

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022343.D
 Acq On : 14 Jun 2016 20:25
 Operator : UM/SJ
 Sample : PB91291BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Quant Time: Jun 15 02:25:38 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	21965	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	118290	20.00	ng	-0.02
38) Acenaphthene-d10	14.71	164	75791	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	187781	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	164565	20.00	ng	-0.01
86) Perylene-d12	25.00	264	153011	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	161405	142.08	ng	-0.02
7) Phenol-d6	7.23	99	250025	139.98	ng	-0.02
23) Nitrobenzene-d5	9.24	82	127748	75.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	93814	109.54	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	348406	70.05	ng	-0.01
78) Terphenyl-d14	20.05	244	530855	76.58	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	14915	27.38	ng	# 71
3) Pyridine	3.86	79	47554	32.30	ng	98
4) n-Nitrosodimethylamine	3.77	42	13562	41.20	ng	81
6) Aniline	7.39	93	48979	21.58	ng	# 84
8) 2-Chlorophenol	7.63	128	68376	43.55	ng	82
10) Phenol	7.26	94	86183	46.80	ng	83
11) bis(2-Chloroethyl)ether	7.49	93	57474	39.14	ng	# 74
12) 1,3-Dichlorobenzene	7.96	146	59108	35.12	ng	# 94
13) 1,4-Dichlorobenzene	8.11	146	61550	36.70	ng	96
14) 1,2-Dichlorobenzene	8.43	146	59423	35.15	ng	96
15) Benzyl Alcohol	8.32	79	48358	41.90	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.60	45	61234	40.20	ng	85
17) 2-Methylphenol	8.53	107	60815	44.25	ng	# 84
18) Hexachloroethane	9.16	117	22648	36.99	ng	# 84
19) n-Nitroso-di-n-propylamine	8.87	70	47061	38.92	ng	# 72
20) 3+4-Methylphenols	8.85	107	85254	43.25	ng	97
22) Acetophenone	8.90	105	91068	35.73	ng	# 85
24) Nitrobenzene	9.29	77	65622	38.46	ng	# 86
25) Isophorone	9.81	82	140877	35.49	ng	94
26) 2-Nitrophenol	10.01	139	36902	39.88	ng	# 79
27) 2,4-Dimethylphenol	10.06	122	73252	43.74	ng	86
28) bis(2-Chloroethoxy)methane	10.29	93	84249	37.05	ng	94
29) 2,4-Dichlorophenol	10.55	162	67300	43.38	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	59950	34.58	ng	97
31) Naphthalene	10.94	128	208407	35.30	ng	# 96
32) Benzoic acid	10.20	122	22359	41.72	ng	# 89
33) 4-Chloroaniline	11.06	127	32352	13.18	ng	# 87
34) Hexachlorobutadiene	11.21	225	29438	31.63	ng	97
35) Caprolactam	11.83	113	18336	21.55	ng	# 48
36) 4-Chloro-3-methylphenol	12.18	107	81569	44.36	ng	85
37) 2-Methylnaphthalene	12.55	142	154665	35.48	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	65721	33.69	ng	99
40) Hexachlorocyclopentadiene	12.88	237	37985	40.88	ng	94
42) 2,4,6-Trichlorophenol	13.15	196	52286	39.95	ng	98

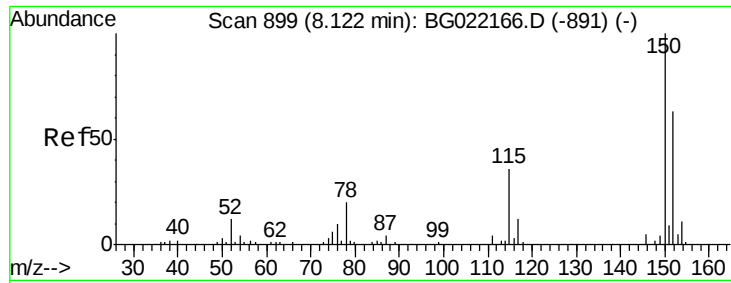
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022343.D
 Acq On : 14 Jun 2016 20:25
 Operator : UM/SJ
 Sample : PB91291BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	56853	39.32	ng	95
45) 1,1'-Biphenyl	13.54	154	206729	36.24	ng	95
46) 2-Chloronaphthalene	13.59	162	159984	36.59	ng	96
47) 2-Nitroaniline	13.80	65	44662	42.84	ng	# 57
48) Acenaphthylene	14.44	152	284673	37.11	ng	97
49) Dimethylphthalate	14.16	163	226140	35.99	ng	99
50) 2,6-Dinitrotoluene	14.29	165	52105	38.14	ng	# 80
51) Acenaphthene	14.77	154	167153	36.37	ng	96
52) 3-Nitroaniline	14.63	138	26122	17.24	ng	# 84
53) 2,4-Dinitrophenol	14.84	184	37666	69.22	ng	# 76
54) Dibenzofuran	15.11	168	264928	36.94	ng	99
55) 4-Nitrophenol	14.95	139	76242	72.91	ng	# 79
56) 2,4-Dinitrotoluene	15.08	165	73176	39.93	ng	# 84
57) Fluorene	15.75	166	226950	36.73	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	47820	36.87	ng	94
59) Diethylphthalate	15.51	149	244314	36.40	ng	98
60) 4-Chlorophenyl-phenylether	15.74	204	99390	35.52	ng	97
61) 4-Nitroaniline	15.79	138	56141	34.93	ng	# 78
62) Azobenzene	16.04	77	207764	40.87	ng	88
64) 4,6-Dinitro-2-methylphenol	15.85	198	35588	38.59	ng	84
65) n-Nitrosodiphenylamine	15.96	169	199768	36.93	ng	99
66) 4-Bromophenyl-phenylether	16.63	248	61134	34.74	ng	97
67) Hexachlorobenzene	16.76	284	66409	32.38	ng	98
68) Atrazine	16.90	200	70526	35.22	ng	98
69) Pentachlorophenol	17.11	266	55468	61.39	ng	97
70) Phenanthrene	17.50	178	363548	35.65	ng	100
71) Anthracene	17.59	178	361994	35.79	ng	98
72) Carbazole	17.86	167	345852	36.10	ng	97
73) Di-n-butylphthalate	18.40	149	464456	37.08	ng	99
74) Fluoranthene	19.50	202	412876	35.21	ng	97
76) Benzidine	19.68	184	115889	26.93	ng	99
77) Pyrene	19.87	202	410555	40.13	ng	99
79) Butylbenzylphthalate	20.73	149	203660	42.92	ng	93
80) Benzo(a)anthracene	21.71	228	345265	37.42	ng	99
81) 3,3'-Dichlorobenzidine	21.62	252	55376	21.38	ng	# 98
82) Chrysene	21.78	228	331160	36.88	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	286161	41.01	ng	97
84) Di-n-octyl phthalate	22.80	149	476306	41.11	ng	# 87
85) Indeno(1,2,3-cd)pyrene	28.74	276	352342	34.98	ng	# 85
87) Benzo(b)fluoranthene	23.96	252	333367	37.36	ng	# 97
88) Benzo(k)fluoranthene	24.03	252	307859	35.04	ng	# 96
89) Benzo(a)pyrene	24.84	252	314043	36.80	ng	# 95
90) Dibenzo(a,h)anthracene	28.80	278	289106	35.98	ng	# 93
91) Benzo(g,h,i)perylene	29.91	276	294116	35.18	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

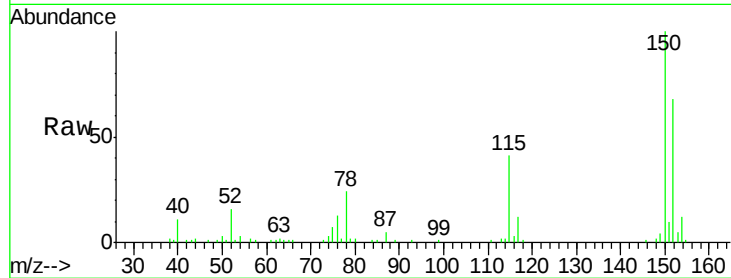
Tgt Ion:152 Resp: 21965

Ion Ratio Lower Upper

152 100

150 147.4 130.1 195.1

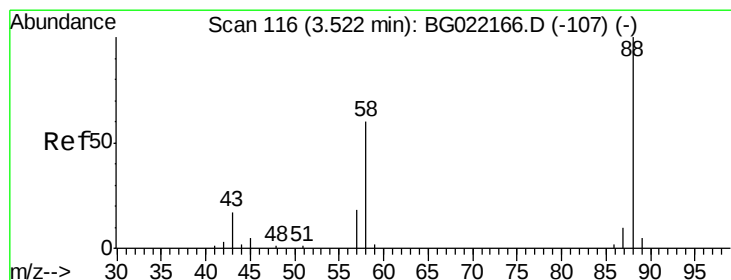
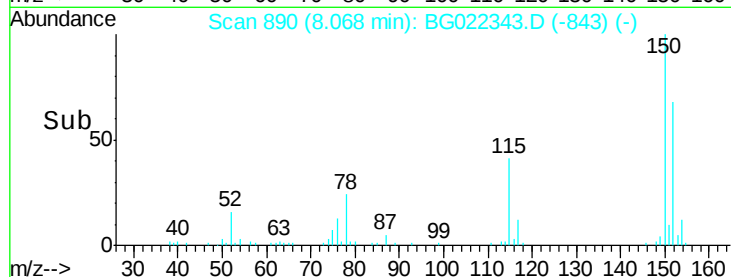
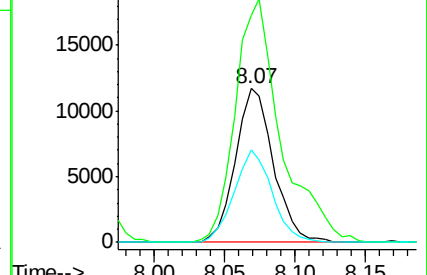
115 60.6 62.2 93.2#



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: 27.38 ng

RT: 3.44 min Scan# 103

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

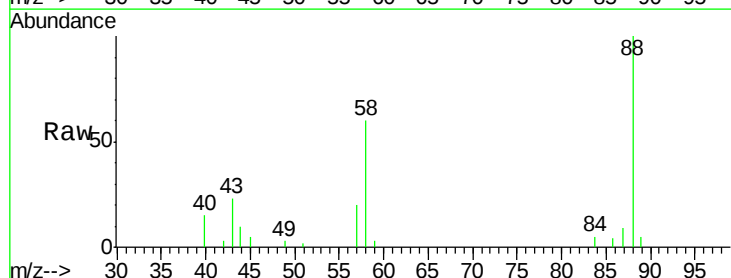
Tgt Ion: 88 Resp: 14915

Ion Ratio Lower Upper

88 100

58 66.3 36.8 55.2#

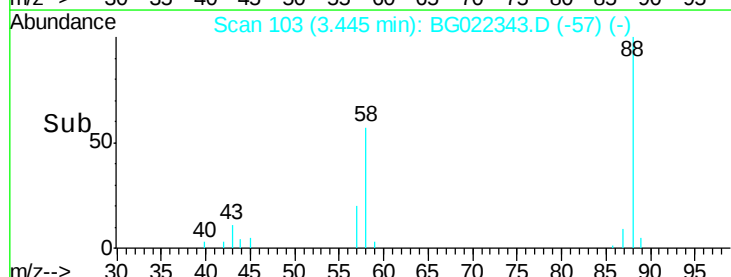
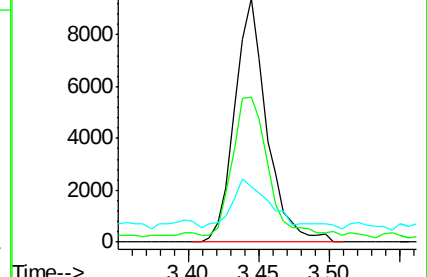
43 22.7 10.4 15.6#

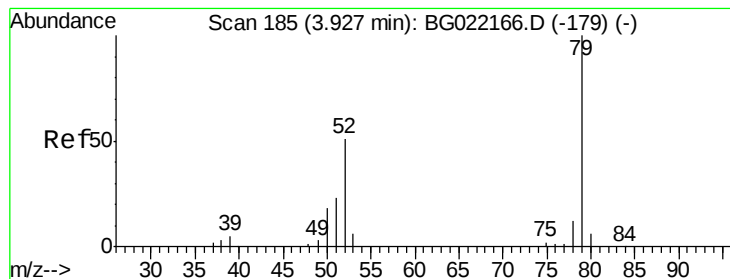


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.30 ng

RT: 3.86 min Scan# 173

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

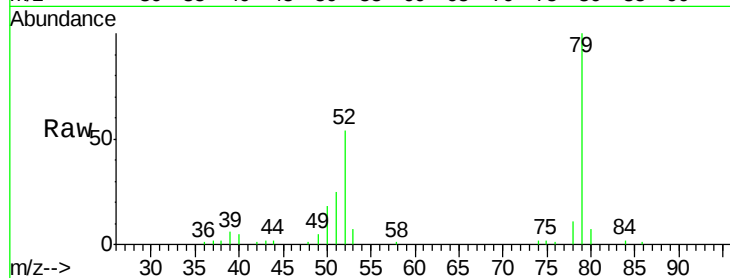
Tgt Ion: 79 Resp: 47554

Ion Ratio Lower Upper

79 100

52 53.7 41.6 62.4

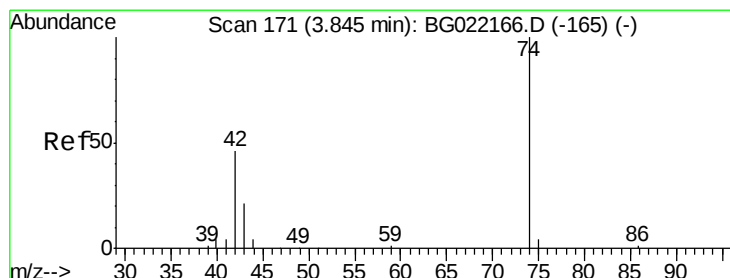
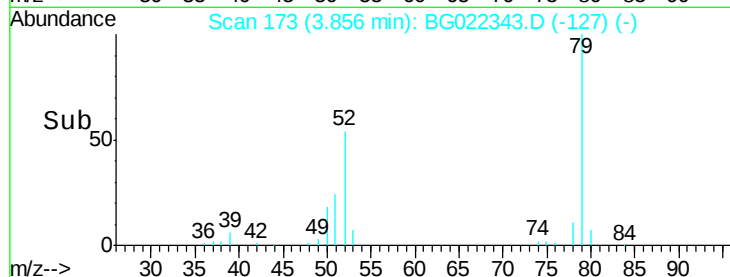
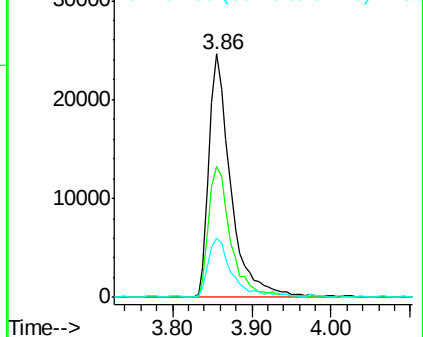
51 24.6 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.20 ng

RT: 3.77 min Scan# 159

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

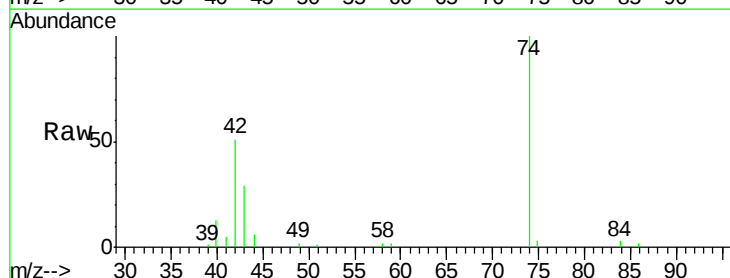
Tgt Ion: 42 Resp: 13562

Ion Ratio Lower Upper

42 100

74 197.3 184.0 276.0

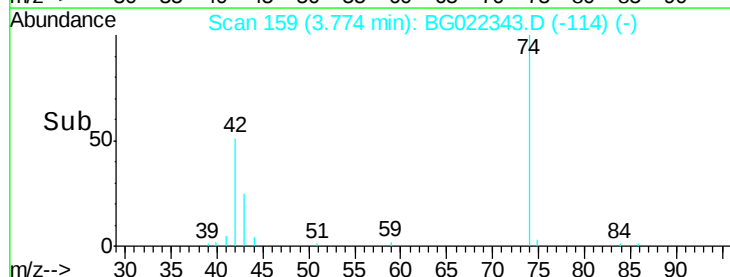
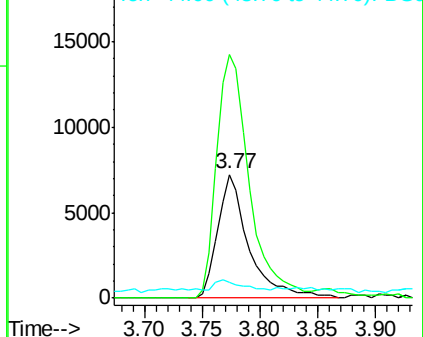
44 12.7 11.0 16.6



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.08 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

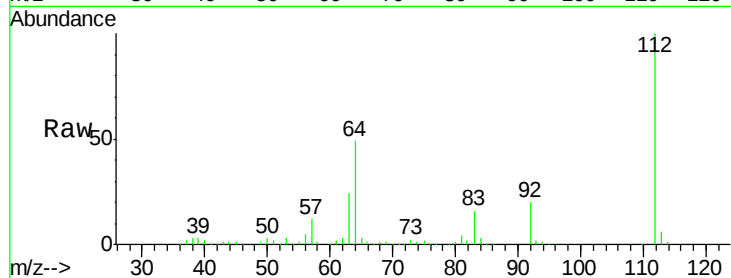
Tgt Ion: 112 Resp: 161405

Ion Ratio Lower Upper

112 100

64 49.4 51.1 76.7#

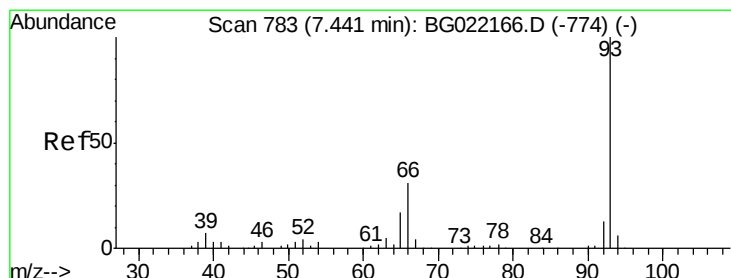
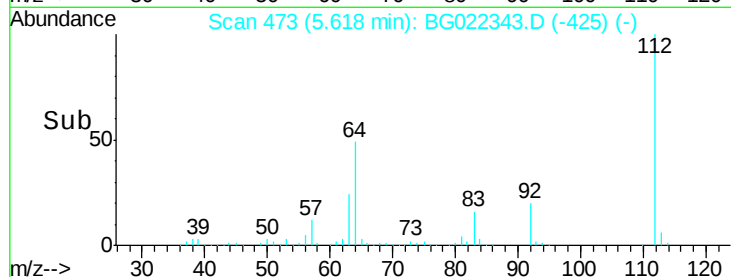
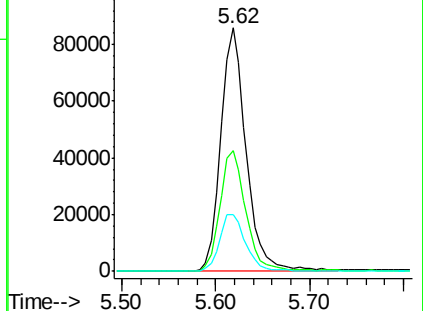
63 23.6 24.6 37.0#



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: 21.58 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

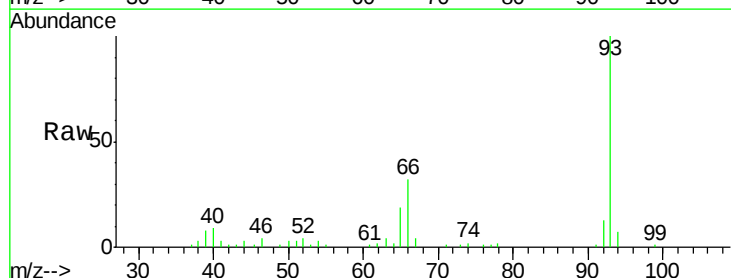
Tgt Ion: 93 Resp: 48979

Ion Ratio Lower Upper

93 100

66 32.3 36.3 54.5#

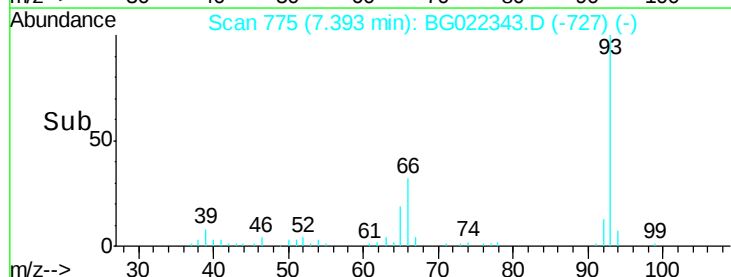
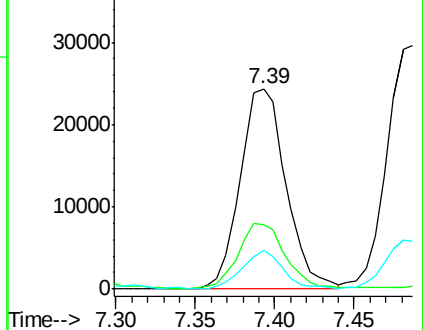
65 19.1 18.4 27.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.98 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

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ClientSampleId :

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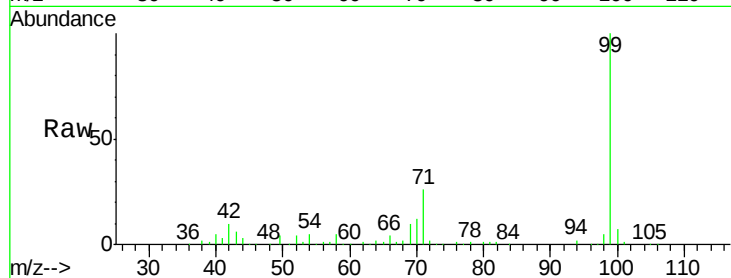
Tgt Ion: 99 Resp: 250025

Ion Ratio Lower Upper

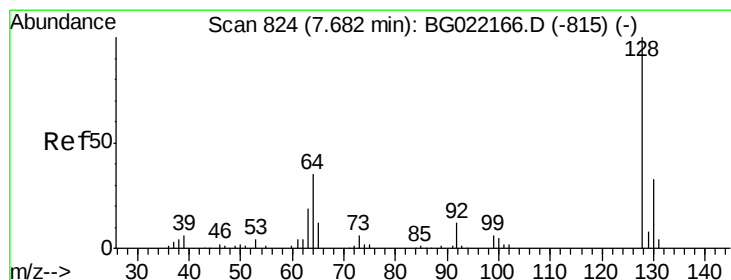
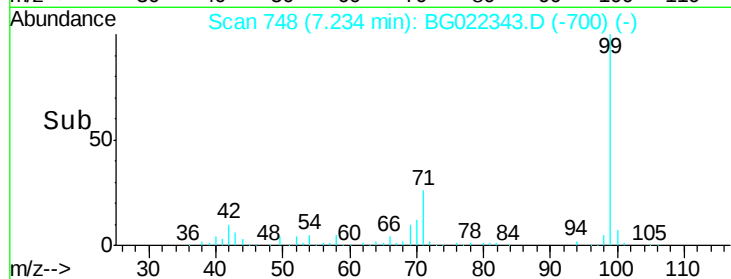
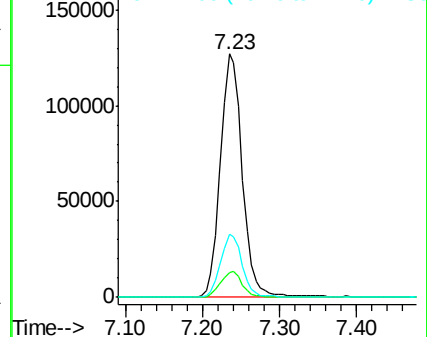
99 100

42 10.3 16.4 24.6#

71 26.1 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: 43.55 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

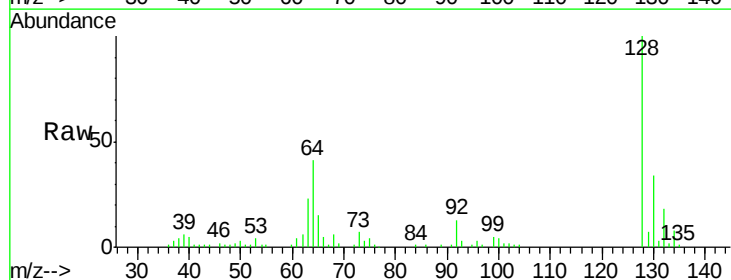
Tgt Ion: 128 Resp: 68376

Ion Ratio Lower Upper

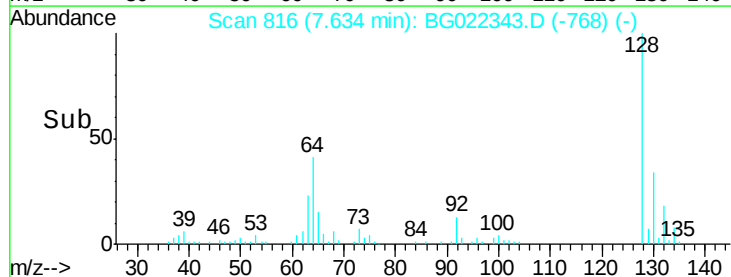
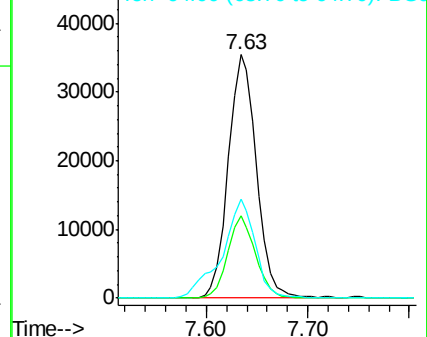
128 100

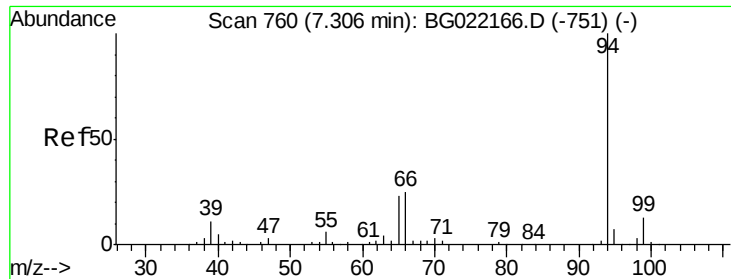
130 33.6 11.2 51.2

64 40.5 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: 46.80 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

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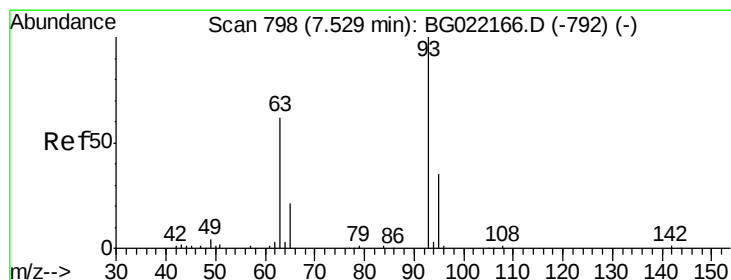
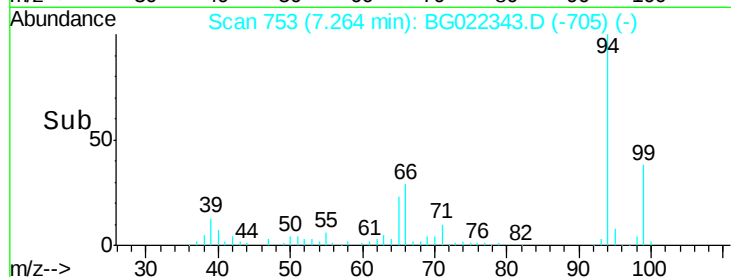
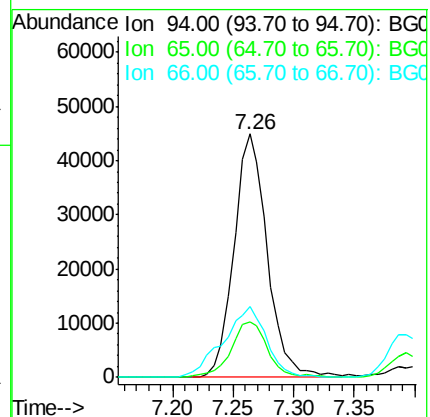
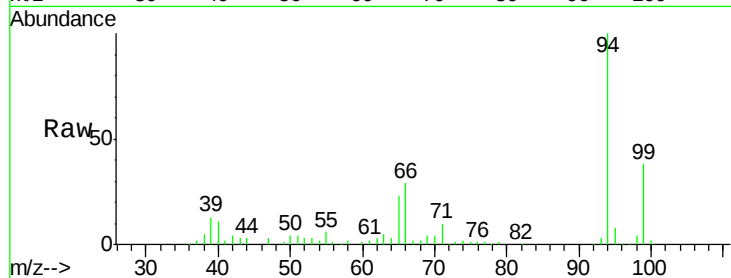
Tgt Ion: 94 Resp: 86183

Ion Ratio Lower Upper

94 100

65 22.6 9.8 49.8

66 28.9 20.8 60.8



#11

bis(2-Chloroethyl)ether

Concen: 39.14 ng

RT: 7.49 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

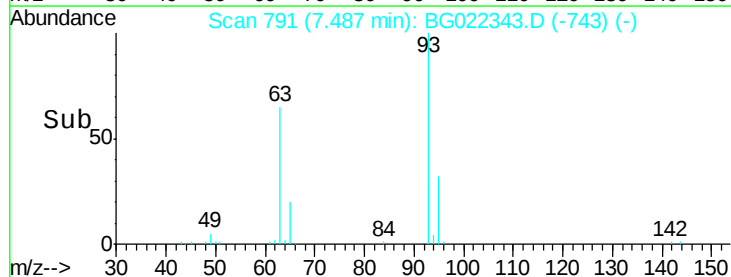
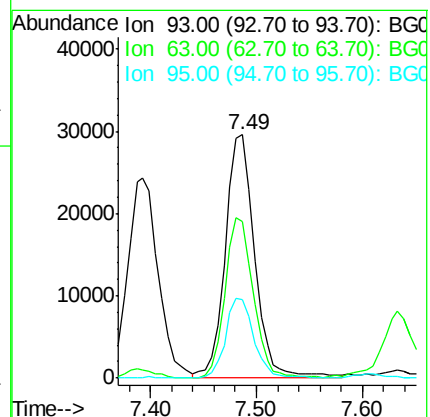
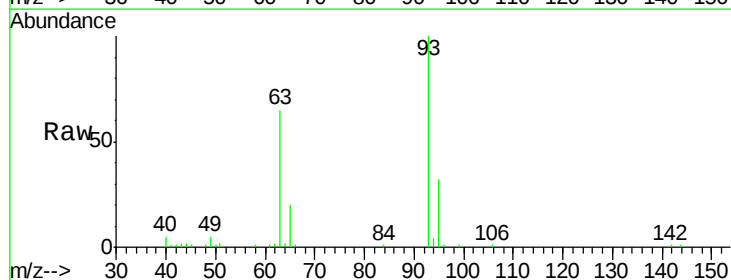
Tgt Ion: 93 Resp: 57474

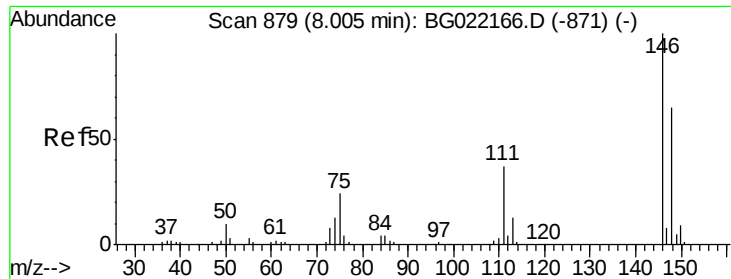
Ion Ratio Lower Upper

93 100

63 64.5 74.9 114.9#

95 32.1 8.3 48.3

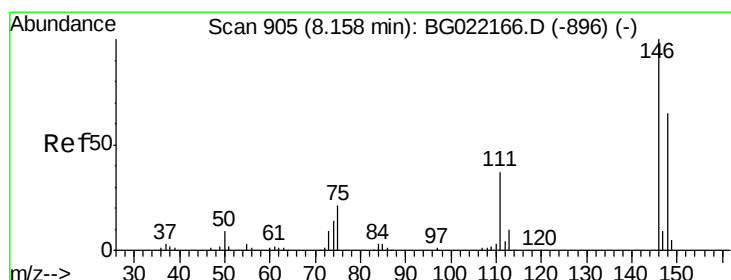
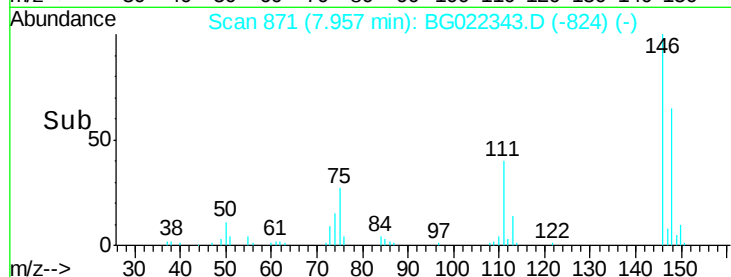
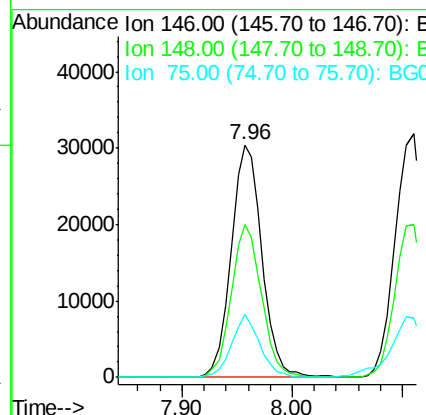
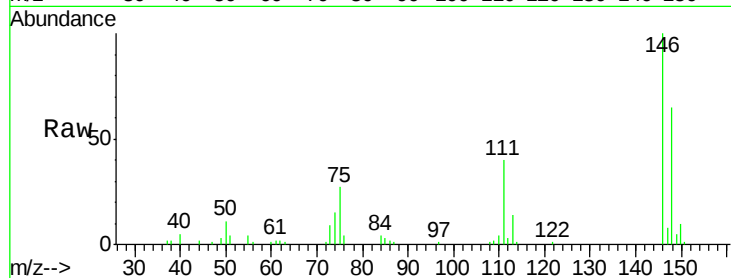




#12
 1,3-Dichlorobenzene
 Concen: 35.12 ng
 RT: 7.96 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

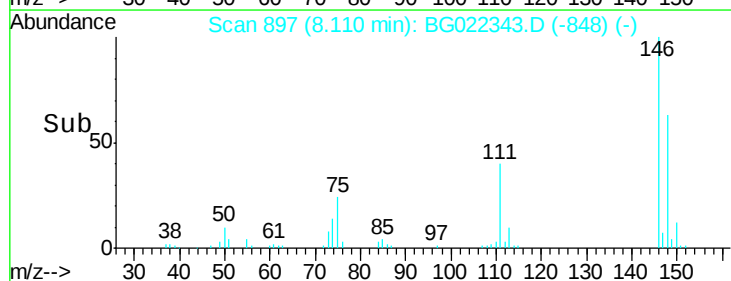
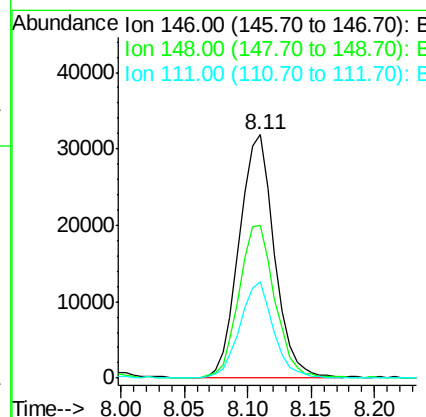
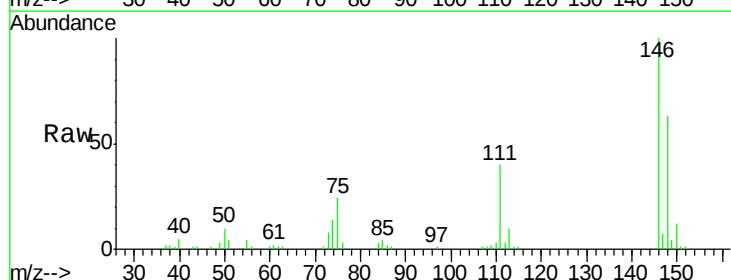
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

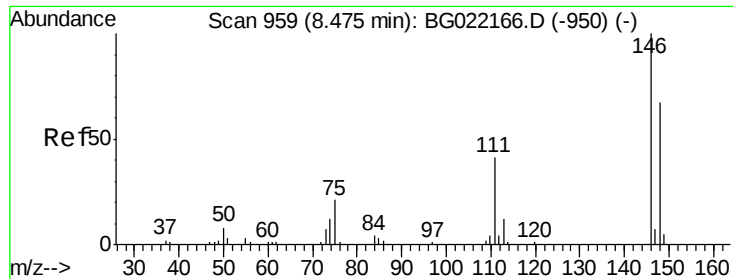
Tgt Ion:146 Resp: 59108
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.7 80.5
 75 27.1 27.4 41.0#



#13
 1,4-Dichlorobenzene
 Concen: 36.70 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:146 Resp: 61550
 Ion Ratio Lower Upper
 146 100
 148 62.8 46.7 70.1
 111 39.7 33.0 49.6





#14

1,2-Dichlorobenzene

Concen: 35.15 ng

RT: 8.43 min Scan# 951

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampled :

PB91291BS

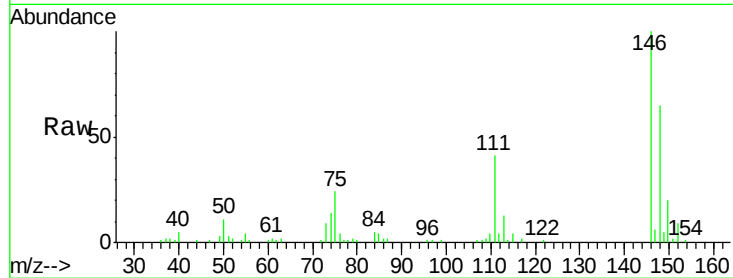
Tgt Ion:146 Resp: 59423

Ion Ratio Lower Upper

146 100

148 64.5 52.6 79.0

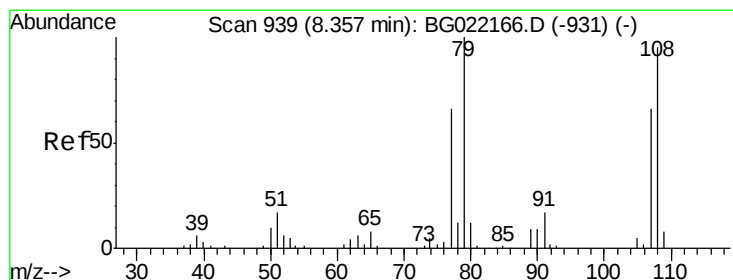
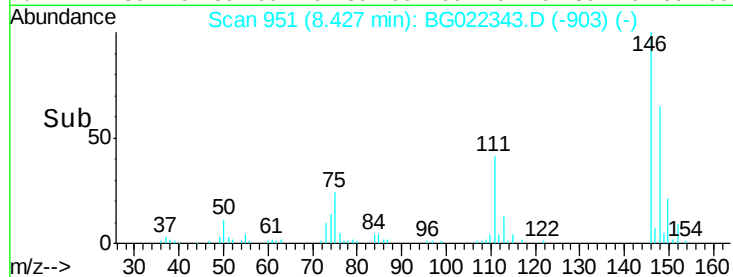
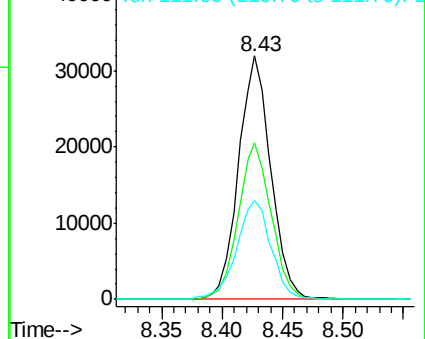
111 40.9 36.1 54.1



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: 41.90 ng

RT: 8.32 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

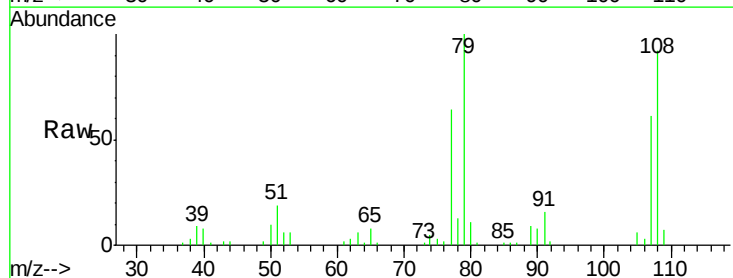
Tgt Ion: 79 Resp: 48358

Ion Ratio Lower Upper

79 100

108 92.0 59.4 89.0#

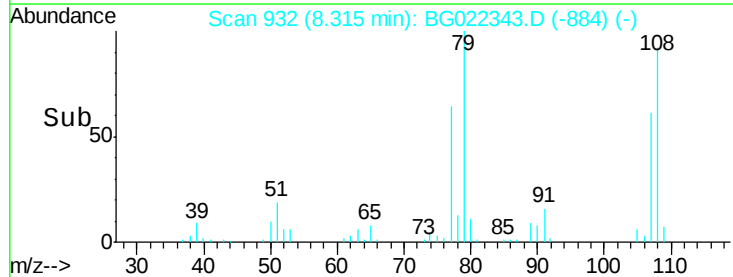
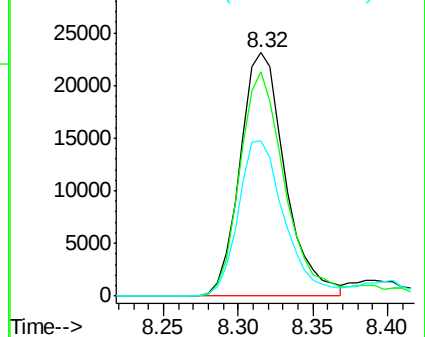
77 63.9 52.2 78.2

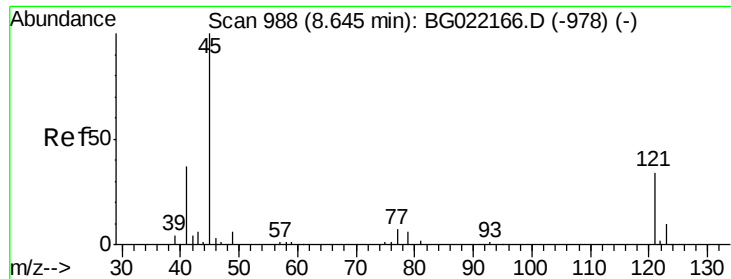


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

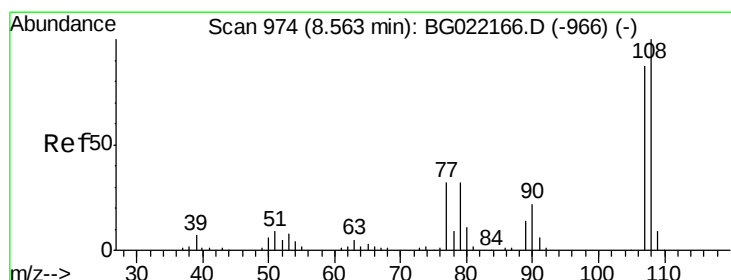
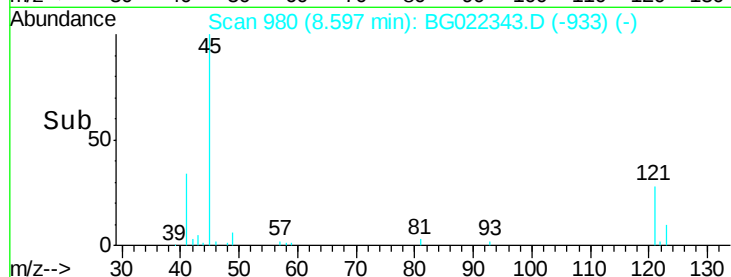
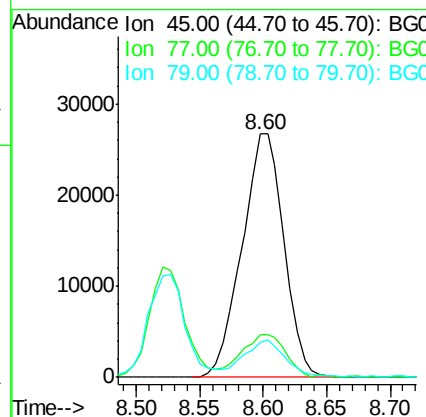
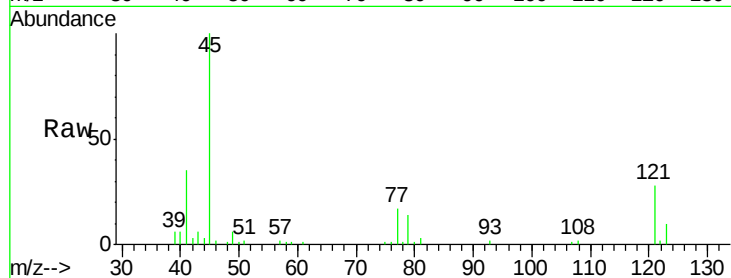




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.20 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

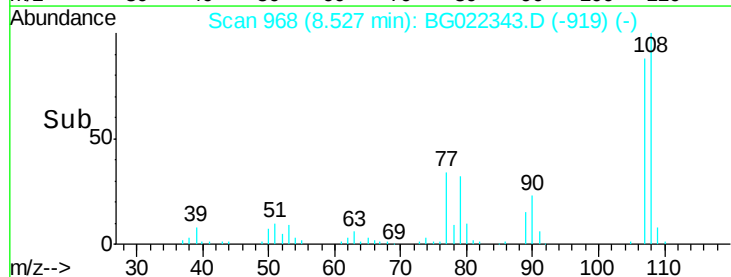
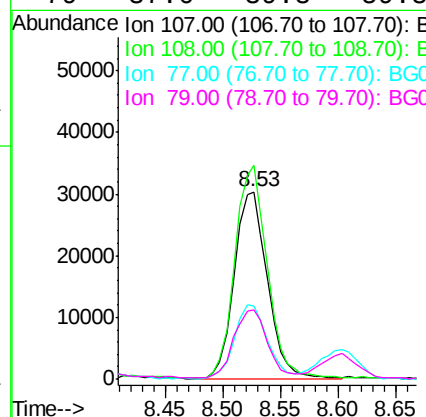
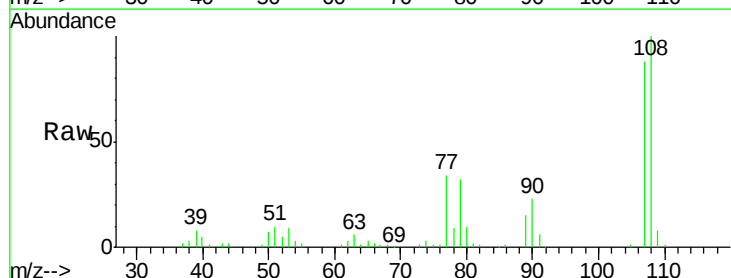
Instrument :
BNA_G
ClientSampleId :
PB91291BS

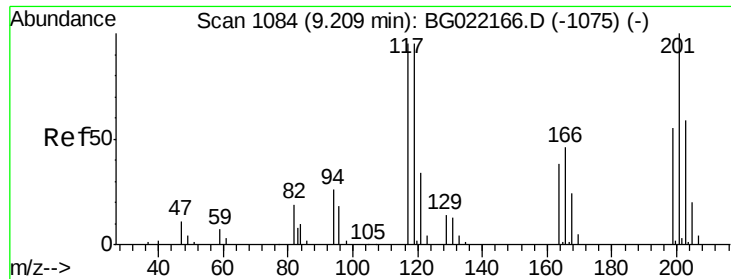
Tgt Ion: 45 Resp: 61234
Ion Ratio Lower Upper
45 100
77 17.5 0.0 31.2
79 14.1 0.0 29.0



#17
2-Methylphenol
Concen: 44.25 ng
RT: 8.53 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion: 107 Resp: 60815
Ion Ratio Lower Upper
107 100
108 114.1 80.2 120.4
77 38.7 40.7 61.1#
79 37.0 39.8 59.8#

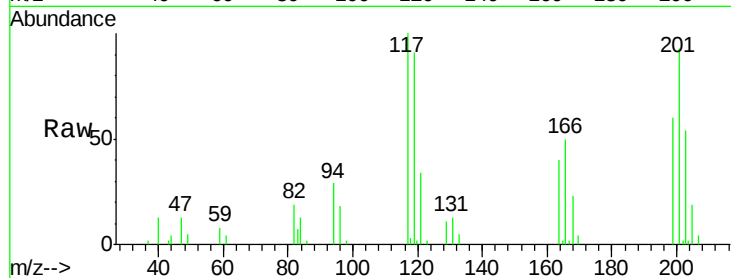




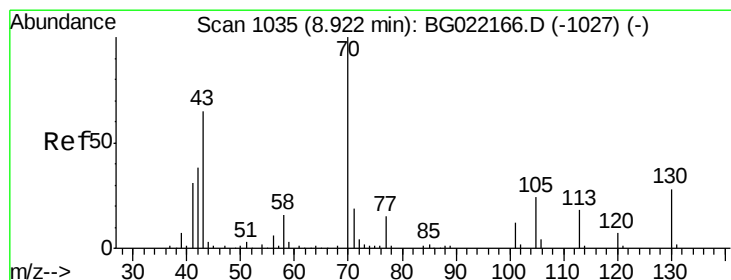
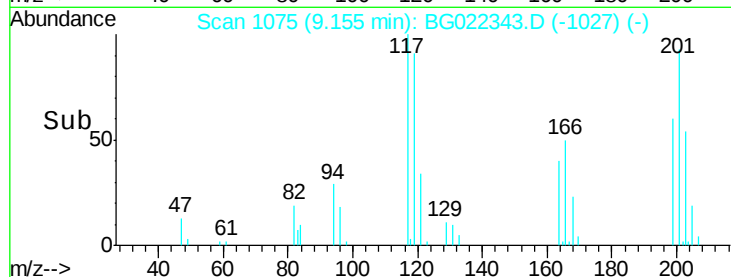
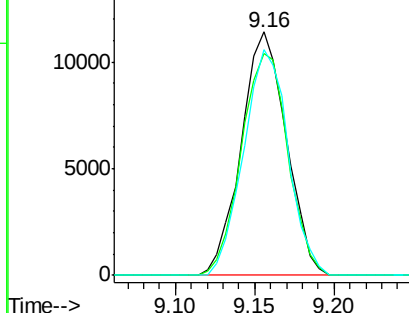
#18
Hexachloroethane
Concen: 36.99 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Instrument :
BNA_G
ClientSampleId :
PB91291BS

Tgt Ion: 117 Resp: 22648
Ion Ratio Lower Upper
117 100
119 91.1 63.9 95.9
201 92.8 61.2 91.8#

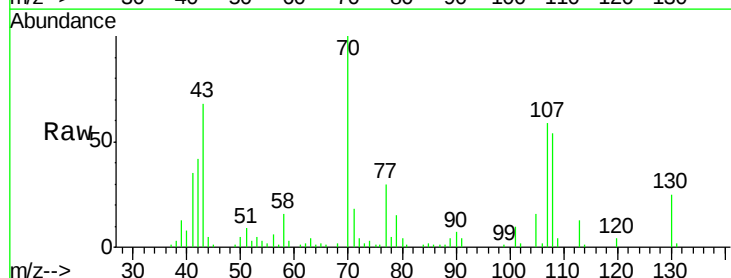


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

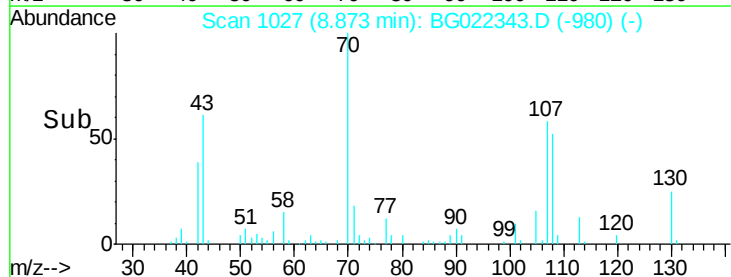
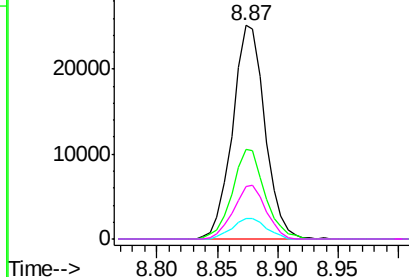


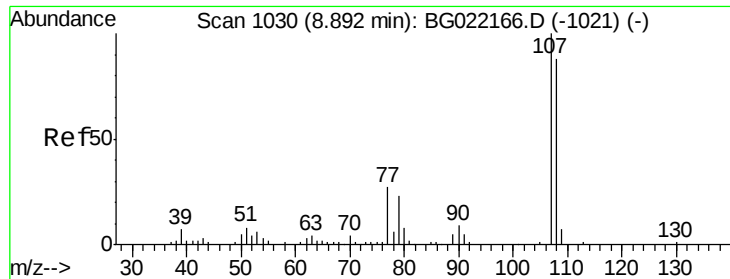
#19
n-Nitroso-di-n-propylamine
Concen: 38.92 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion: 70 Resp: 47061
Ion Ratio Lower Upper
70 100
42 42.1 56.7 85.1#
101 9.9 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: 43.25 ng

RT: 8.85 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

Tgt Ion:107 Resp: 85254

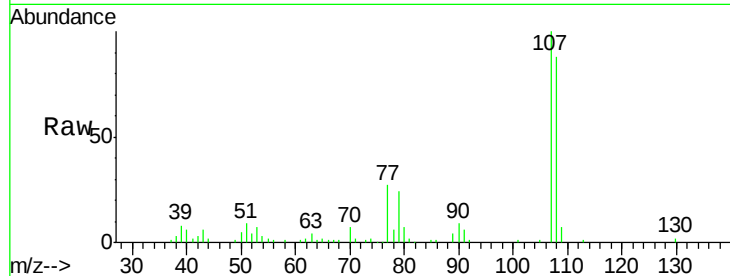
Ion Ratio Lower Upper

107 100

108 87.9 66.2 106.2

77 27.2 11.5 51.5

79 24.1 5.6 45.6

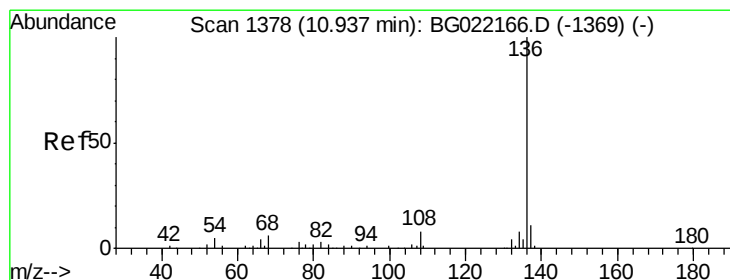
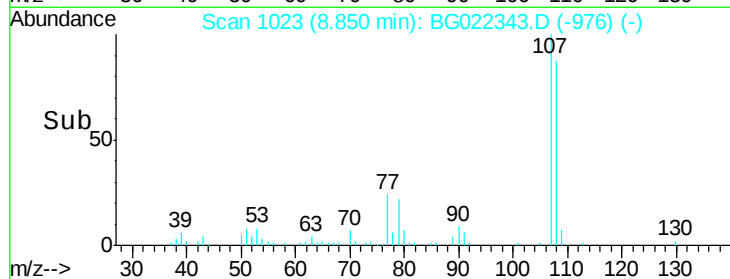
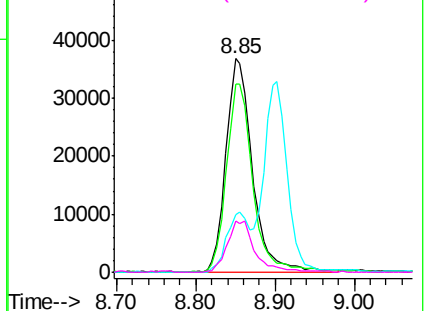


Abundance Ion 107.00 (106.70 to 107.70): E

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: BG022343.D

Acq: 14 Jun 2016 20:25

Tgt Ion:136 Resp: 118290

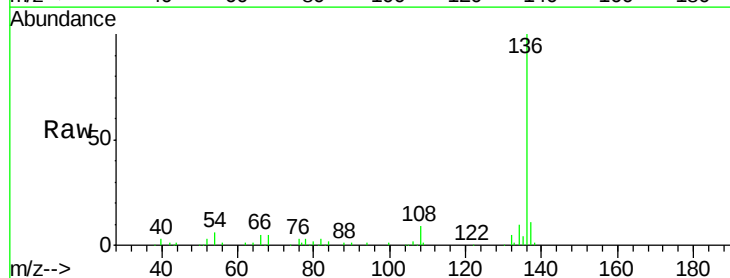
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.3 9.6 14.4#

68 5.2 6.4 9.6#

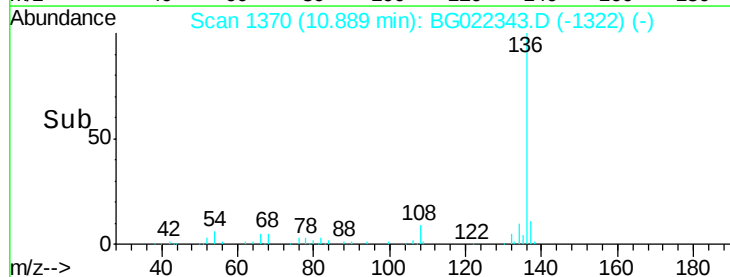
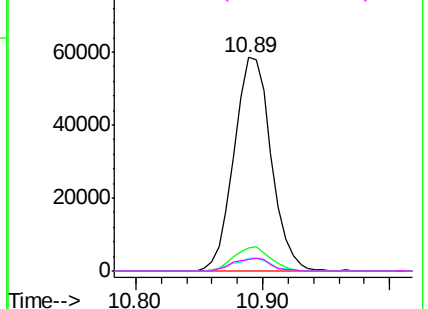


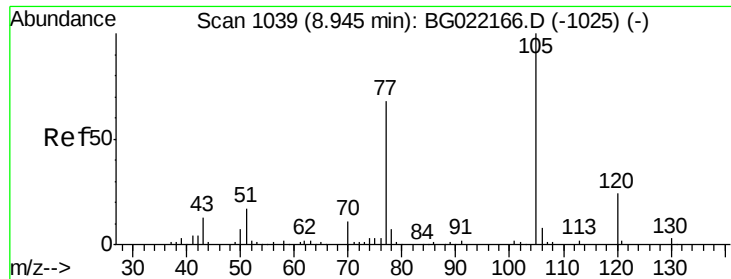
Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.73 ng

RT: 8.90 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

Tgt Ion: 105 Resp: 91068

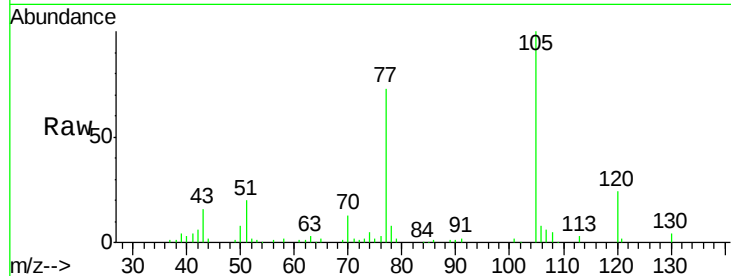
Ion Ratio Lower Upper

105 100

71 2.4 0.0 0.0#

51 19.9 25.7 38.5#

120 23.5 17.0 25.6

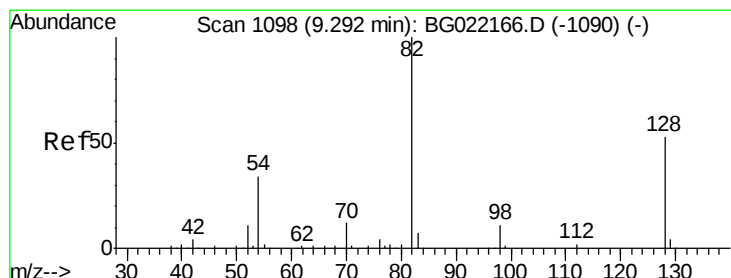
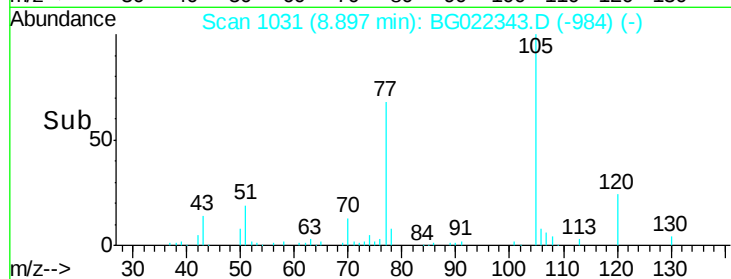
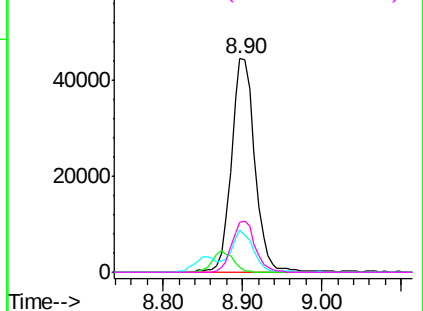


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 75.29 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

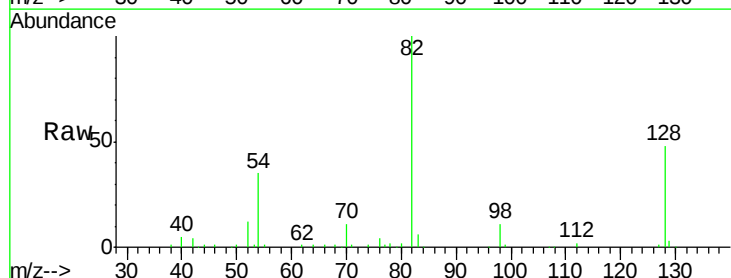
Tgt Ion: 82 Resp: 127748

Ion Ratio Lower Upper

82 100

128 48.2 33.4 50.0

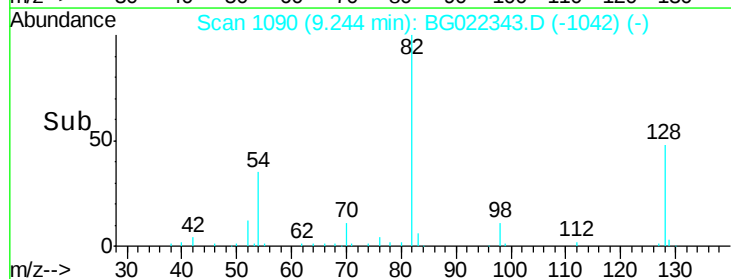
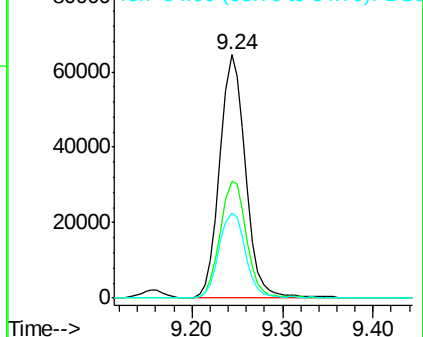
54 34.9 46.1 69.1#

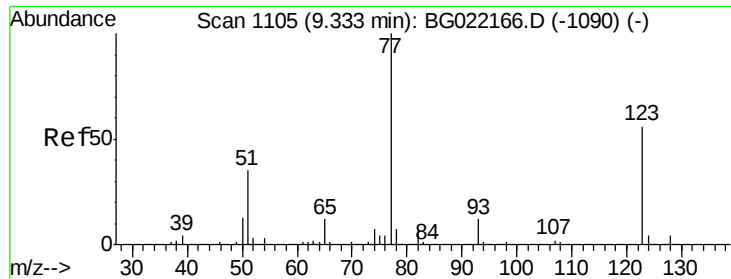


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 38.46 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

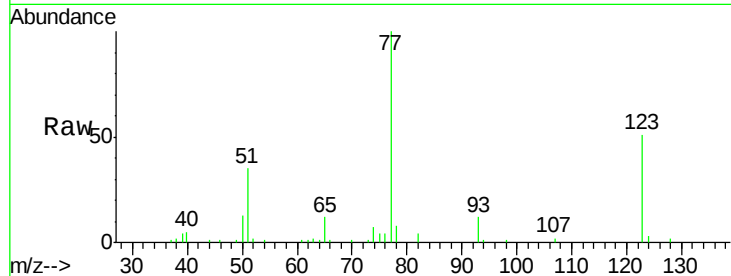
Tgt Ion: 77 Resp: 65622

Ion Ratio Lower Upper

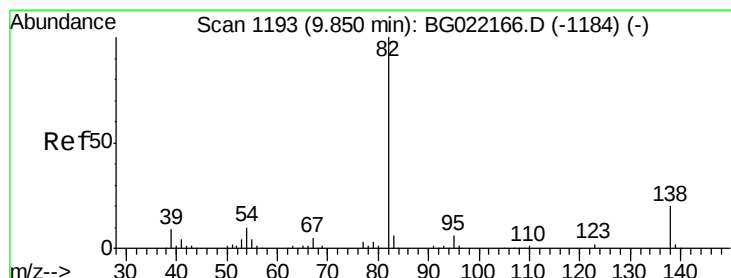
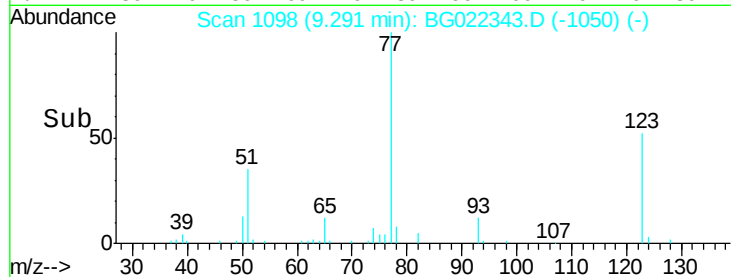
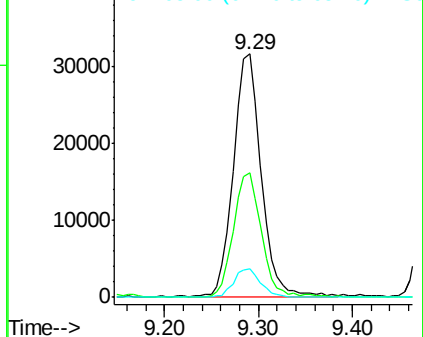
77 100

123 51.3 32.2 48.4#

65 11.8 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: 35.49 ng

RT: 9.81 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

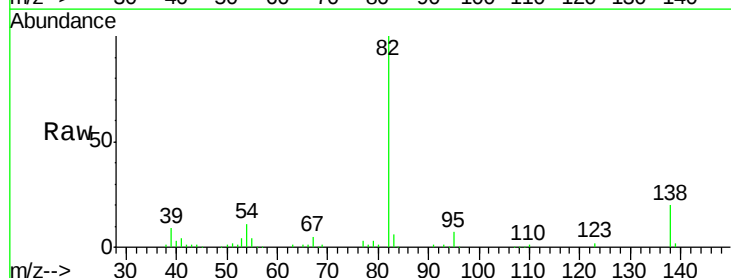
Tgt Ion: 82 Resp: 140877

Ion Ratio Lower Upper

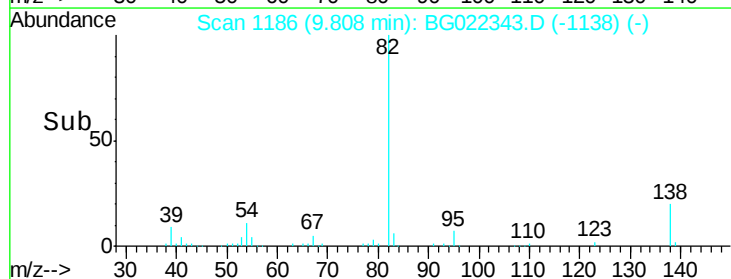
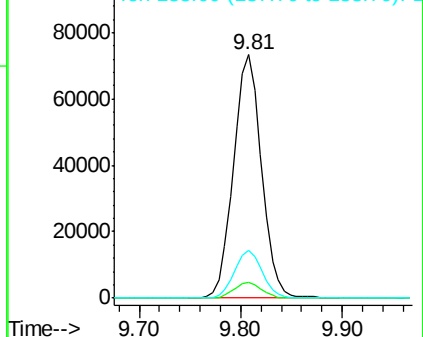
82 100

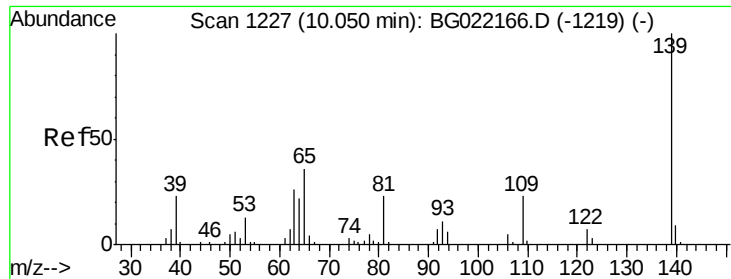
95 6.6 6.0 9.0

138 19.8 13.4 20.0



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

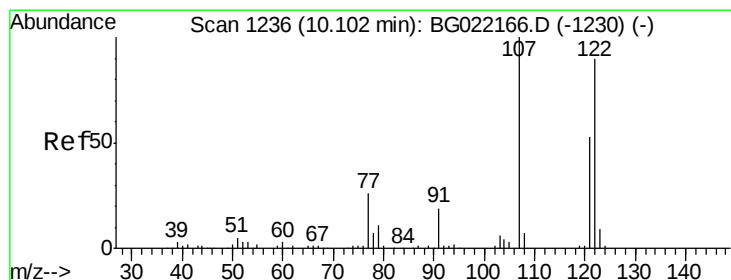
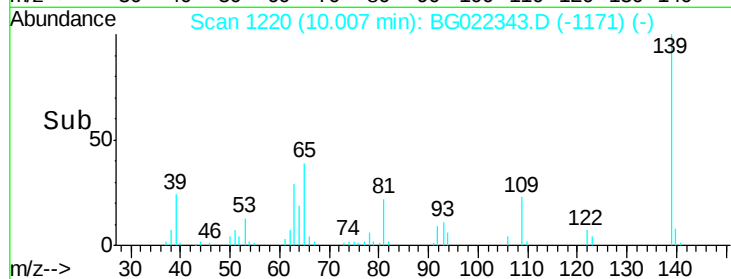
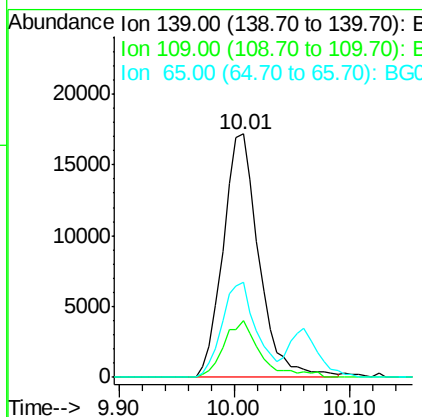
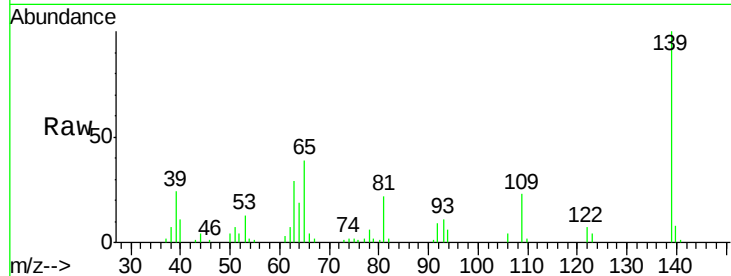




#26
2-Nitrophenol
Concen: 39.88 ng
RT: 10.01 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

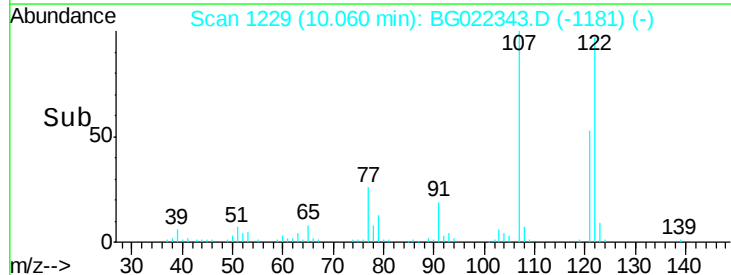
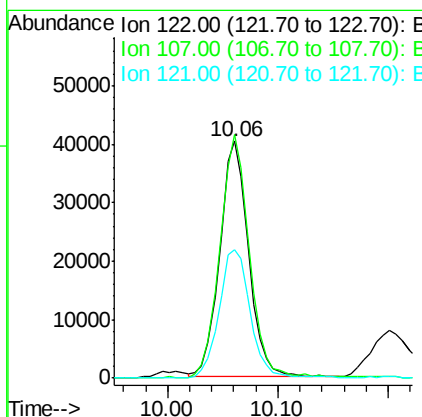
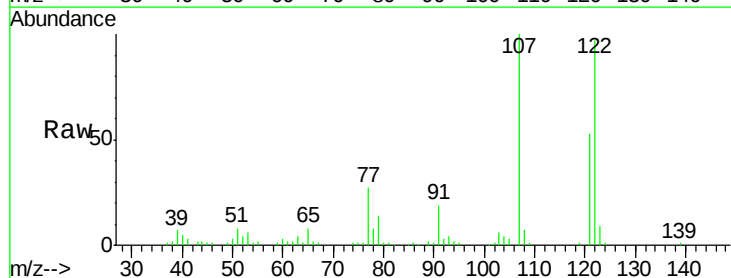
Instrument :
BNA_G
ClientSampleId :
PB91291BS

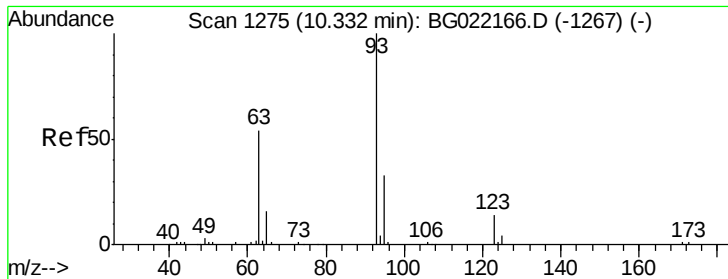
Tgt Ion:139 Resp: 36902
Ion Ratio Lower Upper
139 100
109 23.4 26.6 40.0#
65 39.1 45.3 67.9#



#27
2,4-Dimethylphenol
Concen: 43.74 ng
RT: 10.06 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:122 Resp: 73252
Ion Ratio Lower Upper
122 100
107 102.7 97.2 145.8
121 54.4 49.0 73.4

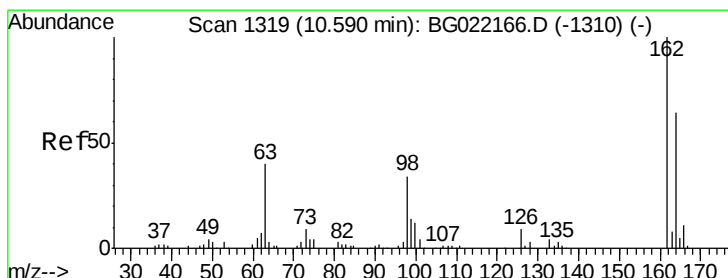
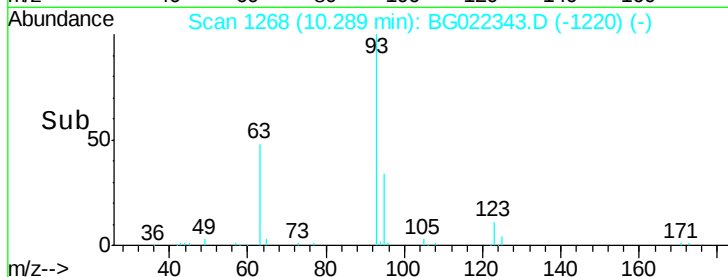
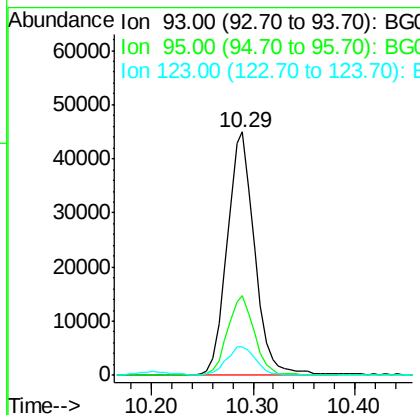
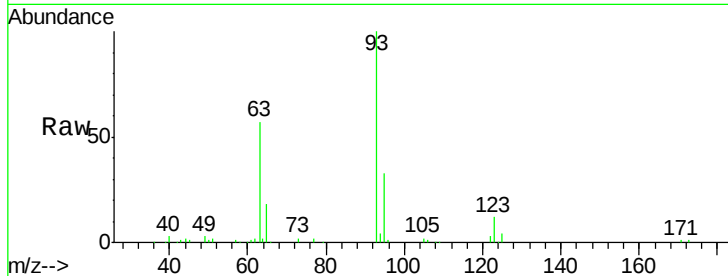




#28
bis(2-Chloroethoxy)methane
Concen: 37.05 ng
RT: 10.29 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

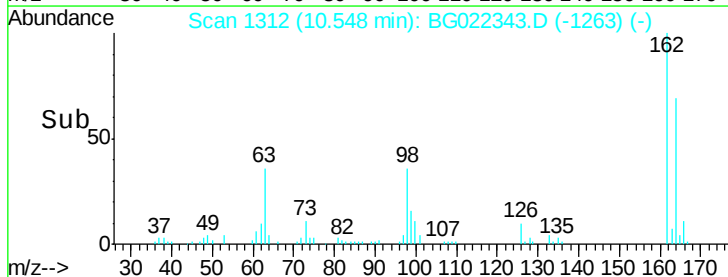
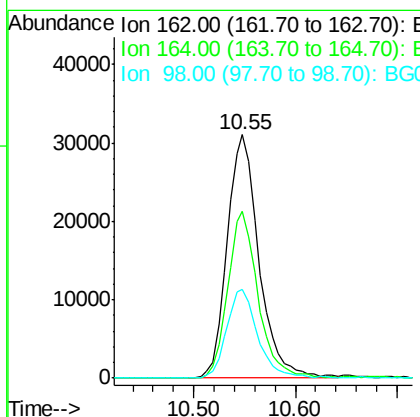
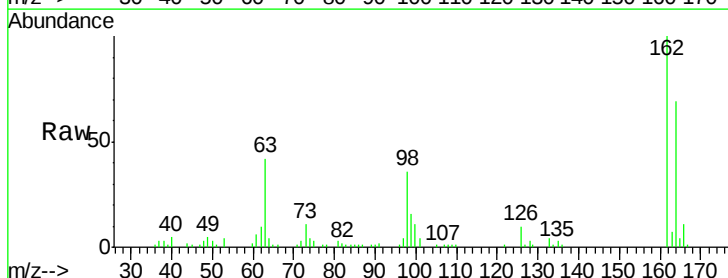
Instrument :
BNA_G
ClientSampleId :
PB91291BS

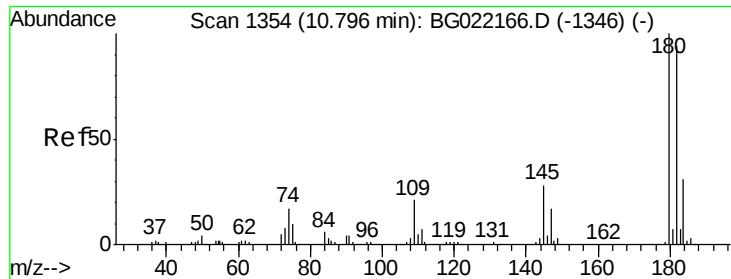
Tgt Ion: 93 Resp: 84249
Ion Ratio Lower Upper
93 100
95 33.0 30.1 45.1
123 11.6 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 43.38 ng
RT: 10.55 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion: 162 Resp: 67300
Ion Ratio Lower Upper
162 100
164 68.6 44.9 84.9
98 36.3 19.2 59.2

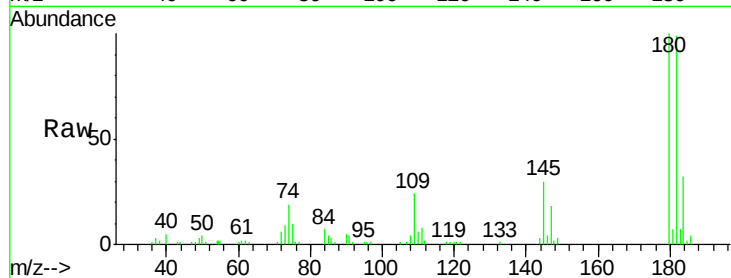




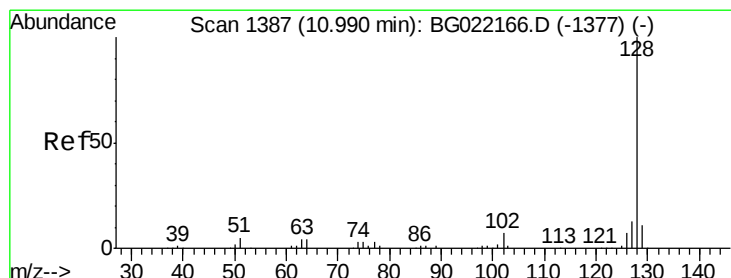
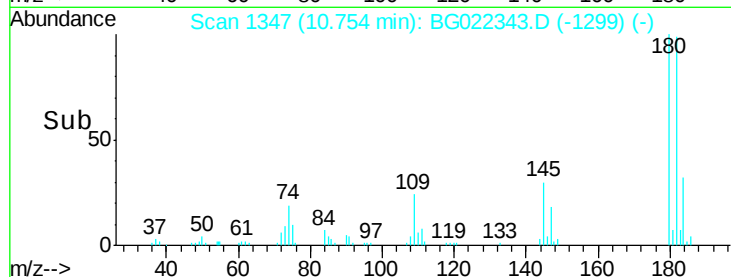
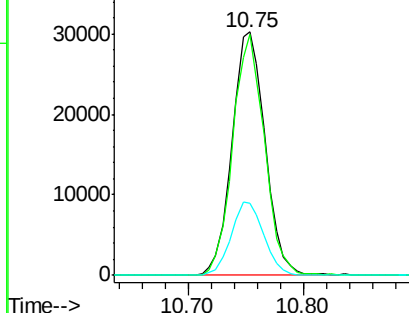
#30
 1,2,4-Trichlorobenzene
 Concen: 34.58 ng
 RT: 10.75 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tgt Ion:180 Resp: 59950
 Ion Ratio Lower Upper
 180 100
 182 99.2 82.3 123.5
 145 29.6 24.4 36.6

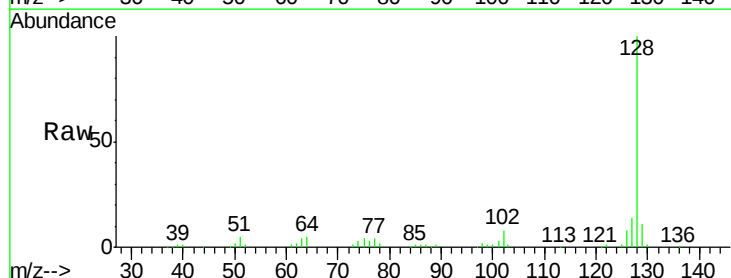


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

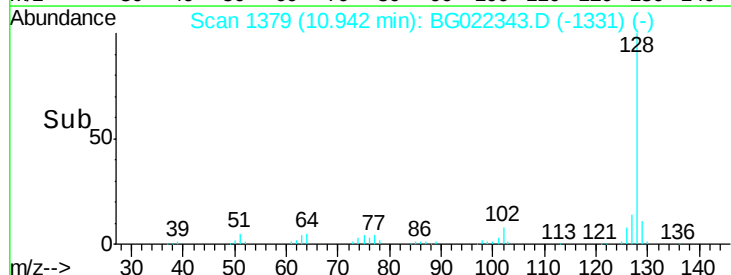
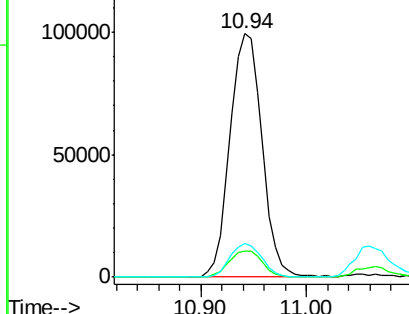


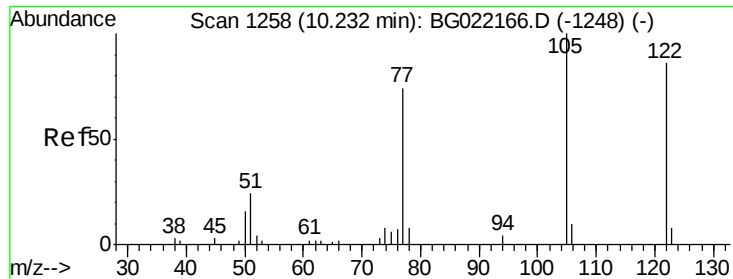
#31
 Naphthalene
 Concen: 35.30 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:128 Resp: 208407
 Ion Ratio Lower Upper
 128 100
 129 10.8 7.0 10.6#
 127 13.9 10.1 15.1



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





#32

Benzoic acid

Concen: 41.72 ng

RT: 10.20 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

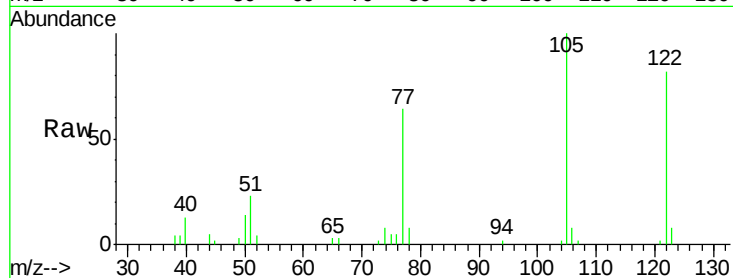
Tgt Ion:122 Resp: 22359

Ion Ratio Lower Upper

122 100

105 122.5 104.5 144.5

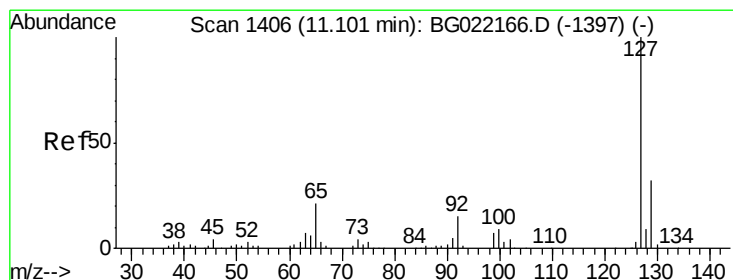
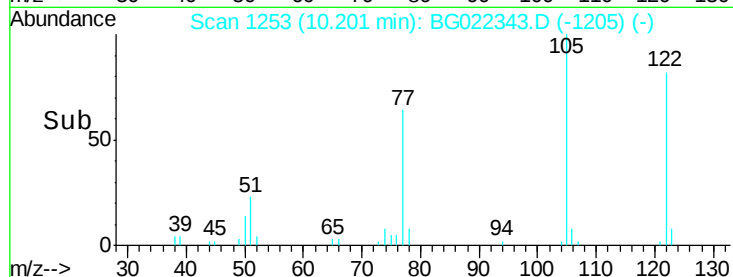
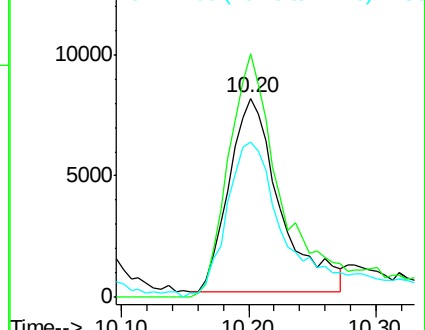
77 78.4 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 13.18 ng

RT: 11.06 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Tgt Ion:127 Resp: 32352

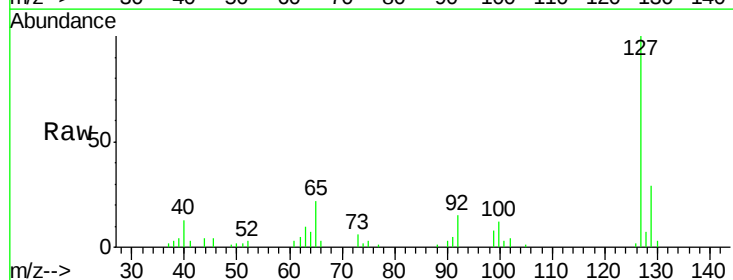
Ion Ratio Lower Upper

127 100

129 29.4 26.6 39.8

65 21.7 27.5 41.3#

92 15.1 14.7 22.1

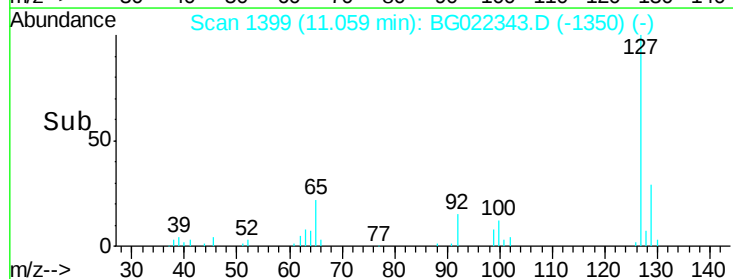
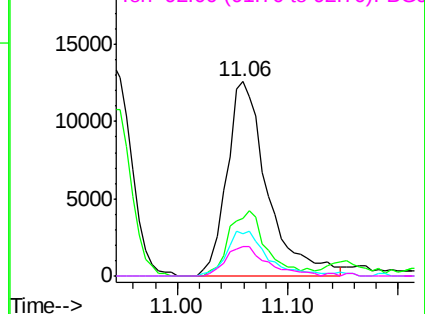


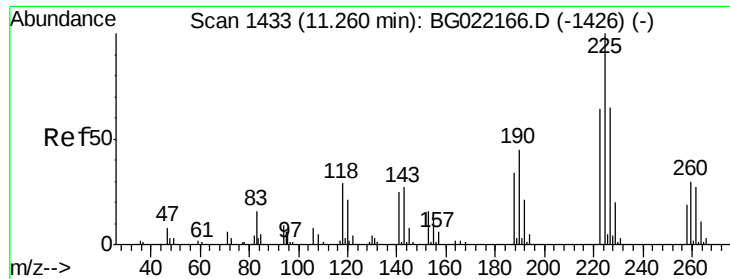
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 31.63 ng

RT: 11.21 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

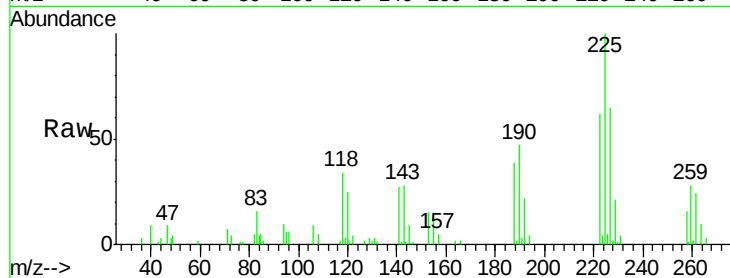
Tgt Ion:225 Resp: 29438

Ion Ratio Lower Upper

225 100

223 62.7 52.7 79.1

227 64.3 49.7 74.5

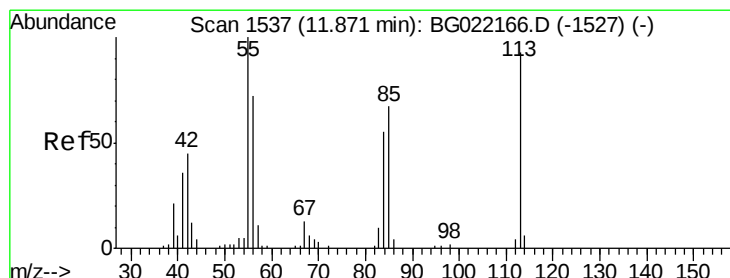
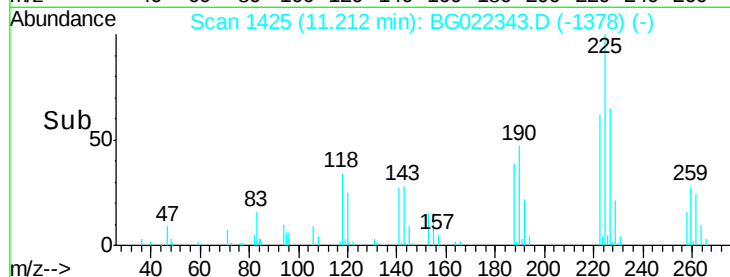
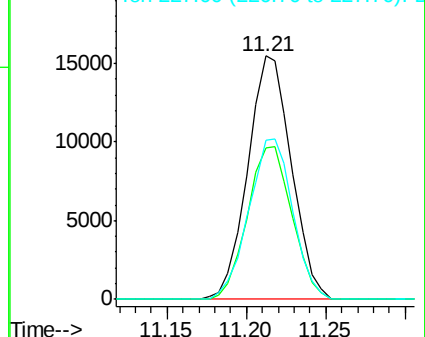


Abundance

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: 21.55 ng

RT: 11.83 min Scan# 1530

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

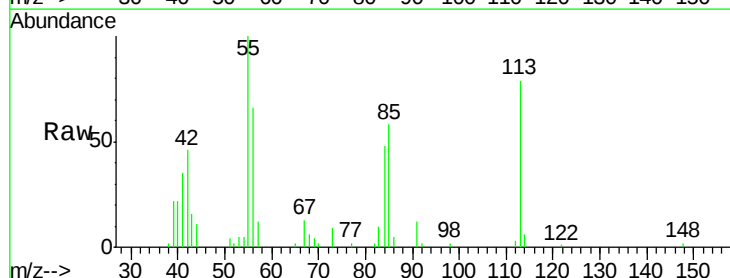
Tgt Ion:113 Resp: 18336

Ion Ratio Lower Upper

113 100

55 126.8 194.2 234.2#

56 83.4 122.6 162.6#

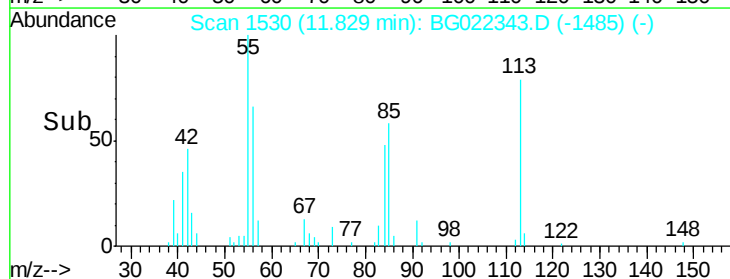
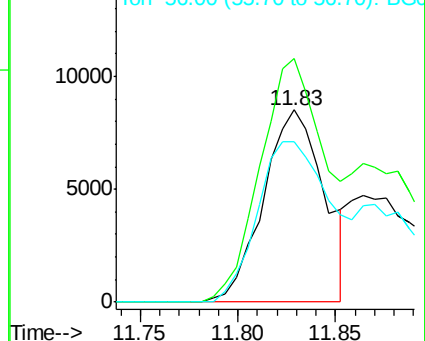


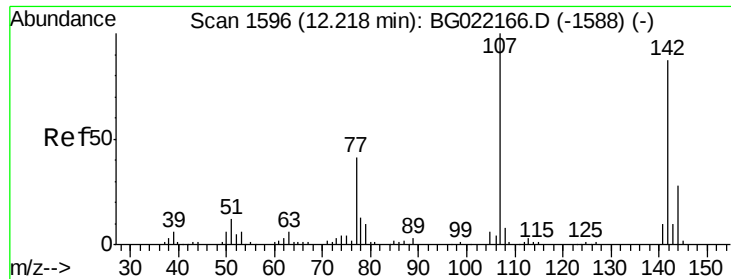
Abundance

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

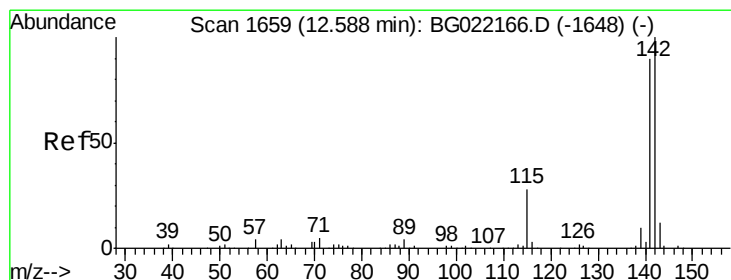
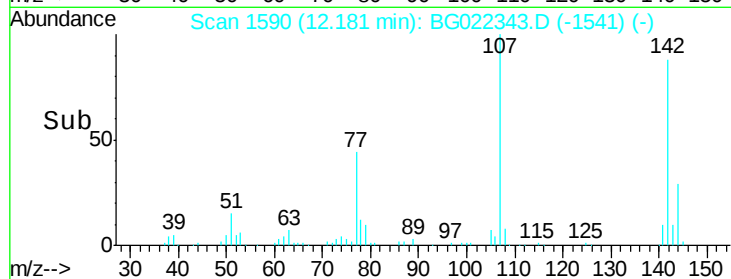
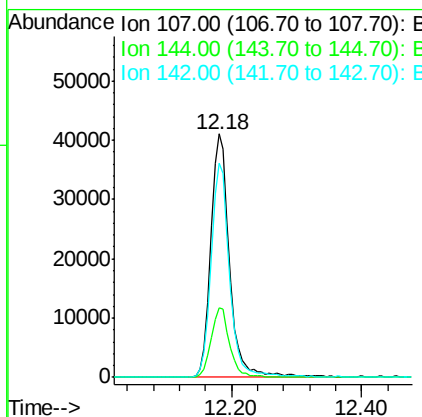
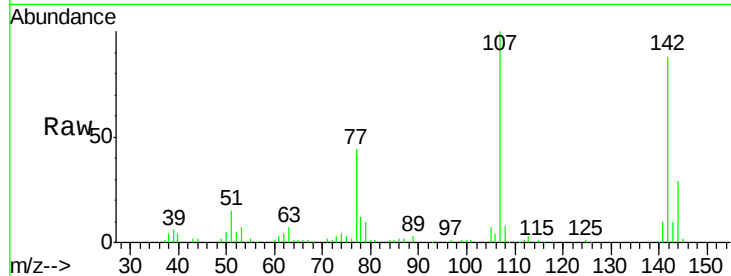




#36
 4-Chloro-3-methylphenol
 Concen: 44.36 ng
 RT: 12.18 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

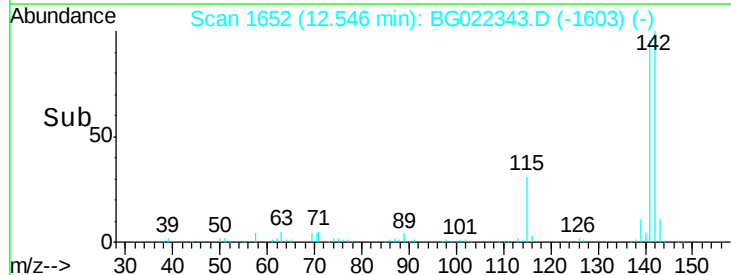
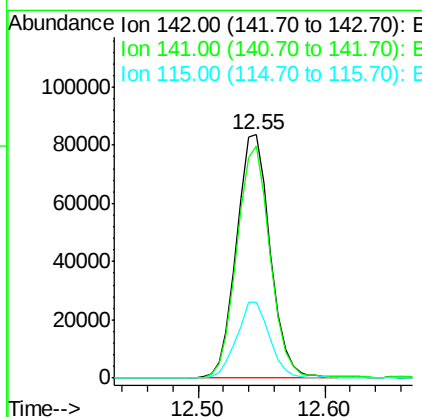
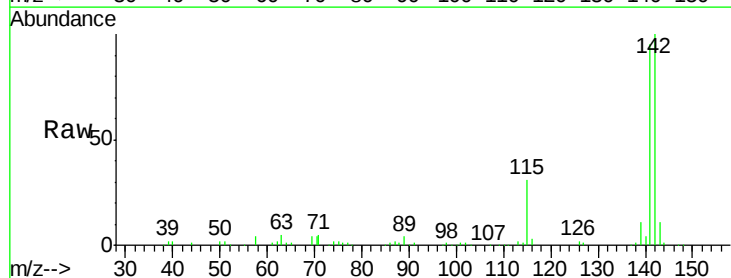
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

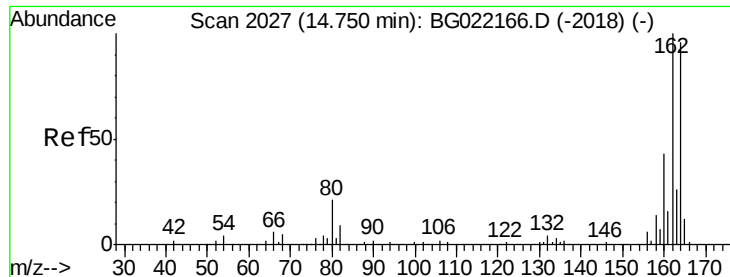
Tgt Ion:107 Resp: 81569
 Ion Ratio Lower Upper
 107 100
 144 28.5 19.2 28.8
 142 87.8 59.1 88.7



#37
 2-Methylnaphthalene
 Concen: 35.48 ng
 RT: 12.55 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:142 Resp: 154665
 Ion Ratio Lower Upper
 142 100
 141 95.1 71.4 107.0
 115 31.2 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: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

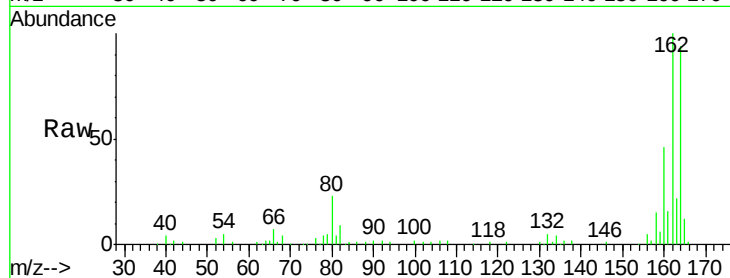
Tgt Ion:164 Resp: 75791

Ion Ratio Lower Upper

164 100

162 106.0 78.0 117.0

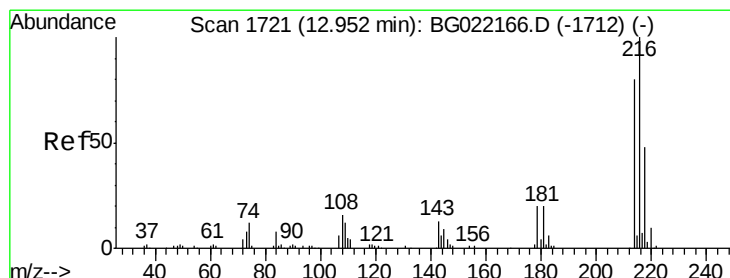
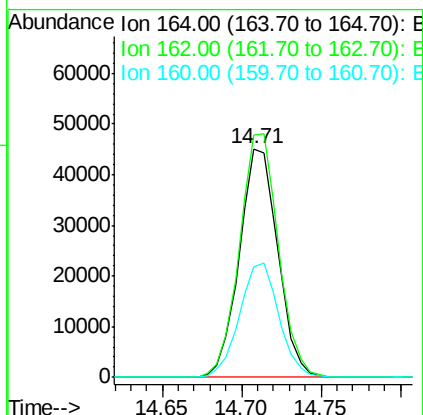
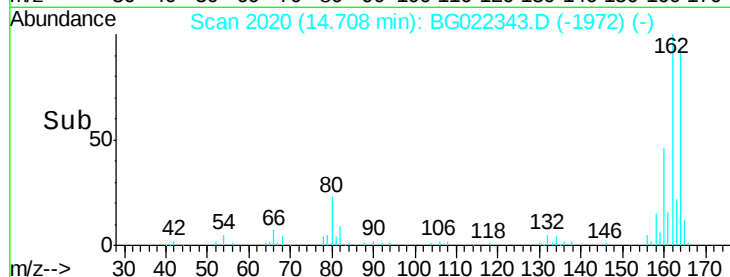
160 48.5 32.9 49.3



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: 33.69 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Tgt Ion:216 Resp: 65721

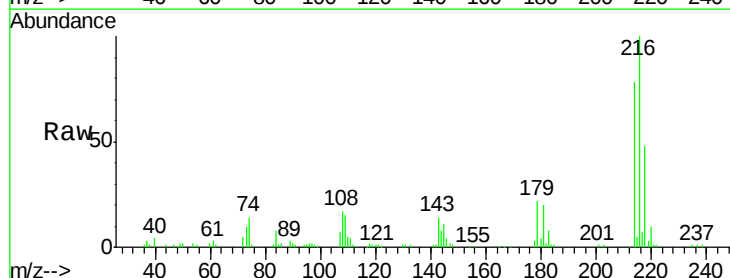
Ion Ratio Lower Upper

216 100

214 77.8 62.2 93.2

179 22.4 16.7 25.1

108 19.7 14.0 21.0

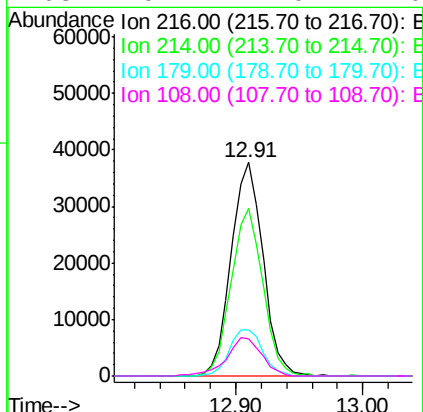
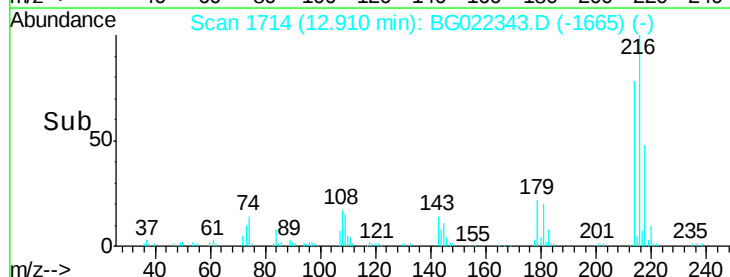


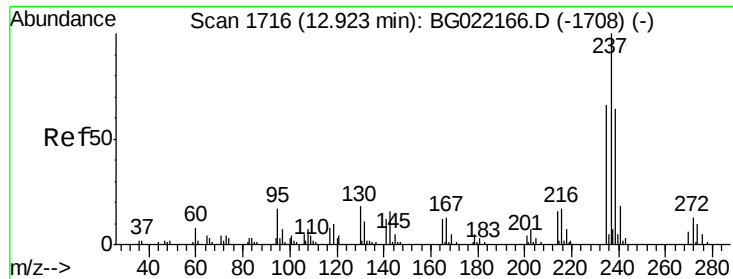
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.88 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

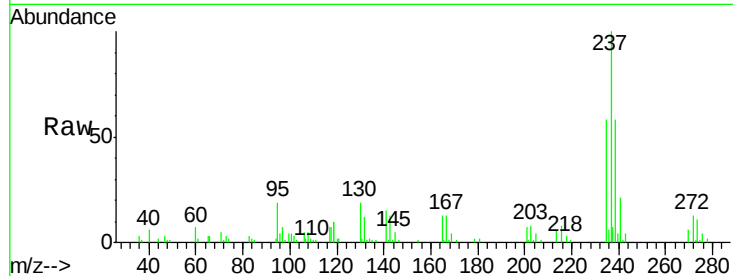
Tgt Ion:237 Resp: 37985

Ion Ratio Lower Upper

237 100

235 58.2 43.2 83.2

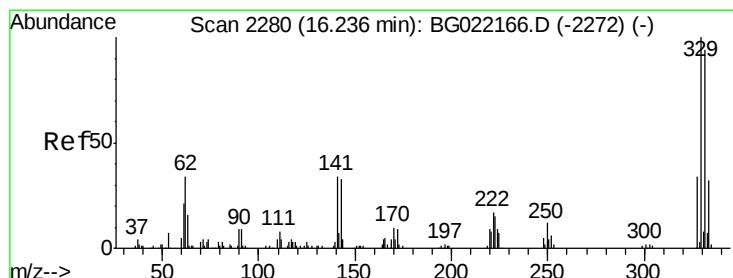
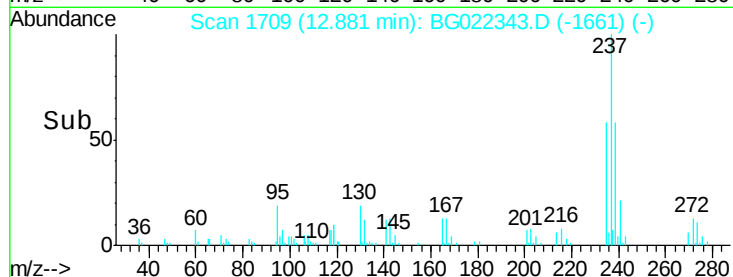
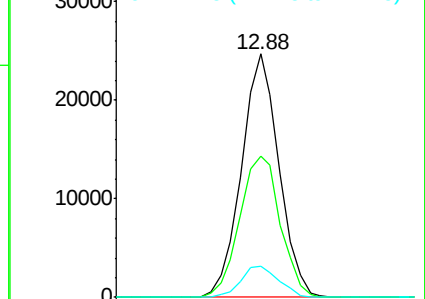
272 12.5 0.0 33.4



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: 109.54 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

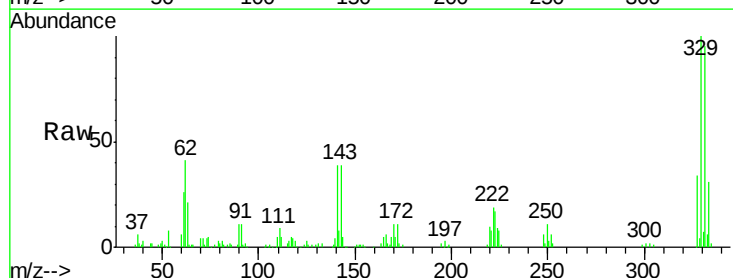
Tgt Ion:330 Resp: 93814

Ion Ratio Lower Upper

330 100

332 95.4 78.0 117.0

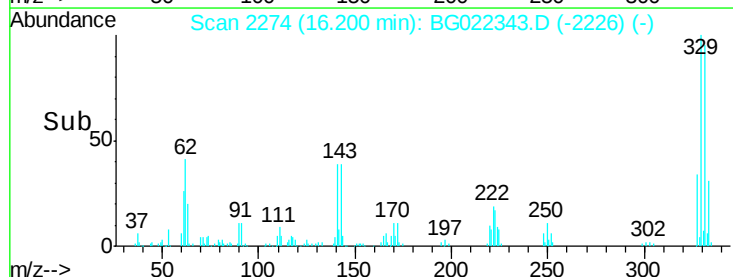
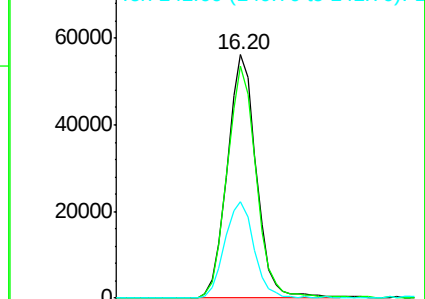
141 40.1 33.8 50.8

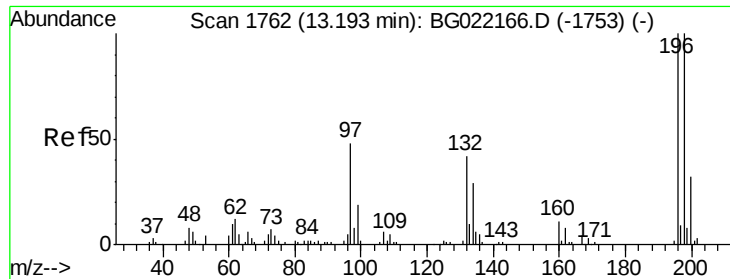


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 39.95 ng

RT: 13.15 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

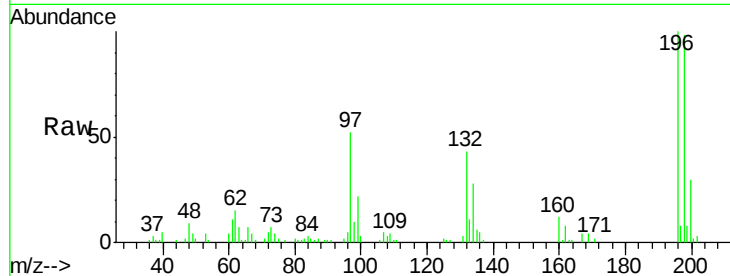
Tgt Ion:196 Resp: 52286

Ion Ratio Lower Upper

196 100

198 98.4 80.1 120.1

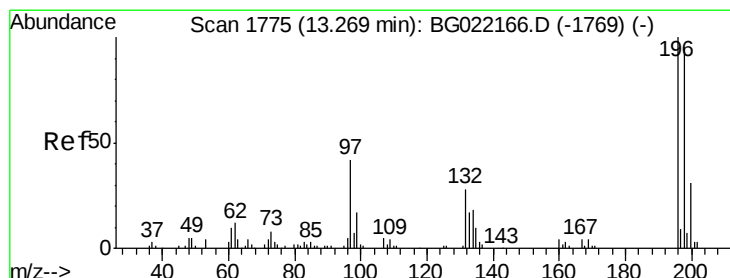
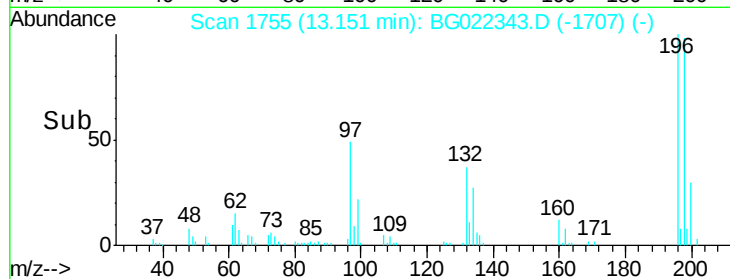
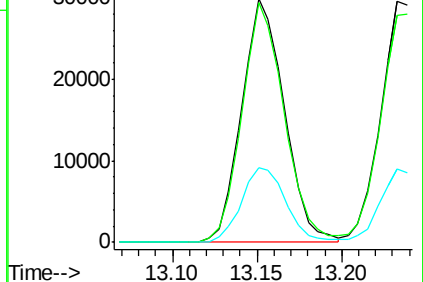
200 32.2 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 39.32 ng

RT: 13.23 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Tgt Ion:196 Resp: 56853

Ion Ratio Lower Upper

196 100

198 94.2 78.0 117.0

97 46.6 43.0 64.6

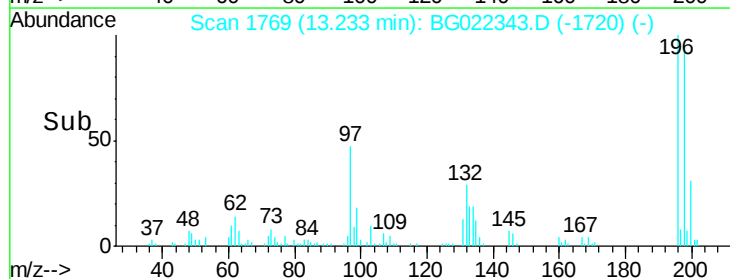
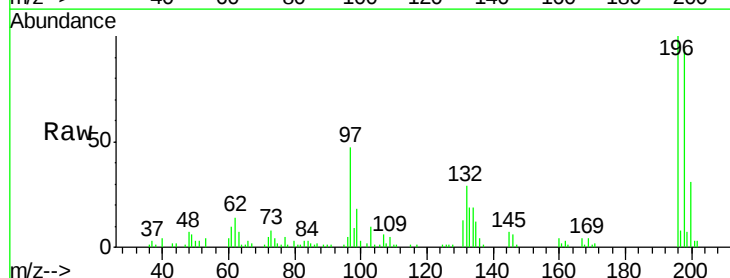
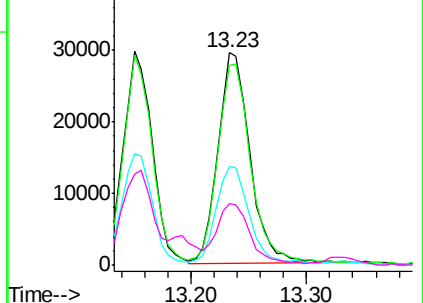
132 29.1 23.0 34.4

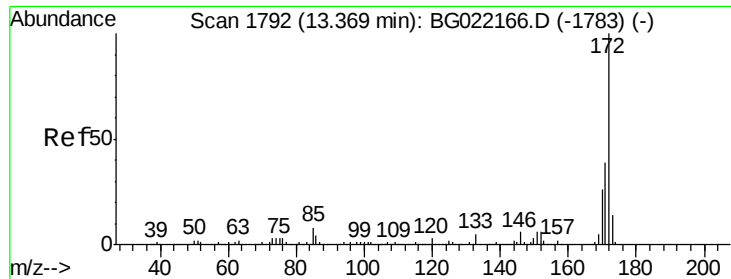
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

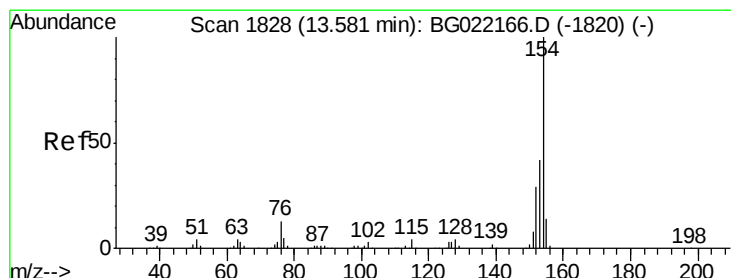
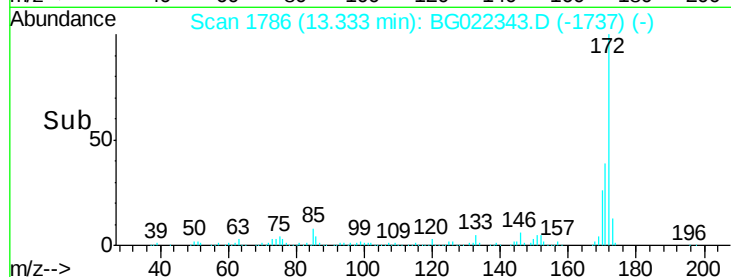
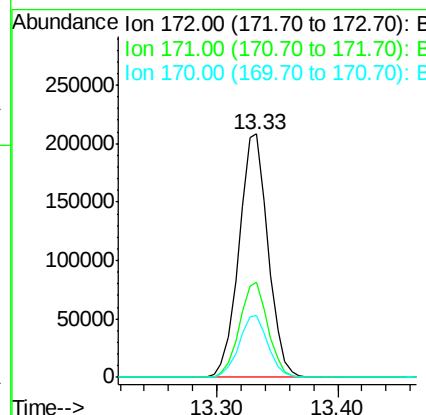
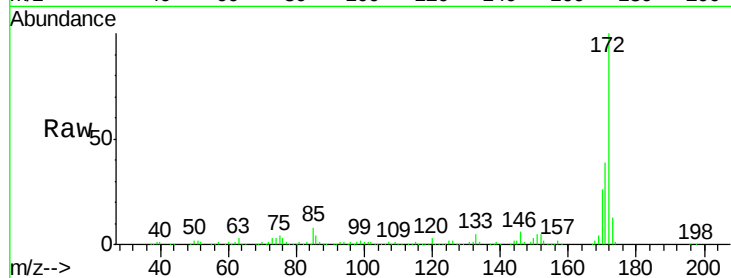




#44
 2-Fluorobiphenyl
 Concen: 70.05 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

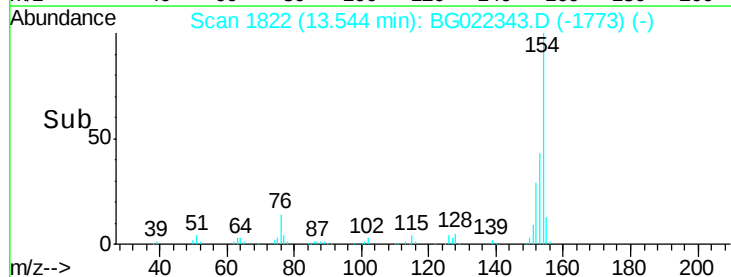
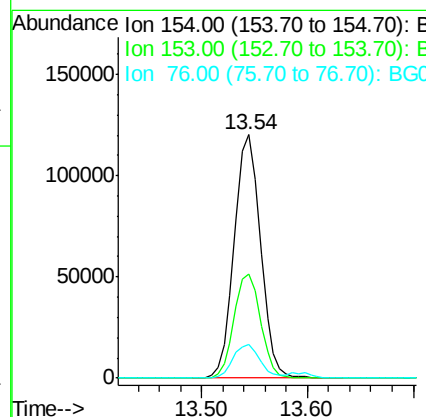
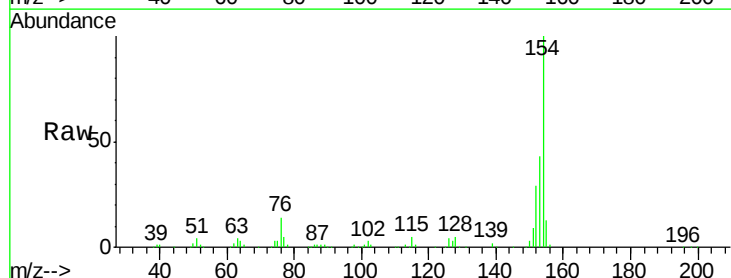
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

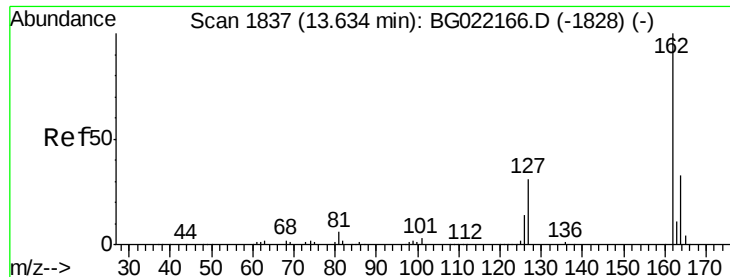
Tgt Ion:172 Resp: 348406
 Ion Ratio Lower Upper
 172 100
 171 39.0 27.8 41.6
 170 25.6 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 36.24 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:154 Resp: 206729
 Ion Ratio Lower Upper
 154 100
 153 43.0 19.7 59.7
 76 14.0 0.0 33.0

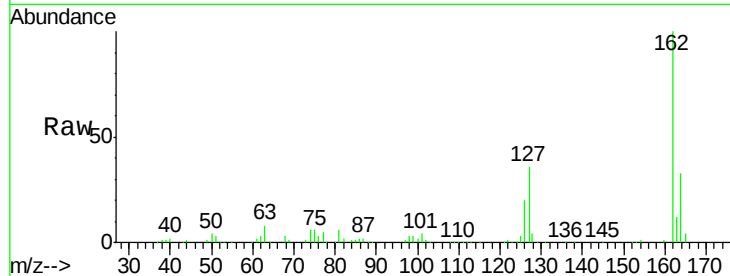




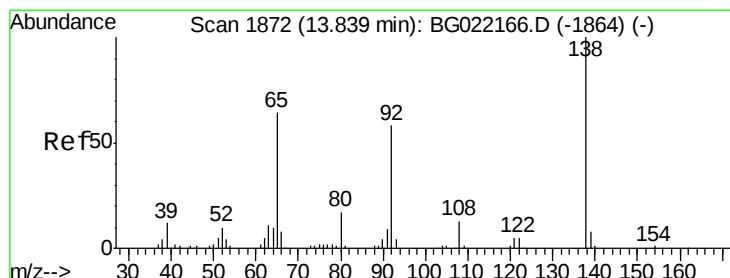
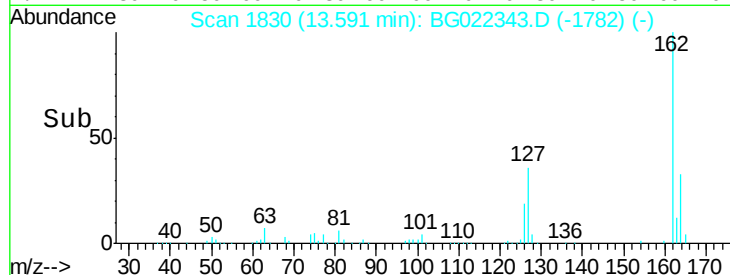
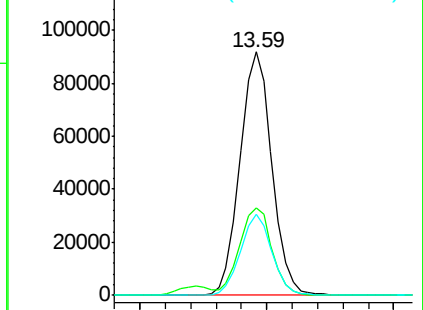
#46
2-Chloronaphthalene
Concen: 36.59 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Instrument :
BNA_G
ClientSampleId :
PB91291BS

Tgt Ion: 162 Resp: 159984
Ion Ratio Lower Upper
162 100
127 35.8 32.0 48.0
164 33.4 27.0 40.4

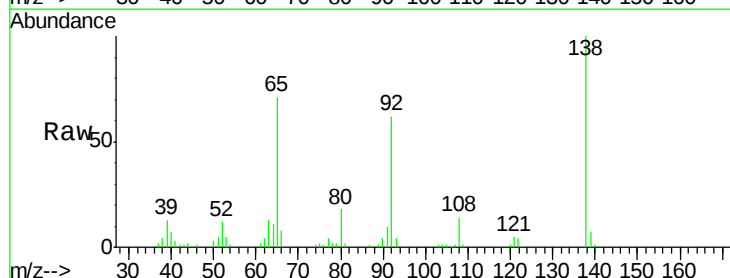


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

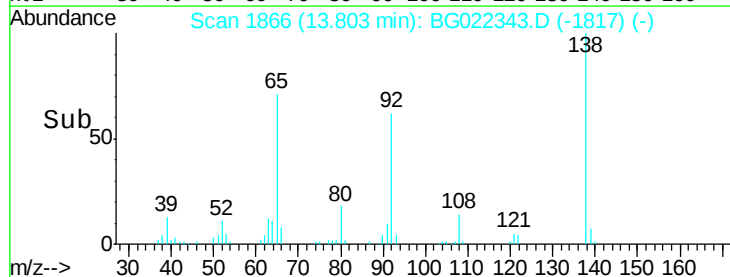
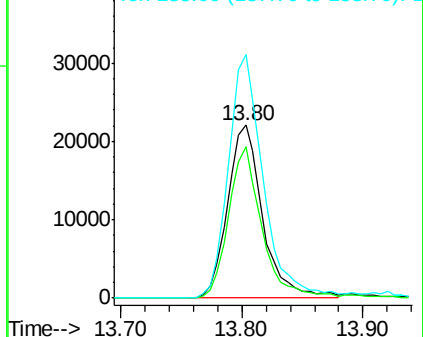


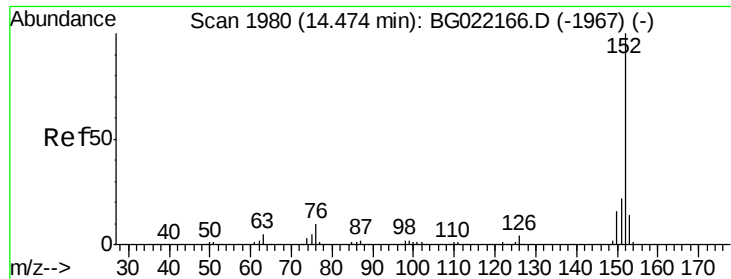
#47
2-Nitroaniline
Concen: 42.84 ng
RT: 13.80 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion: 65 Resp: 44662
Ion Ratio Lower Upper
65 100
92 87.6 49.2 73.8#
138 140.7 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: 37.11 ng

RT: 14.44 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

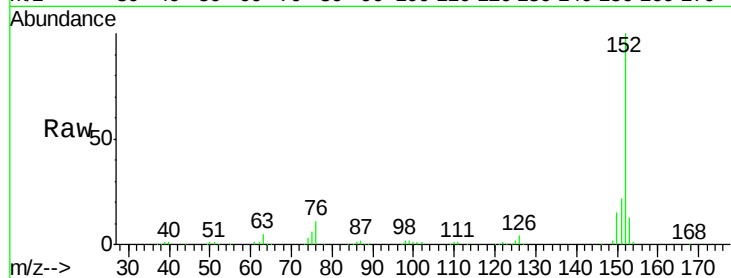
Tgt Ion:152 Resp: 284673

Ion Ratio Lower Upper

152 100

151 22.1 16.6 24.8

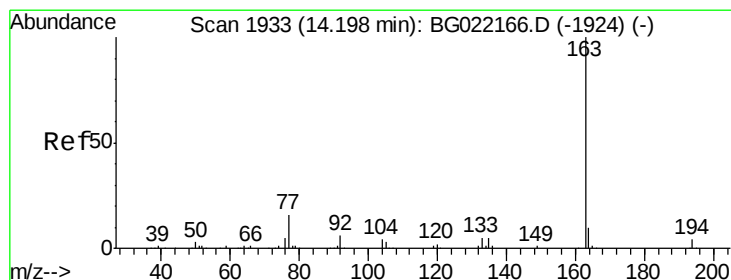
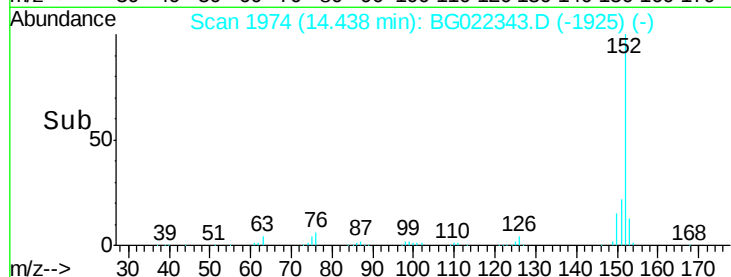
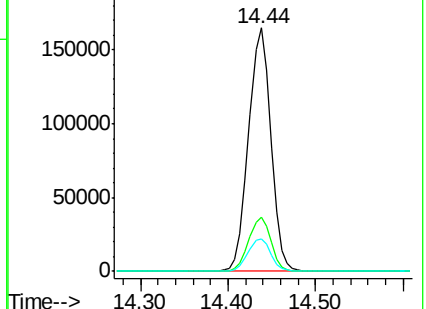
153 13.4 10.2 15.2



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: 35.99 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

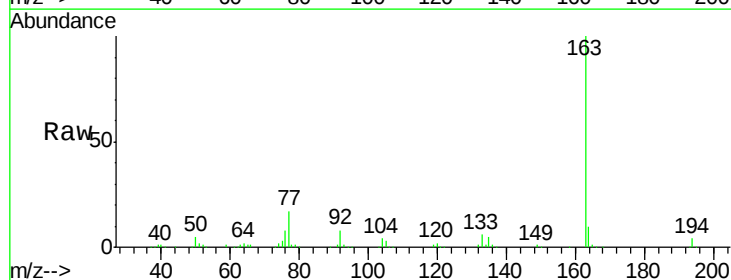
Tgt Ion:163 Resp: 226140

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

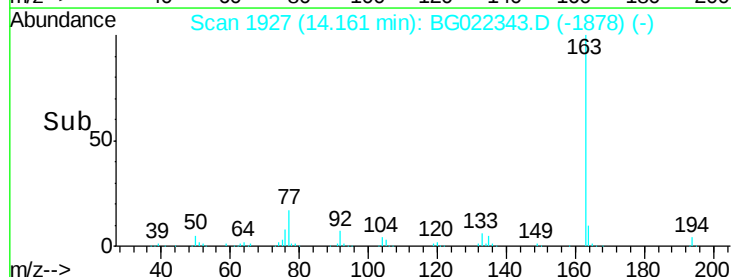
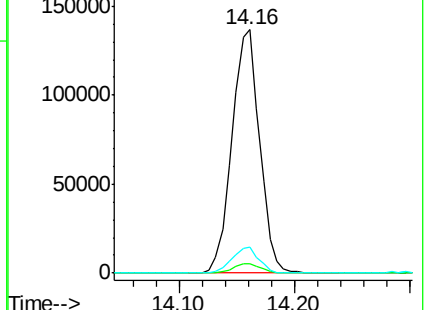
164 10.5 8.1 12.1

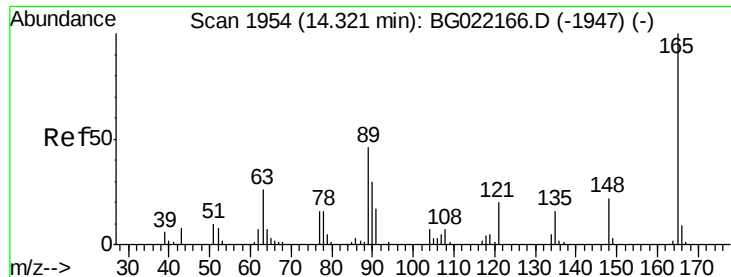


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

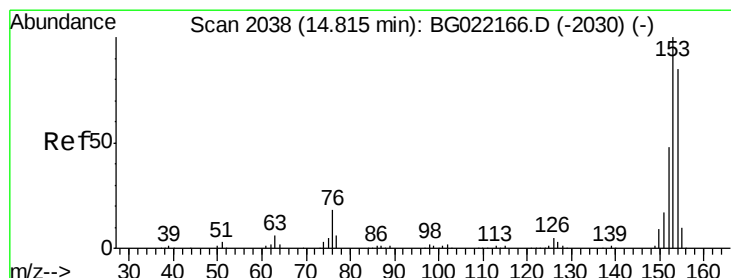
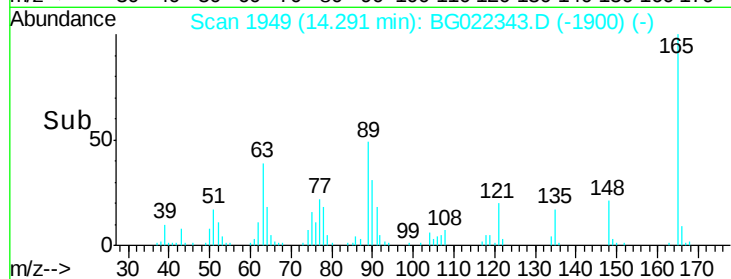
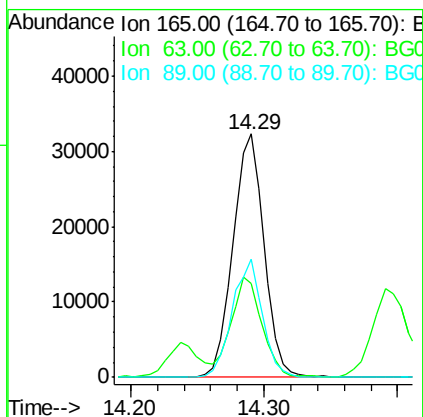
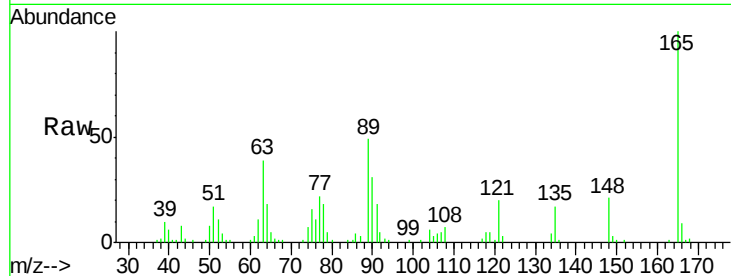




#50
 2,6-Dinitrotoluene
 Concen: 38.14 ng
 RT: 14.29 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

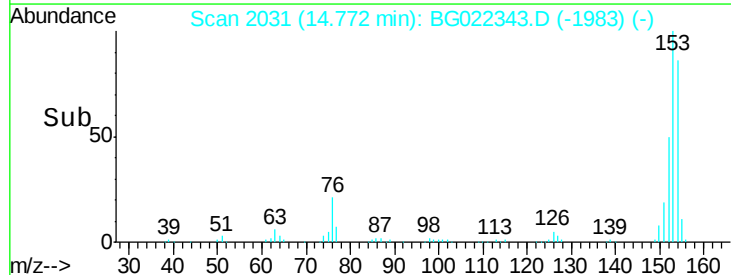
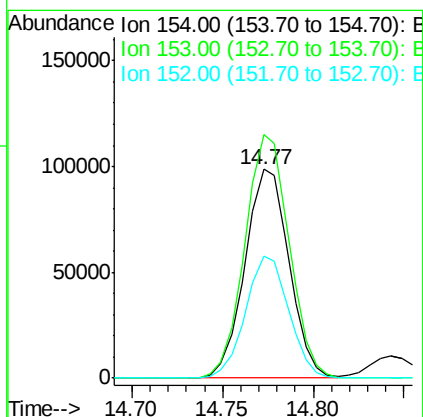
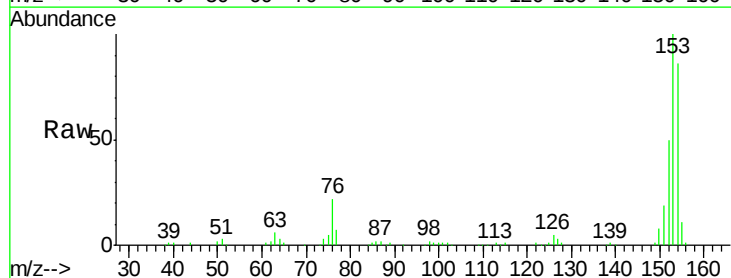
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

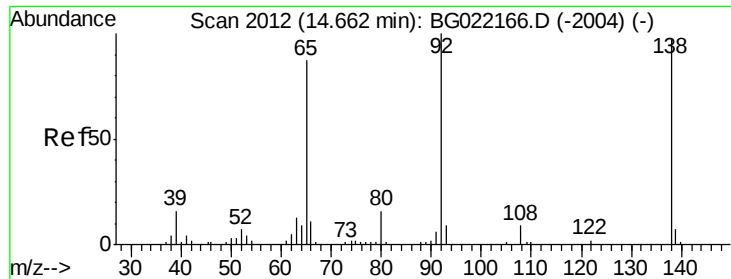
Tgt Ion:165 Resp: 52105
 Ion Ratio Lower Upper
 165 100
 63 38.7 48.2 72.4#
 89 48.5 45.3 67.9



#51
 Acenaphthene
 Concen: 36.37 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:154 Resp: 167153
 Ion Ratio Lower Upper
 154 100
 153 116.6 91.9 137.9
 152 58.4 42.0 63.0

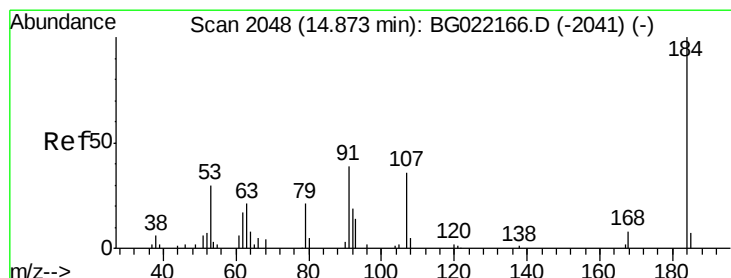
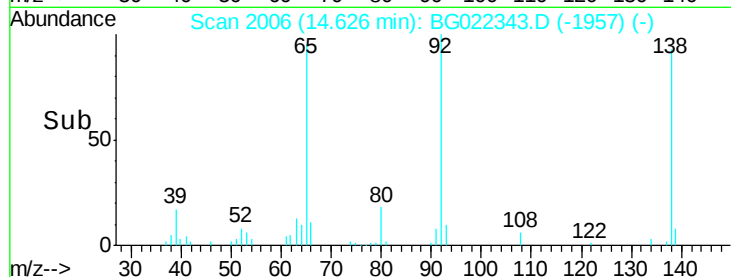
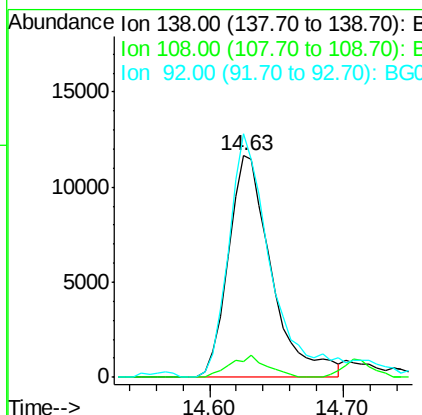
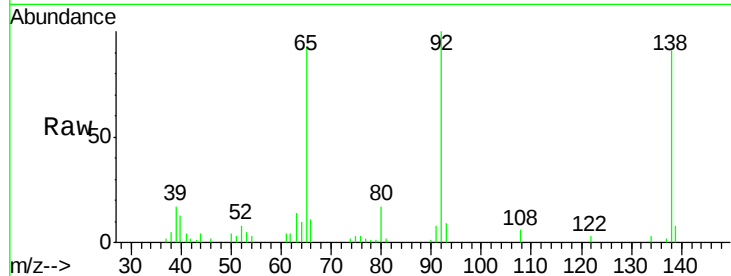




#52
 3-Nitroaniline
 Concen: 17.24 ng
 RT: 14.63 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

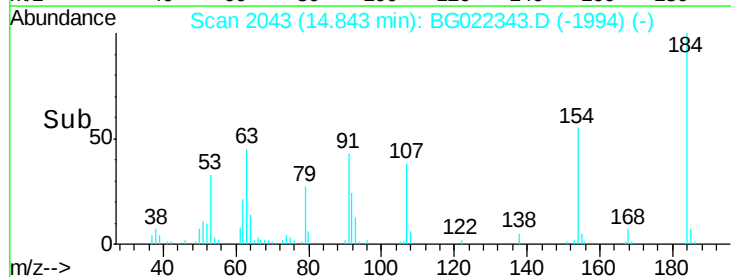
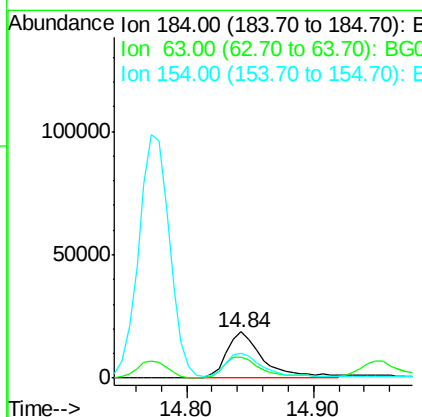
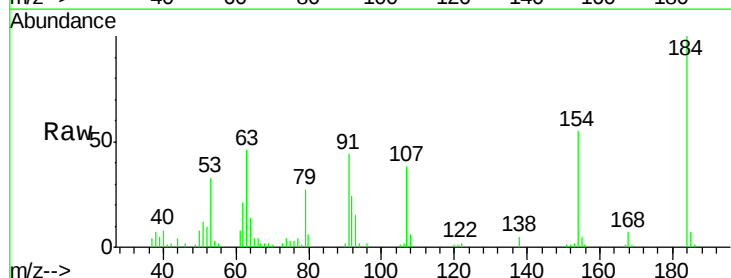
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

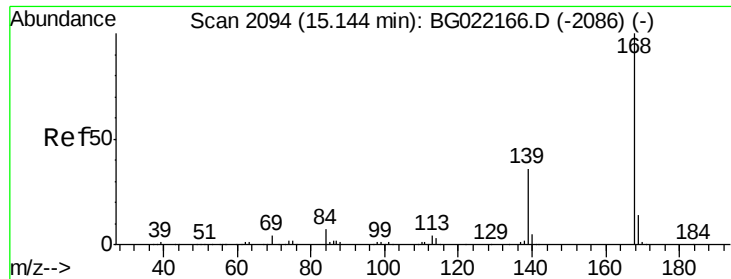
Tgt Ion:138 Resp: 26122
 Ion Ratio Lower Upper
 138 100
 108 7.0 9.1 13.7#
 92 109.9 102.6 154.0



#53
 2,4-Dinitrophenol
 Concen: 69.22 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:184 Resp: 37666
 Ion Ratio Lower Upper
 184 100
 63 46.3 57.3 85.9#
 154 55.0 55.2 82.8#





#54

Dibenzenofuran

Concen: 36.94 ng

RT: 15.11 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

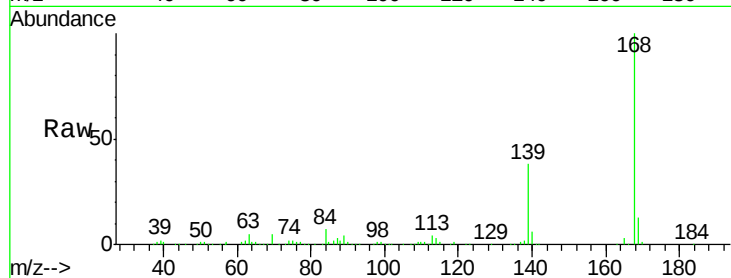
Tgt Ion:168 Resp: 264928

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

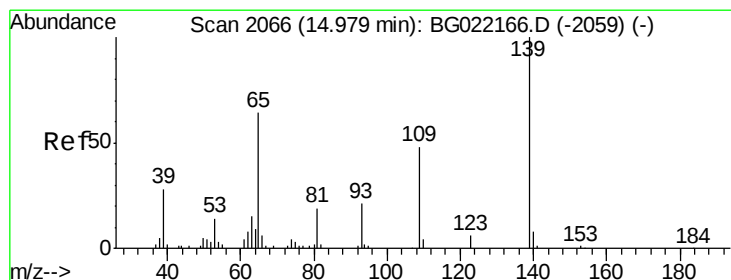
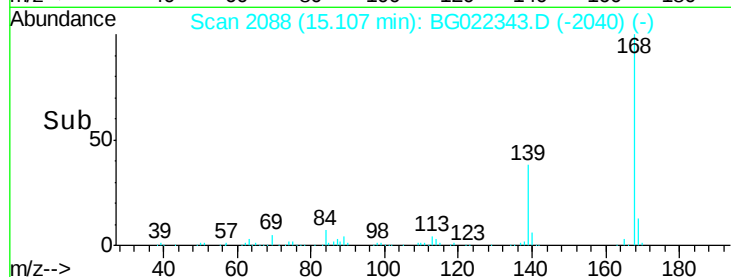
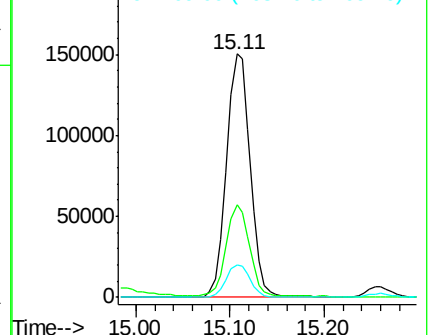
169 13.3 11.0 16.6



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: 72.91 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

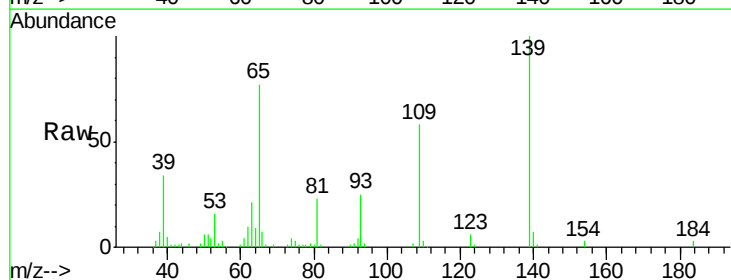
Tgt Ion:139 Resp: 76242

Ion Ratio Lower Upper

139 100

109 58.3 49.2 89.2

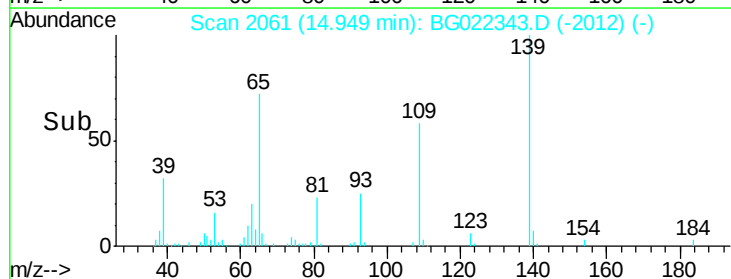
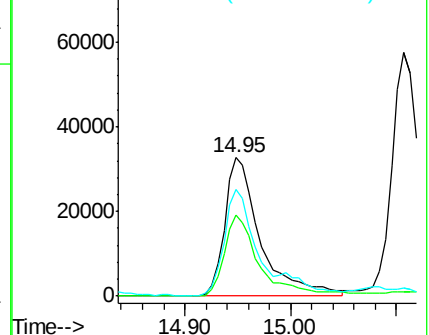
65 77.4 83.2 123.2#

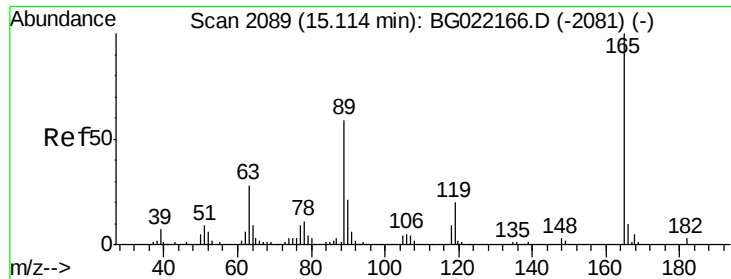


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

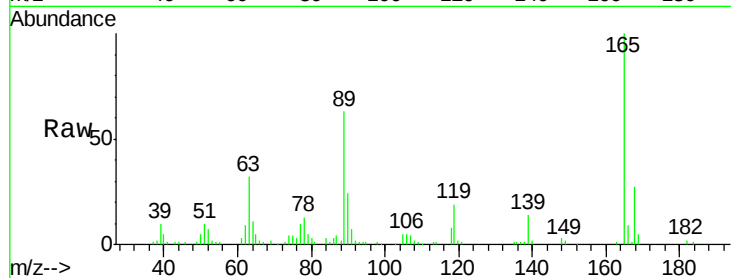




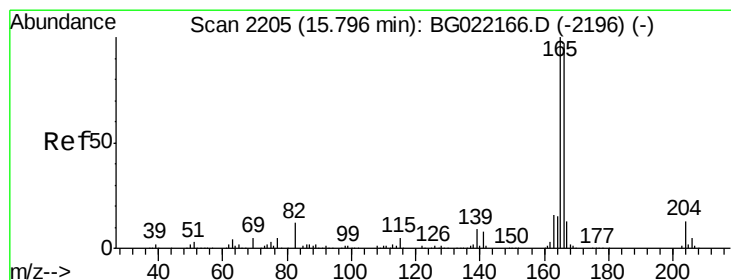
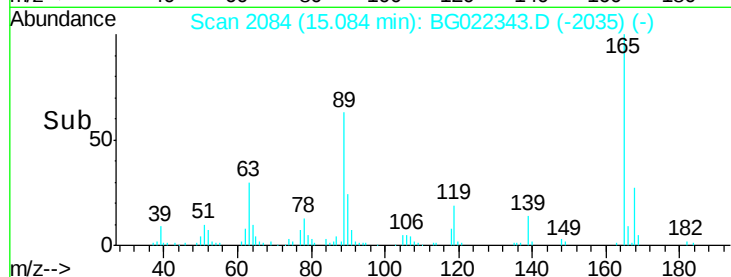
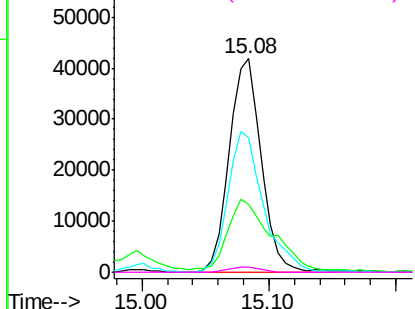
#56
2,4-Dinitrotoluene
Concen: 39.93 ng
RT: 15.08 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Instrument :
BNA_G
ClientSampleId :
PB91291BS

Tgt Ion:165 Resp: 73176
Ion Ratio Lower Upper
165 100
63 31.8 37.4 56.0#
89 63.0 59.4 89.0
182 2.5 2.1 3.1

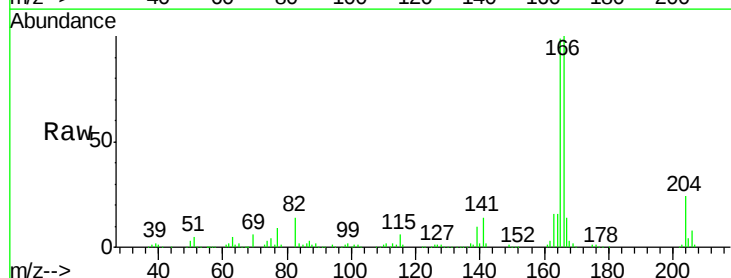


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

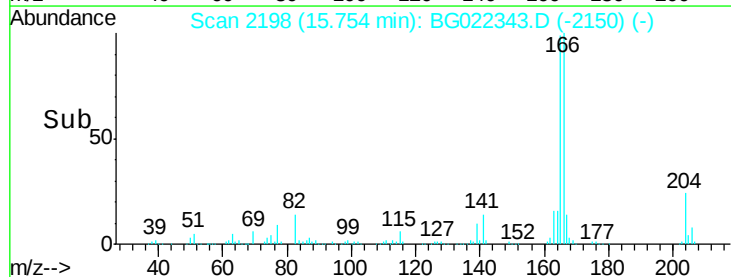
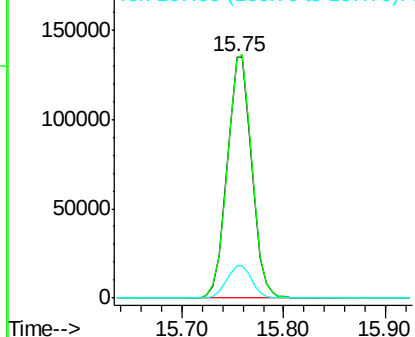


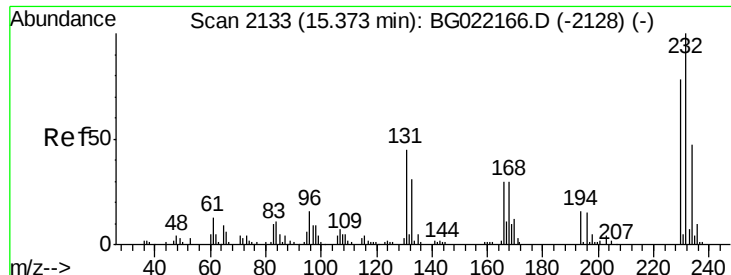
#57
Fluorene
Concen: 36.73 ng
RT: 15.75 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:166 Resp: 226950
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.4
167 13.7 10.7 16.1



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

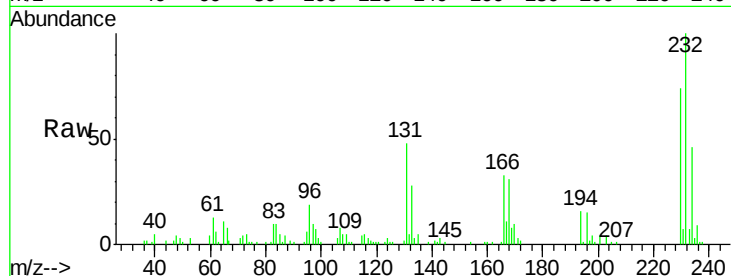




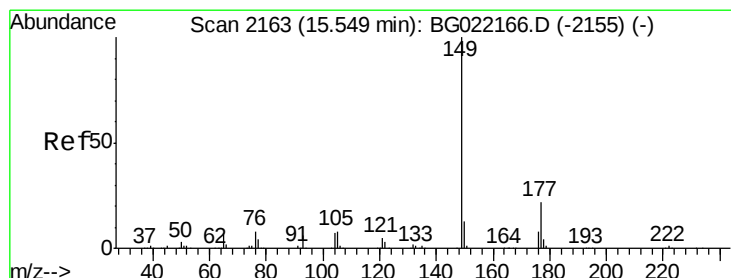
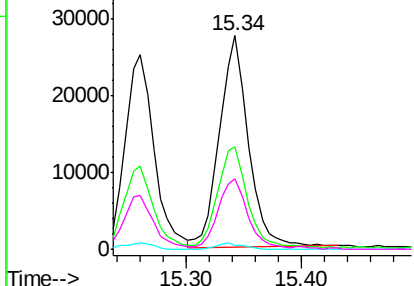
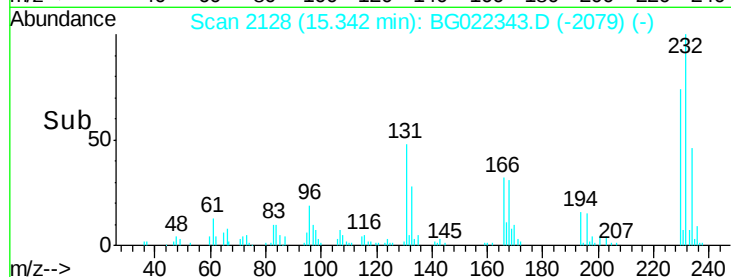
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.87 ng
 RT: 15.34 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

Tgt Ion: 232 Resp: 47820
 Ion Ratio Lower Upper
 232 100
 131 49.4 36.3 54.5
 130 2.6 1.9 2.9
 166 35.2 25.0 37.4

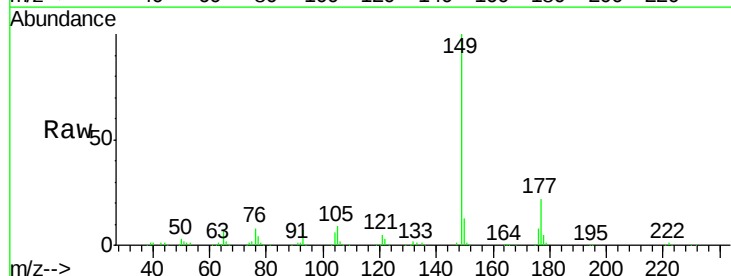


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

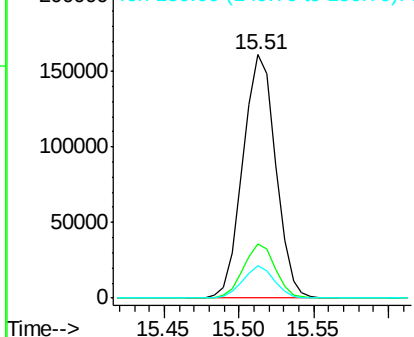
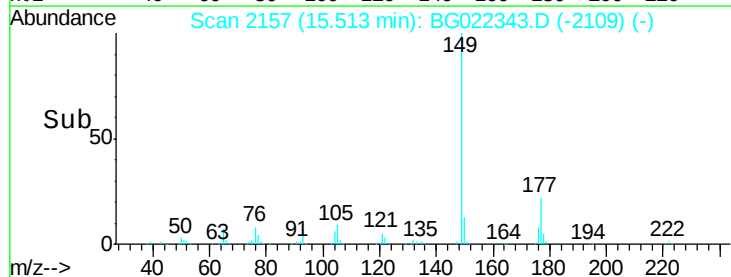


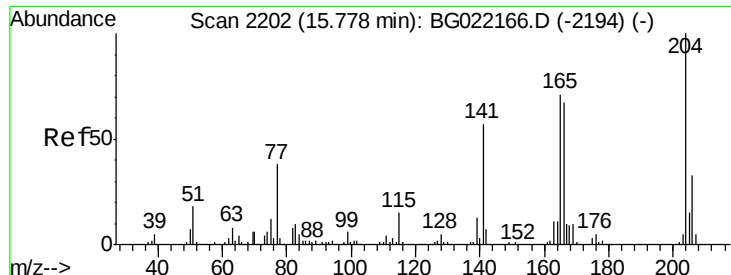
#59
 Diethylphthalate
 Concen: 36.40 ng
 RT: 15.51 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion: 149 Resp: 244314
 Ion Ratio Lower Upper
 149 100
 177 22.1 17.3 25.9
 150 13.3 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

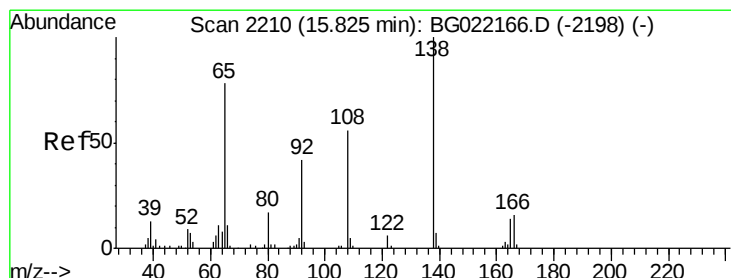
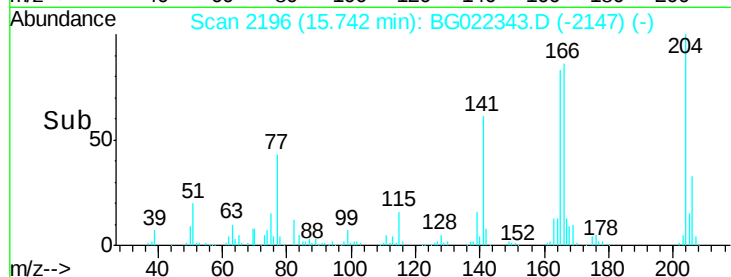
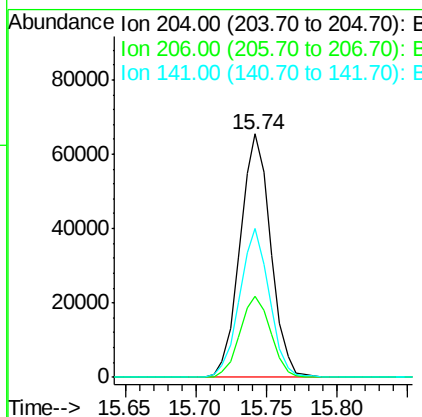
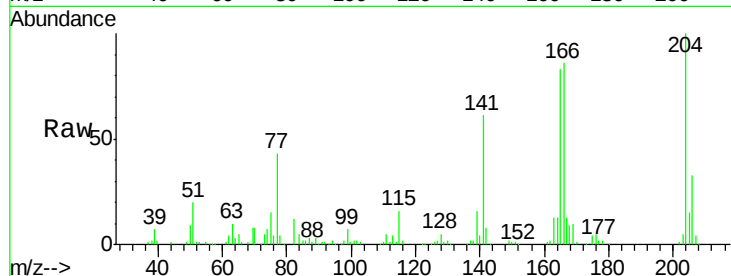




#60
4-Chlorophenyl-phenylether
Concen: 35.52 ng
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

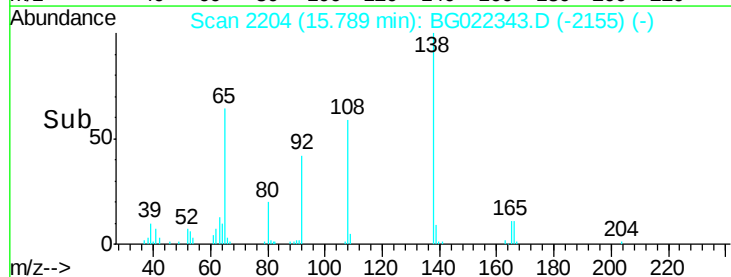
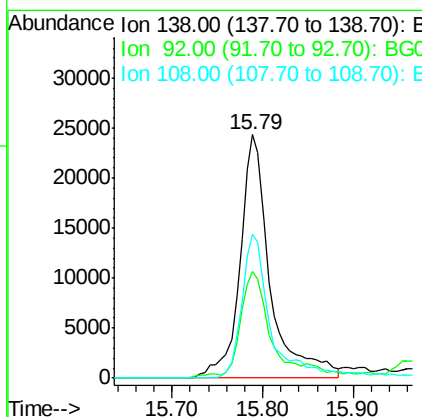
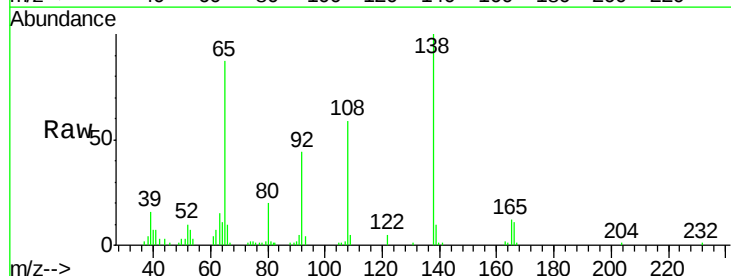
Instrument :
BNA_G
ClientSampleId :
PB91291BS

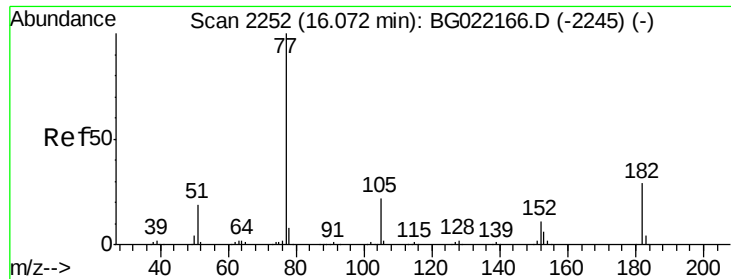
Tgt Ion:204 Resp: 99390
Ion Ratio Lower Upper
204 100
206 33.0 27.8 41.8
141 61.4 51.0 76.4



#61
4-Nitroaniline
Concen: 34.93 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:138 Resp: 56141
Ion Ratio Lower Upper
138 100
92 43.7 37.7 77.7
108 58.8 59.4 99.4#





#62

Azobenzene

Concen: 40.87 ng

RT: 16.04 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

Tgt Ion: 77 Resp: 207764

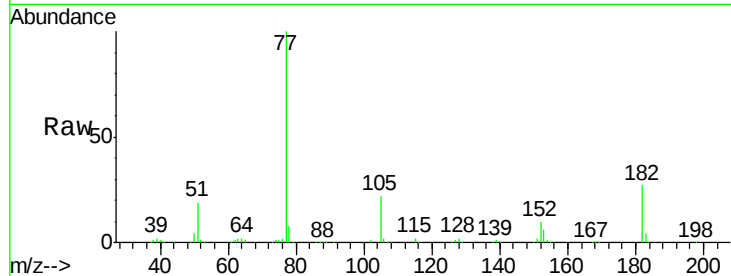
Ion Ratio Lower Upper

77 100

182 26.5 4.1 44.1

105 21.9 0.0 39.8

51 19.0 11.1 51.1

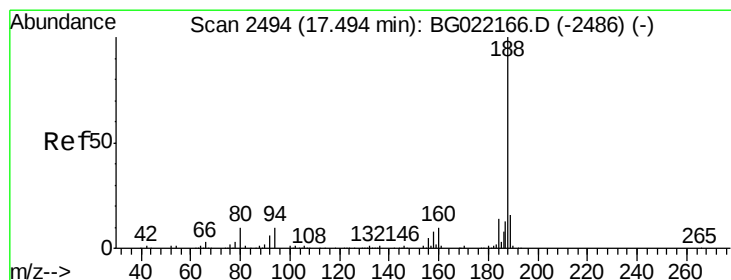
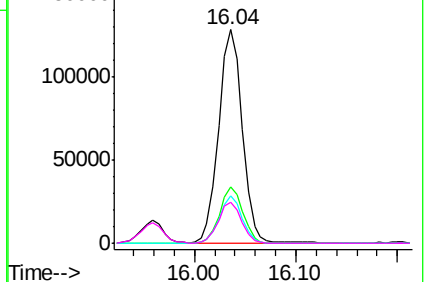
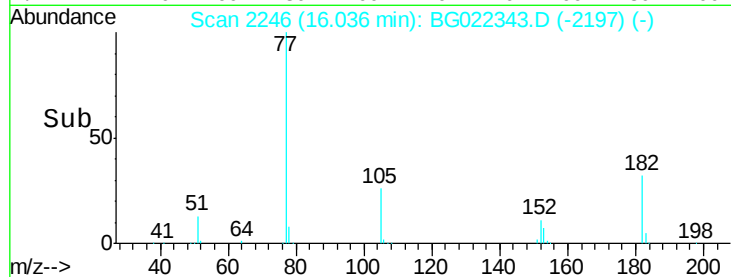


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG022343.D

Acq: 14 Jun 2016 20:25

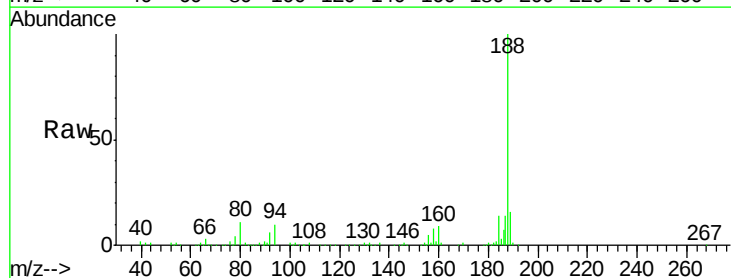
Tgt Ion: 188 Resp: 187781

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

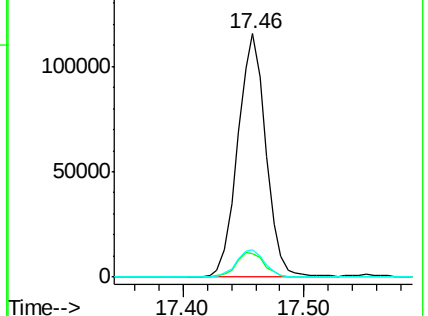
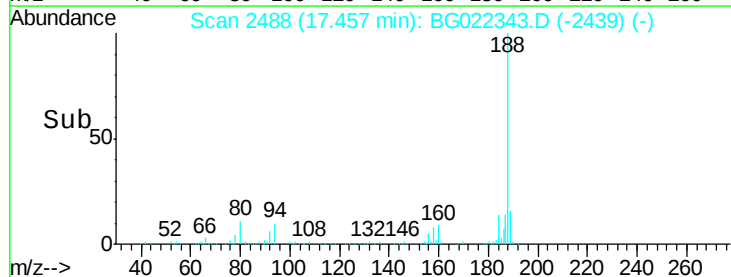
80 11.0 8.6 13.0

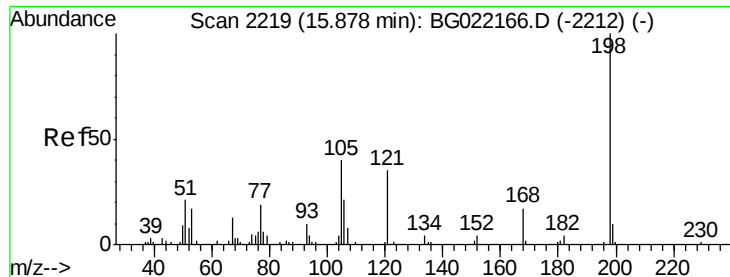


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.59 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

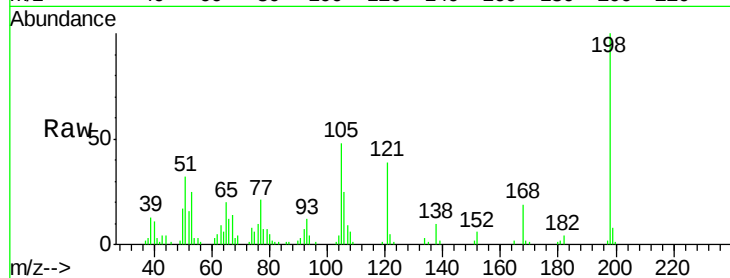
Tgt Ion:198 Resp: 35588

Ion Ratio Lower Upper

198 100

51 32.1 29.2 69.2

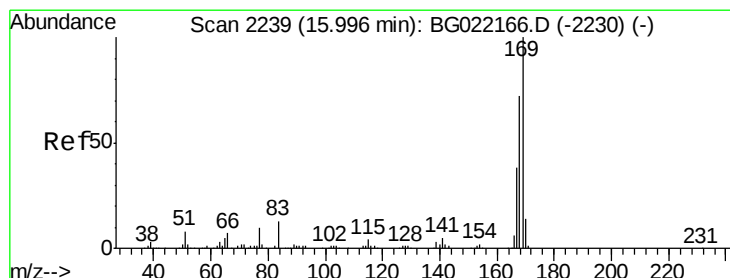
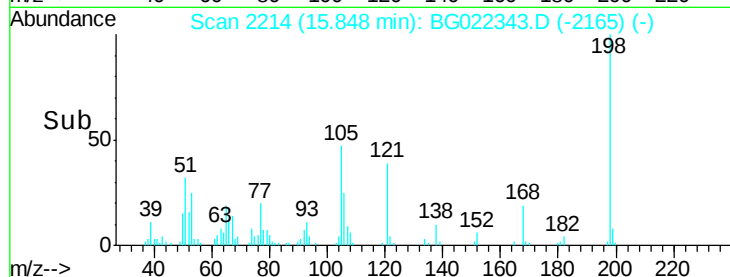
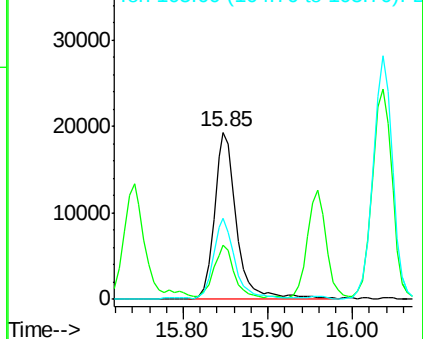
105 48.1 24.0 64.0



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: 36.93 ng

RT: 15.96 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

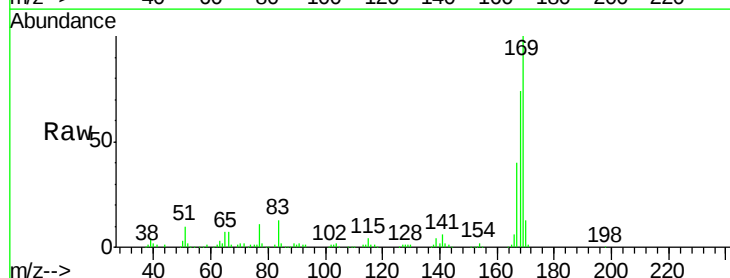
Tgt Ion:169 Resp: 199768

Ion Ratio Lower Upper

169 100

168 74.3 59.6 89.4

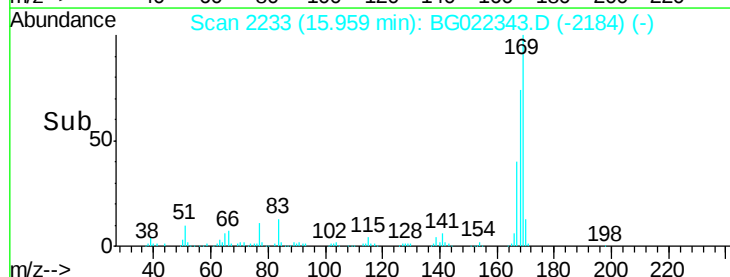
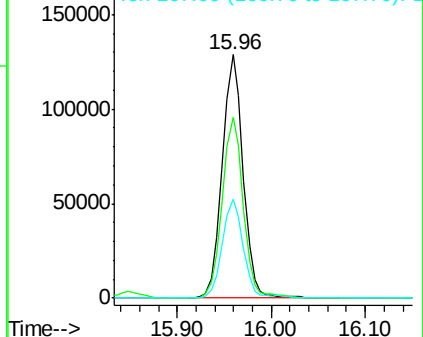
167 40.4 31.2 46.8

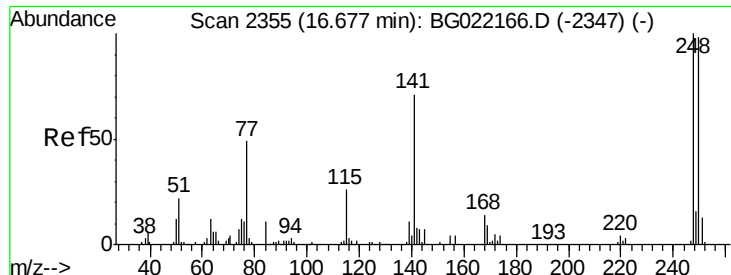


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

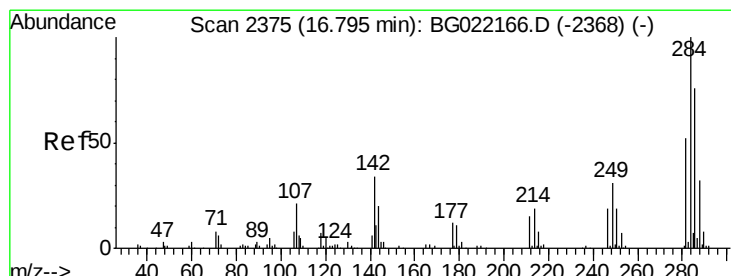
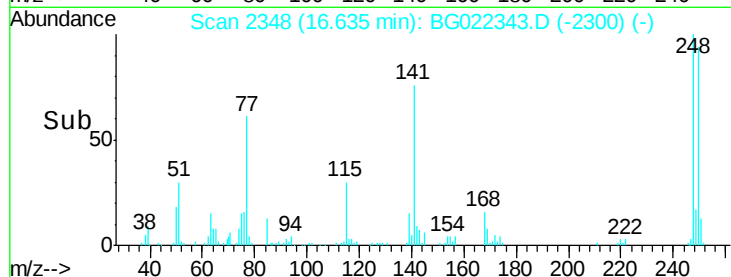
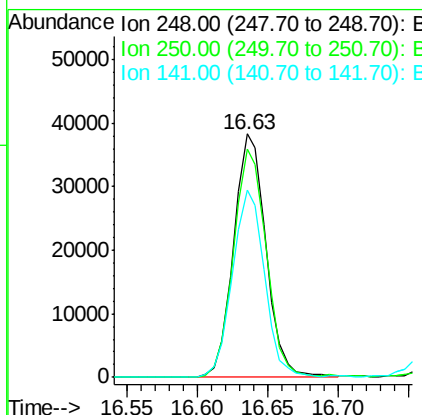
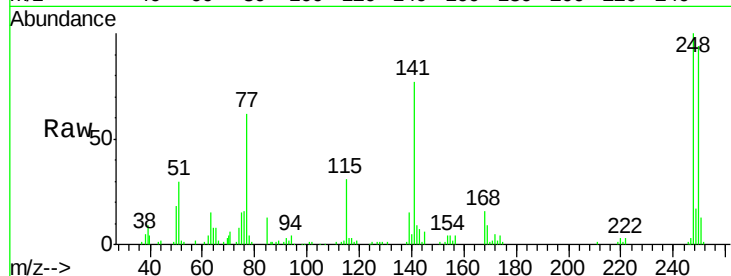




#66
 4-Bromophenyl-phenylether
 Concen: 34.74 ng
 RT: 16.63 min Scan# 2348
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

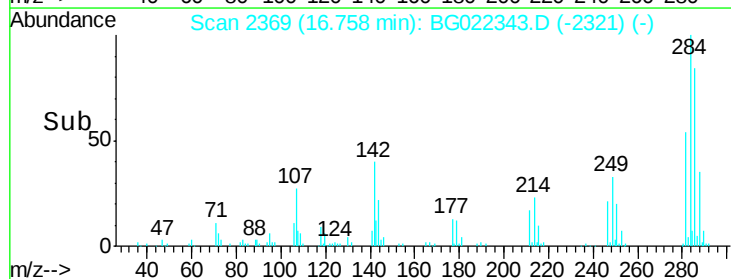
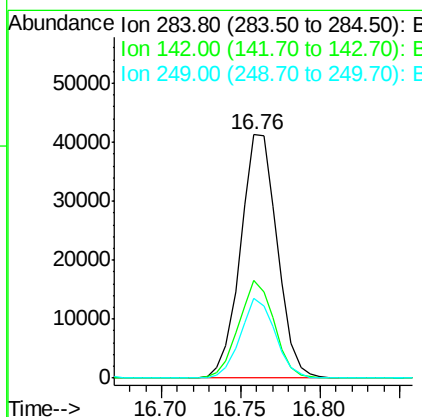
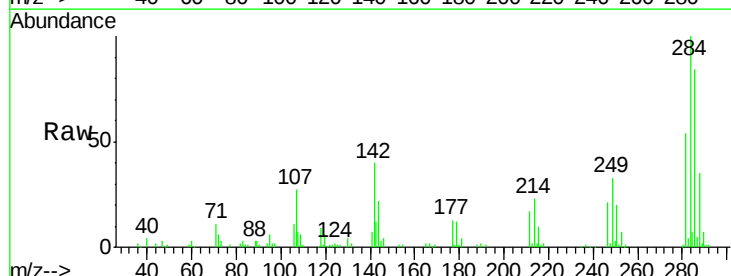
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

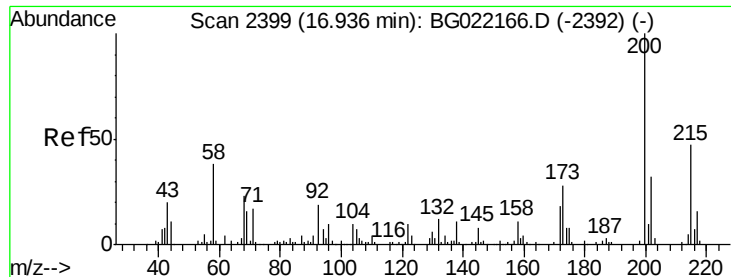
Tgt Ion:248 Resp: 61134
 Ion Ratio Lower Upper
 248 100
 250 93.8 76.6 114.8
 141 76.7 63.8 95.6



#67
 Hexachlorobenzene
 Concen: 32.38 ng
 RT: 16.76 min Scan# 2369
 Delta R.T. -0.02 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion:284 Resp: 66409
 Ion Ratio Lower Upper
 284 100
 142 40.2 31.8 47.6
 249 36.0 27.3 40.9





#68

Atrazine

Concen: 35.22 ng

RT: 16.90 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

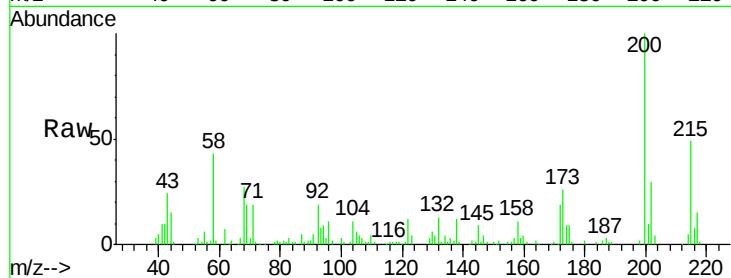
Tgt Ion:200 Resp: 70526

Ion Ratio Lower Upper

200 100

173 26.5 5.1 45.1

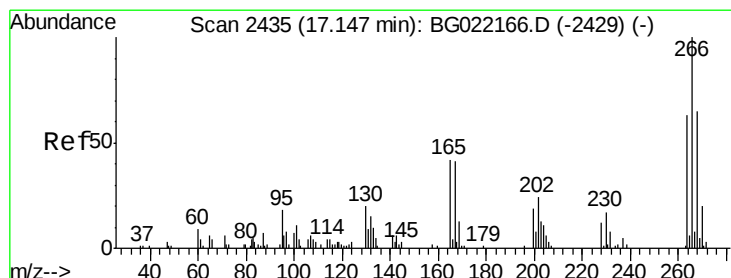
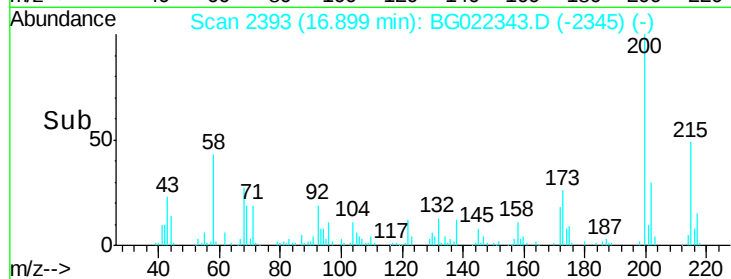
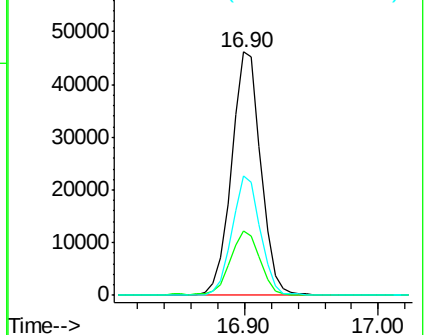
215 49.2 28.0 68.0



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: 61.39 ng

RT: 17.11 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

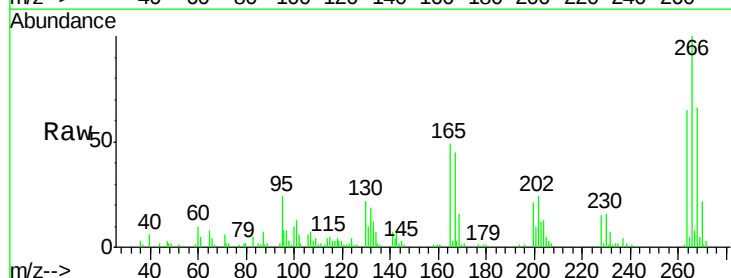
Tgt Ion:266 Resp: 55468

Ion Ratio Lower Upper

266 100

268 70.7 54.5 81.7

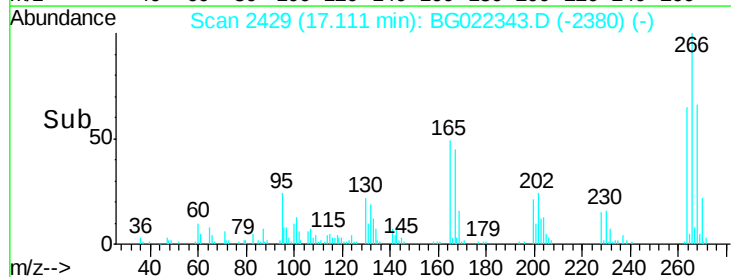
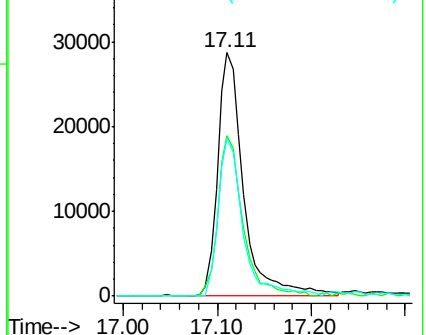
264 69.8 53.8 80.6

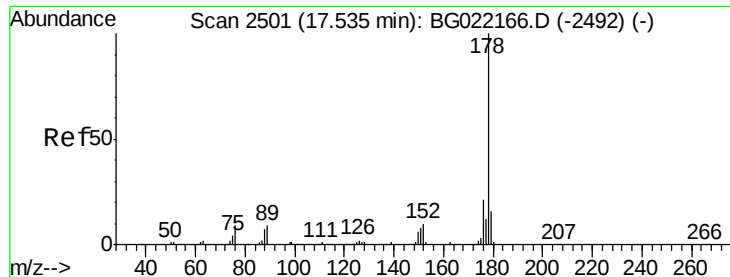


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 35.65 ng

RT: 17.50 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

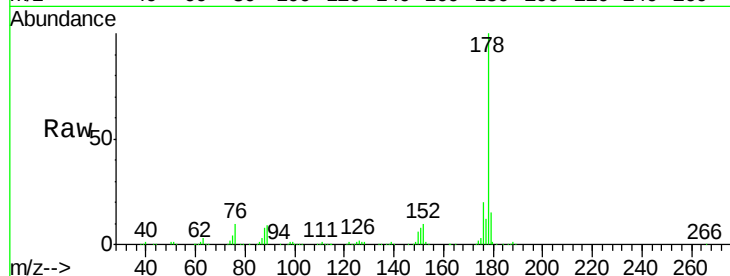
Tgt Ion:178 Resp: 363548

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

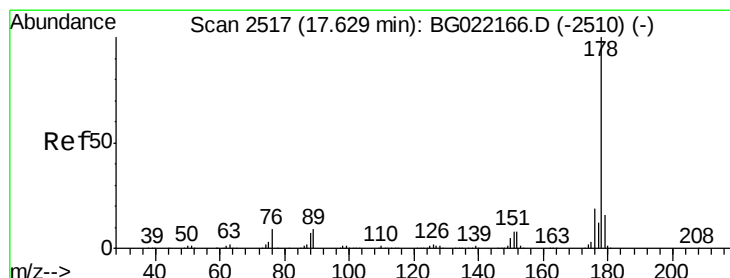
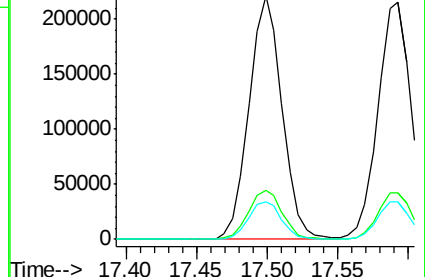
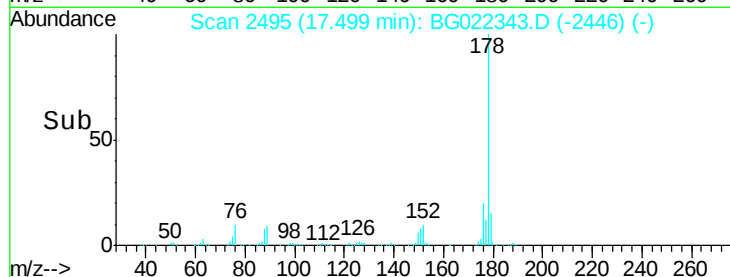
179 15.3 12.0 18.0



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: 35.79 ng

RT: 17.59 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

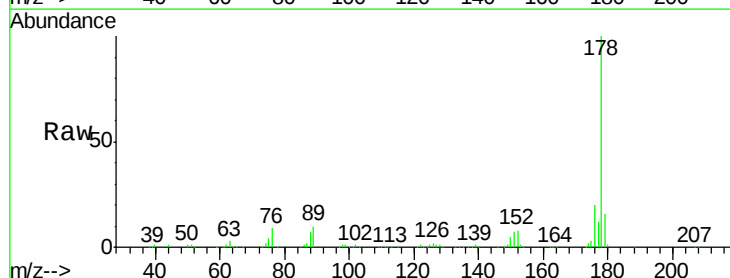
Tgt Ion:178 Resp: 361994

Ion Ratio Lower Upper

178 100

176 19.8 15.0 22.4

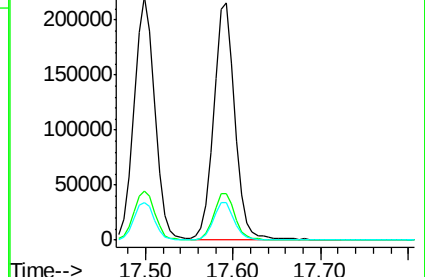
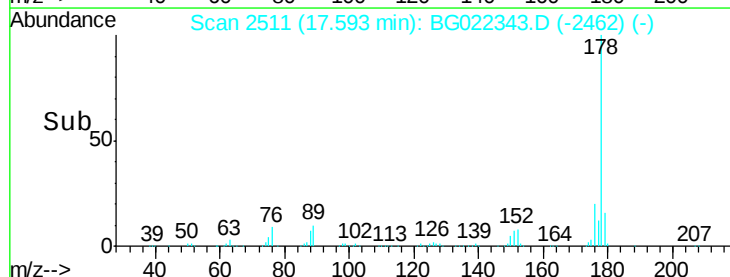
179 15.8 12.2 18.4

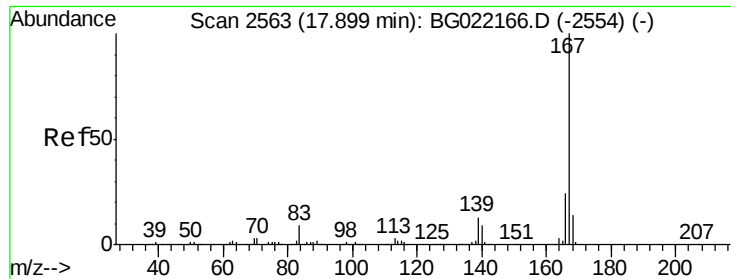


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 36.10 ng

RT: 17.86 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

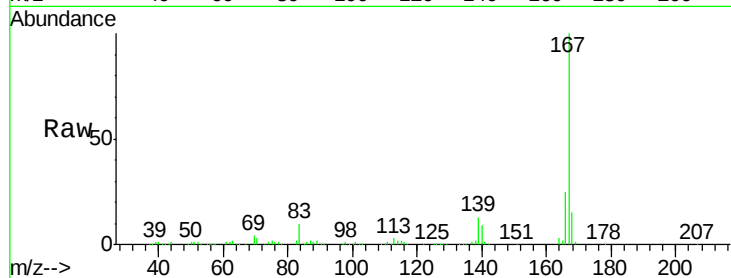
Tgt Ion:167 Resp: 345852

Ion Ratio Lower Upper

167 100

166 25.1 18.6 27.8

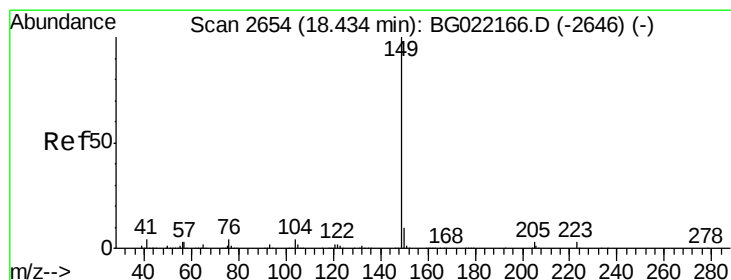
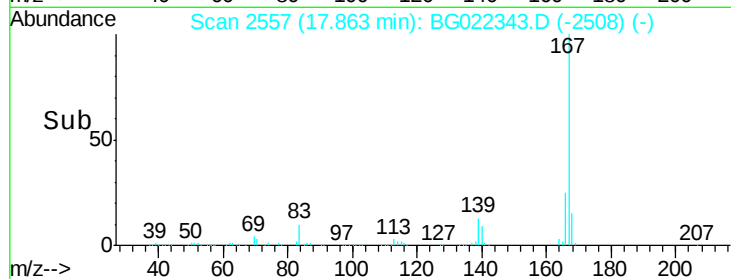
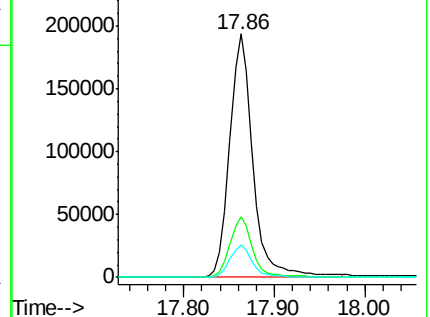
139 13.2 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.08 ng

RT: 18.40 min Scan# 2648

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

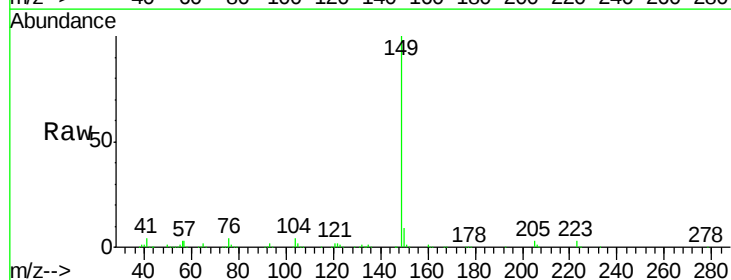
Tgt Ion:149 Resp: 464456

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

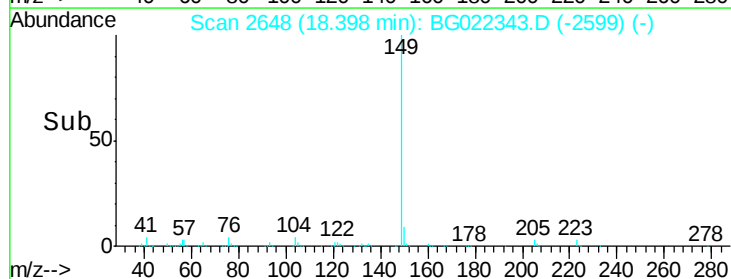
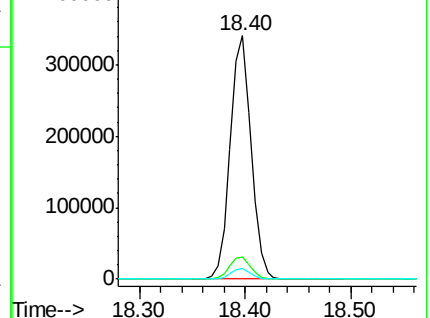
104 4.4 4.0 6.0

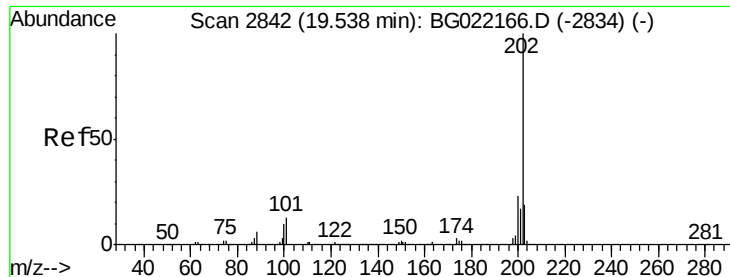


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 35.21 ng

RT: 19.50 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

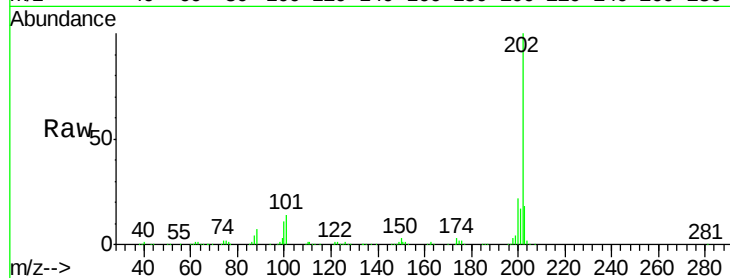
Tgt Ion:202 Resp: 412876

Ion Ratio Lower Upper

202 100

101 14.2 0.0 31.0

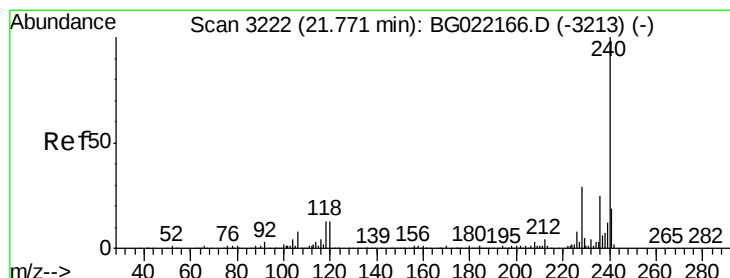
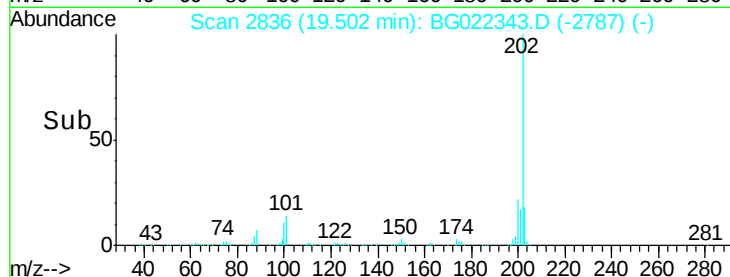
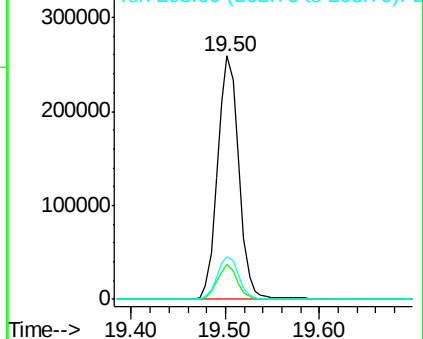
203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

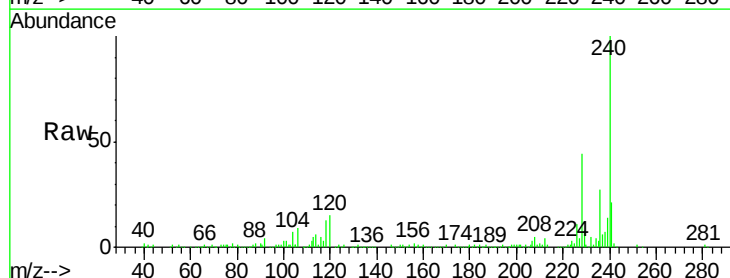
Tgt Ion:240 Resp: 164565

Ion Ratio Lower Upper

240 100

120 14.8 8.4 12.6#

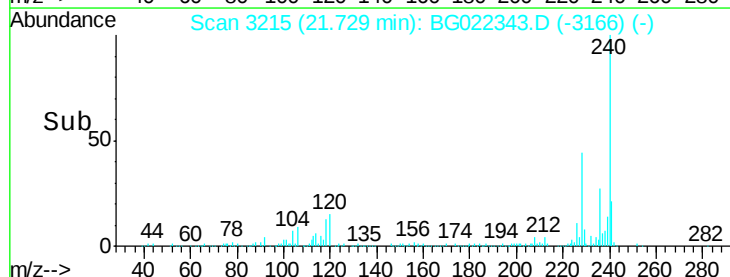
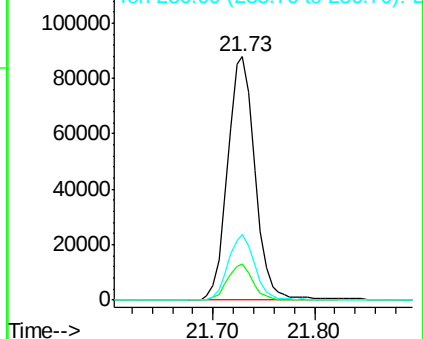
236 27.0 19.6 29.4

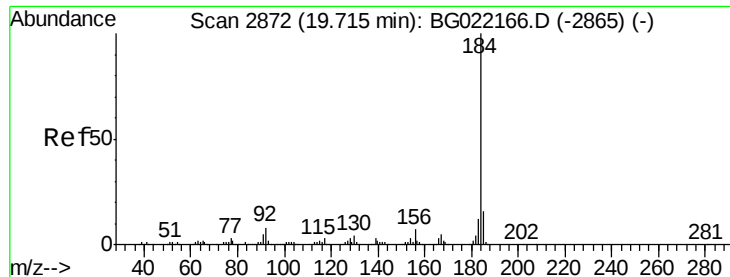


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 26.93 ng

RT: 19.68 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

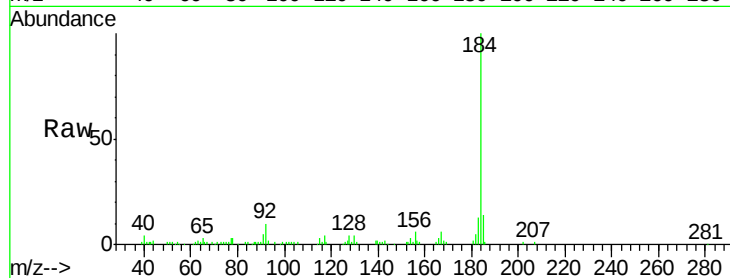
Tgt Ion:184 Resp: 115889

Ion Ratio Lower Upper

184 100

185 13.9 11.5 17.3

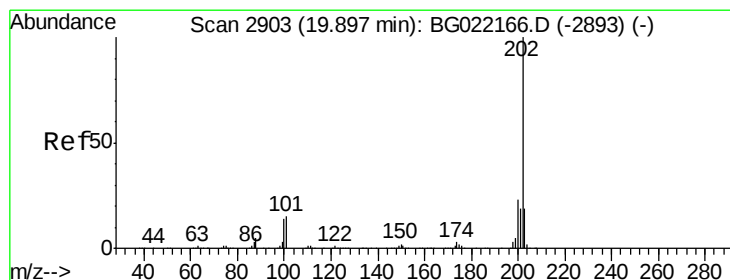
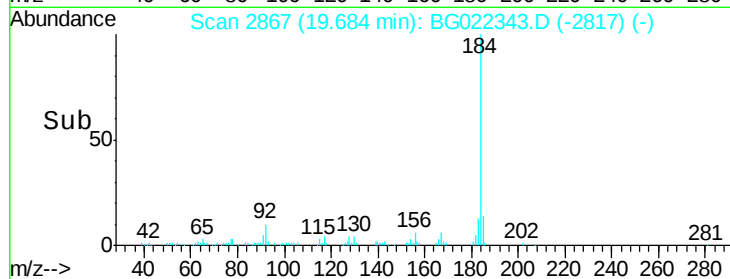
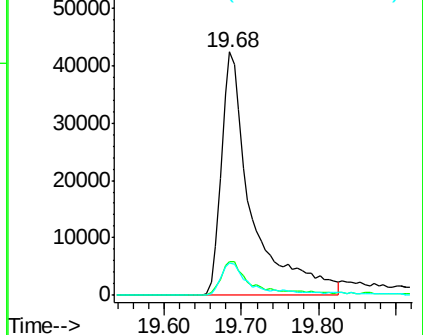
183 13.4 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 40.13 ng

RT: 19.87 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

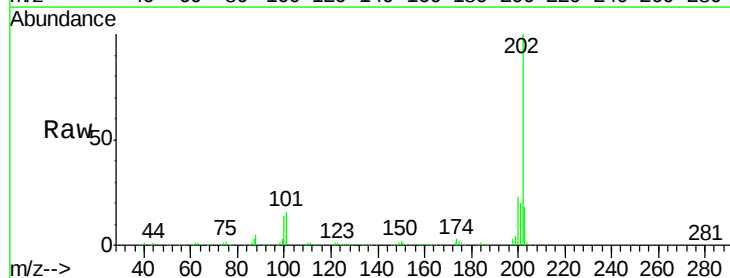
Tgt Ion:202 Resp: 410555

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

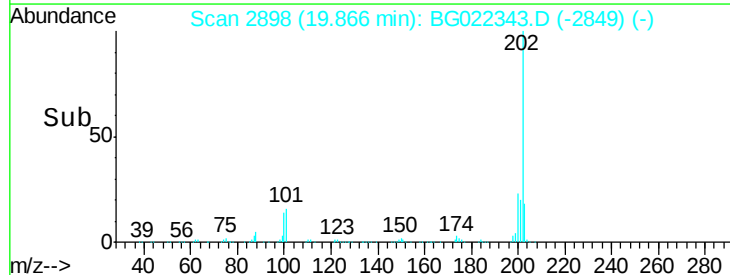
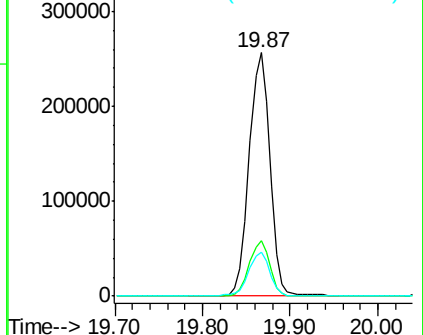
203 18.2 15.0 22.4

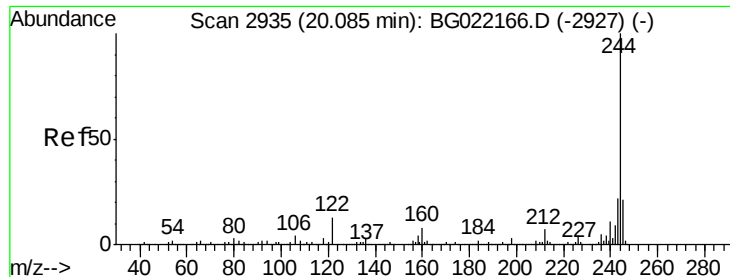


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.58 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

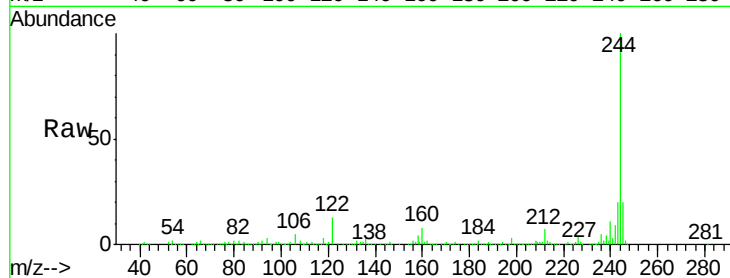
Tgt Ion:244 Resp: 530855

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

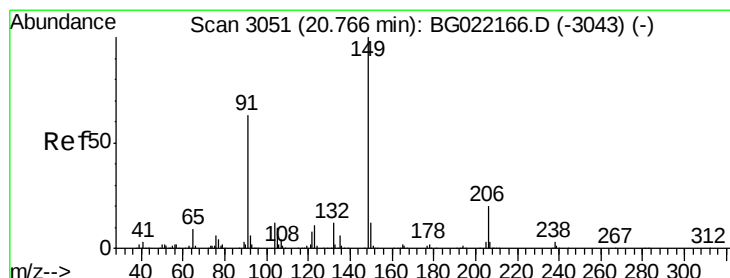
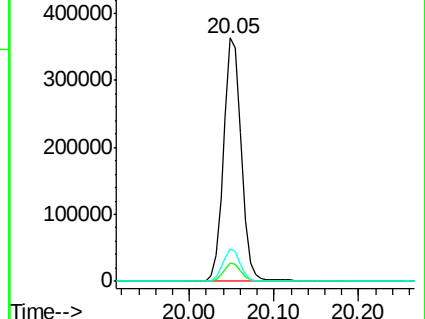
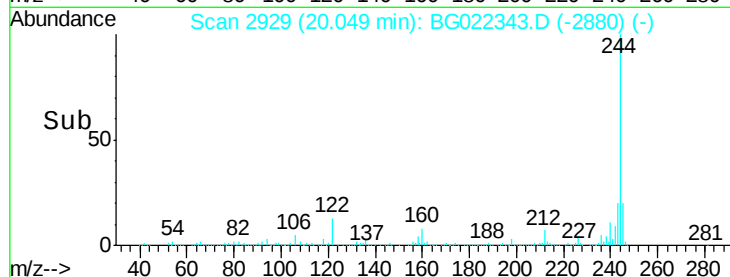
122 13.4 8.6 12.8#



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: 42.92 ng

RT: 20.73 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

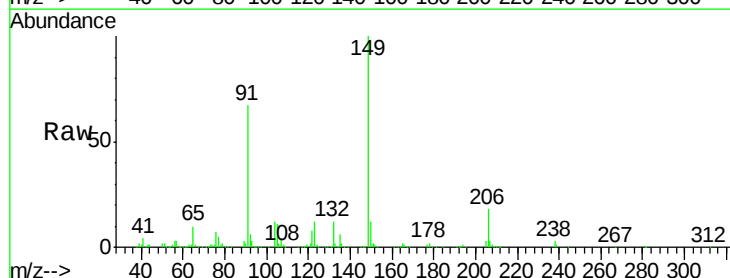
Tgt Ion:149 Resp: 203660

Ion Ratio Lower Upper

149 100

91 66.5 57.8 86.8

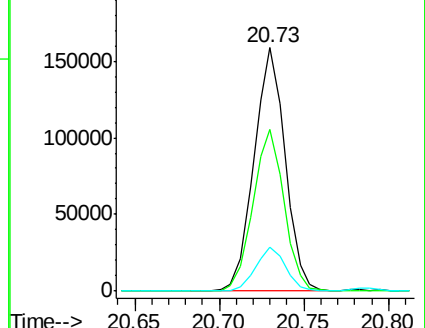
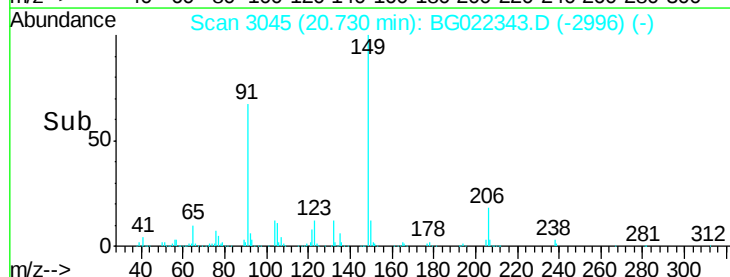
206 18.2 17.0 25.4

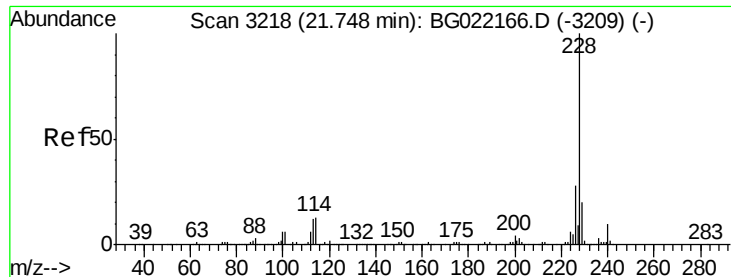


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.42 ng

RT: 21.71 min Scan# 3211

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

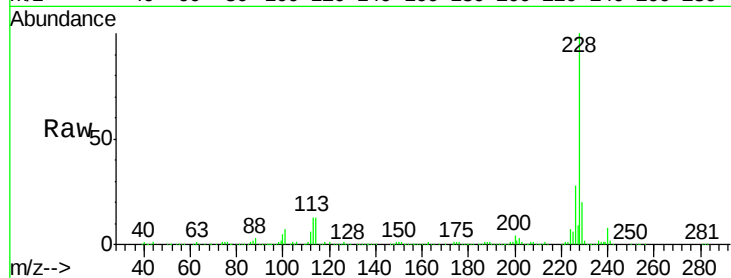
Tgt Ion:228 Resp: 345265

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

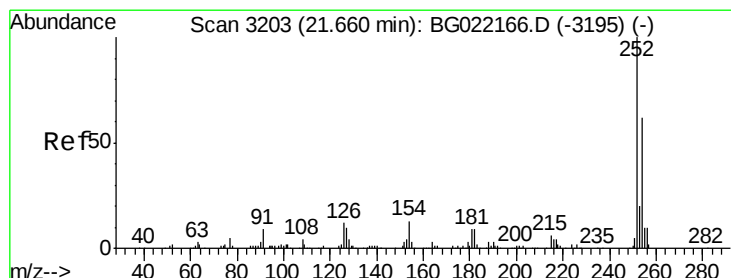
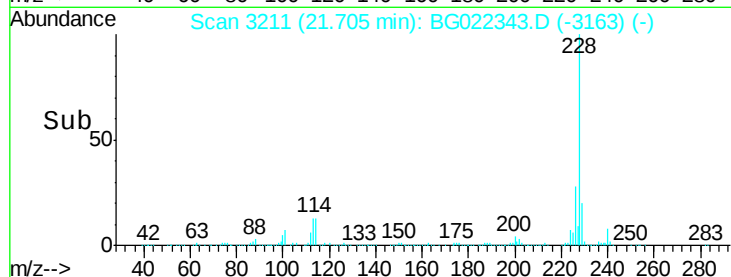
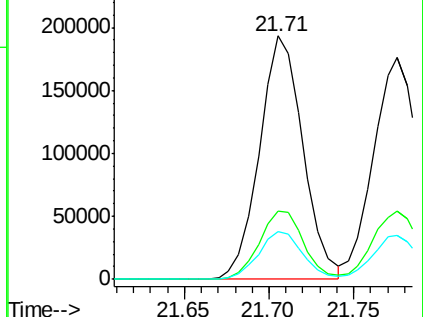
229 19.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.38 ng

RT: 21.62 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

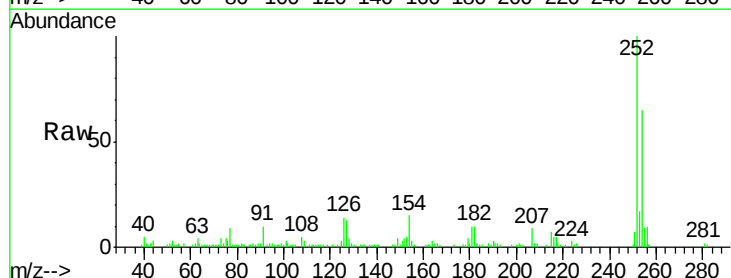
Tgt Ion:252 Resp: 55376

Ion Ratio Lower Upper

252 100

254 65.2 51.8 77.6

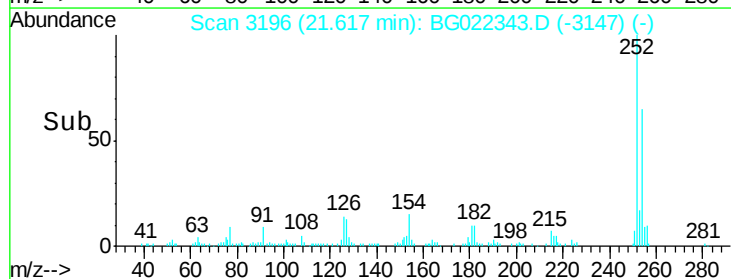
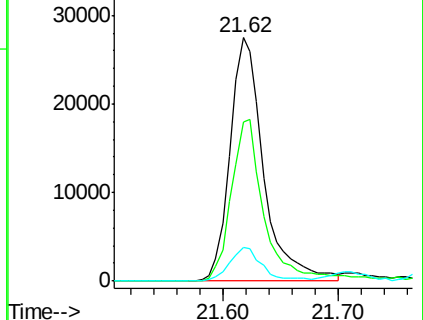
126 13.9 8.8 13.2#

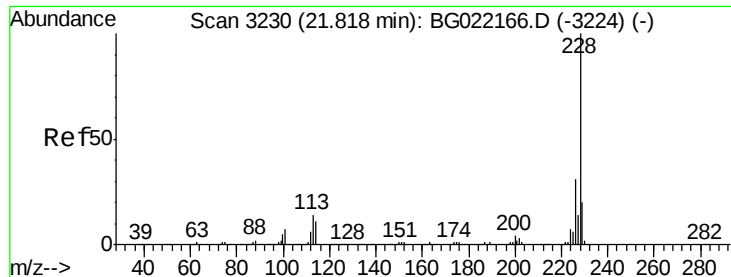


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

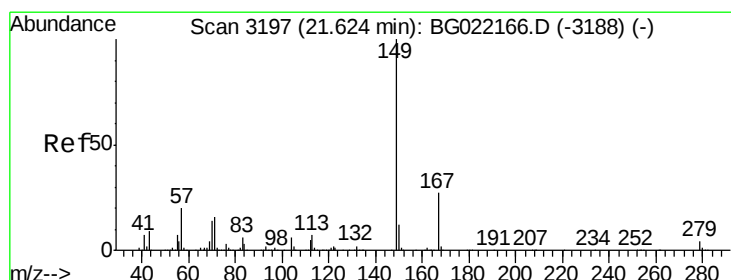
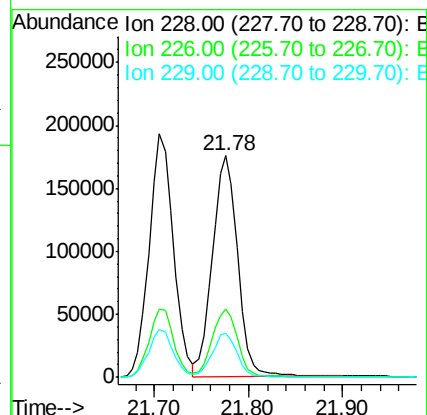
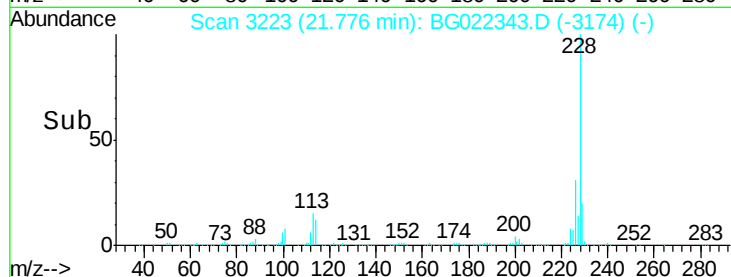
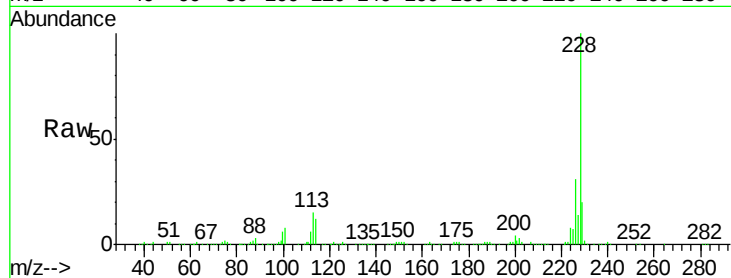




#82
 Chrysene
 Concen: 36.88 ng
 RT: 21.78 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

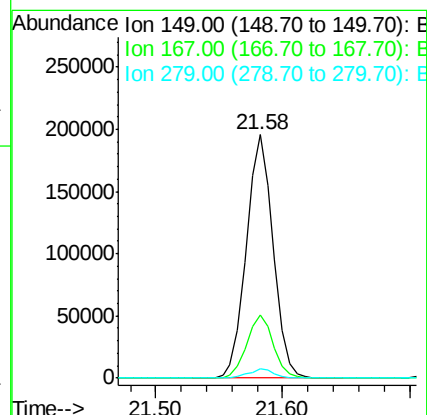
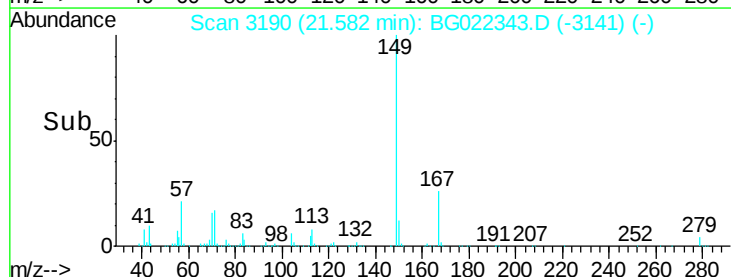
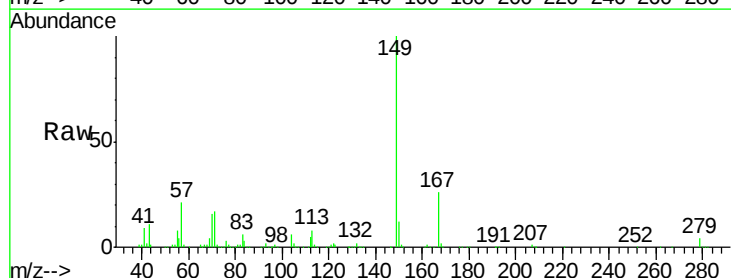
Instrument :
 BNA_G
 ClientSampleId :
 PB91291BS

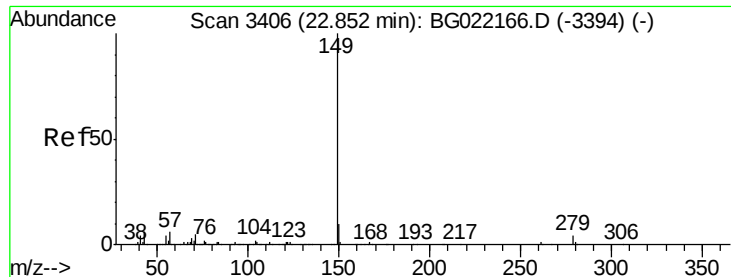
Tgt Ion: 228 Resp: 331160
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.8 15.9 23.9



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.01 ng
 RT: 21.58 min Scan# 3190
 Delta R.T. -0.01 min
 Lab File: BG022343.D
 Acq: 14 Jun 2016 20:25

Tgt Ion: 149 Resp: 286161
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.4 33.6
 279 3.6 3.2 4.8

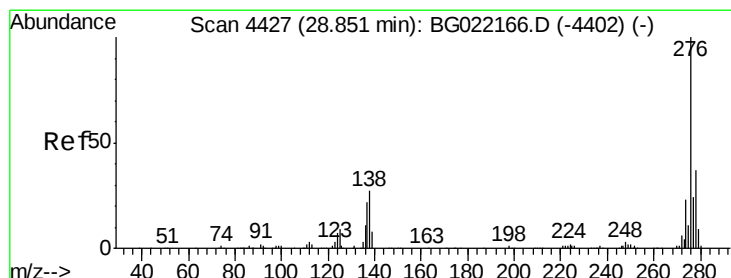
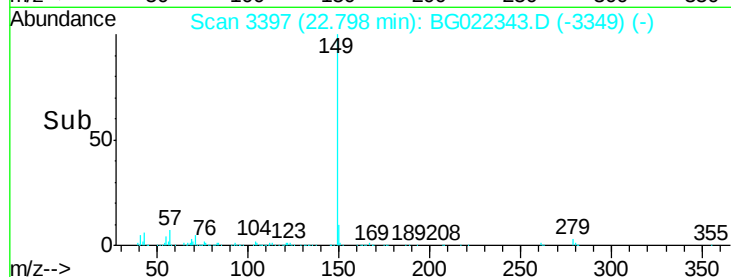
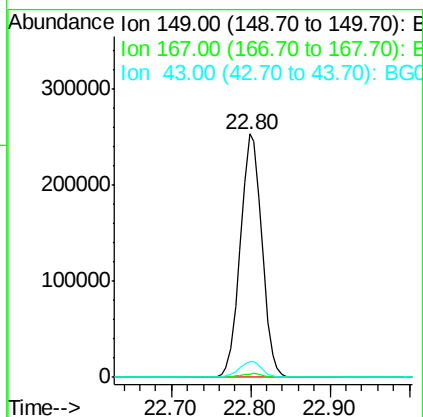
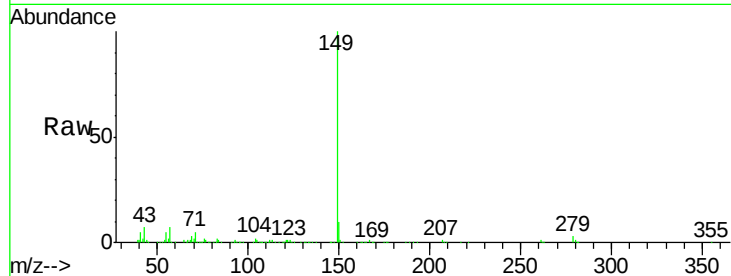




#84
Di-n-octyl phthalate
Concen: 41.11 ng
RT: 22.80 min Scan# 3397
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

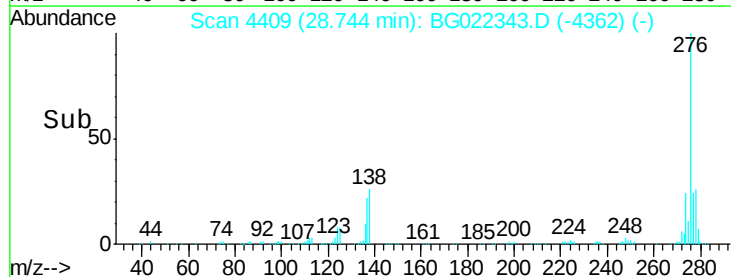
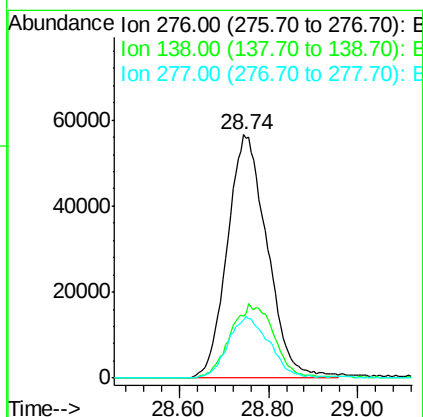
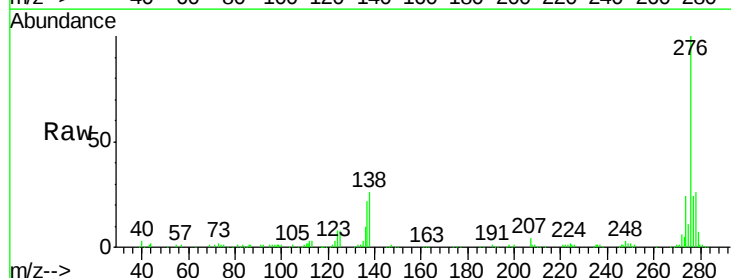
Instrument :
BNA_G
ClientSampleId :
PB91291BS

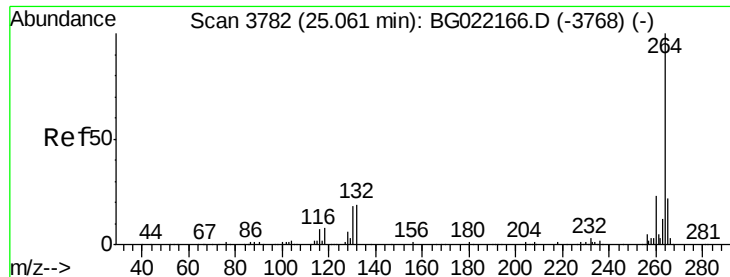
Tgt Ion:149 Resp: 476306
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.5 9.8 14.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 34.98 ng
RT: 28.74 min Scan# 4409
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:276 Resp: 352342
Ion Ratio Lower Upper
276 100
138 33.4 14.0 21.0#
277 25.9 20.6 30.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.00 min Scan# 3771

Delta R.T. -0.02 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

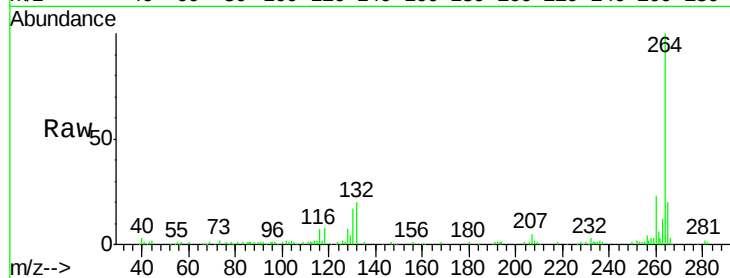
Tgt Ion:264 Resp: 153011

Ion Ratio Lower Upper

264 100

260 22.8 20.2 30.4

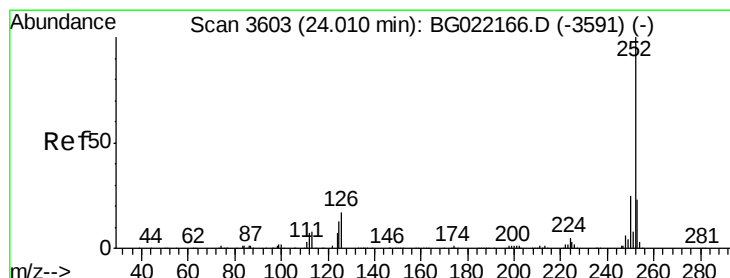
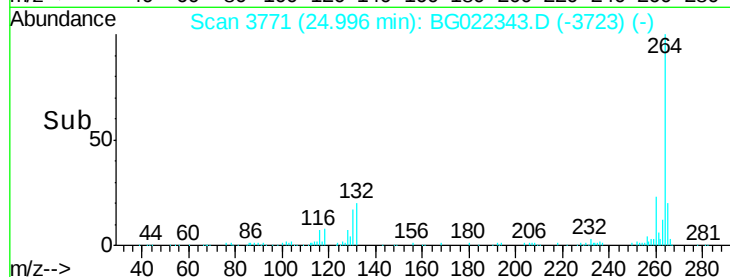
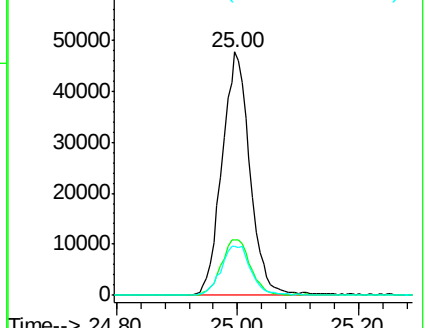
265 20.0 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 37.36 ng

RT: 23.96 min Scan# 3594

Delta R.T. -0.01 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

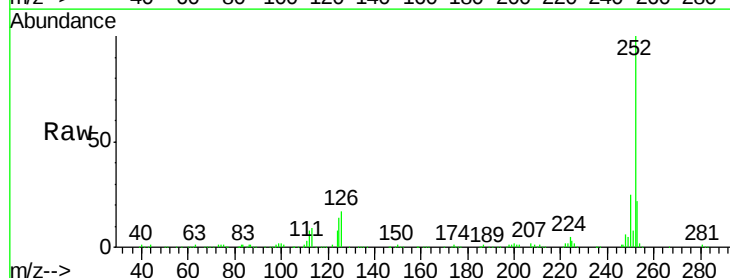
Tgt Ion:252 Resp: 333367

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

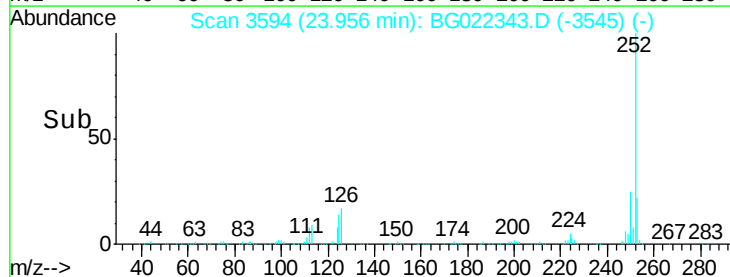
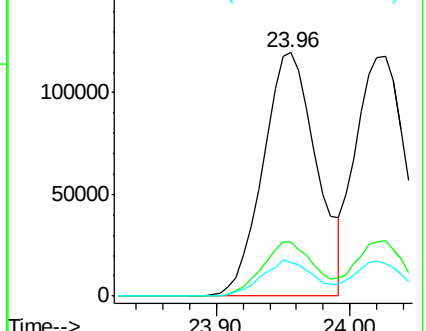
125 13.8 8.6 13.0#

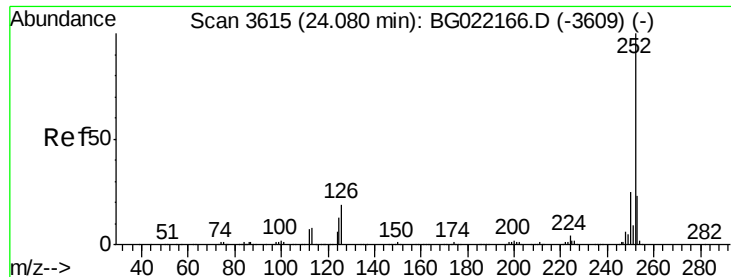


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

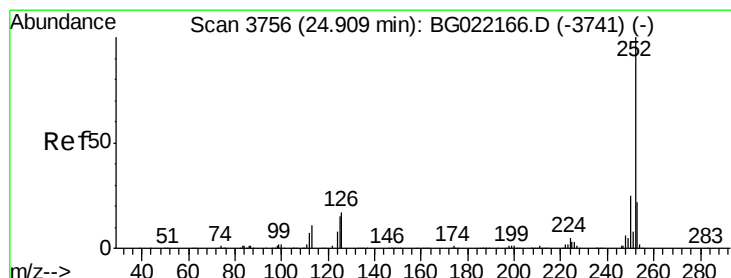
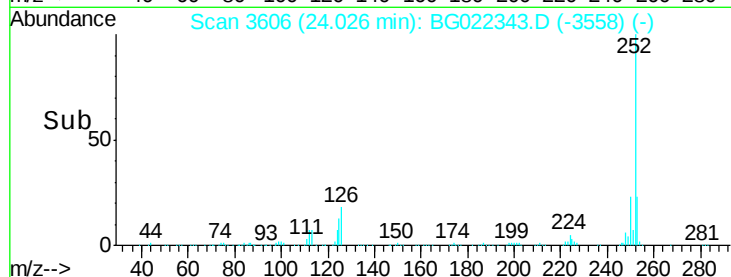
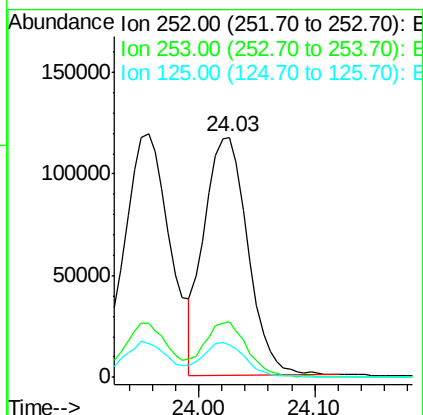
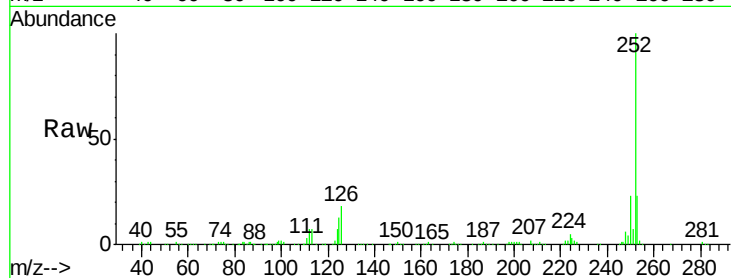




#88
Benzo(k)fluoranthene
Concen: 35.04 ng
RT: 24.03 min Scan# 3606
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

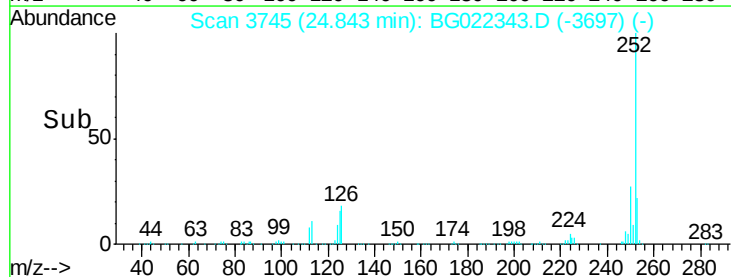
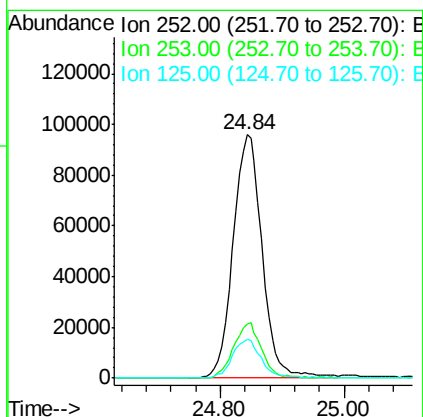
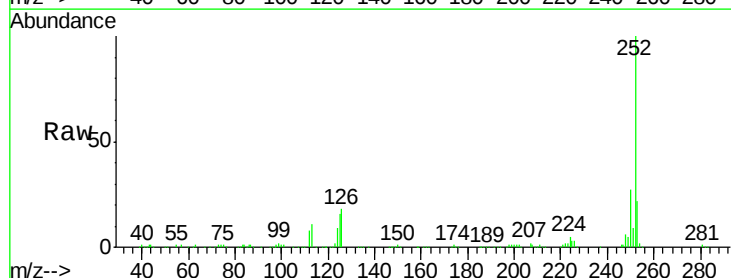
Instrument :
BNA_G
ClientSampleId :
PB91291BS

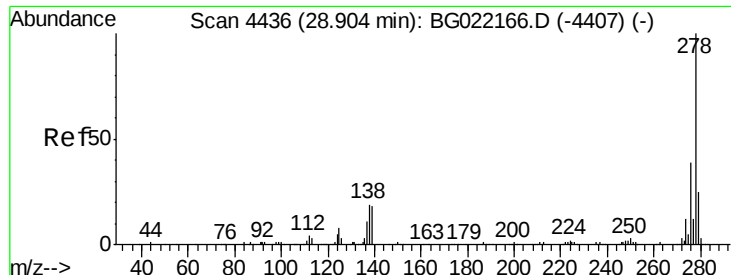
Tgt Ion:252 Resp: 307859
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 13.4 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 36.80 ng
RT: 24.84 min Scan# 3745
Delta R.T. -0.02 min
Lab File: BG022343.D
Acq: 14 Jun 2016 20:25

Tgt Ion:252 Resp: 314043
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 15.9 9.6 14.4#





#90

Dibenzo(a,h)anthracene

Concen: 35.98 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

Instrument :

BNA_G

ClientSampleId :

PB91291BS

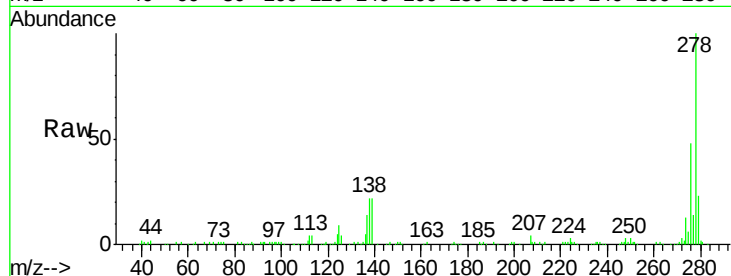
Tgt Ion:278 Resp: 289106

Ion Ratio Lower Upper

278 100

139 21.6 11.9 17.9#

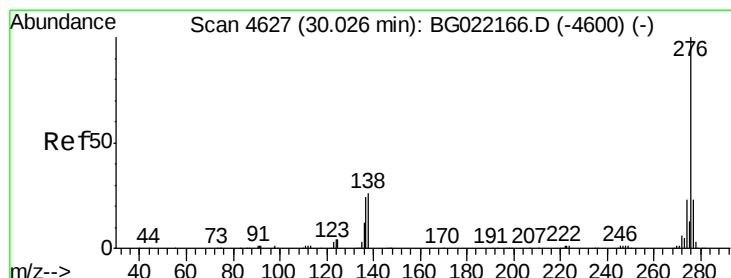
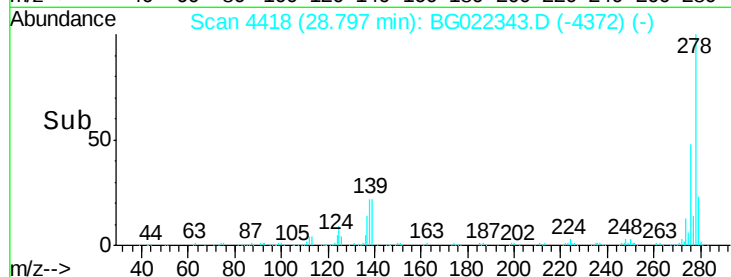
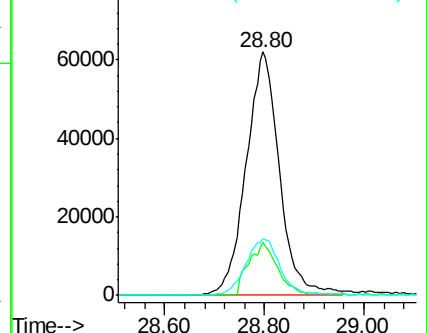
279 23.5 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 35.18 ng

RT: 29.91 min Scan# 4607

Delta R.T. -0.03 min

Lab File: BG022343.D

Acq: 14 Jun 2016 20:25

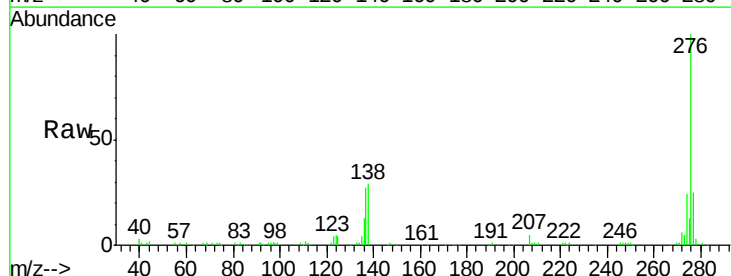
Tgt Ion:276 Resp: 294116

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.2

138 28.7 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

