

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022302.D
 Acq On : 11 Jun 2016 00:23
 Operator : UM/SJ
 Sample : PB91195BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Quant Time: Jun 11 04:08:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	26142	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	128350	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	75879	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	172089	20.00	ng	0.00
75) Chrysene-d12	21.76	240	156465	20.00	ng	-0.01
86) Perylene-d12	25.05	264	142321	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	207070	153.15	ng	-0.01
7) Phenol-d6	7.27	99	308956	145.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	164275	89.23	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	102450	119.49	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	411502	82.65	ng	0.00
78) Terphenyl-d14	20.08	244	577151	87.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	19599	30.23	ng	# 73
3) Pyridine	3.91	79	60384	34.47	ng	95
4) n-Nitrosodimethylamine	3.83	42	18471	47.15	ng	91
6) Aniline	7.43	93	81945	30.34	ng	# 83
8) 2-Chlorophenol	7.67	128	84990	45.48	ng	82
10) Phenol	7.30	94	106946	48.79	ng	83
11) bis(2-Chloroethyl)ether	7.52	93	71900	41.14	ng	# 75
12) 1,3-Dichlorobenzene	7.99	146	78010	38.94	ng	# 91
13) 1,4-Dichlorobenzene	8.14	146	80854	40.51	ng	94
14) 1,2-Dichlorobenzene	8.46	146	79599	39.56	ng	96
15) Benzyl Alcohol	8.35	79	60007	43.69	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	80915	44.63	ng	83
17) 2-Methylphenol	8.55	107	73478	44.93	ng	# 88
18) Hexachloroethane	9.19	117	29579	40.59	ng	# 75
19) n-Nitroso-di-n-propylamine	8.91	70	59426	41.30	ng	# 70
20) 3+4-Methylphenols	8.88	107	103525	44.13	ng	96
22) Acetophenone	8.93	105	116187	42.01	ng	# 83
24) Nitrobenzene	9.32	77	84362	45.57	ng	# 88
25) Isophorone	9.84	82	173798	40.35	ng	# 95
26) 2-Nitrophenol	10.04	139	44674	44.50	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	84566	46.54	ng	89
28) bis(2-Chloroethoxy)methane	10.32	93	105650	42.81	ng	93
29) 2,4-Dichlorophenol	10.58	162	77051	45.77	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	75064	39.91	ng	93
31) Naphthalene	10.98	128	262056	40.90	ng	# 96
32) Benzoic acid	10.24	122	35721	53.93	ng	# 86
33) 4-Chloroaniline	11.09	127	42065	15.79	ng	# 90
34) Hexachlorobutadiene	11.25	225	39424	39.04	ng	97
35) Caprolactam	11.86	113	19162	20.75	ng	# 53
36) 4-Chloro-3-methylphenol	12.21	107	91670	45.95	ng	87
37) 2-Methylnaphthalene	12.57	142	187812	39.71	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	79162	40.53	ng	# 97
40) Hexachlorocyclopentadiene	12.91	237	68580	69.58	ng	96
42) 2,4,6-Trichlorophenol	13.18	196	59578	45.47	ng	98

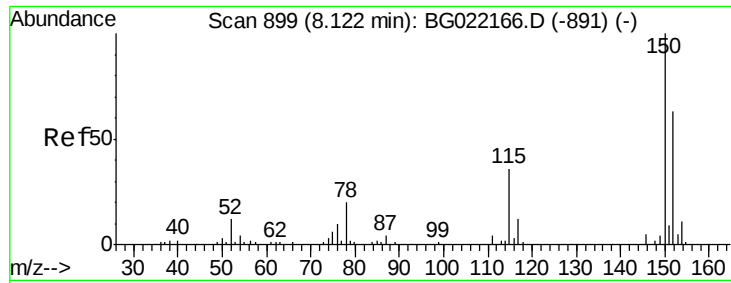
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	66324	45.81	ng	95
45) 1,1'-Biphenyl	13.57	154	247433	43.33	ng	94
46) 2-Chloronaphthalene	13.62	162	188048	42.96	ng	96
47) 2-Nitroaniline	13.83	65	50644	48.52	ng	# 67
48) Acenaphthylene	14.47	152	328614	42.79	ng	98
49) Dimethylphthalate	14.18	163	253402	40.28	ng	99
50) 2,6-Dinitrotoluene	14.31	165	57387	41.96	ng	# 86
51) Acenaphthene	14.80	154	192312	41.79	ng	96
52) 3-Nitroaniline	14.65	138	35468	23.38	ng	# 86
53) 2,4-Dinitrophenol	14.87	184	51227	90.12	ng	# 78
54) Dibenzofuran	15.14	168	299894	41.76	ng	97
55) 4-Nitrophenol	14.97	139	94482	90.25	ng	# 76
56) 2,4-Dinitrotoluene	15.11	165	79503	43.34	ng	# 87
57) Fluorene	15.78	166	258552	41.80	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	50865	39.17	ng	96
59) Diethylphthalate	15.54	149	274530	40.85	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	113207	40.41	ng	97
61) 4-Nitroaniline	15.82	138	63360	39.38	ng	# 78
62) Azobenzene	16.06	77	236488	46.47	ng	88
64) 4,6-Dinitro-2-methylphenol	15.87	198	38351	44.41	ng	85
65) n-Nitrosodiphenylamine	15.99	169	223570	45.10	ng	99
66) 4-Bromophenyl-phenylether	16.66	248	68011	42.18	ng	98
67) Hexachlorobenzene	16.79	284	75280	40.06	ng	97
68) Atrazine	16.93	200	71309	38.86	ng	97
69) Pentachlorophenol	17.14	266	70435	82.44	ng	97
70) Phenanthrene	17.53	178	399070	42.70	ng	98
71) Anthracene	17.61	178	400336	43.19	ng	97
72) Carbazole	17.89	167	376226	42.85	ng	99
73) Di-n-butylphthalate	18.42	149	499608	43.53	ng	98
74) Fluoranthene	19.53	202	446159	41.52	ng	96
76) Benzidine	19.71	184	168765	41.25	ng	98
77) Pyrene	19.89	202	446444	45.90	ng	98
79) Butylbenzylphthalate	20.75	149	217661	48.25	ng	96
80) Benzo(a)anthracene	21.74	228	385407	43.93	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	78717	31.96	ng	97
82) Chrysene	21.80	228	358412	41.98	ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	313935	47.32	ng	96
84) Di-n-octyl phthalate	22.84	149	532557	48.35	ng	# 88
85) Indeno(1,2,3-cd)pyrene	28.82	276	401364	41.90	ng	97
87) Benzo(b)fluoranthene	24.00	252	387541	46.69	ng	# 97
88) Benzo(k)fluoranthene	24.07	252	346441	42.40	ng	# 96
89) Benzo(a)pyrene	24.89	252	356324	44.90	ng	# 95
90) Dibenzo(a,h)anthracene	28.88	278	327347	43.79	ng	# 95
91) Benzo(g,h,i)perylene	29.99	276	335653	43.16	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022302.D

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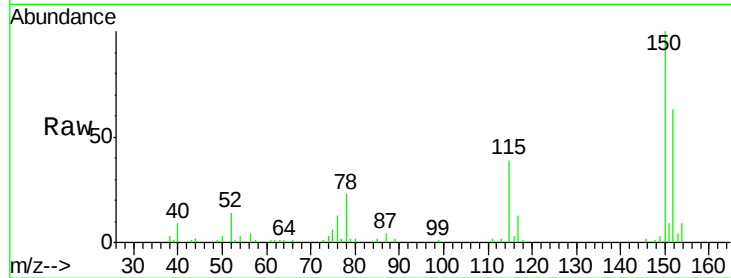
Tgt Ion:152 Resp: 26142

Ion Ratio Lower Upper

152 100

150 158.3 130.1 195.1

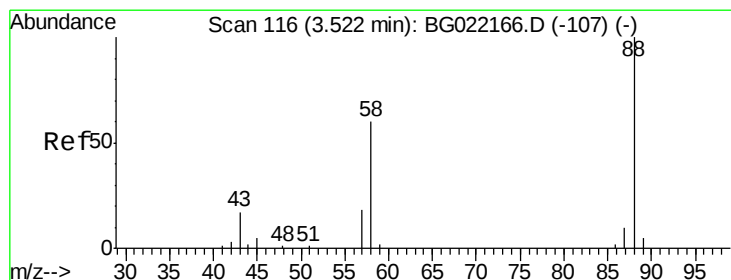
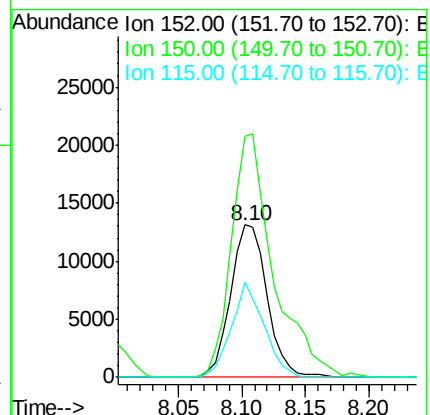
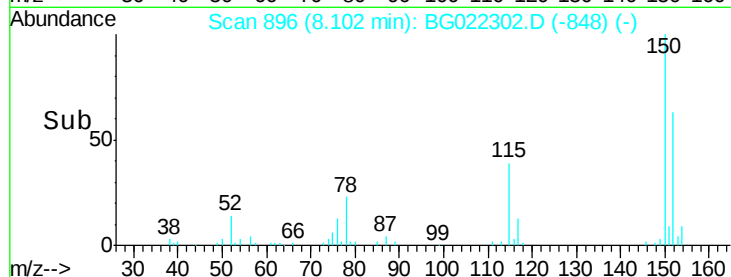
115 62.4 62.2 93.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.23 ng

RT: 3.50 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

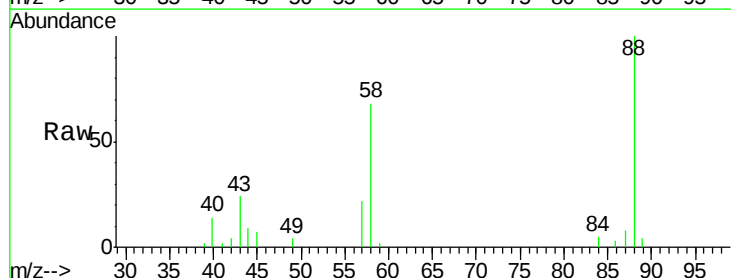
Tgt Ion: 88 Resp: 19599

Ion Ratio Lower Upper

88 100

58 65.4 36.8 55.2#

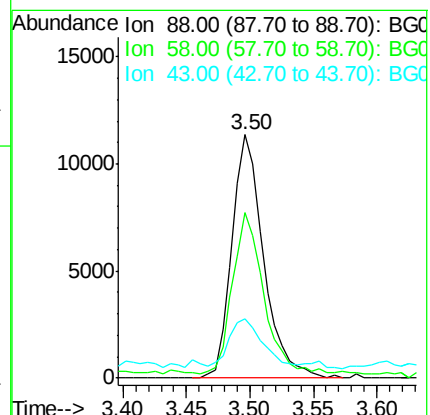
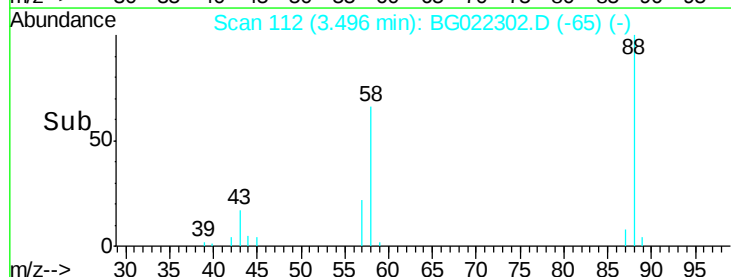
43 20.1 10.4 15.6#

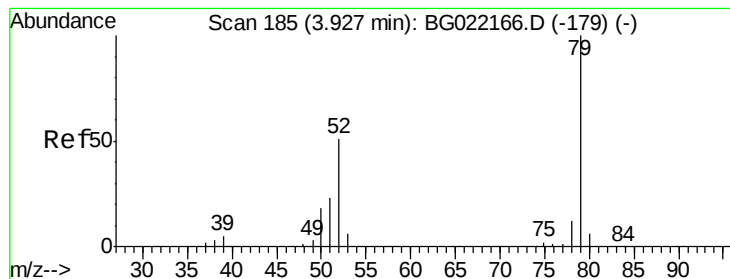


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.47 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

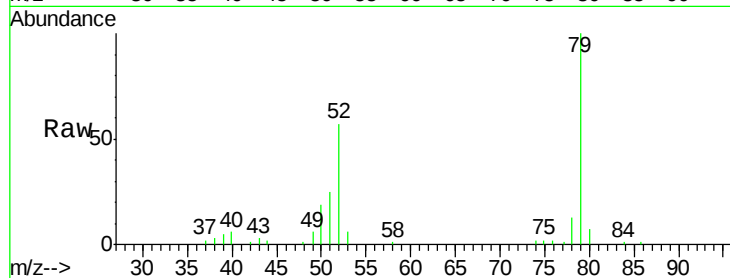
Tgt Ion: 79 Resp: 60384

Ion Ratio Lower Upper

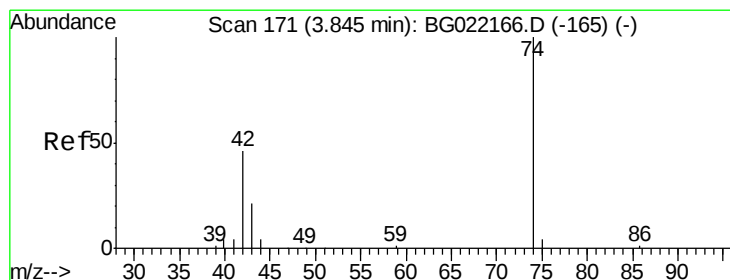
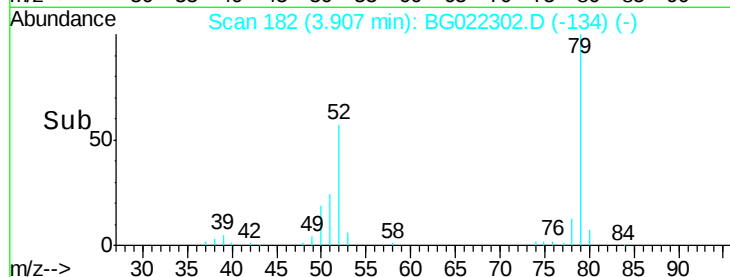
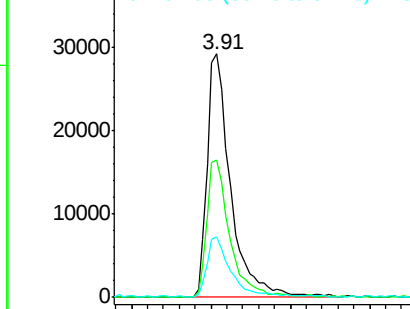
79 100

52 56.5 41.6 62.4

51 24.7 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: 47.15 ng

RT: 3.83 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

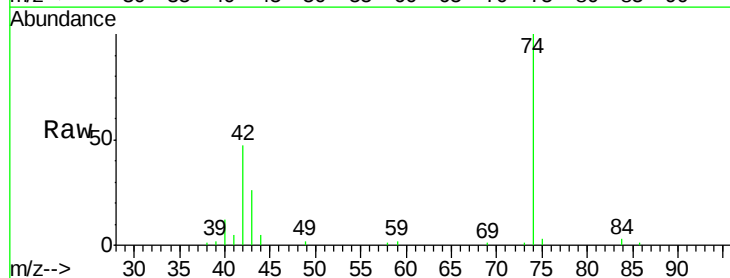
Tgt Ion: 42 Resp: 18471

Ion Ratio Lower Upper

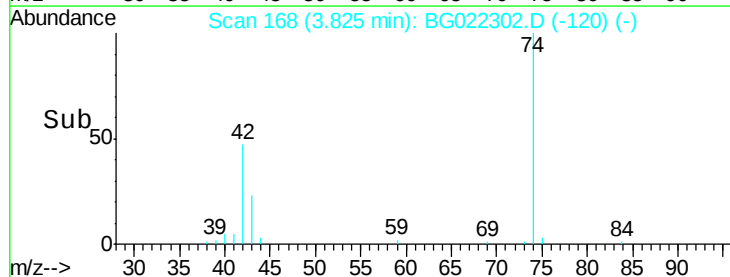
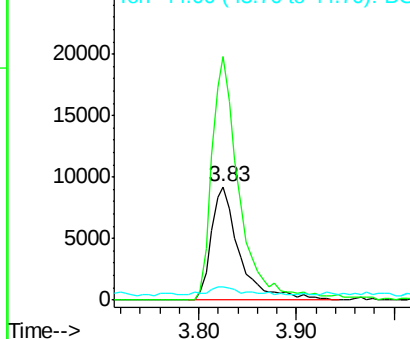
42 100

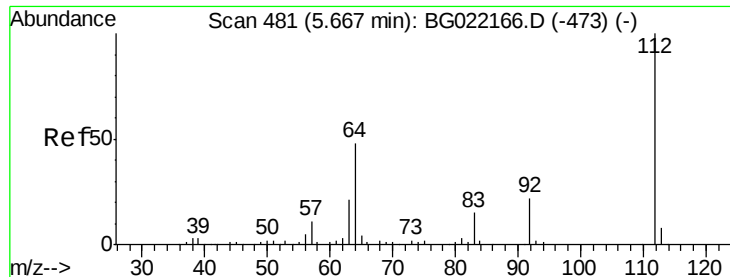
74 214.4 184.0 276.0

44 11.7 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: 153.15 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

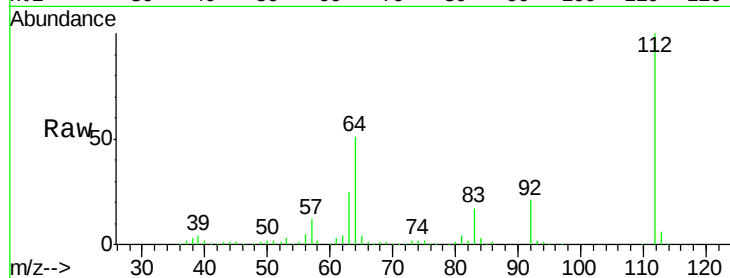
Tgt Ion: 112 Resp: 207070

Ion Ratio Lower Upper

112 100

64 50.8 51.1 76.7#

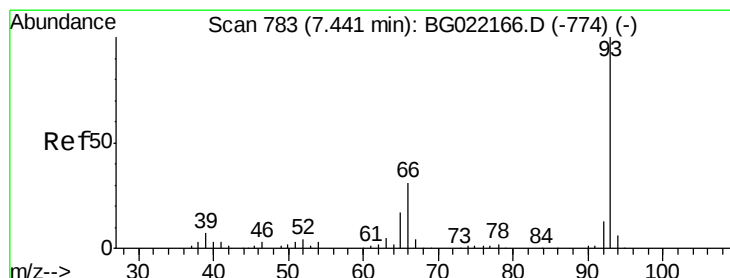
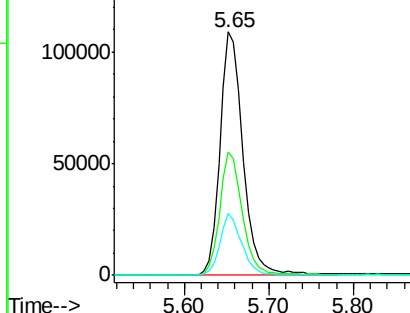
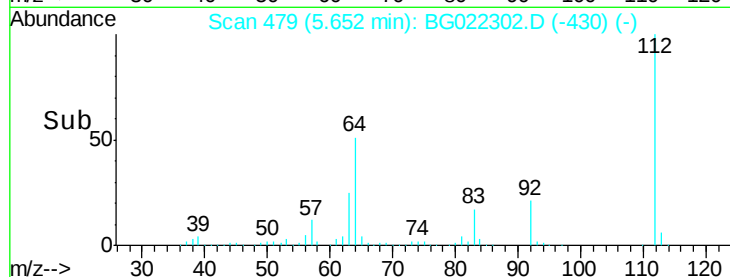
63 25.4 24.6 37.0



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: 30.34 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

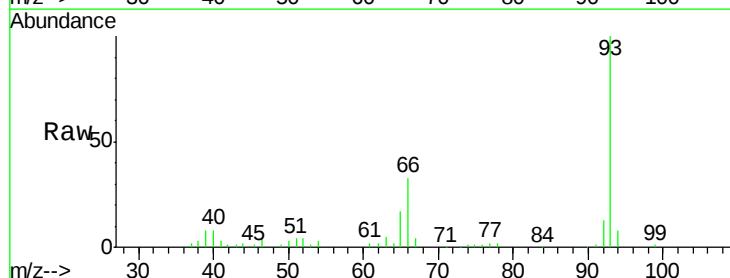
Tgt Ion: 93 Resp: 81945

Ion Ratio Lower Upper

93 100

66 32.6 36.3 54.5#

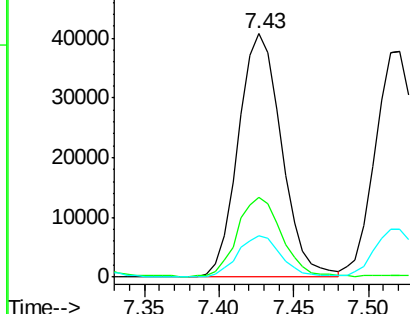
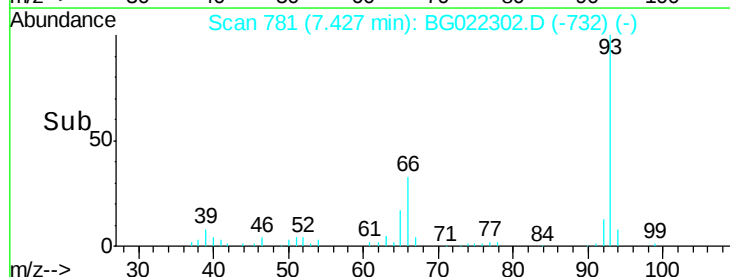
65 17.1 18.4 27.6#

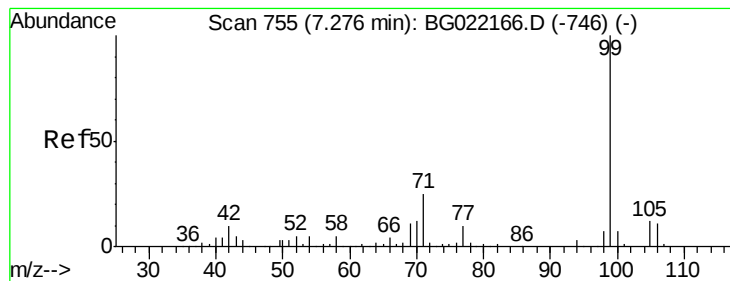


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.33 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

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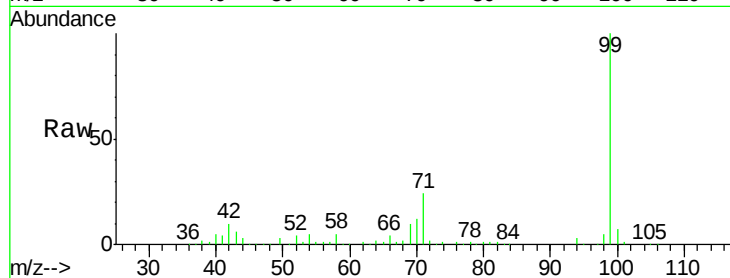
Tgt Ion: 99 Resp: 308956

Ion Ratio Lower Upper

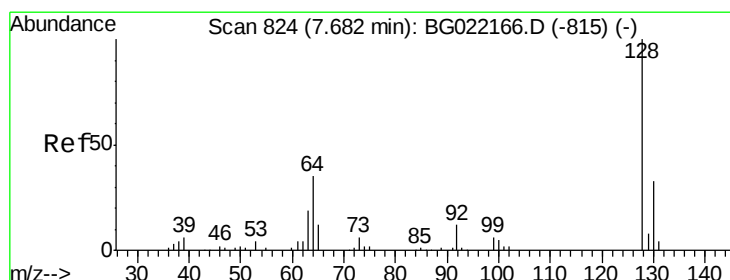
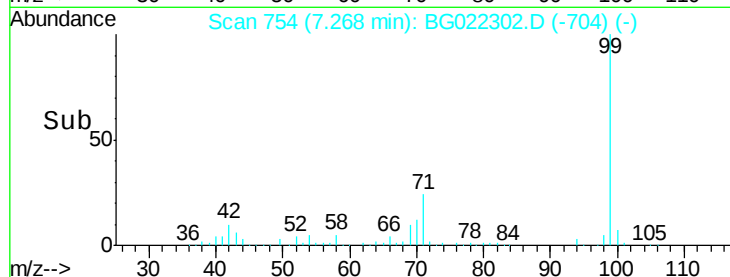
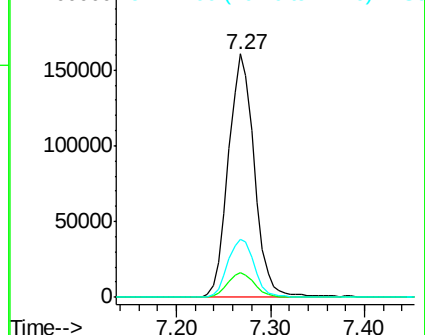
99 100

42 10.1 16.4 24.6#

71 24.0 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: 45.48 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

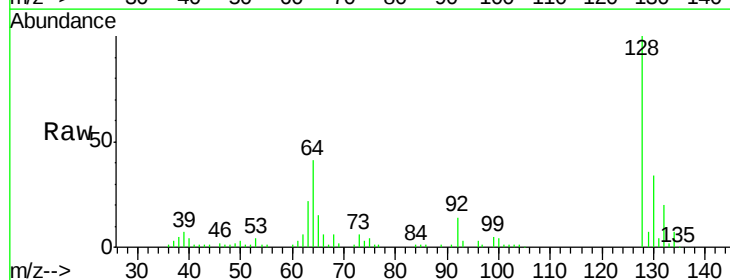
Tgt Ion: 128 Resp: 84990

Ion Ratio Lower Upper

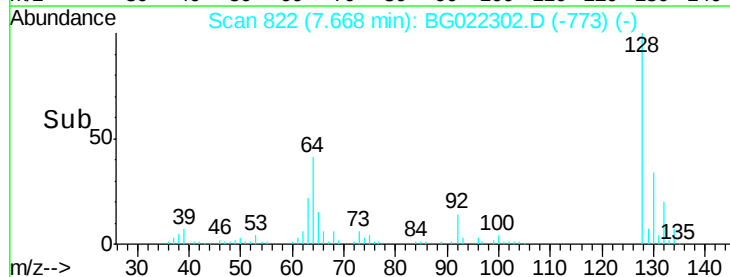
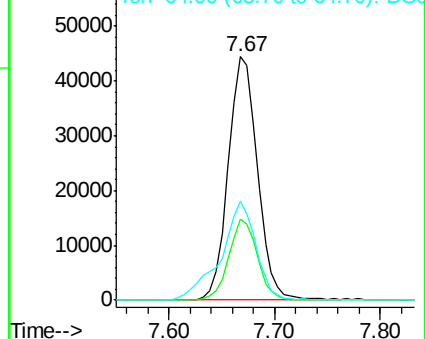
128 100

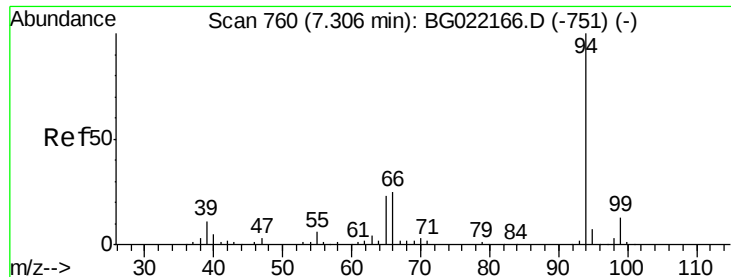
130 33.5 11.2 51.2

64 40.8 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: 48.79 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

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BNA_G

ClientSampleId :

PB91195BS

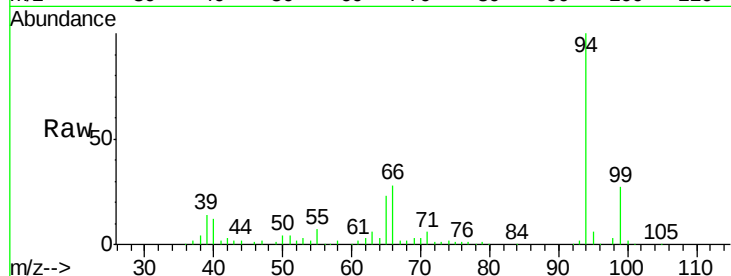
Tgt Ion: 94 Resp: 106946

Ion Ratio Lower Upper

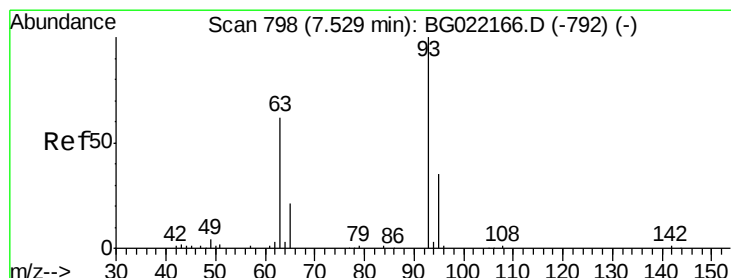
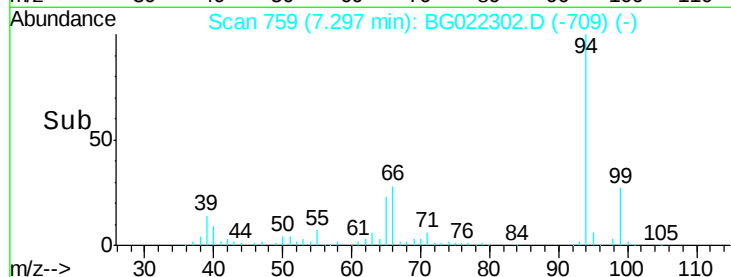
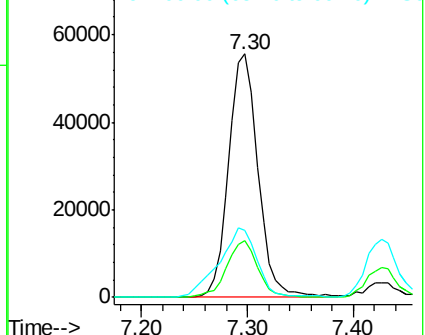
94 100

65 23.1 9.8 49.8

66 27.7 20.8 60.8



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



#11

bis(2-Chloroethyl)ether

Concen: 41.14 ng

RT: 7.52 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

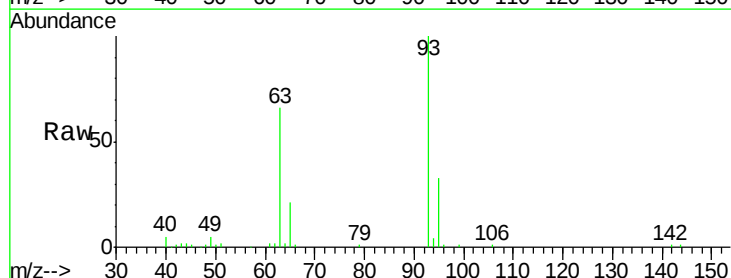
Tgt Ion: 93 Resp: 71900

Ion Ratio Lower Upper

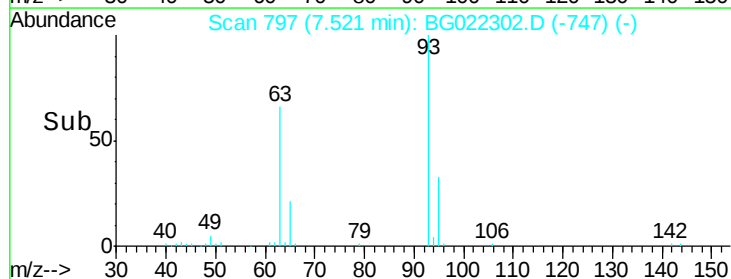
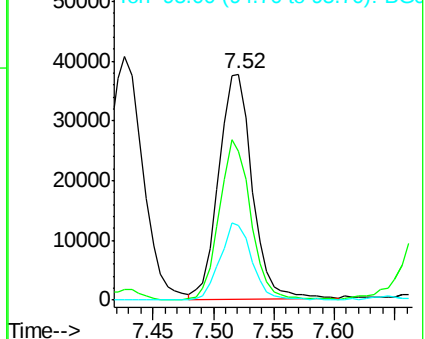
93 100

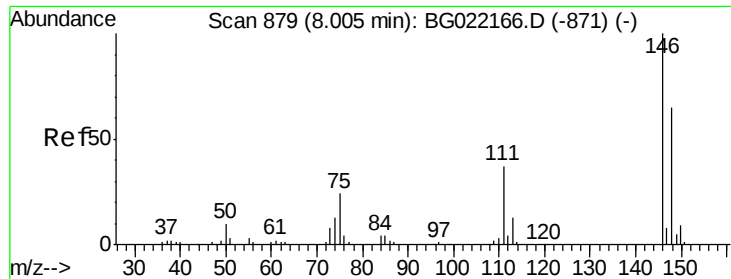
63 65.9 74.9 114.9#

95 32.8 8.3 48.3



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

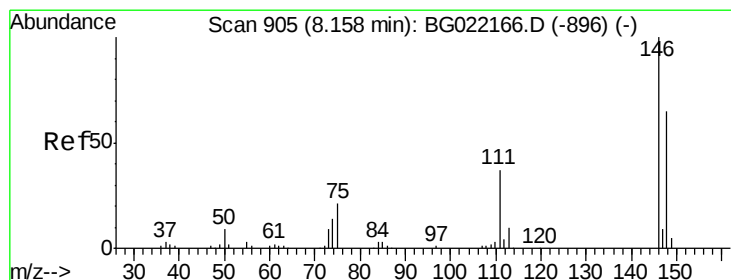
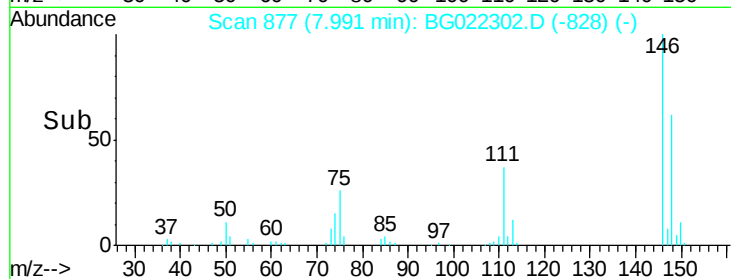
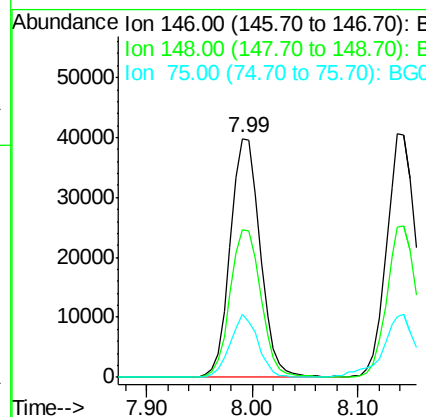
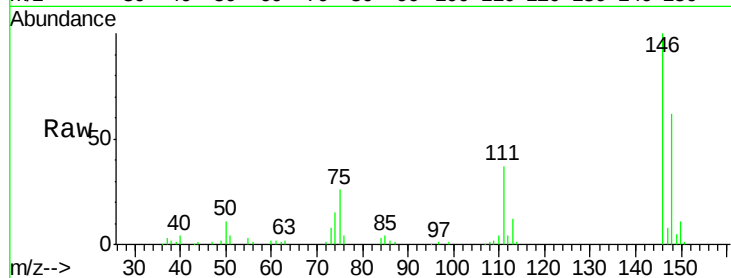




#12
 1,3-Dichlorobenzene
 Concen: 38.94 ng
 RT: 7.99 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

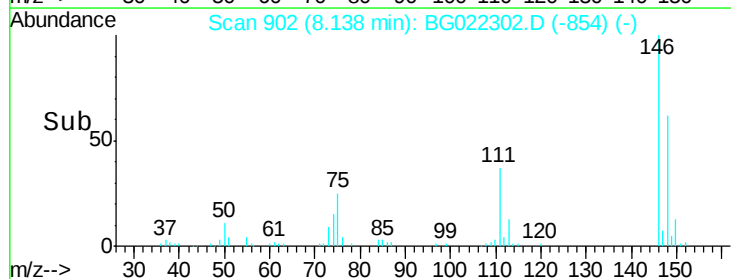
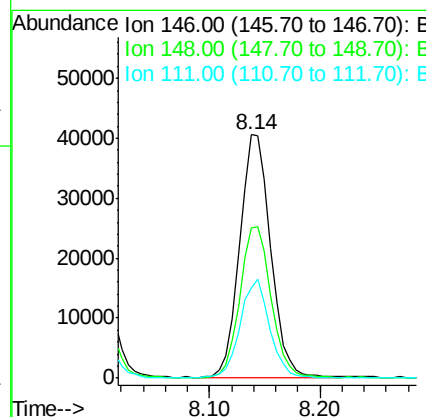
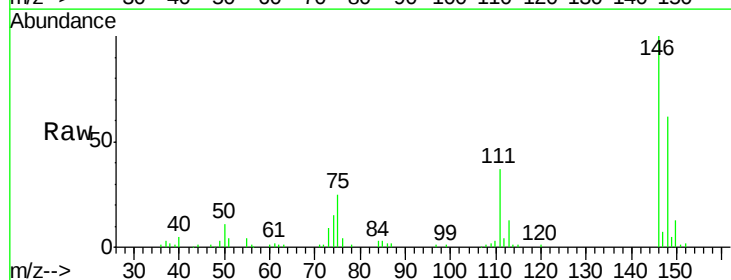
Instrument :
 BNA_G
 ClientSampled :
 PB91195BS

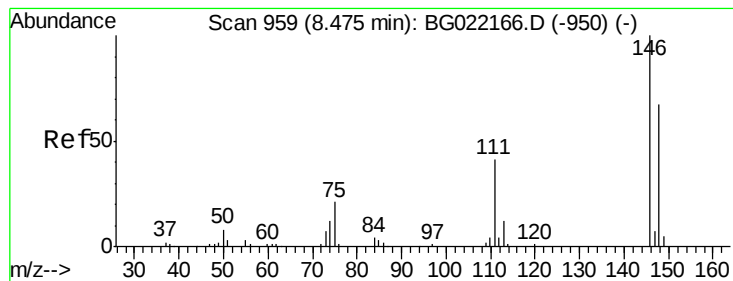
Tgt Ion:146 Resp: 78010
 Ion Ratio Lower Upper
 146 100
 148 62.0 53.7 80.5
 75 26.2 27.4 41.0#



#13
 1,4-Dichlorobenzene
 Concen: 40.51 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion:146 Resp: 80854
 Ion Ratio Lower Upper
 146 100
 148 61.9 46.7 70.1
 111 37.1 33.0 49.6

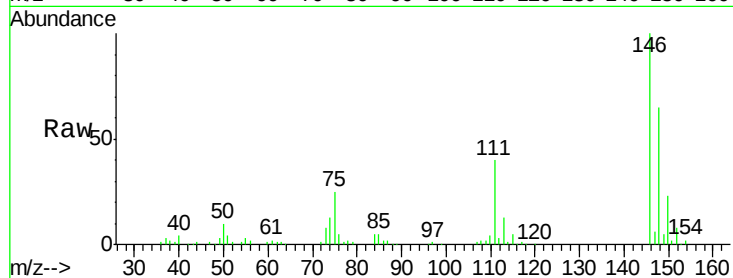




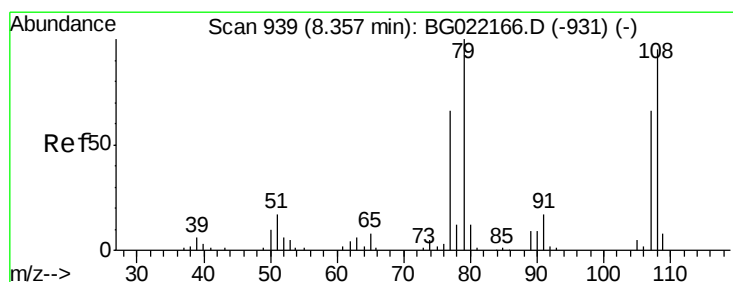
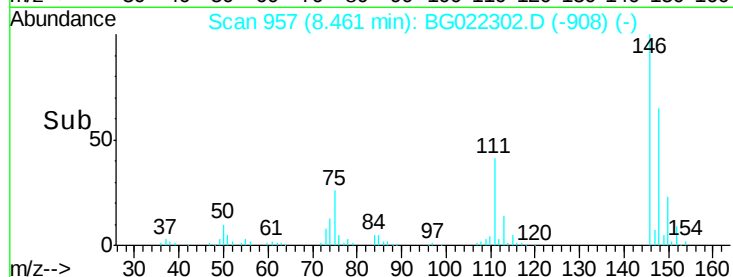
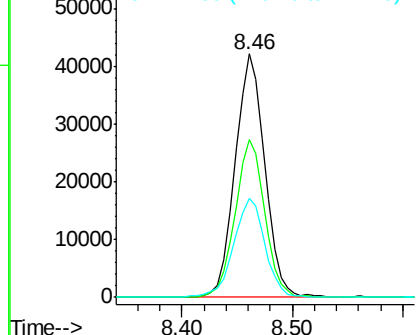
#14
1,2-Dichlorobenzene
Concen: 39.56 ng
RT: 8.46 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion:146 Resp: 79599
Ion Ratio Lower Upper
146 100
148 64.9 52.6 79.0
111 40.4 36.1 54.1

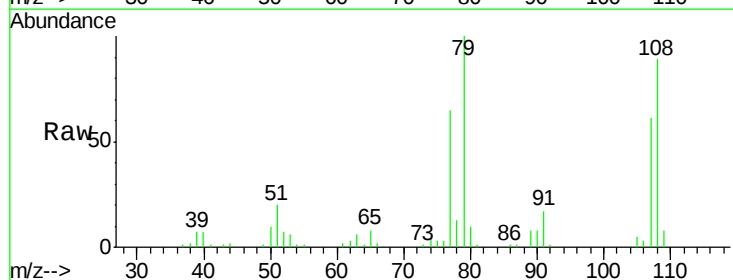


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

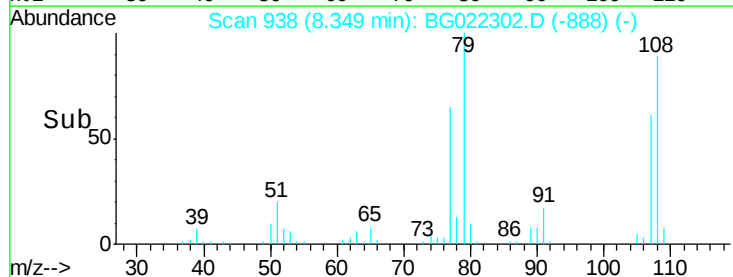
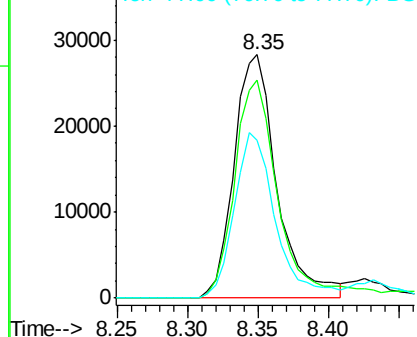


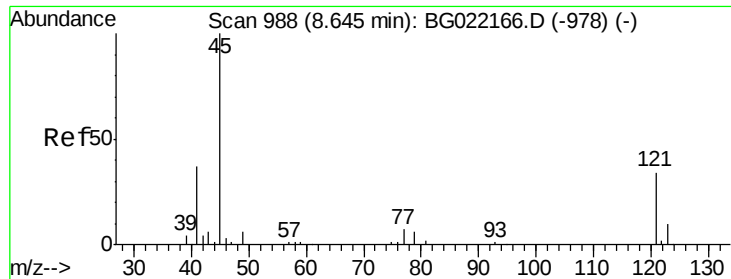
#15
Benzyl Alcohol
Concen: 43.69 ng
RT: 8.35 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion: 79 Resp: 60007
Ion Ratio Lower Upper
79 100
108 89.5 59.4 89.0#
77 64.7 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

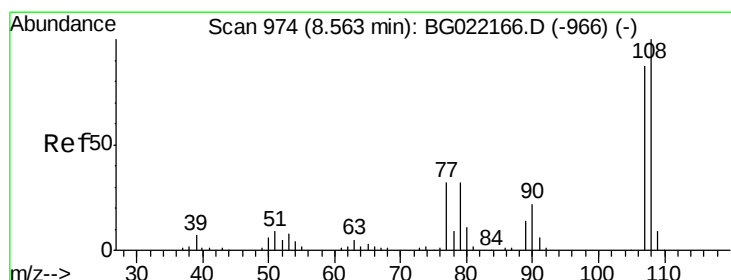
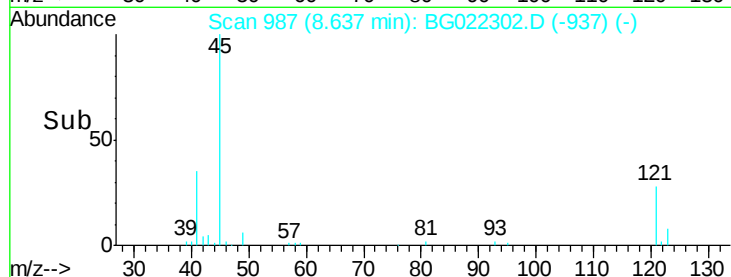
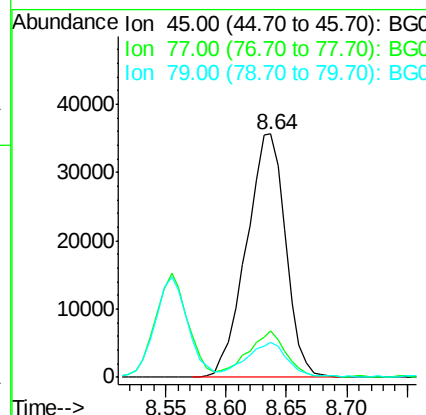
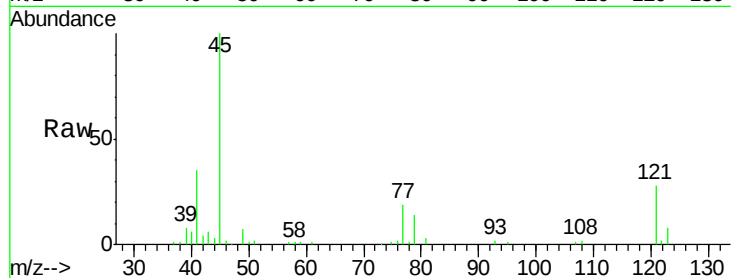




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 44.63 ng
 RT: 8.64 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

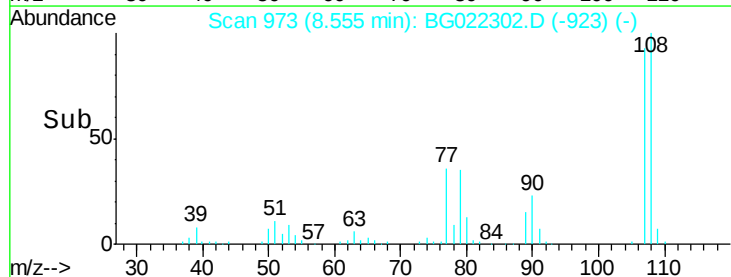
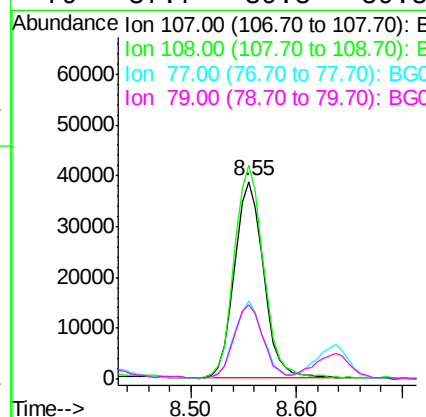
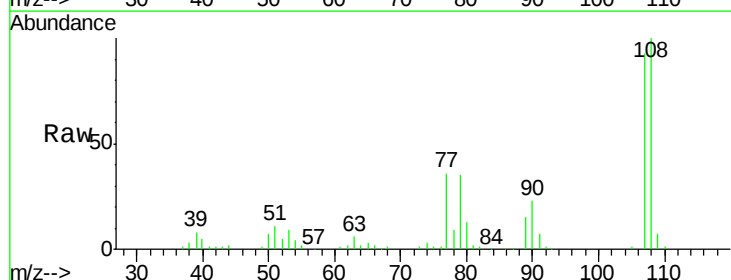
Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

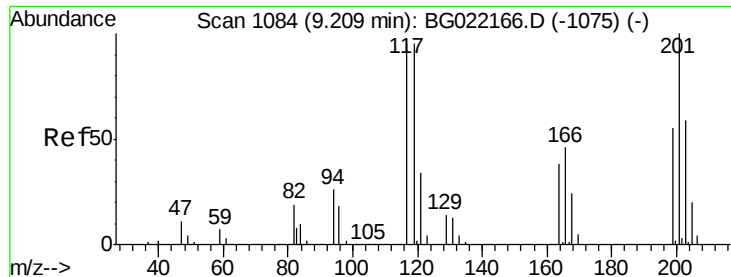
Tgt Ion: 45 Resp: 80915
 Ion Ratio Lower Upper
 45 100
 77 18.8 0.0 31.2
 79 14.1 0.0 29.0



#17
 2-Methylphenol
 Concen: 44.93 ng
 RT: 8.55 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion: 107 Resp: 73478
 Ion Ratio Lower Upper
 107 100
 108 108.1 80.2 120.4
 77 39.3 40.7 61.1#
 79 37.7 39.8 59.8#

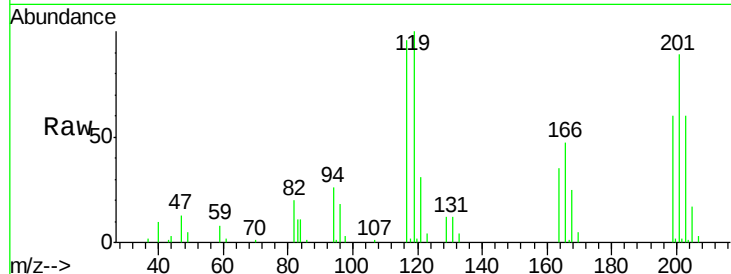




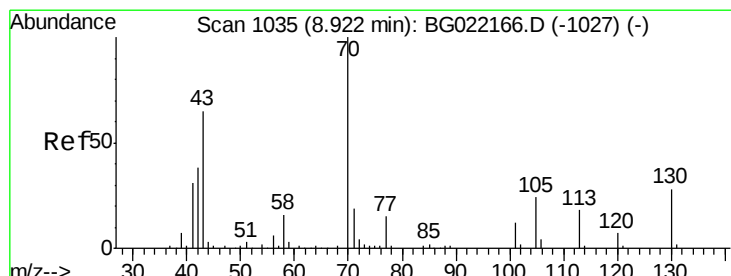
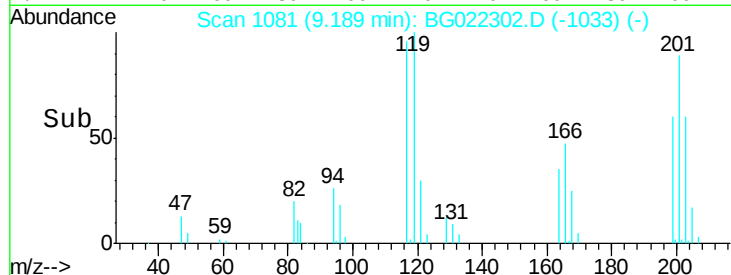
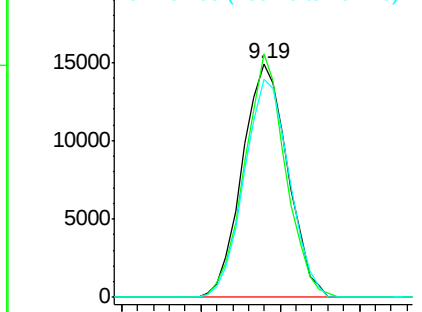
#18
Hexachloroethane
Concen: 40.59 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion: 117 Resp: 29579
Ion Ratio Lower Upper
117 100
119 104.0 63.9 95.9#
201 95.7 61.2 91.8#

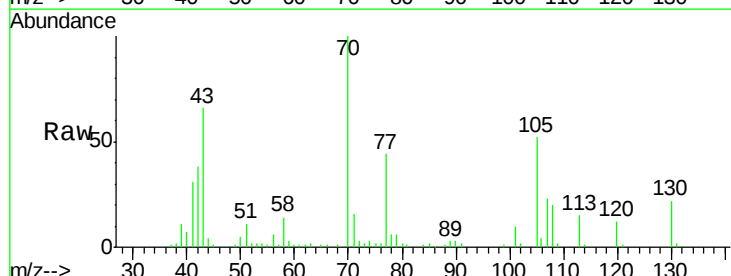


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

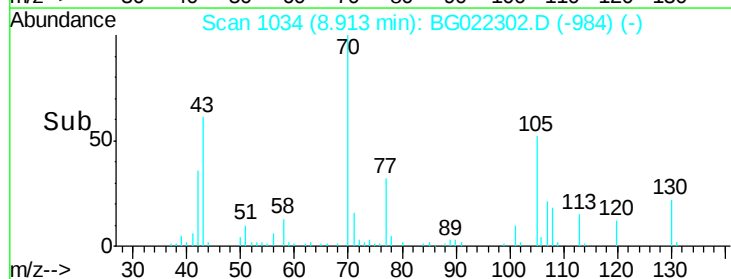
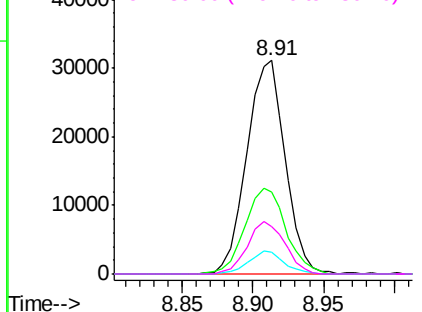


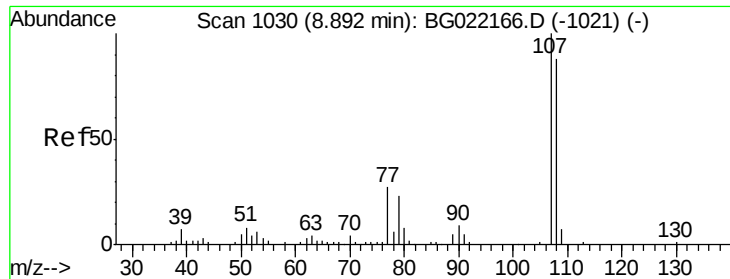
#19
n-Nitroso-di-n-propylamine
Concen: 41.30 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion: 70 Resp: 59426
Ion Ratio Lower Upper
70 100
42 38.5 56.7 85.1#
101 10.5 8.2 12.4
130 21.9 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

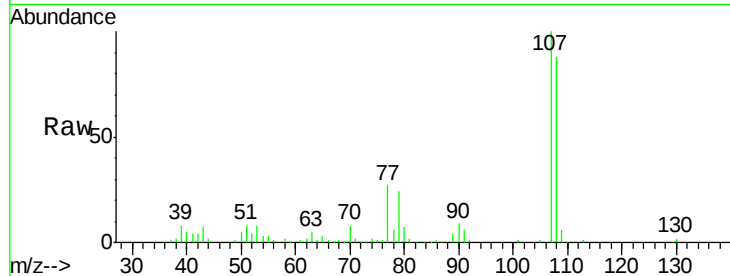




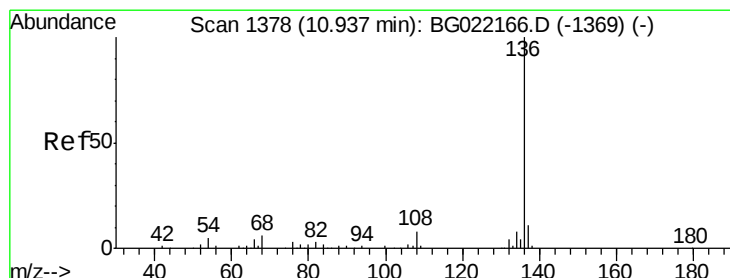
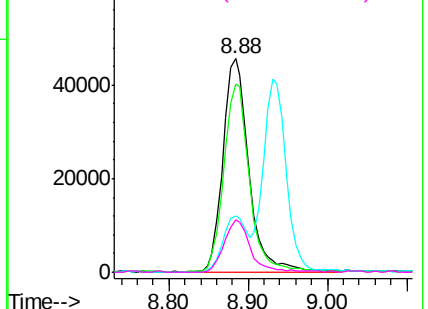
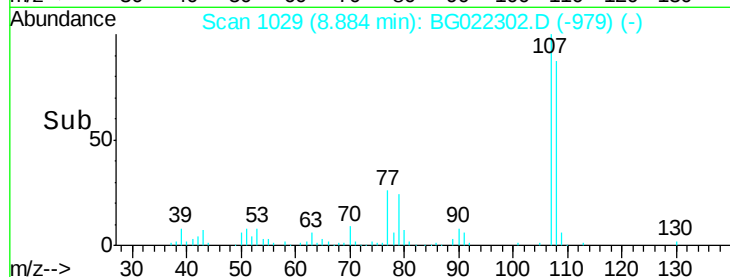
#20
3+4-Methylphenols
Concen: 44.13 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion:	107	Resp:	103525
Ion	Ratio	Lower	Upper
107	100		
108	87.9	66.2	106.2
77	26.5	11.5	51.5
79	24.3	5.6	45.6

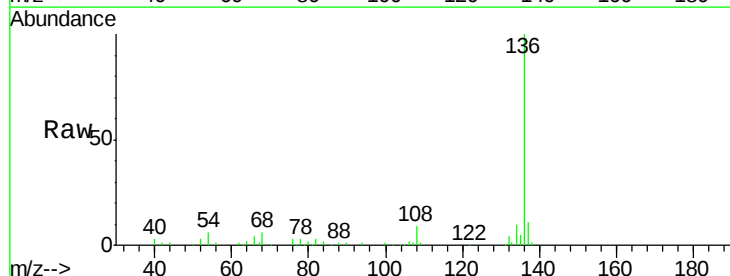


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

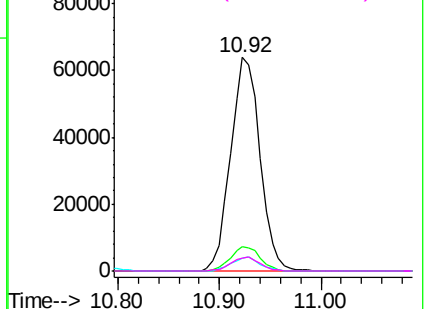
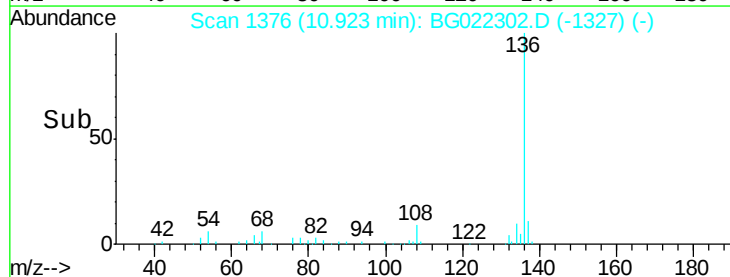


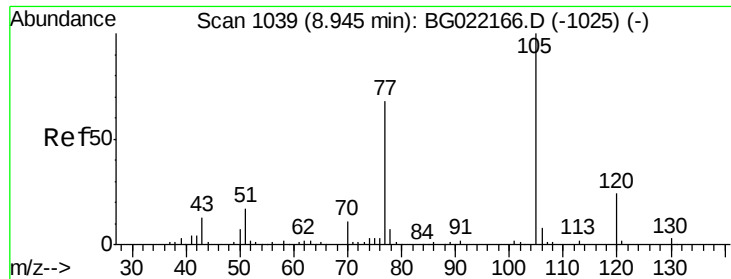
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:	136	Resp:	128350
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.1	9.6	14.4#
68	6.1	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): BG
Ion 68.00 (67.70 to 68.70): BG





#22

Acetophenone

Concen: 42.01 ng

RT: 8.93 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

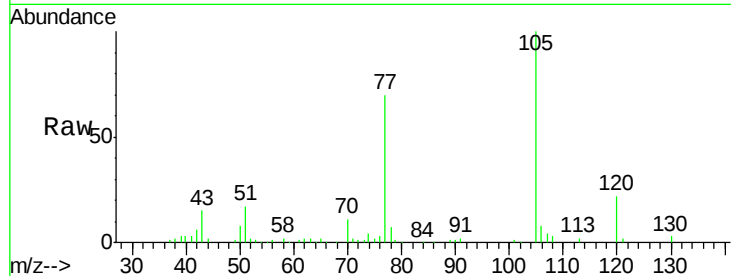
Tgt Ion: 105 Resp: 116187
Ion Ratio Lower Upper

105 100

71 1.9 0.0 0.0#

51 17.1 25.7 38.5#

120 22.1 17.0 25.6

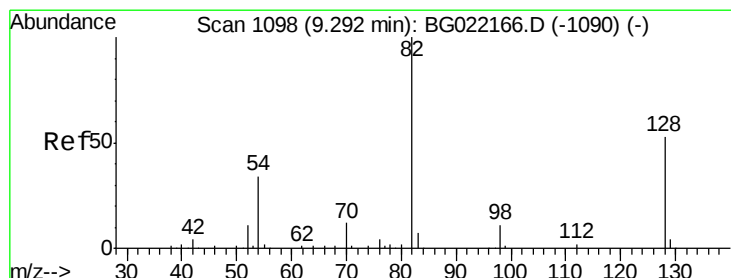
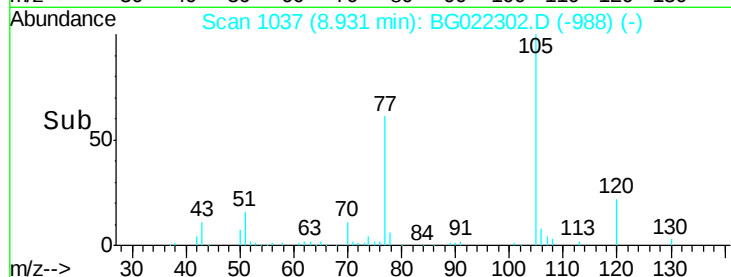
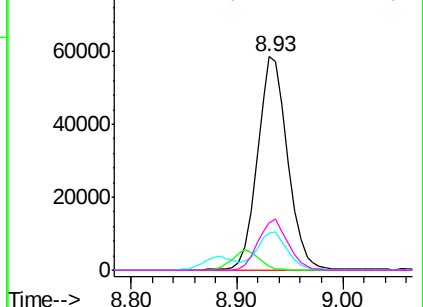


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.23 ng

RT: 9.28 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG022302.D

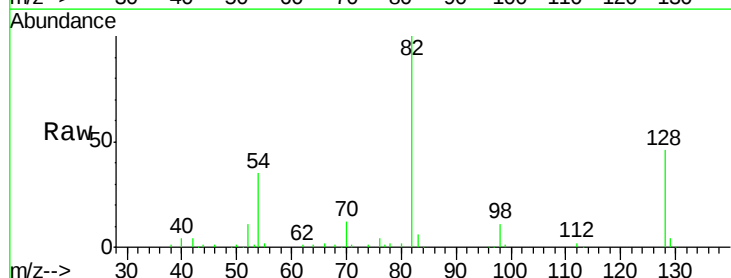
Acq: 11 Jun 2016 00:23

Tgt Ion: 82 Resp: 164275
Ion Ratio Lower Upper

82 100

128 45.7 33.4 50.0

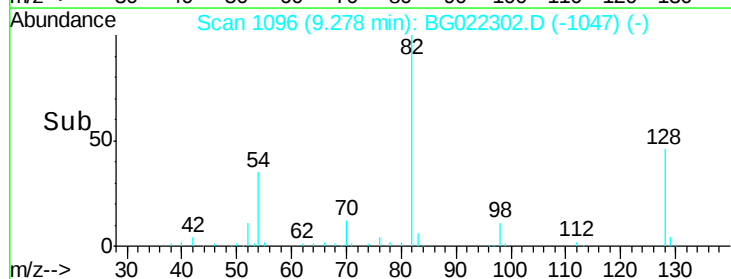
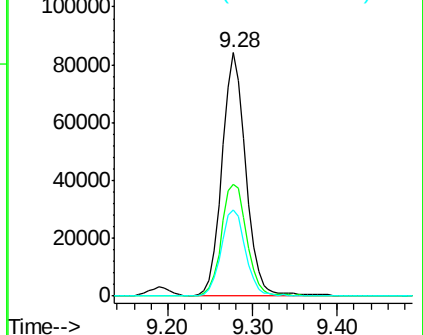
54 35.2 46.1 69.1#

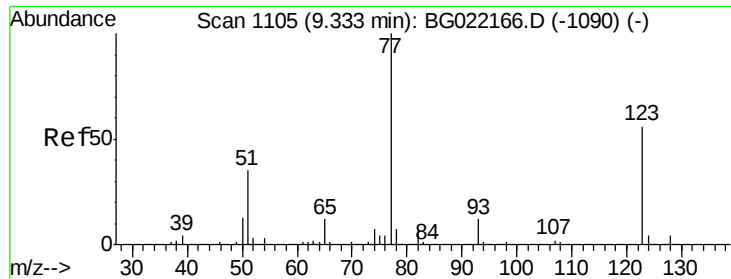


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

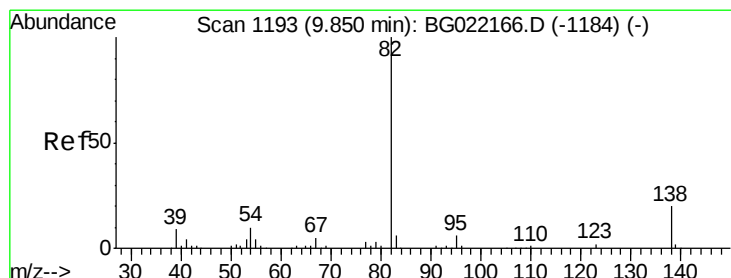
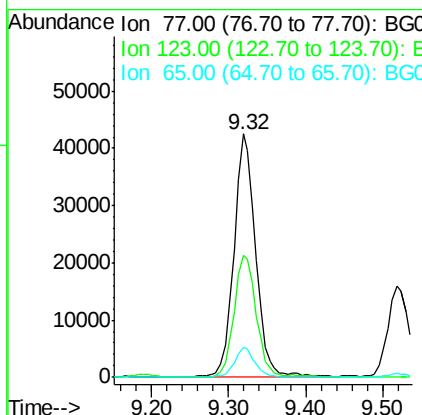
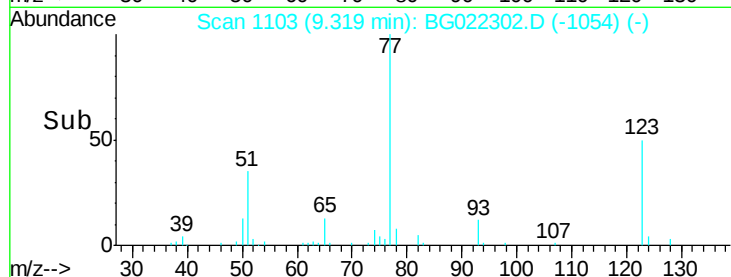
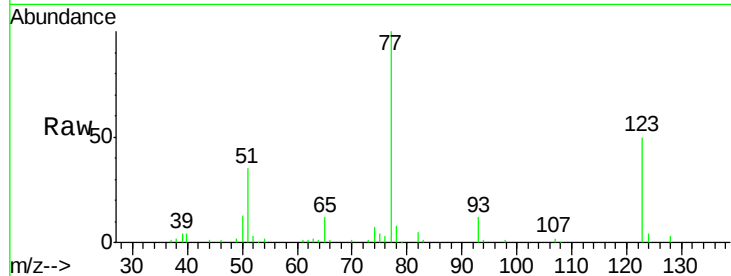




#24
 Nitrobenzene
 Concen: 45.57 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

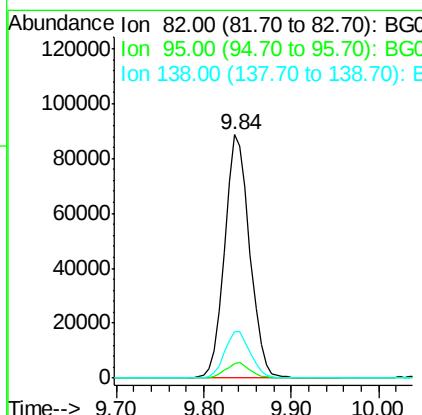
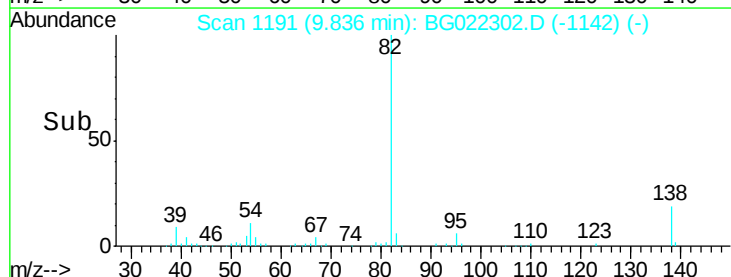
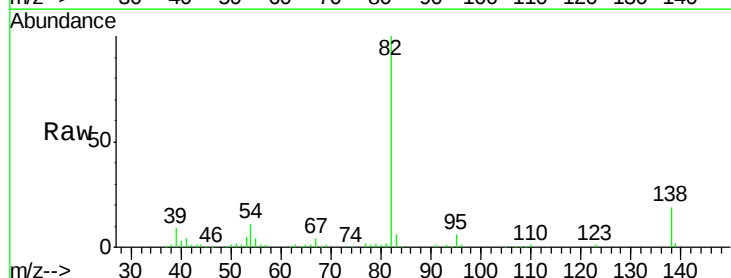
Instrument :
 BNA_G
 ClientSampled :
 PB91195BS

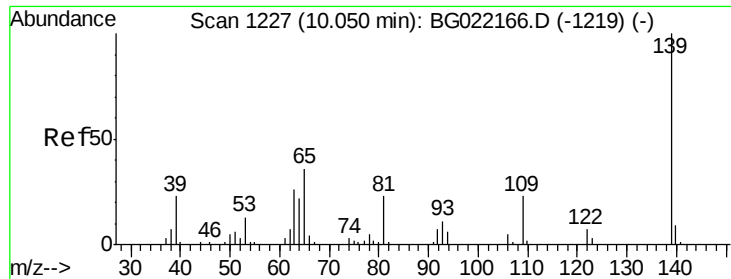
Tgt Ion: 77 Resp: 84362
 Ion Ratio Lower Upper
 77 100
 123 49.9 32.2 48.4#
 65 12.5 10.3 15.5



#25
 Isophorone
 Concen: 40.35 ng
 RT: 9.84 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion: 82 Resp: 173798
 Ion Ratio Lower Upper
 82 100
 95 5.9 6.0 9.0#
 138 19.2 13.4 20.0

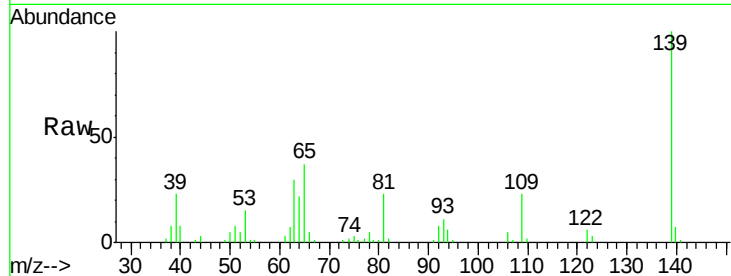




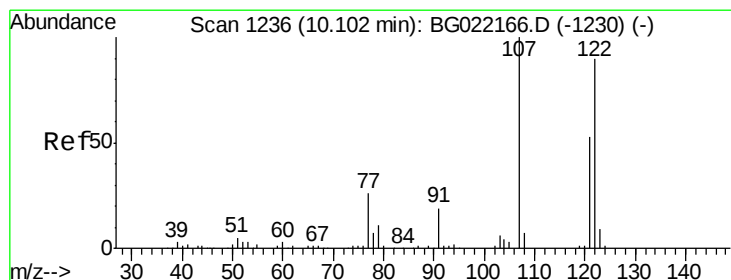
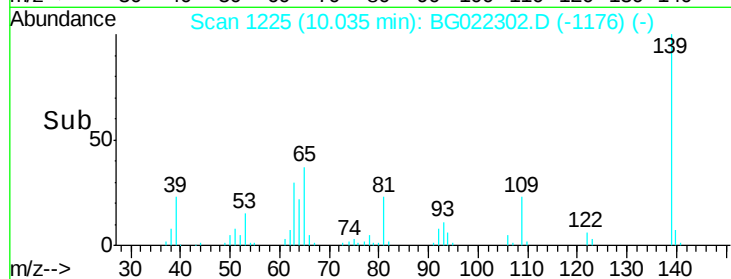
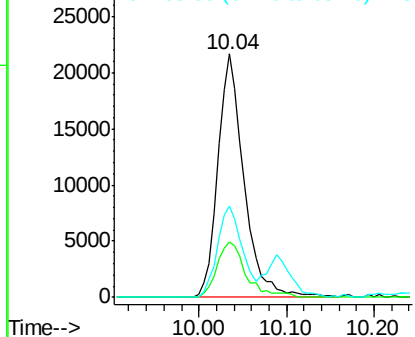
#26
 2-Nitrophenol
 Concen: 44.50 ng
 RT: 10.04 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Tgt Ion:139 Resp: 44674
 Ion Ratio Lower Upper
 139 100
 109 22.9 26.6 40.0#
 65 37.3 45.3 67.9#

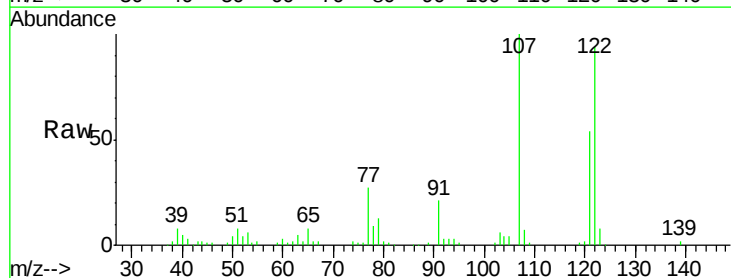


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): B

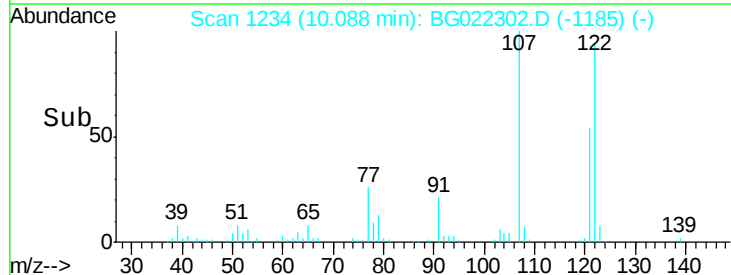
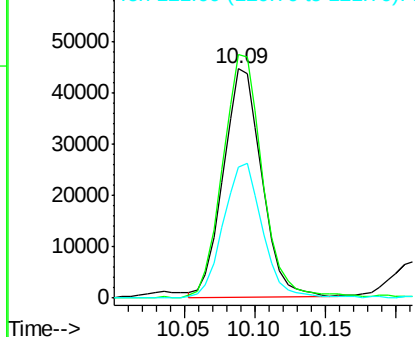


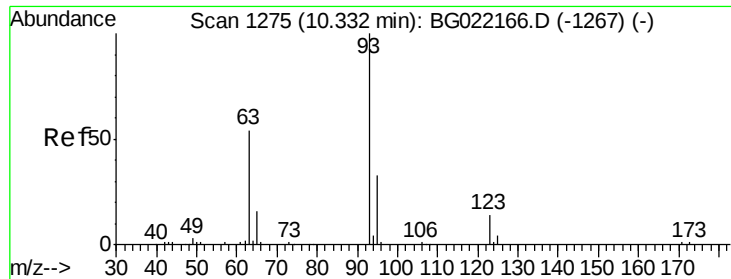
#27
 2,4-Dimethylphenol
 Concen: 46.54 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion:122 Resp: 84566
 Ion Ratio Lower Upper
 122 100
 107 106.1 97.2 145.8
 121 57.2 49.0 73.4



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

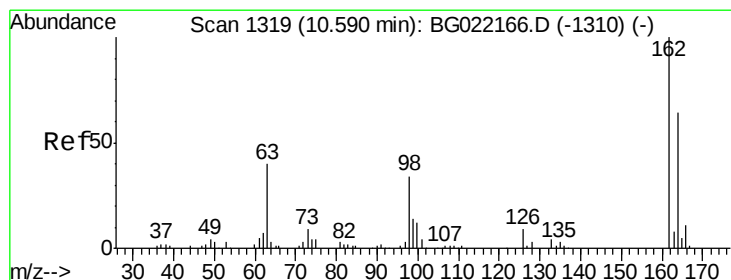
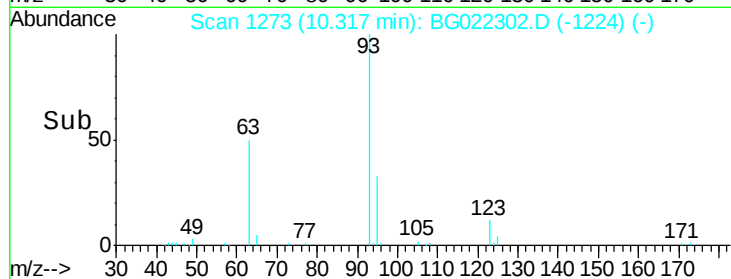
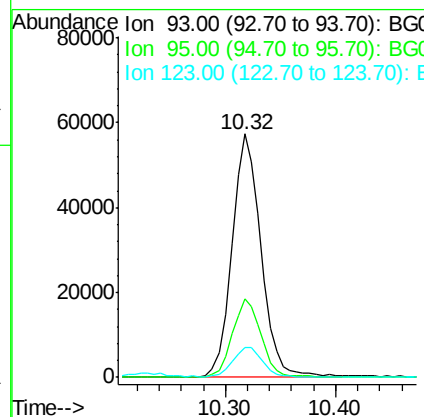
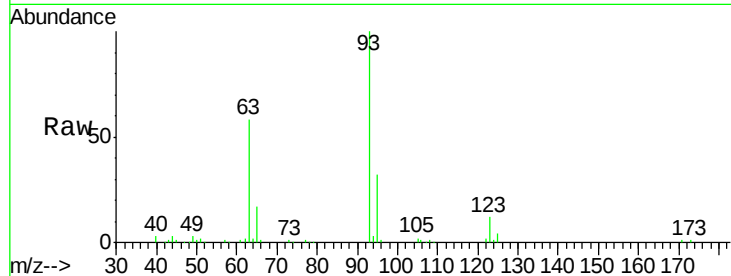




#28
bis(2-Chloroethoxy)methane
Concen: 42.81 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

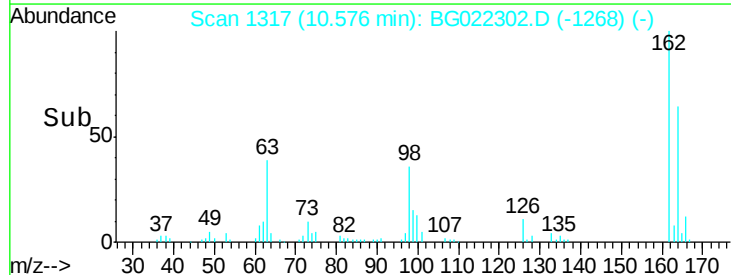
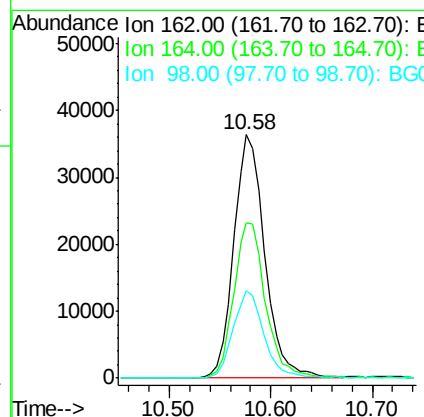
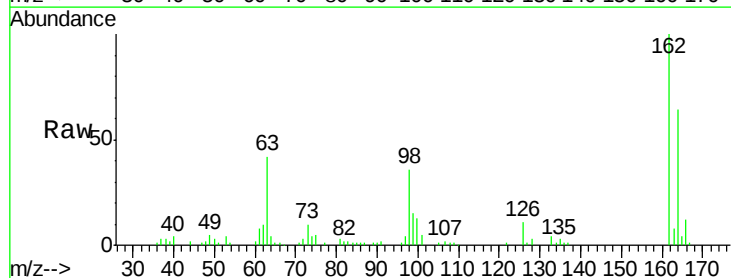
Instrument :
BNA_G
ClientSampleId :
PB91195BS

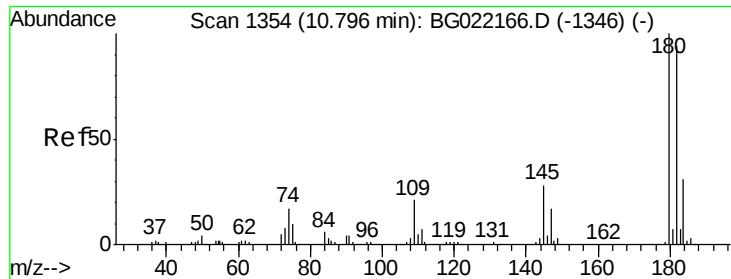
Tgt Ion: 93 Resp: 105650
Ion Ratio Lower Upper
93 100
95 32.3 30.1 45.1
123 12.4 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 45.77 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion: 162 Resp: 77051
Ion Ratio Lower Upper
162 100
164 63.6 44.9 84.9
98 36.0 19.2 59.2

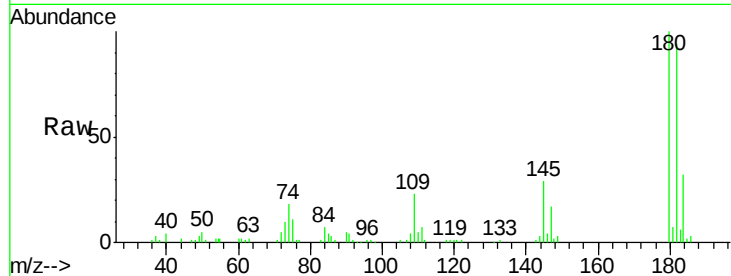




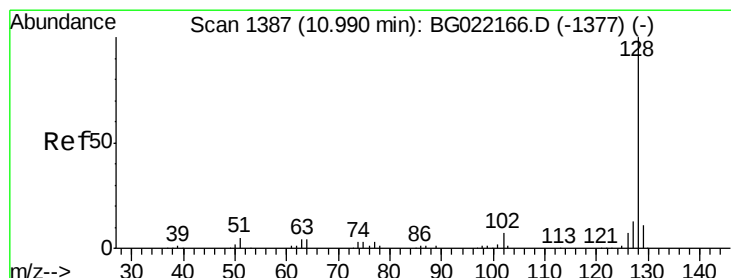
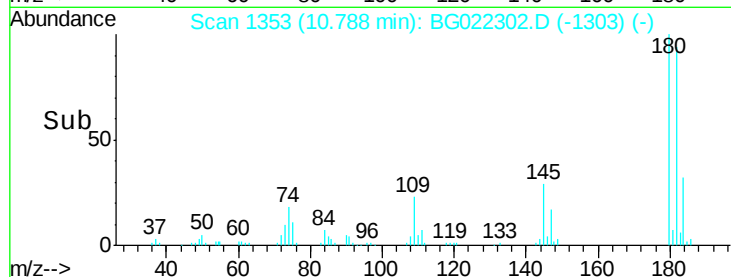
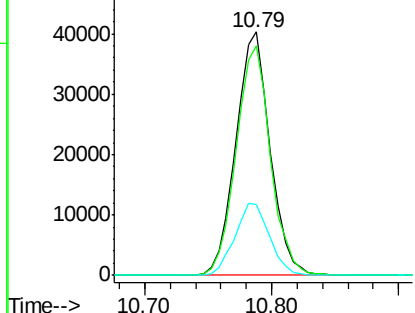
#30
 1,2,4-Trichlorobenzene
 Concen: 39.91 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

Tgt Ion:180 Resp: 75064
 Ion Ratio Lower Upper
 180 100
 182 94.3 82.3 123.5
 145 29.2 24.4 36.6

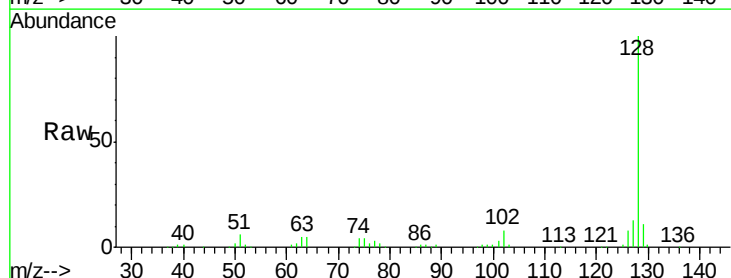


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

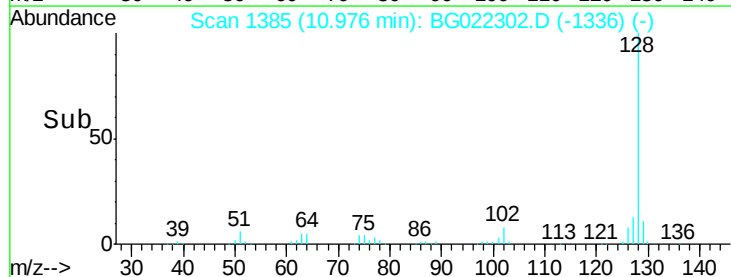
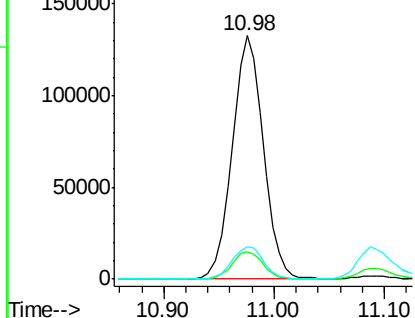


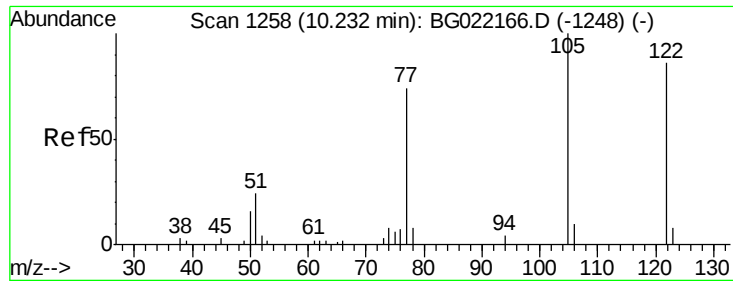
#31
 Naphthalene
 Concen: 40.90 ng
 RT: 10.98 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion:128 Resp: 262056
 Ion Ratio Lower Upper
 128 100
 129 11.0 7.0 10.6#
 127 13.4 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: 53.93 ng

RT: 10.24 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

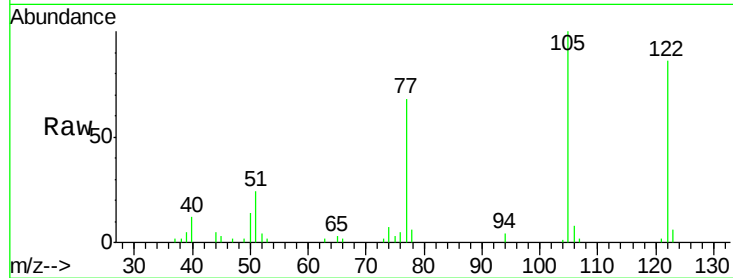
Tgt Ion:122 Resp: 35721

Ion Ratio Lower Upper

122 100

105 116.2 104.5 144.5

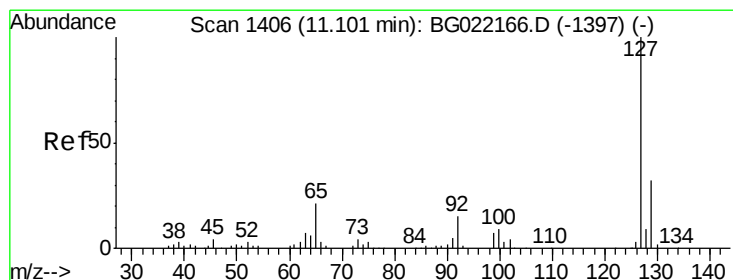
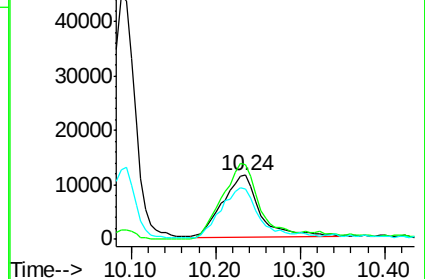
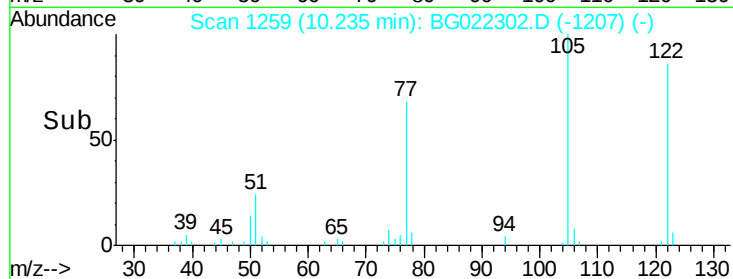
77 78.6 79.9 119.9#



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: 15.79 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:127 Resp: 42065

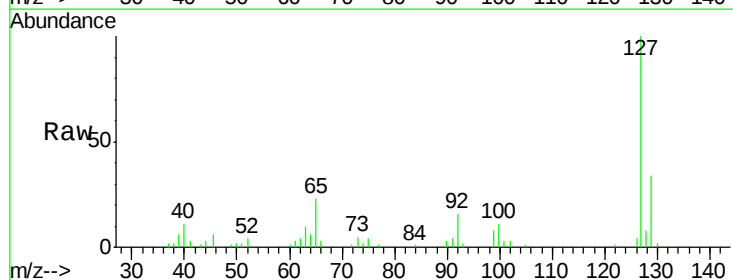
Ion Ratio Lower Upper

127 100

129 33.8 26.6 39.8

65 22.5 27.5 41.3#

92 15.6 14.7 22.1

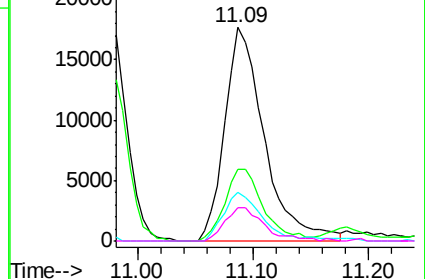
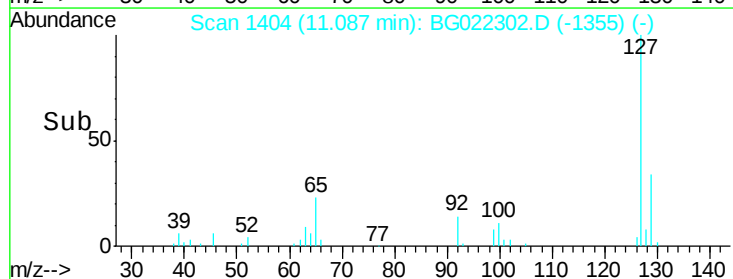


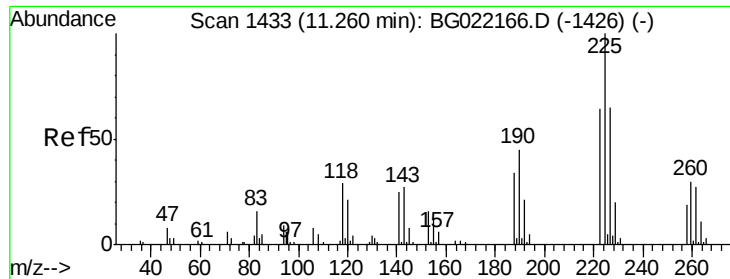
Abundance Ion 127.00 (126.70 to 127.70): E

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

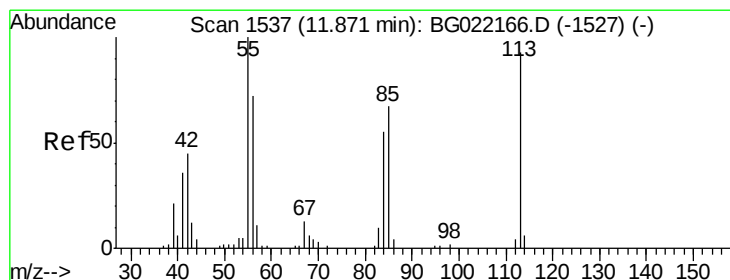
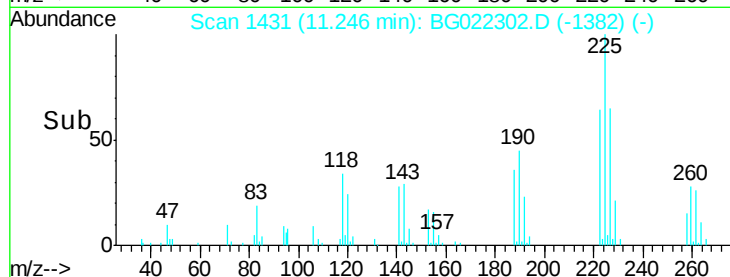
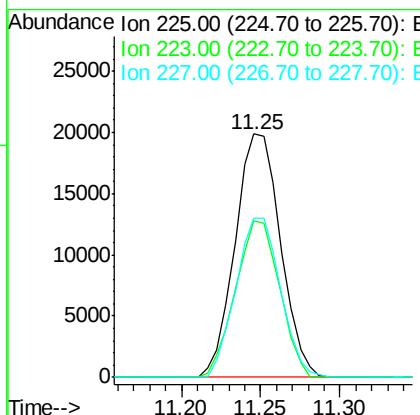
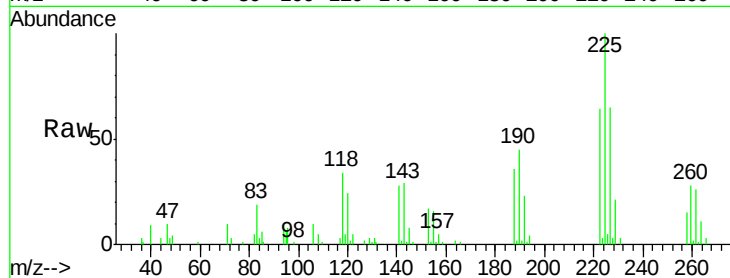




#34
Hexachlorobutadiene
Concen: 39.04 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

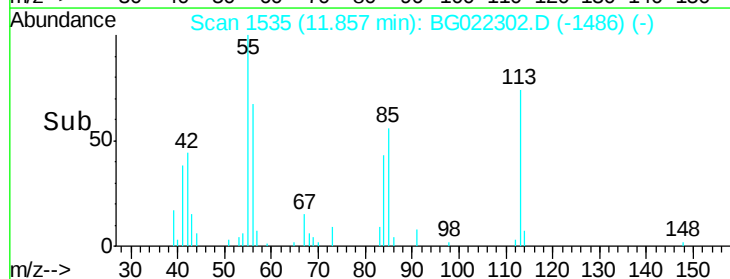
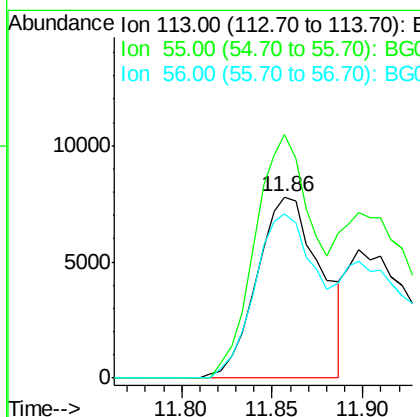
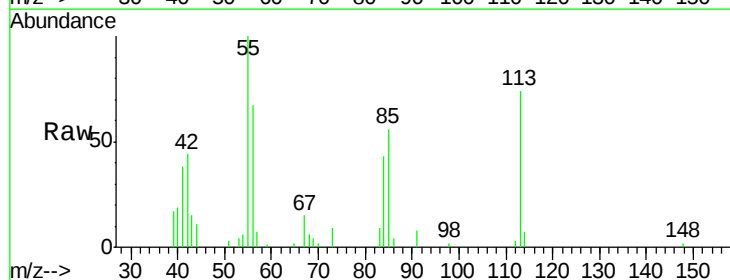
Instrument :
BNA_G
ClientSampleId :
PB91195BS

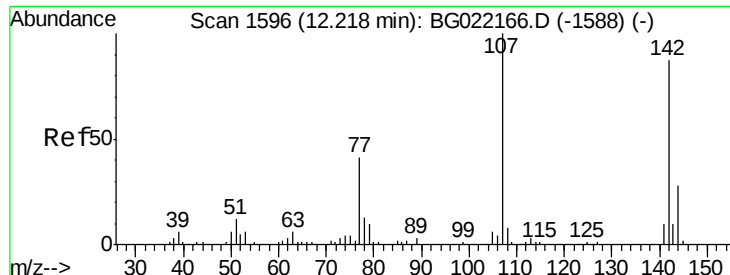
Tgt Ion: 225 Resp: 39424
Ion Ratio Lower Upper
225 100
223 64.1 52.7 79.1
227 64.3 49.7 74.5



#35
Caprolactam
Concen: 20.75 ng
RT: 11.86 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion: 113 Resp: 19162
Ion Ratio Lower Upper
113 100
55 134.4 194.2 234.2#
56 90.6 122.6 162.6#

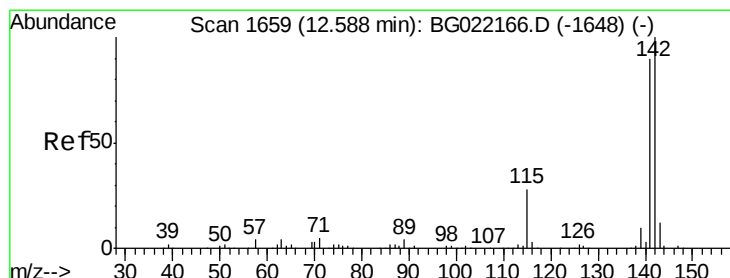
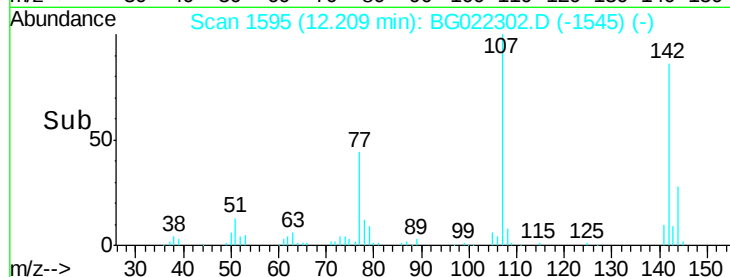
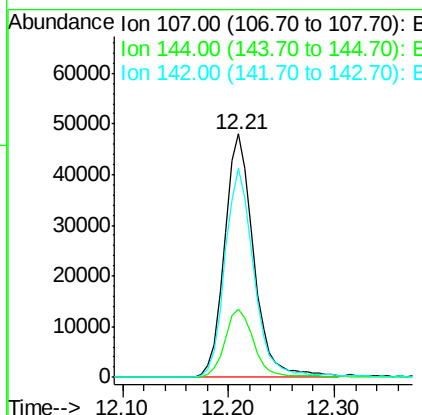
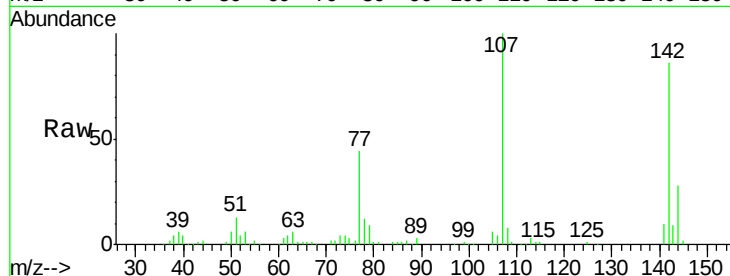




#36
 4-Chloro-3-methylphenol
 Concen: 45.95 ng
 RT: 12.21 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

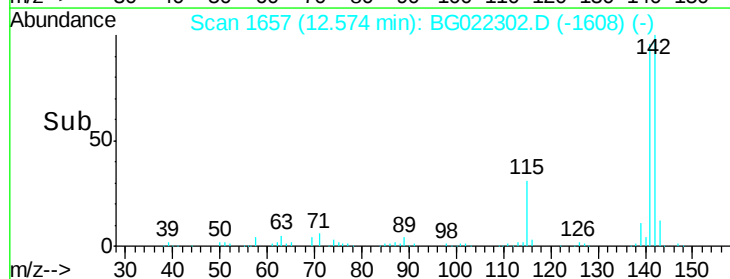
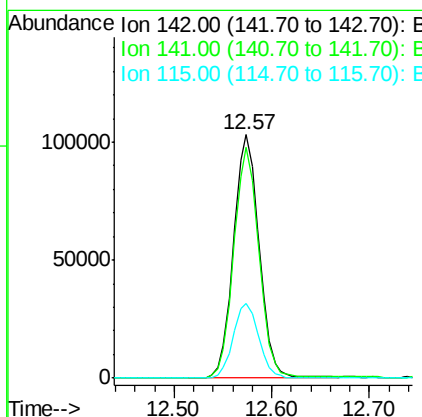
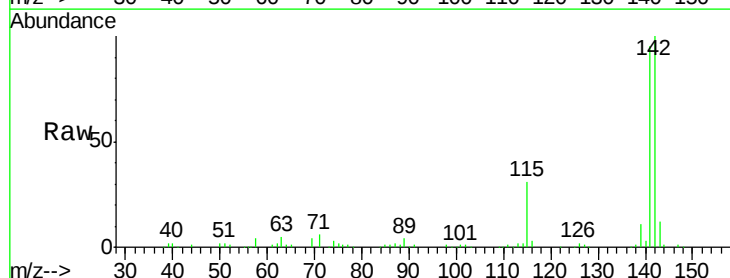
Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

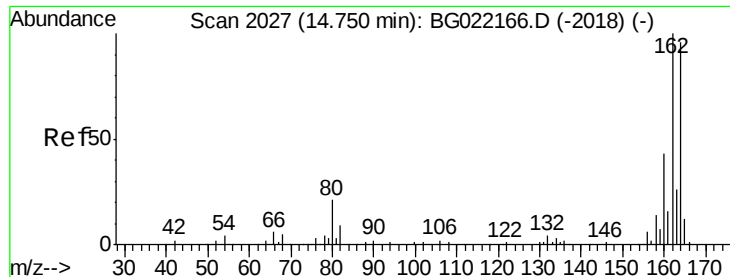
Tgt Ion:107 Resp: 91670
 Ion Ratio Lower Upper
 107 100
 144 28.1 19.2 28.8
 142 85.7 59.1 88.7



#37
 2-Methylnaphthalene
 Concen: 39.71 ng
 RT: 12.57 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion:142 Resp: 187812
 Ion Ratio Lower Upper
 142 100
 141 95.0 71.4 107.0
 115 30.5 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

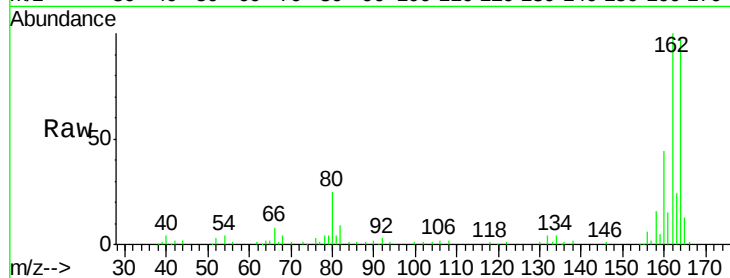
Tgt Ion:164 Resp: 75879

Ion Ratio Lower Upper

164 100

162 102.3 78.0 117.0

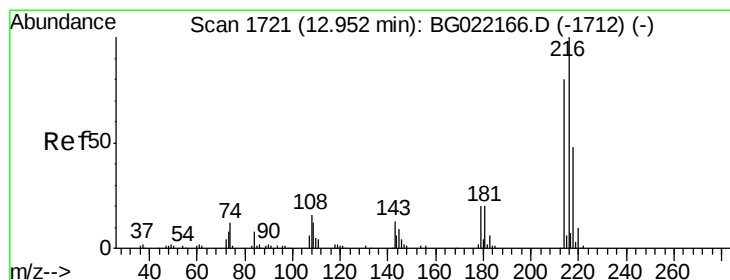
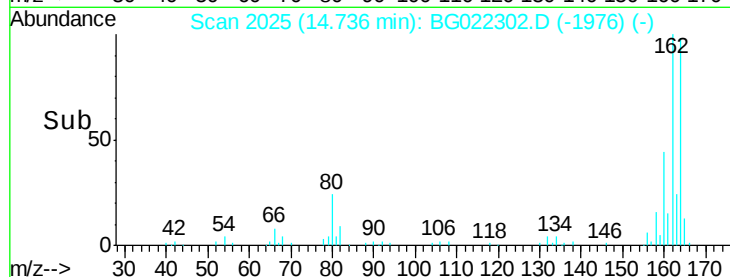
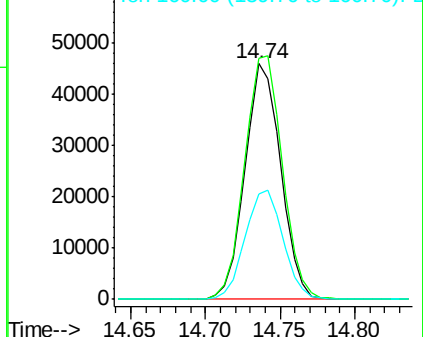
160 44.9 32.9 49.3



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: 40.53 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:216 Resp: 79162

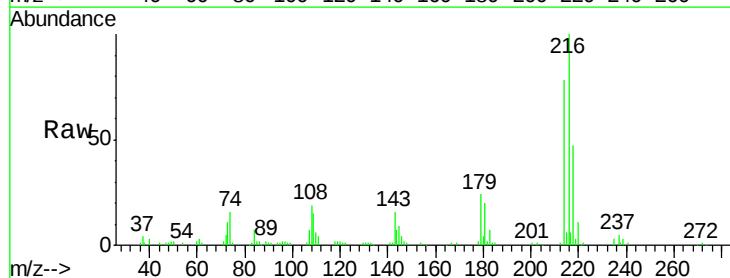
Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.2

179 22.6 16.7 25.1

108 21.8 14.0 21.0#

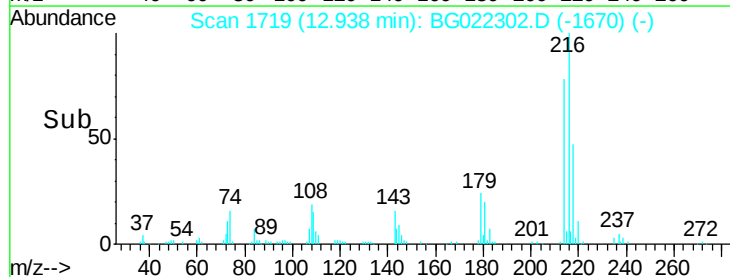
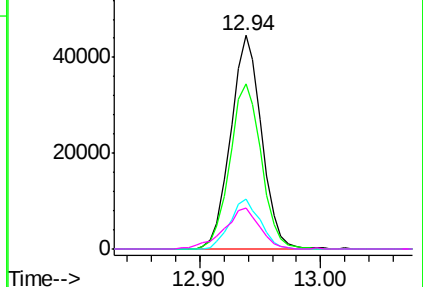


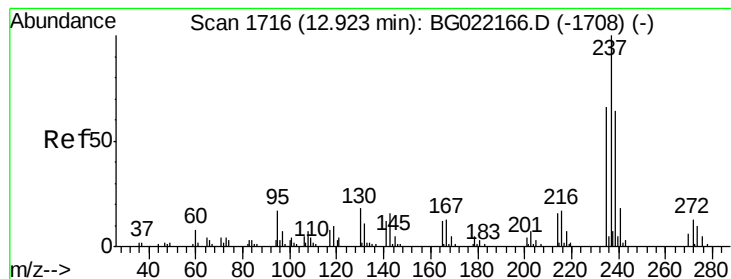
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 69.58 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

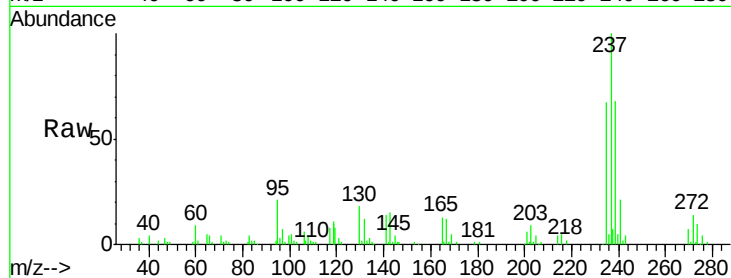
Tgt Ion:237 Resp: 68580

Ion Ratio Lower Upper

237 100

235 67.2 43.2 83.2

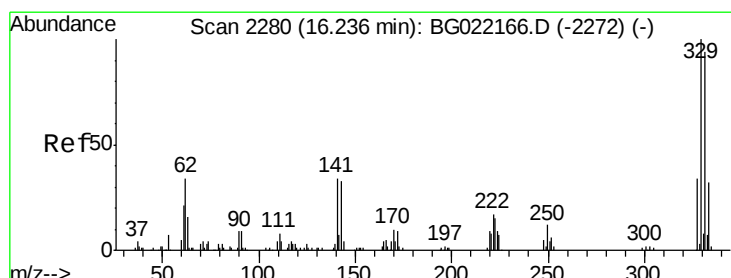
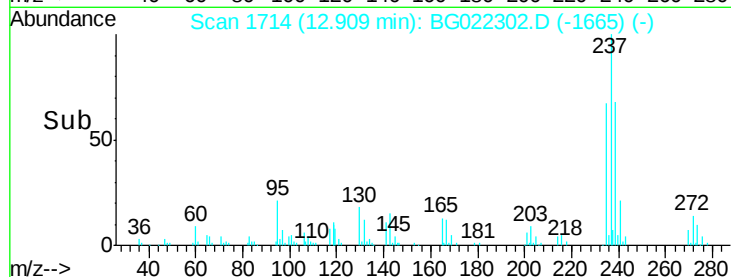
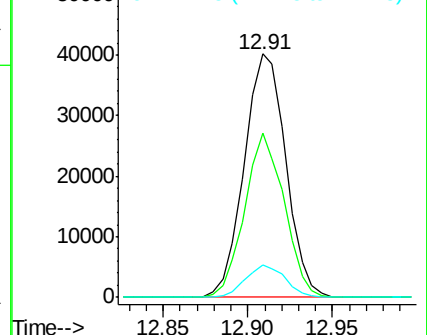
272 13.6 0.0 33.4



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: 119.49 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

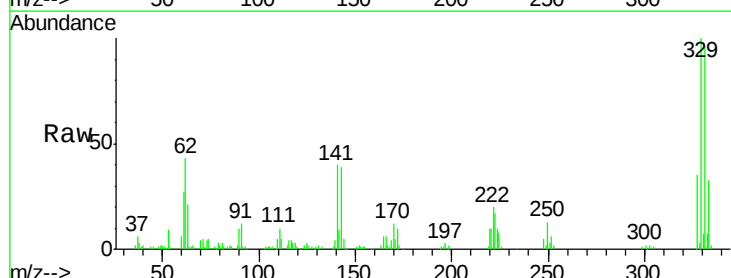
Tgt Ion:330 Resp: 102450

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

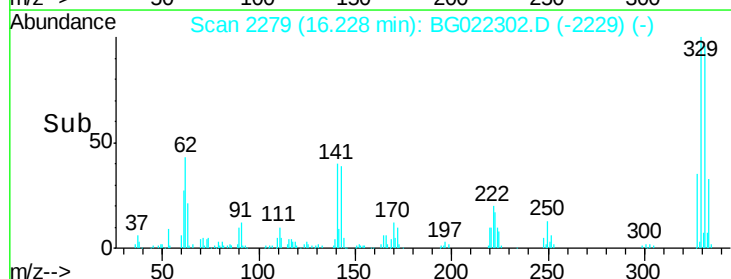
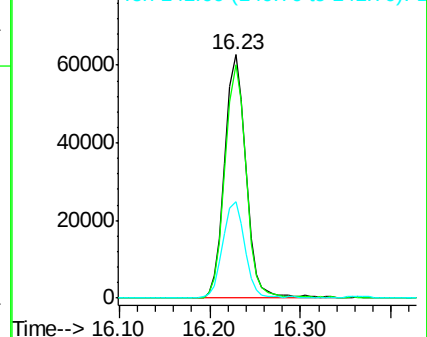
141 41.1 33.8 50.8

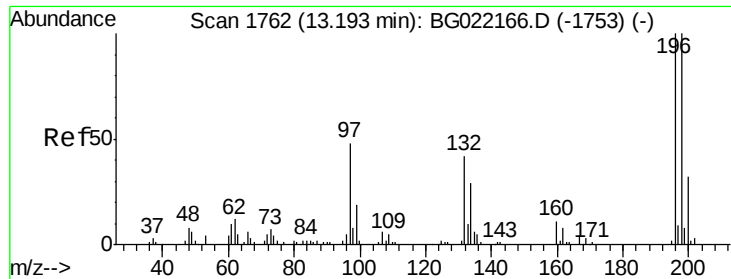


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

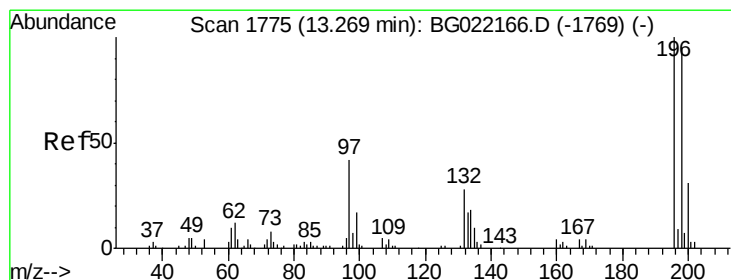
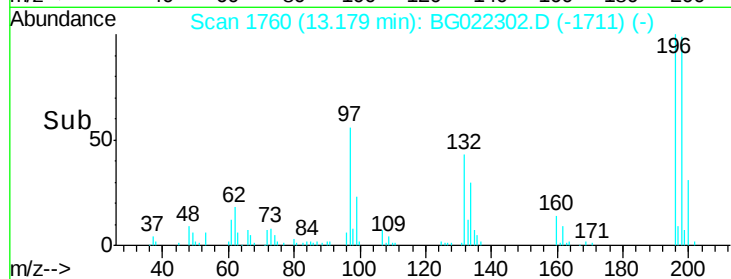
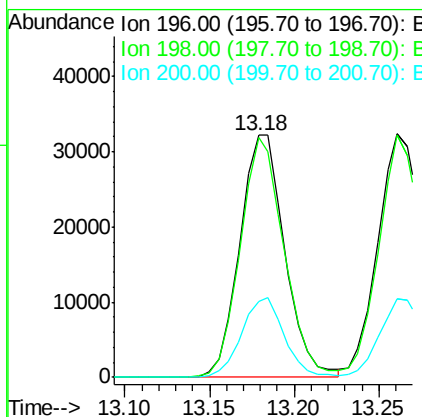
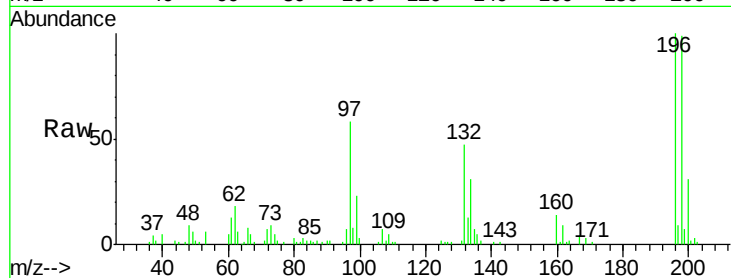




#42
 2,4,6-Trichlorophenol
 Concen: 45.47 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

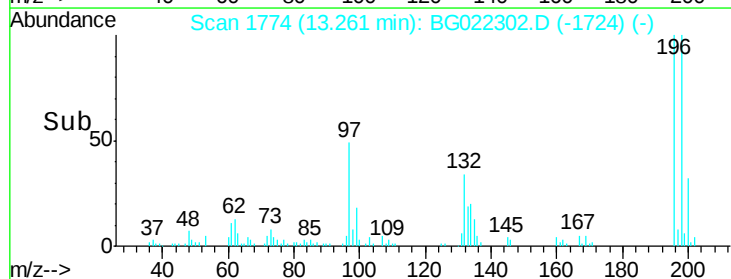
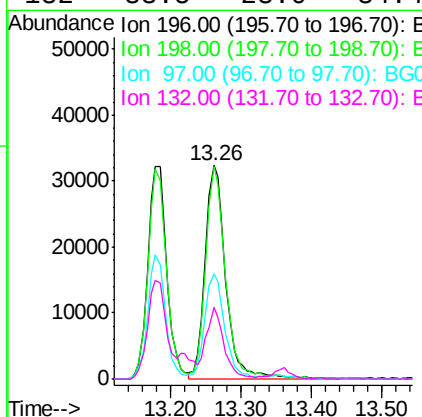
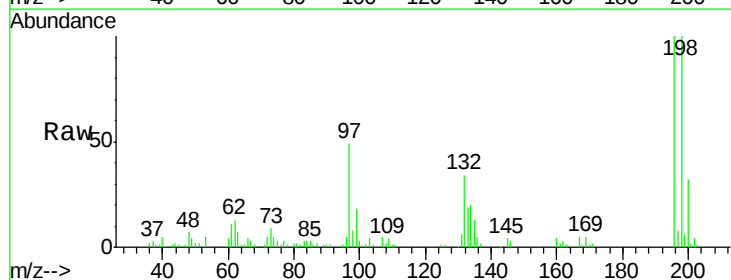
Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

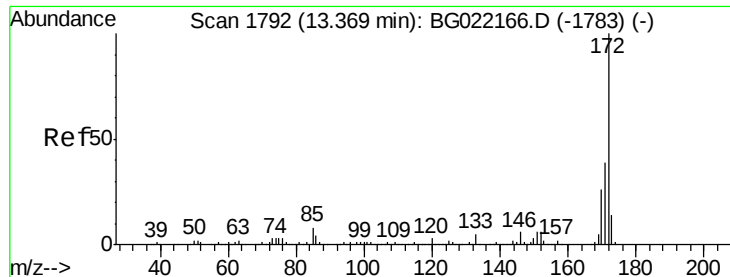
Tgt Ion:196 Resp: 59578
 Ion Ratio Lower Upper
 196 100
 198 98.9 80.1 120.1
 200 33.4 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 45.81 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion:196 Resp: 66324
 Ion Ratio Lower Upper
 196 100
 198 99.8 78.0 117.0
 97 48.9 43.0 64.6
 132 33.5 23.0 34.4

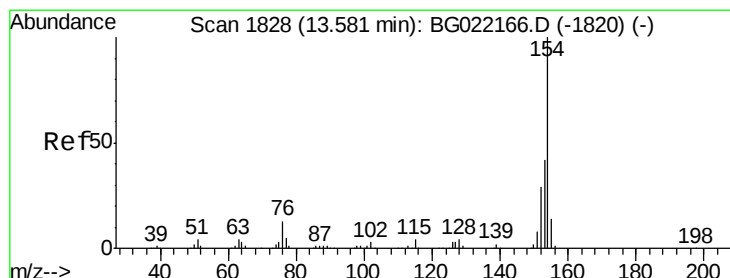
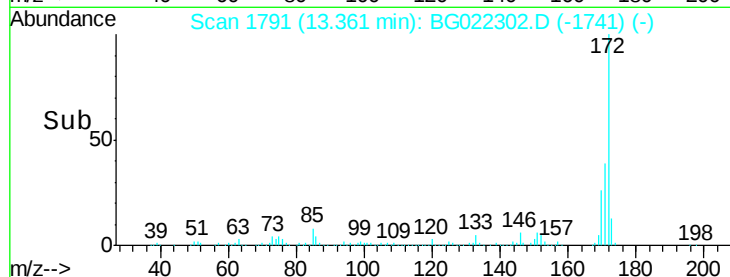
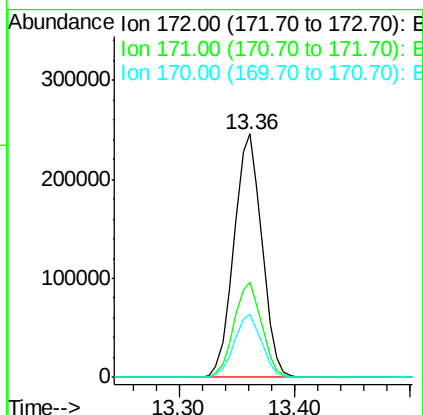
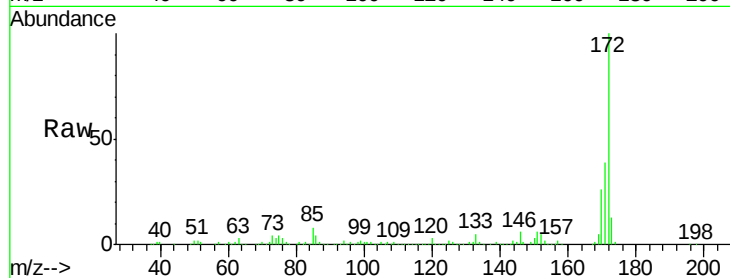




#44
2-Fluorobiphenyl
Concen: 82.65 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

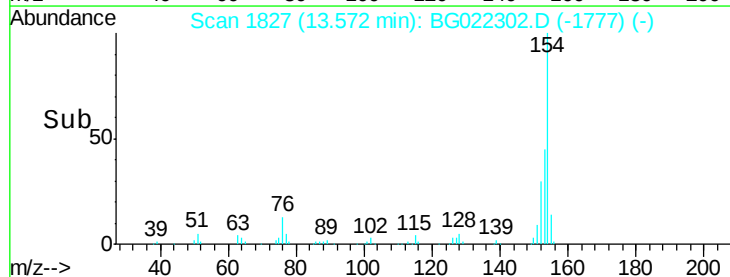
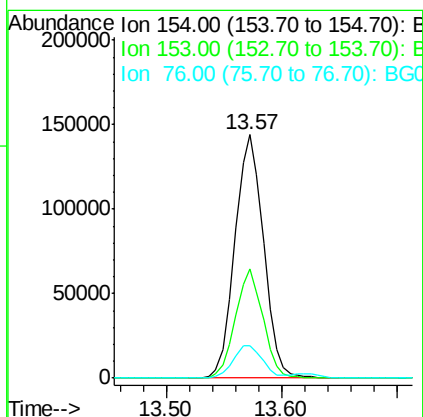
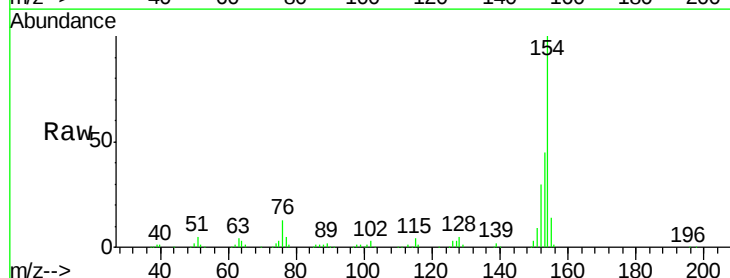
Instrument :
BNA_G
ClientSampleId :
PB91195BS

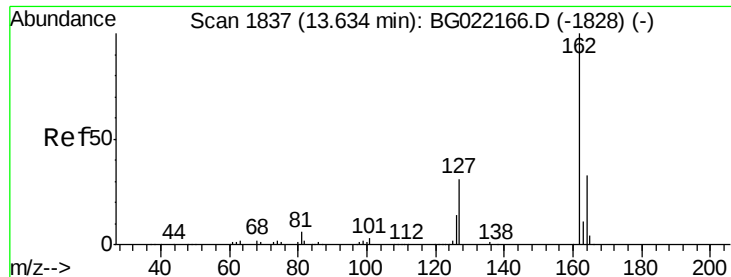
Tgt Ion:172 Resp: 411502
Ion Ratio Lower Upper
172 100
171 38.9 27.8 41.6
170 25.7 19.6 29.4



#45
1,1'-Biphenyl
Concen: 43.33 ng
RT: 13.57 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:154 Resp: 247433
Ion Ratio Lower Upper
154 100
153 44.8 19.7 59.7
76 13.4 0.0 33.0

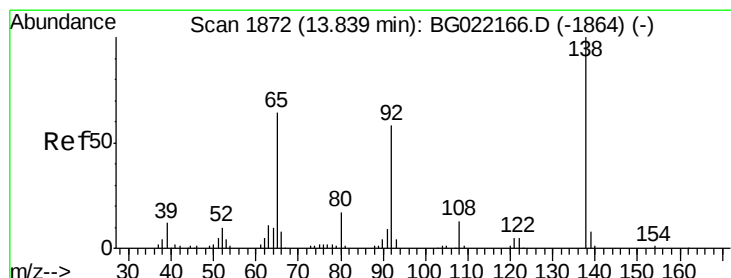
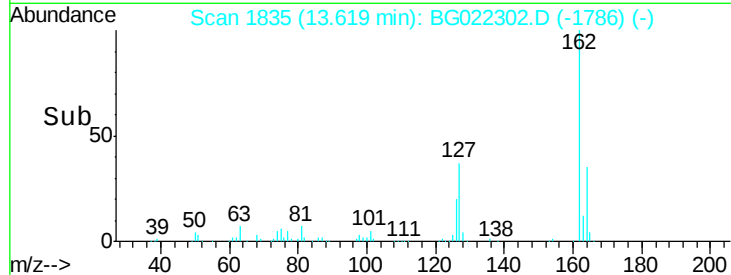
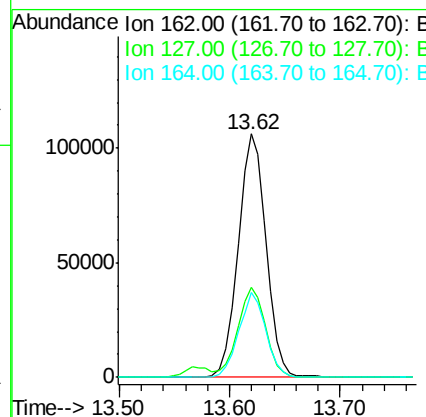
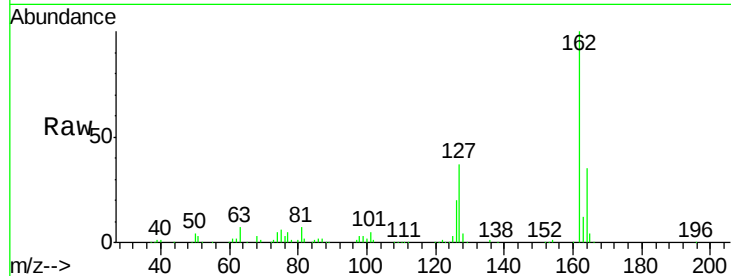




#46
 2-Chloronaphthalene
 Concen: 42.96 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

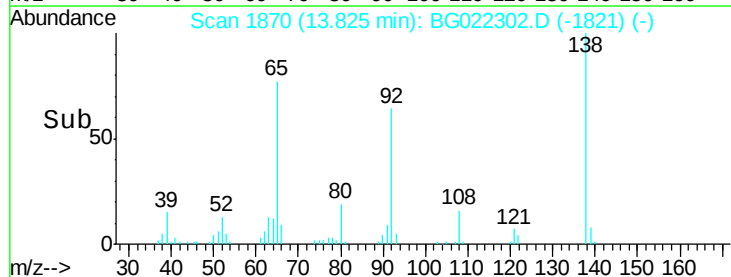
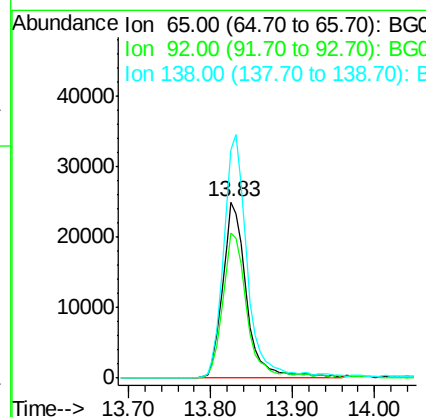
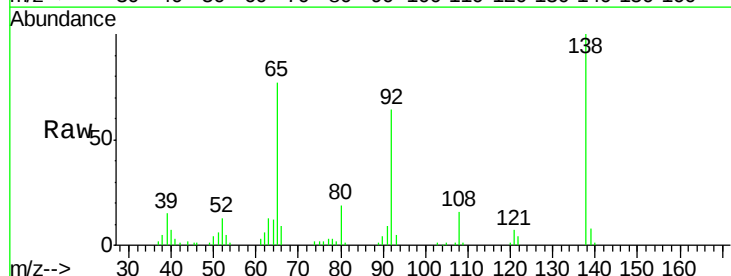
Instrument :
 BNA_G
 ClientSampled :
 PB91195BS

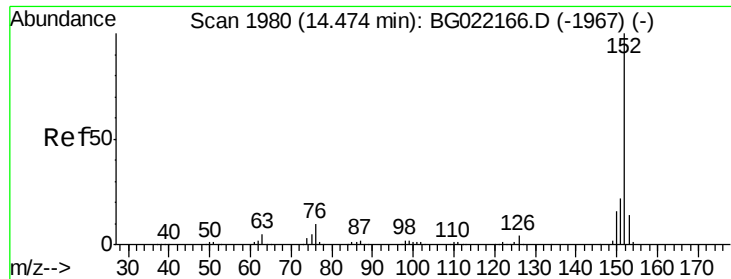
Tgt Ion: 162 Resp: 188048
 Ion Ratio Lower Upper
 162 100
 127 36.9 32.0 48.0
 164 34.9 27.0 40.4



#47
 2-Nitroaniline
 Concen: 48.52 ng
 RT: 13.83 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion: 65 Resp: 50644
 Ion Ratio Lower Upper
 65 100
 92 82.6 49.2 73.8#
 138 129.4 75.0 112.6#





#48

Acenaphthylene

Concen: 42.79 ng

RT: 14.47 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

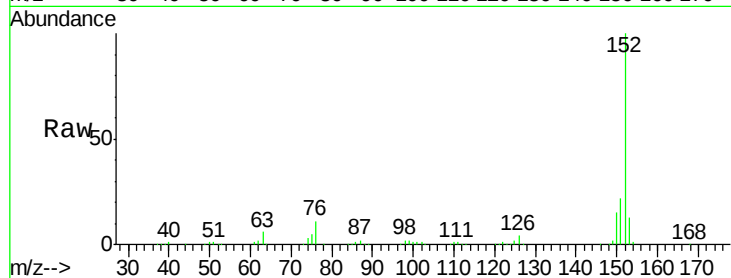
Tgt Ion:152 Resp: 328614

Ion Ratio Lower Upper

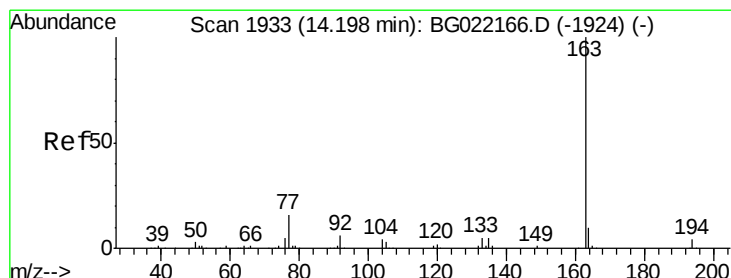
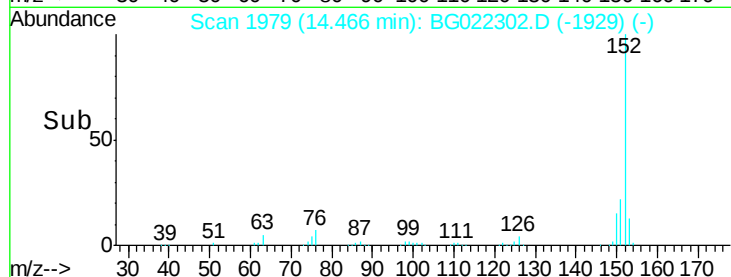
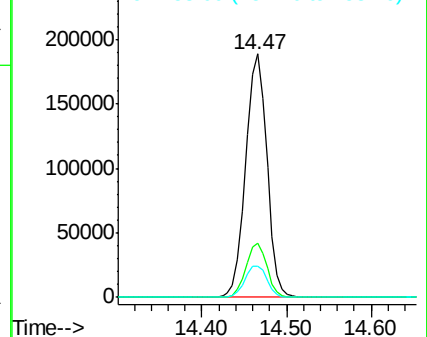
152 100

151 22.0 16.6 24.8

153 13.0 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: 40.28 ng

RT: 14.18 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

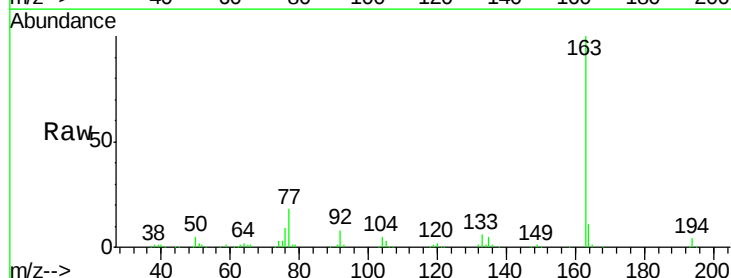
Tgt Ion:163 Resp: 253402

Ion Ratio Lower Upper

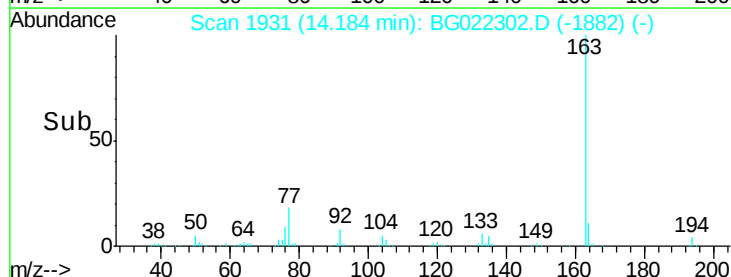
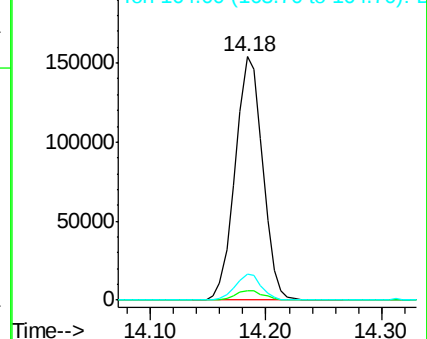
163 100

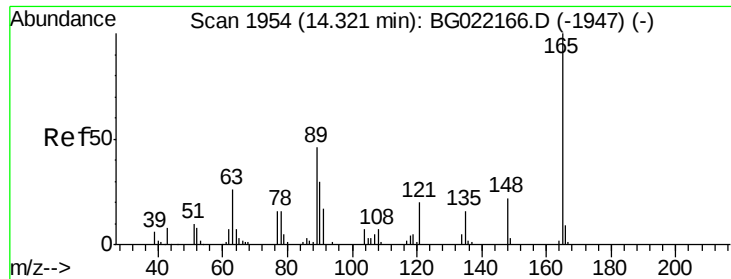
194 3.8 3.0 4.6

164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

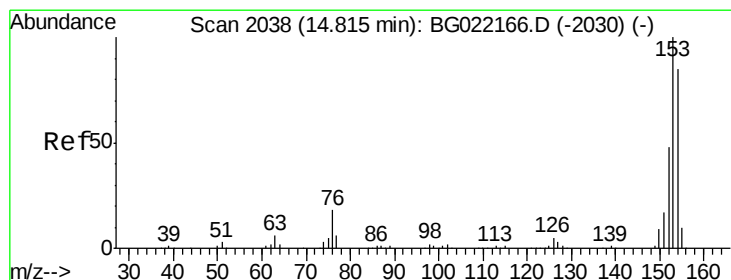
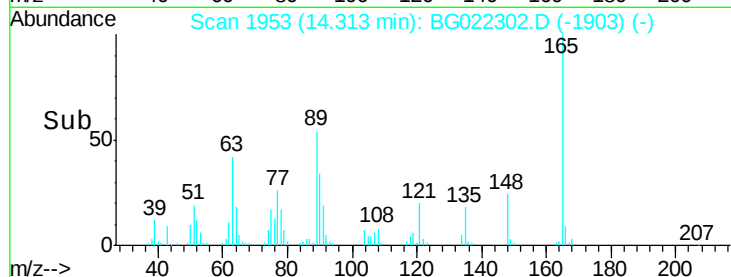
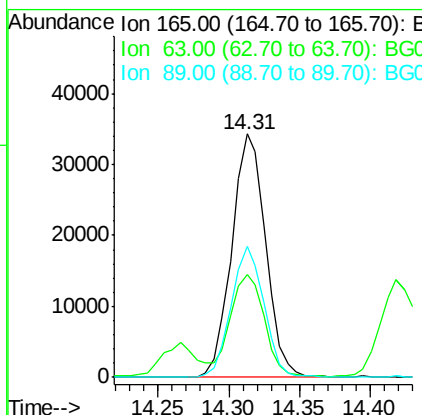
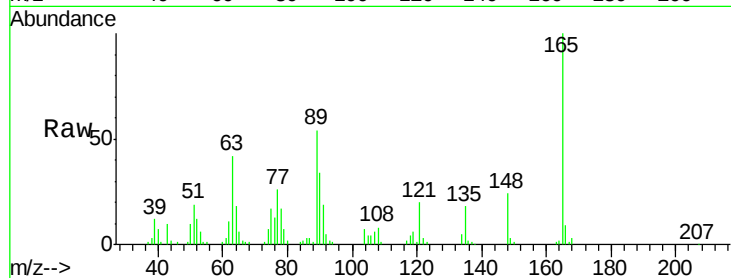




#50
2,6-Dinitrotoluene
Concen: 41.96 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

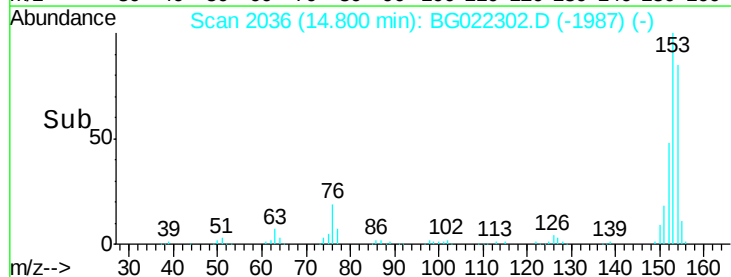
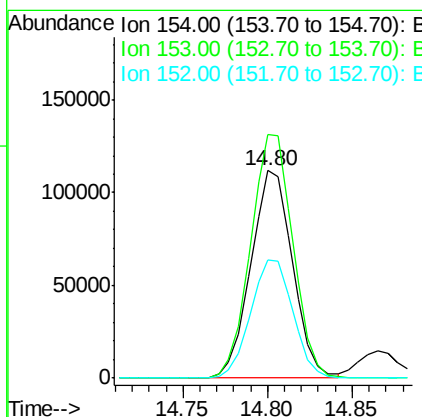
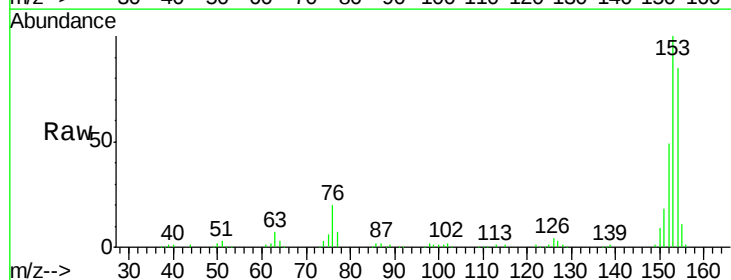
Instrument :
BNA_G
ClientSampleId :
PB91195BS

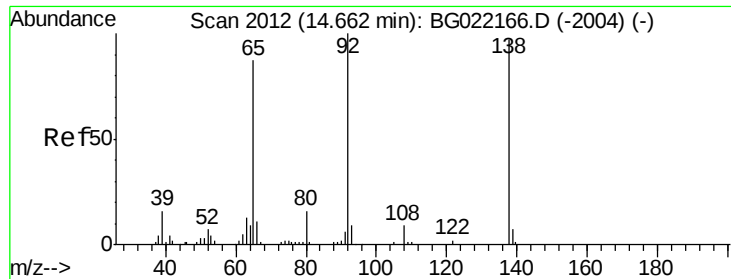
Tgt Ion:165 Resp: 57387
Ion Ratio Lower Upper
165 100
63 42.5 48.2 72.4#
89 53.7 45.3 67.9



#51
Acenaphthene
Concen: 41.79 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:154 Resp: 192312
Ion Ratio Lower Upper
154 100
153 117.3 91.9 137.9
152 57.2 42.0 63.0

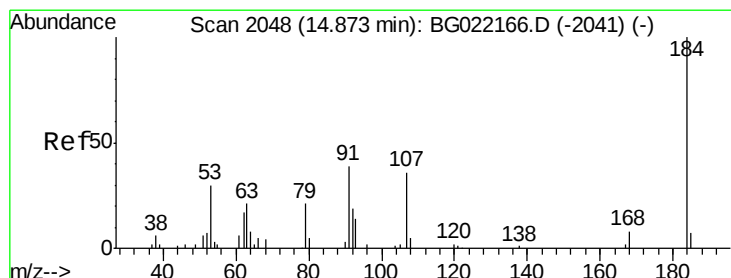
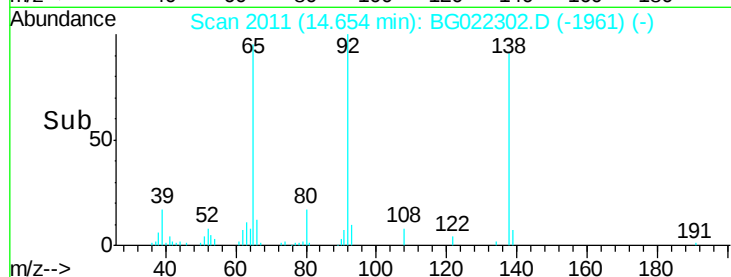
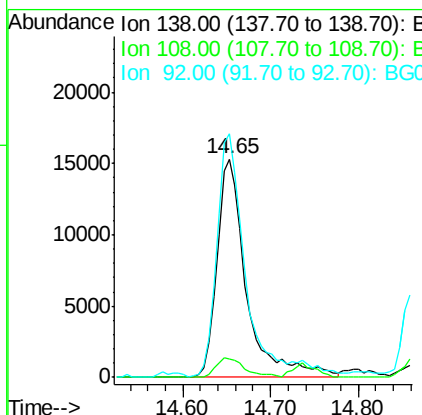
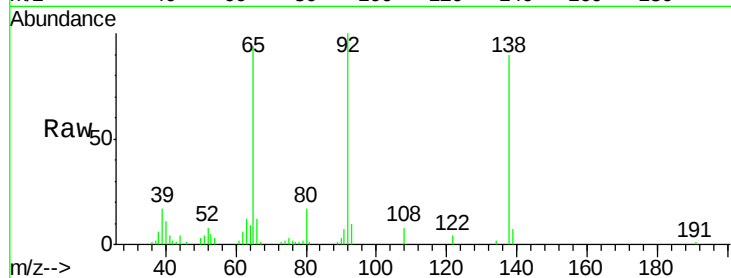




#52
3-Nitroaniline
Concen: 23.38 ng
RT: 14.65 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

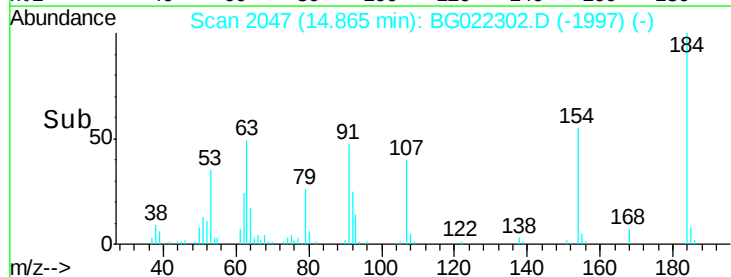
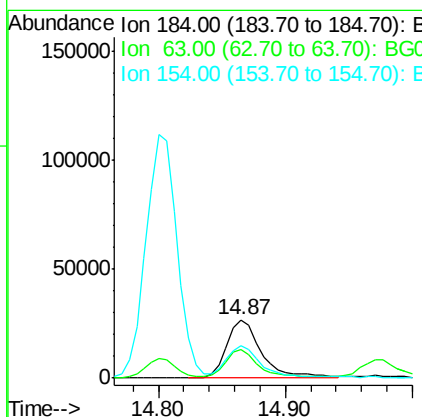
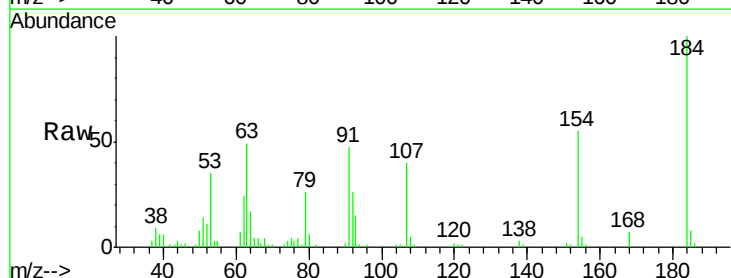
Instrument :
BNA_G
ClientSampleId :
PB91195BS

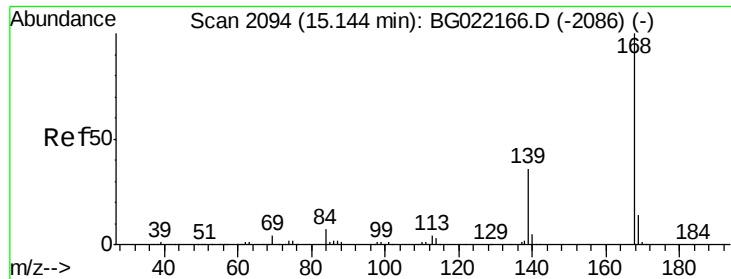
Tgt Ion:138 Resp: 35468
Ion Ratio Lower Upper
138 100
108 8.6 9.1 13.7#
92 111.4 102.6 154.0



#53
2,4-Dinitrophenol
Concen: 90.12 ng
RT: 14.87 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:184 Resp: 51227
Ion Ratio Lower Upper
184 100
63 49.3 57.3 85.9#
154 55.4 55.2 82.8





#54

Dibenzenofuran

Concen: 41.76 ng

RT: 15.14 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

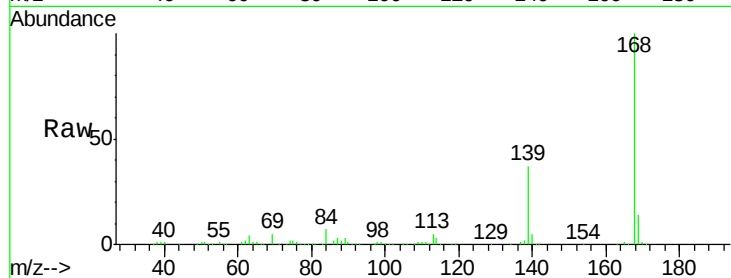
Tgt Ion:168 Resp: 299894

Ion Ratio Lower Upper

168 100

139 36.7 31.1 46.7

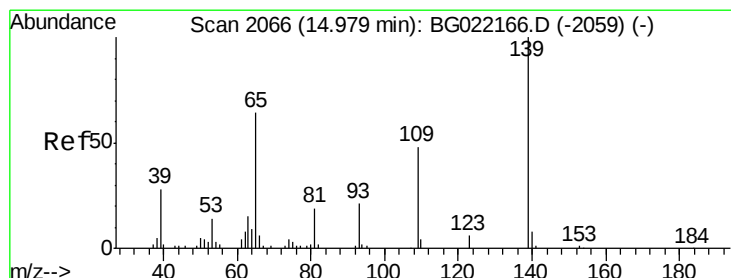
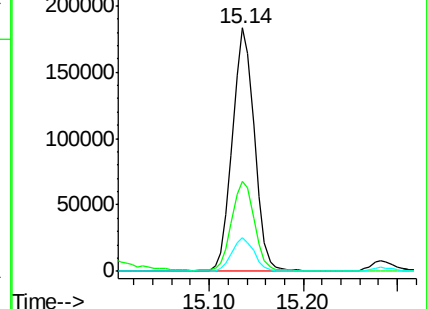
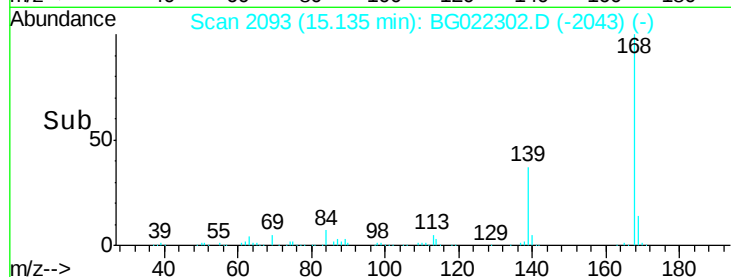
169 14.0 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 90.25 ng

RT: 14.97 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

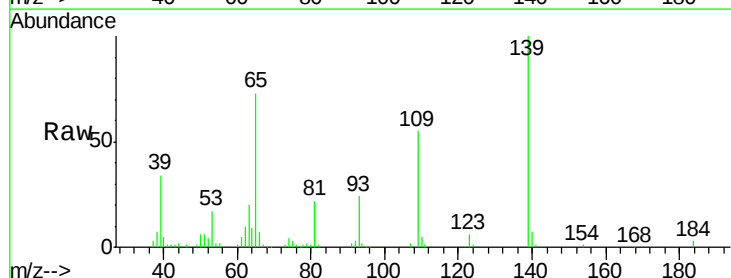
Tgt Ion:139 Resp: 94482

Ion Ratio Lower Upper

139 100

109 55.1 49.2 89.2

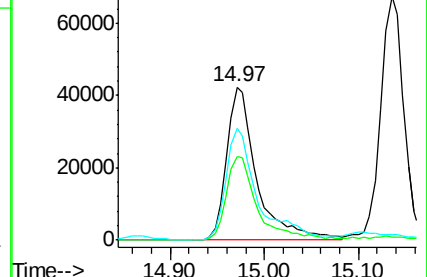
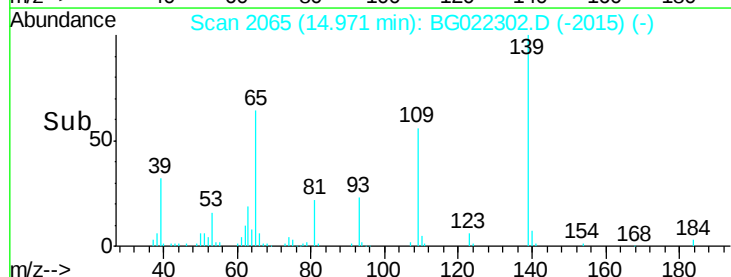
65 73.5 83.2 123.2#

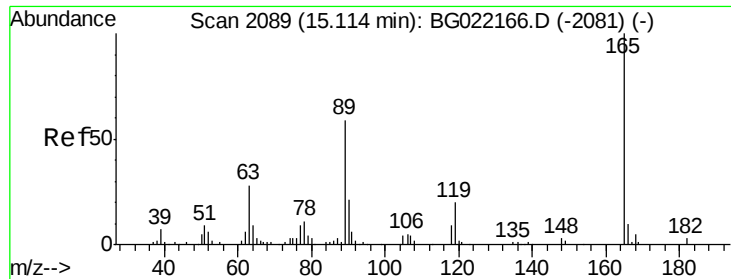


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

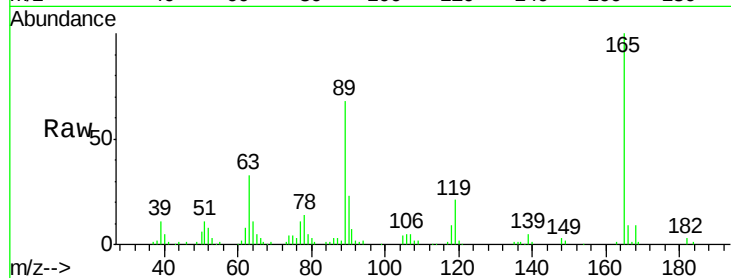




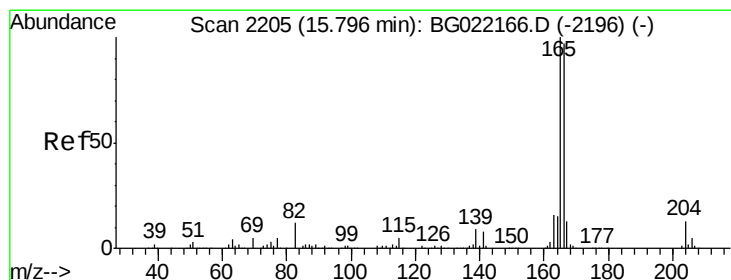
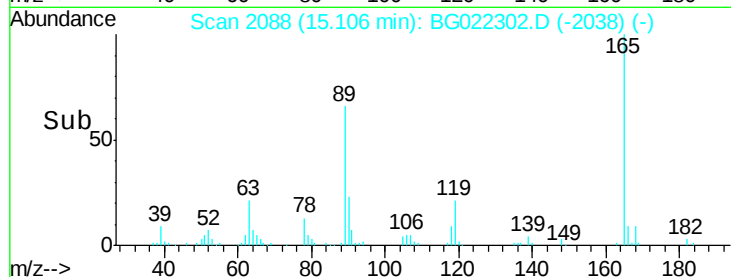
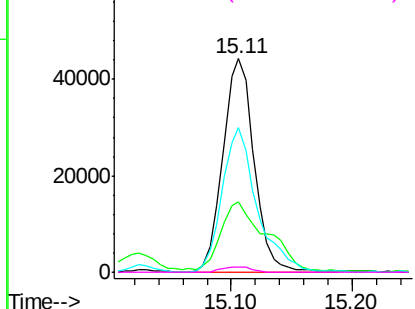
#56
2,4-Dinitrotoluene
Concen: 43.34 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion:165 Resp: 79503
Ion Ratio Lower Upper
165 100
63 32.7 37.4 56.0#
89 67.7 59.4 89.0
182 2.6 2.1 3.1

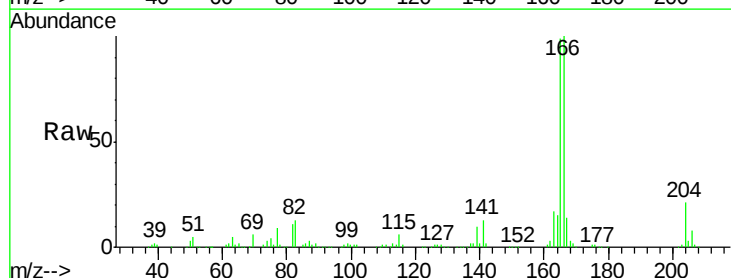


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

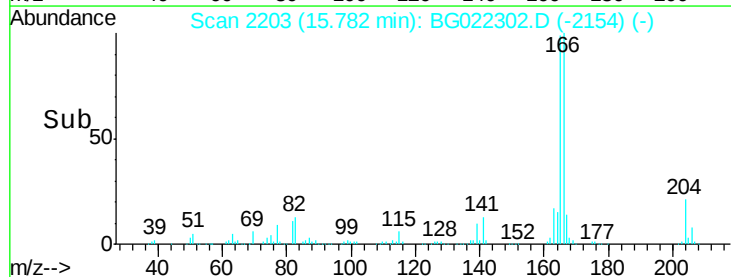
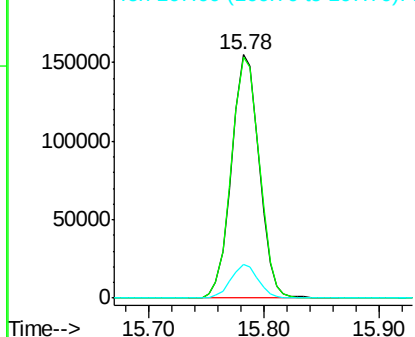


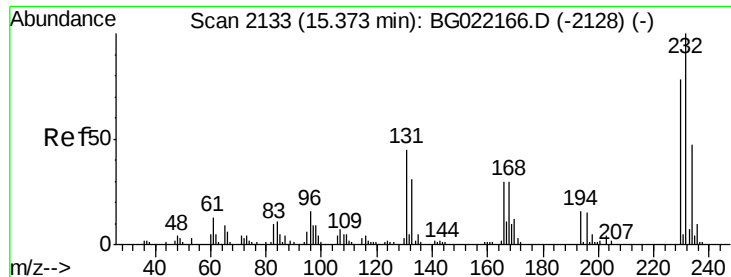
#57
Fluorene
Concen: 41.80 ng
RT: 15.78 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:166 Resp: 258552
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 13.9 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

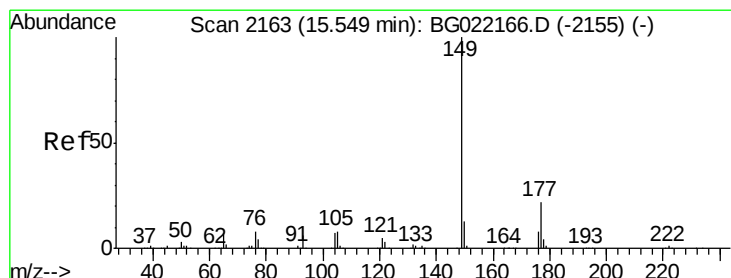
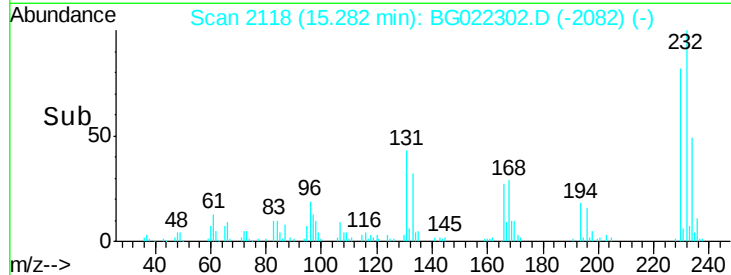
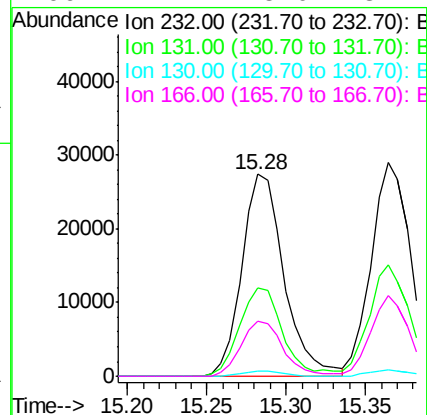
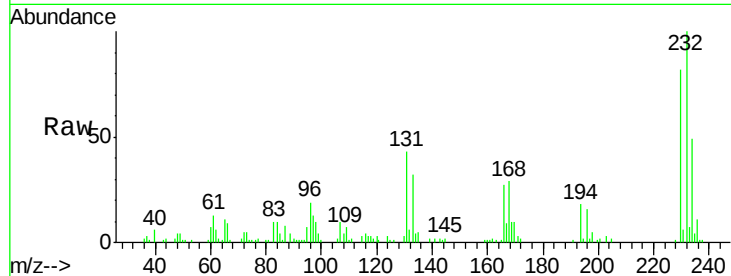




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.17 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.09 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

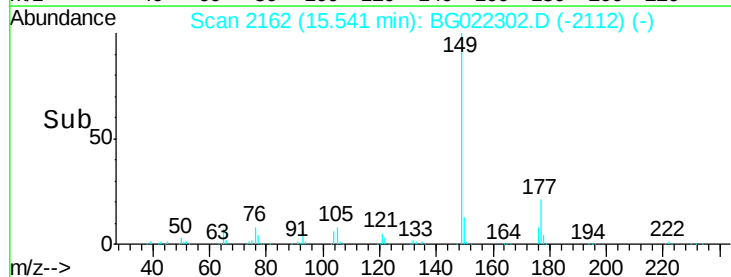
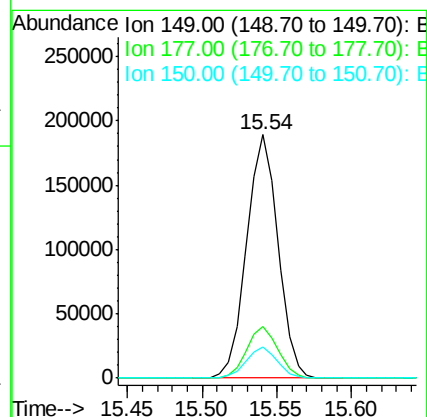
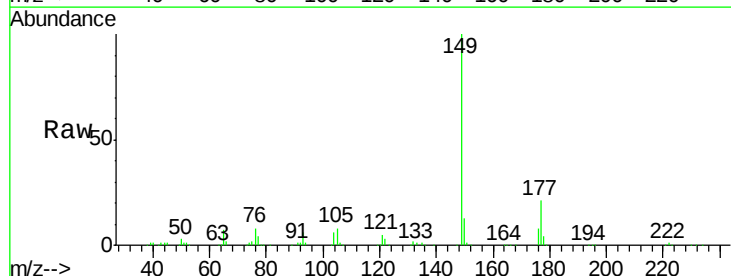
Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

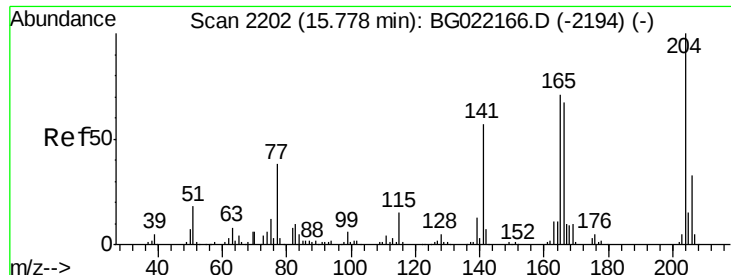
Tgt Ion: 232 Resp: 50865
 Ion Ratio Lower Upper
 232 100
 131 44.4 36.3 54.5
 130 2.5 1.9 2.9
 166 27.1 25.0 37.4



#59
 Diethylphthalate
 Concen: 40.85 ng
 RT: 15.54 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion: 149 Resp: 274530
 Ion Ratio Lower Upper
 149 100
 177 21.1 17.3 25.9
 150 12.8 9.7 14.5

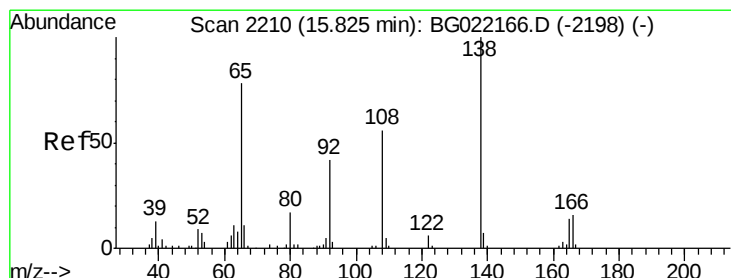
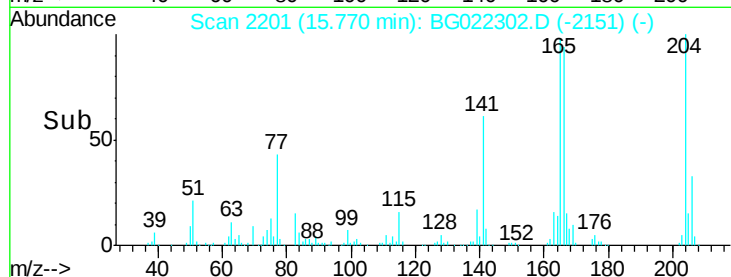
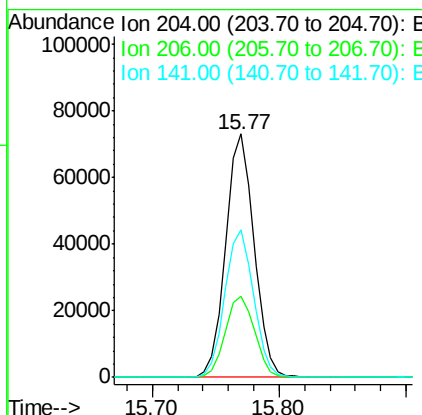
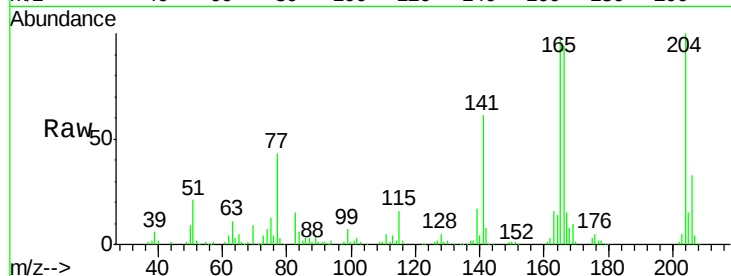




#60
 4-Chlorophenyl-phenylether
 Concen: 40.41 ng
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

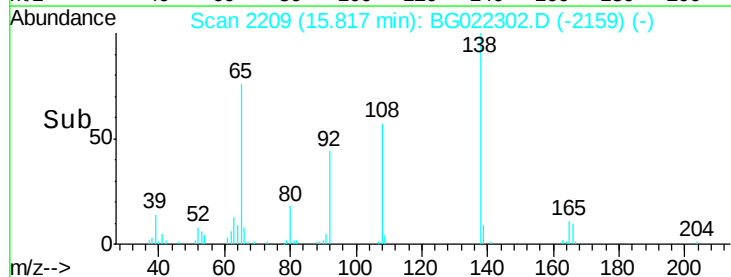
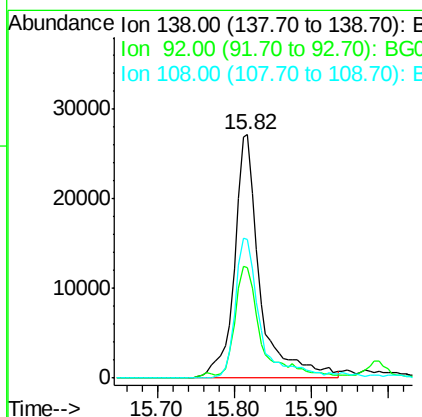
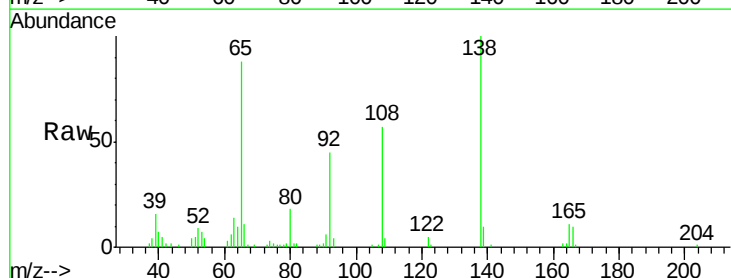
Instrument :
 BNA_G
 ClientSampleId :
 PB91195BS

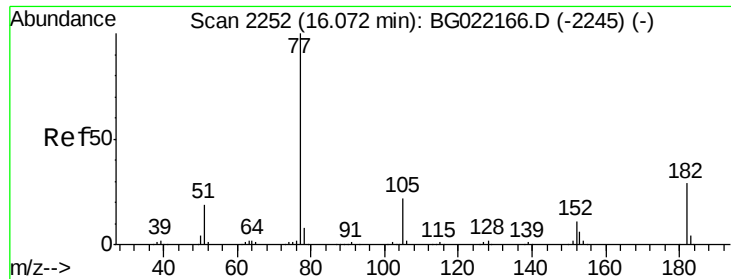
Tgt Ion:204 Resp: 113207
 Ion Ratio Lower Upper
 204 100
 206 33.2 27.8 41.8
 141 60.9 51.0 76.4



#61
 4-Nitroaniline
 Concen: 39.38 ng
 RT: 15.82 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG022302.D
 Acq: 11 Jun 2016 00:23

Tgt Ion:138 Resp: 63360
 Ion Ratio Lower Upper
 138 100
 92 45.3 37.7 77.7
 108 56.7 59.4 99.4#





#62

Azobenzene

Concen: 46.47 ng

RT: 16.06 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

Tgt Ion: 77 Resp: 236488

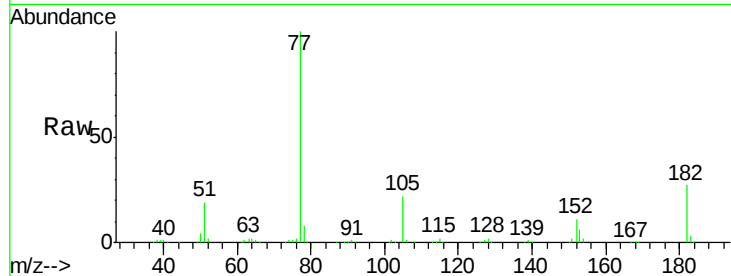
Ion Ratio Lower Upper

77 100

182 26.6 4.1 44.1

105 21.5 0.0 39.8

51 19.0 11.1 51.1

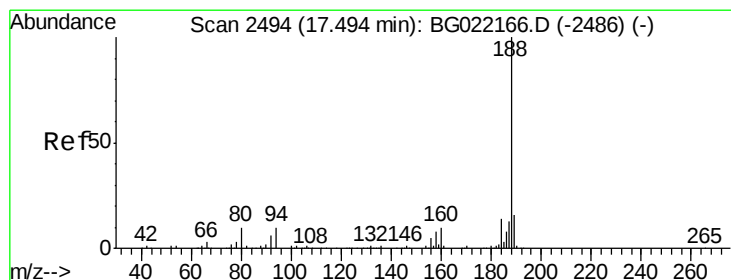
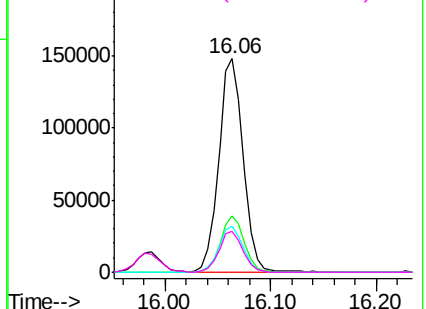
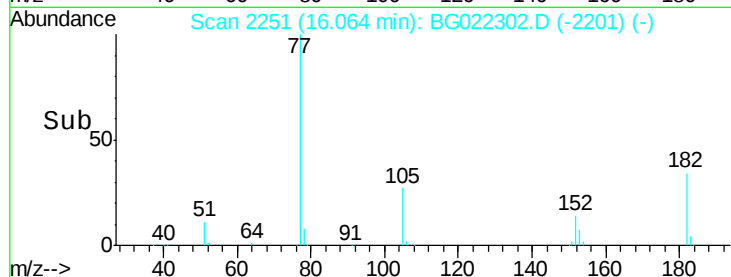


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.49 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

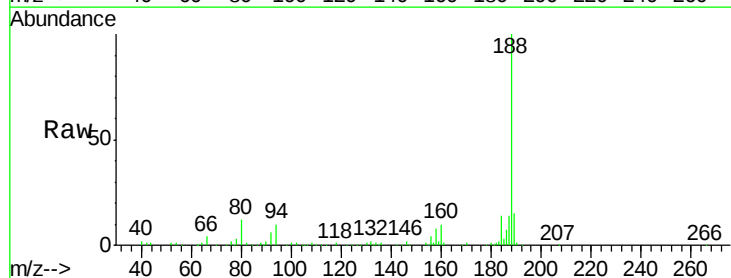
Tgt Ion: 188 Resp: 172089

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

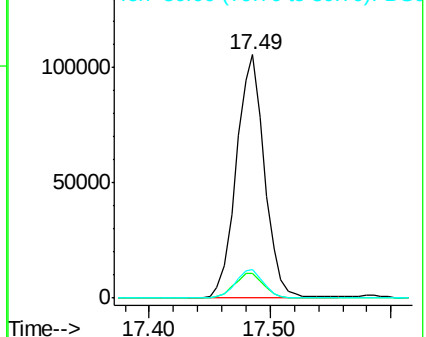
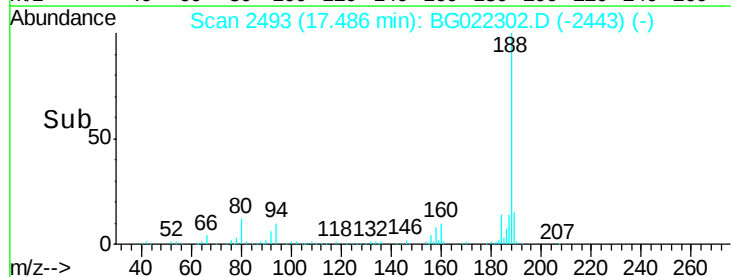
80 11.6 8.6 13.0

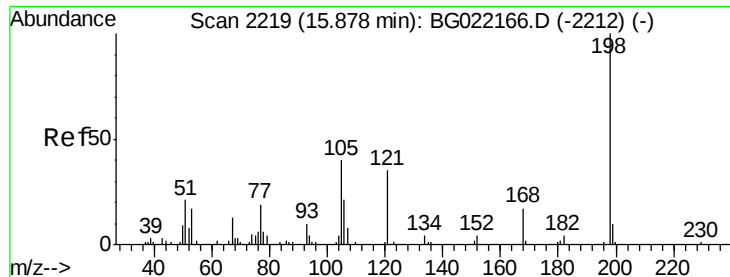


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

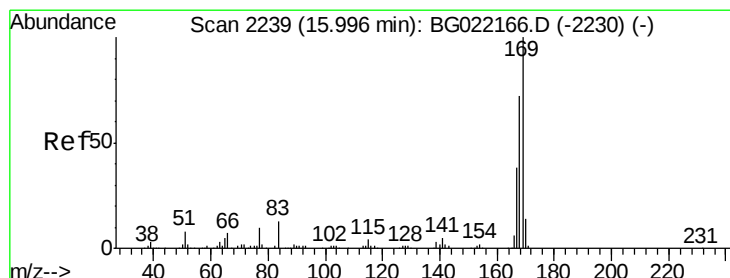
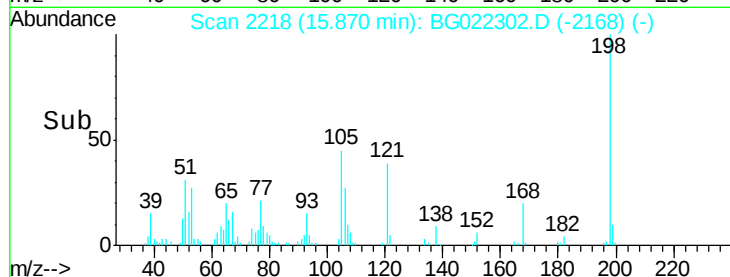
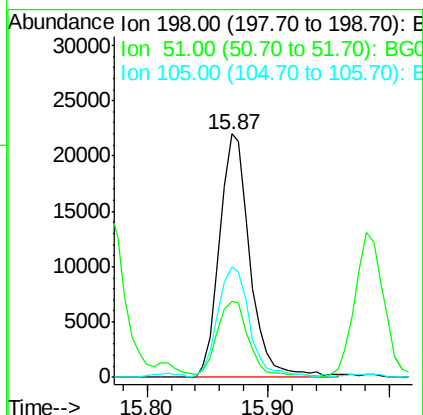
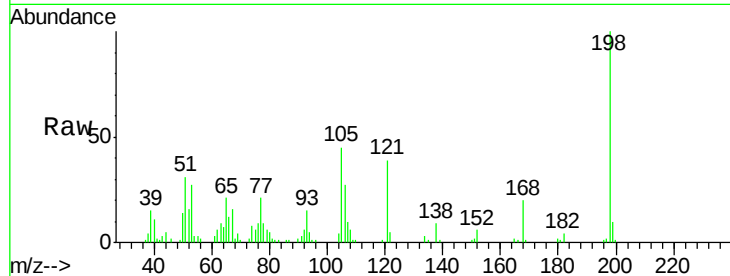




#64
4,6-Dinitro-2-methylphenol
Concen: 44.41 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

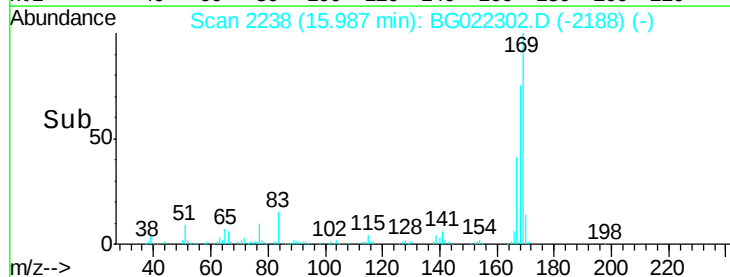
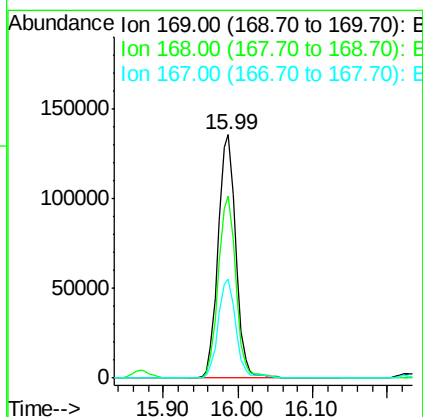
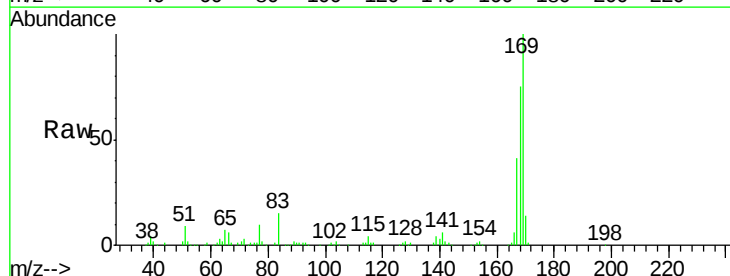
Instrument :
BNA_G
ClientSampleId :
PB91195BS

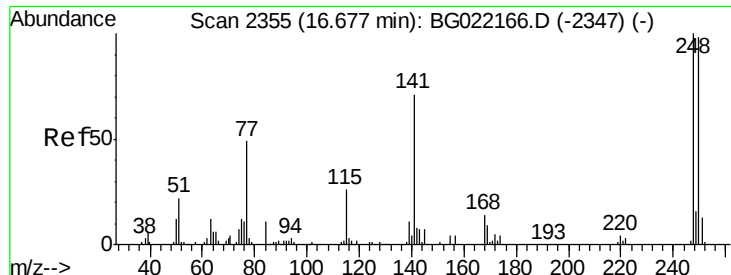
Tgt Ion:198 Resp: 38351
Ion Ratio Lower Upper
198 100
51 31.0 29.2 69.2
105 45.2 24.0 64.0



#65
n-Nitrosodiphenylamine
Concen: 45.10 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:169 Resp: 223570
Ion Ratio Lower Upper
169 100
168 75.0 59.6 89.4
167 40.5 31.2 46.8

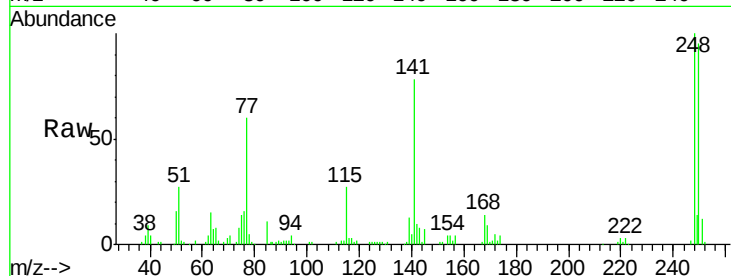




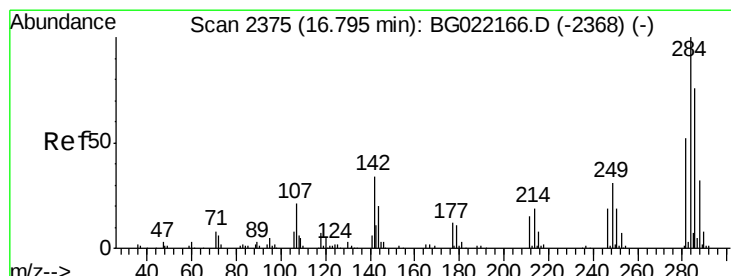
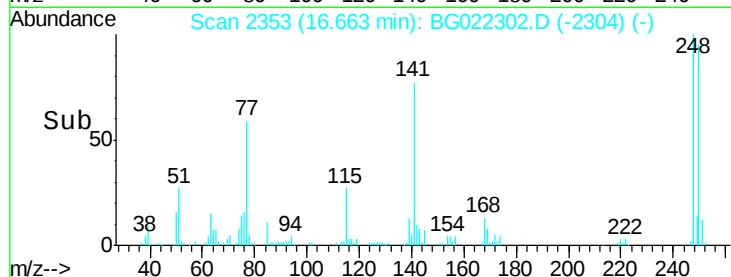
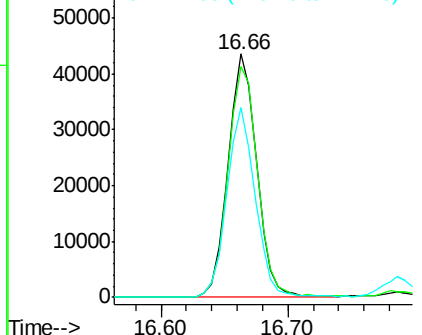
#66
4-Bromophenyl-phenylether
Concen: 42.18 ng
RT: 16.66 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion:248 Resp: 68011
Ion Ratio Lower Upper
248 100
250 94.7 76.6 114.8
141 77.8 63.8 95.6

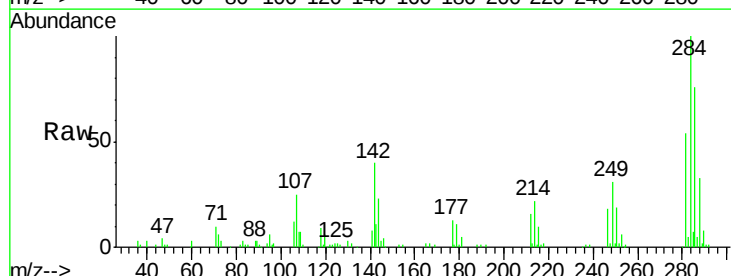


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

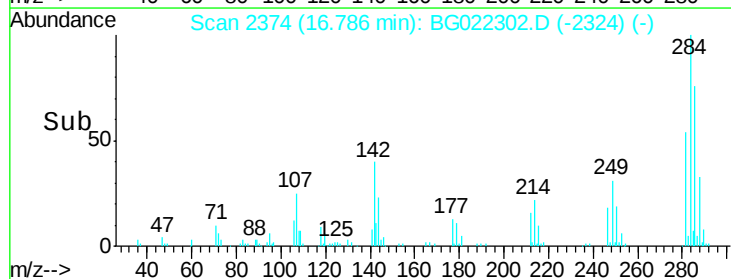
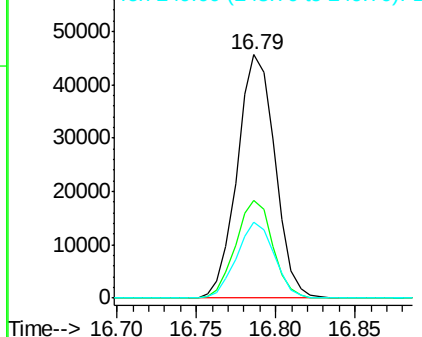


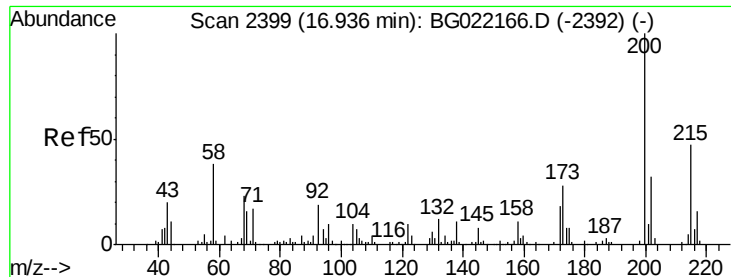
#67
Hexachlorobenzene
Concen: 40.06 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:284 Resp: 75280
Ion Ratio Lower Upper
284 100
142 40.1 31.8 47.6
249 31.0 27.3 40.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 38.86 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

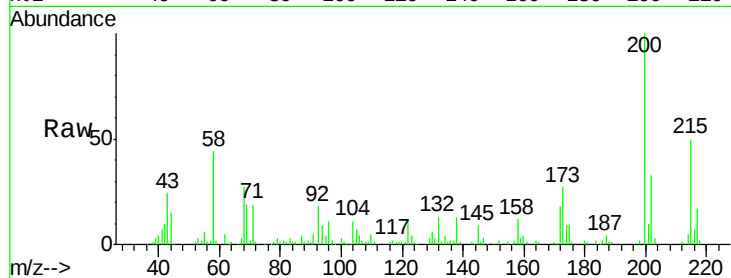
Tgt Ion:200 Resp: 71309

Ion Ratio Lower Upper

200 100

173 27.3 5.1 45.1

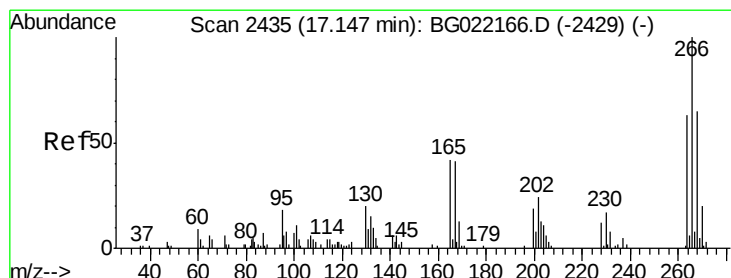
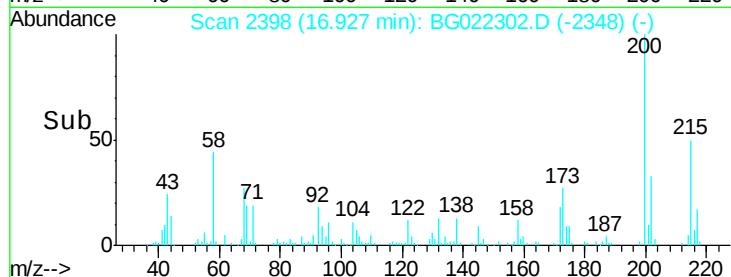
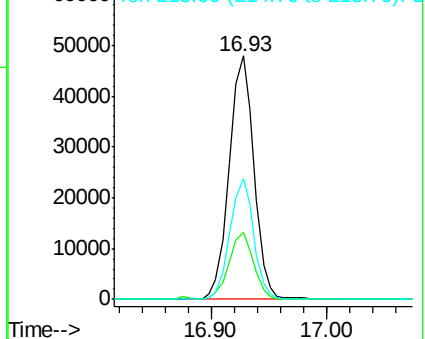
215 49.7 28.0 68.0



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: 82.44 ng

RT: 17.14 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

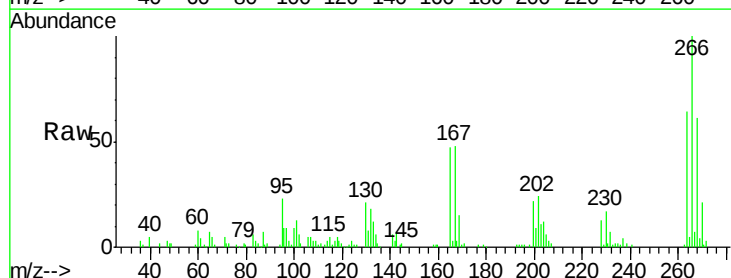
Tgt Ion:266 Resp: 70435

Ion Ratio Lower Upper

266 100

268 64.4 54.5 81.7

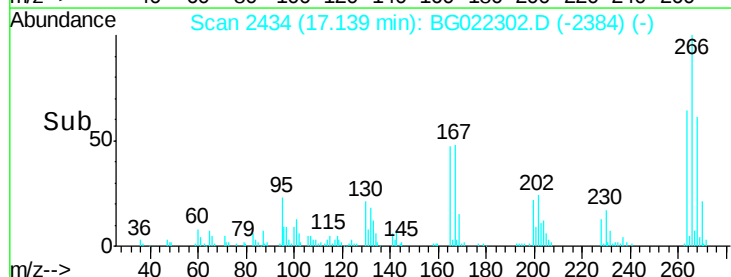
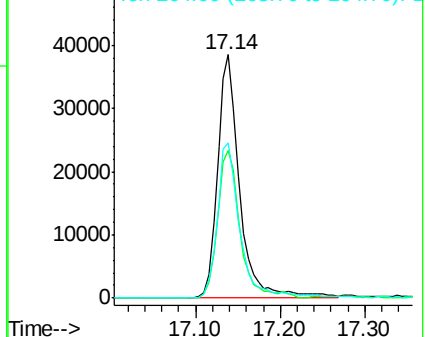
264 68.8 53.8 80.6

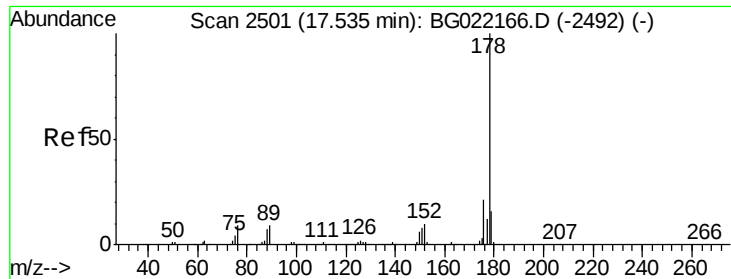


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

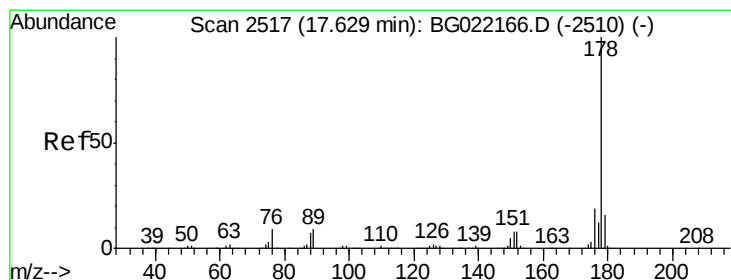
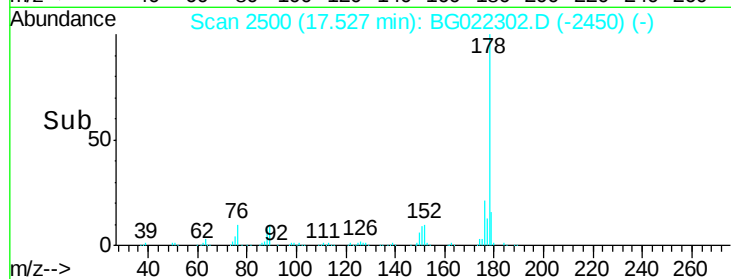
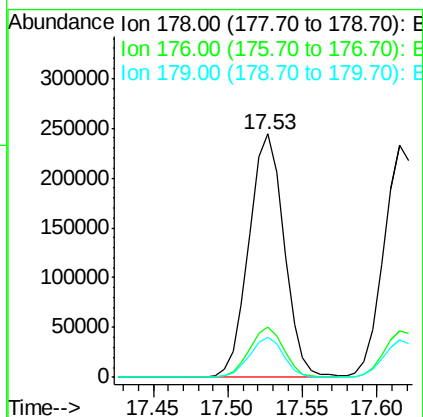
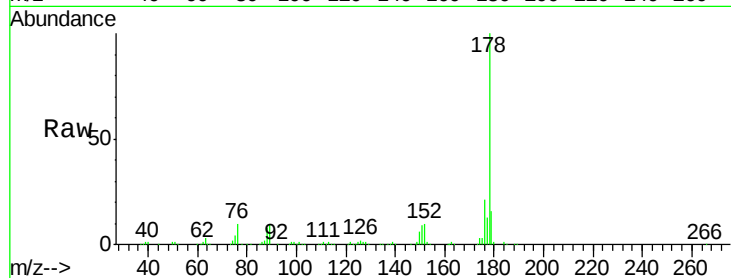




#70
Phenanthrene
Concen: 42.70 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

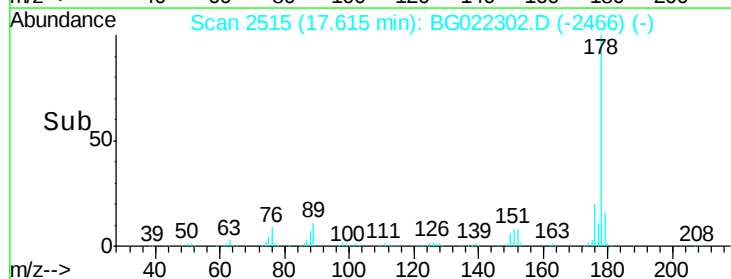
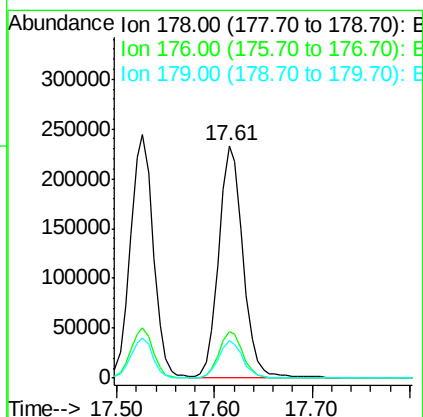
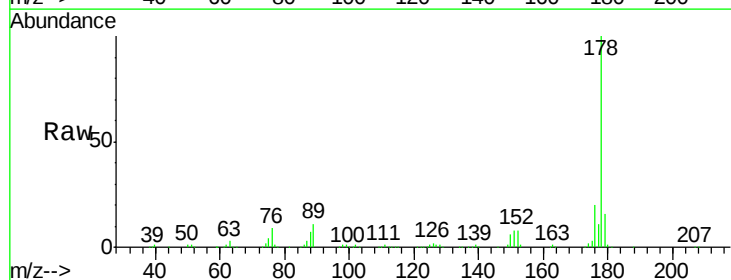
Instrument :
BNA_G
ClientSampleId :
PB91195BS

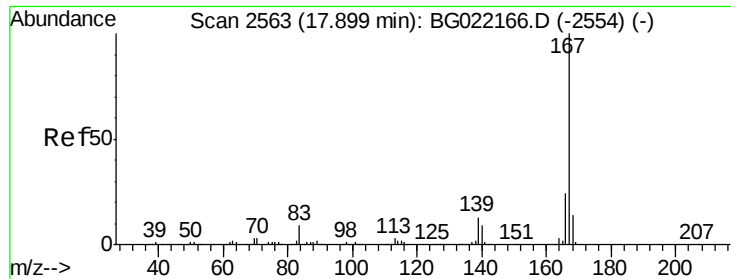
Tgt Ion:178 Resp: 399070
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.5 12.0 18.0



#71
Anthracene
Concen: 43.19 ng
RT: 17.61 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:178 Resp: 400336
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.4
179 16.3 12.2 18.4





#72

Carbazole

Concen: 42.85 ng

RT: 17.89 min Scan# 2562

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampled :

PB91195BS

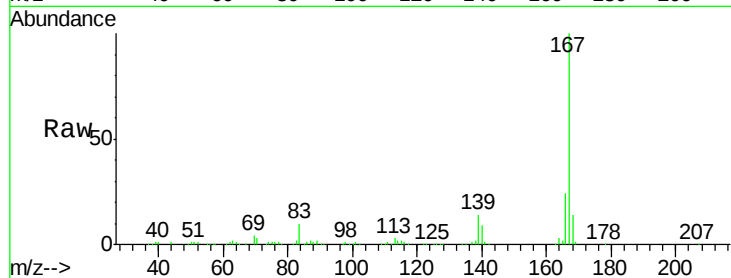
Tgt Ion:167 Resp: 376226

Ion Ratio Lower Upper

167 100

166 24.0 18.6 27.8

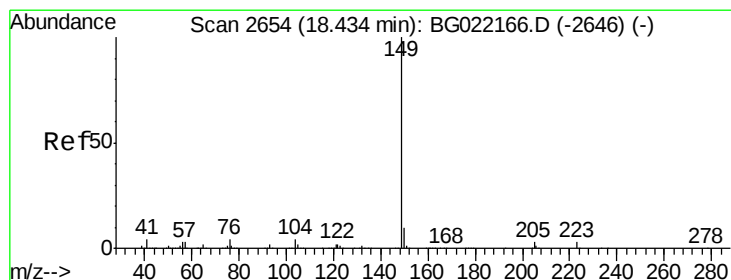
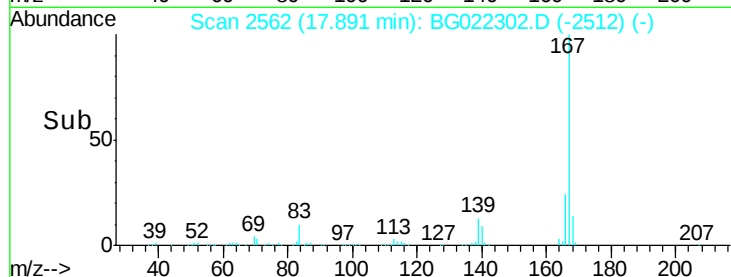
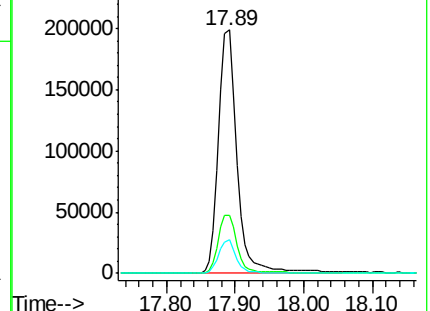
139 13.7 10.6 15.8



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: 43.53 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

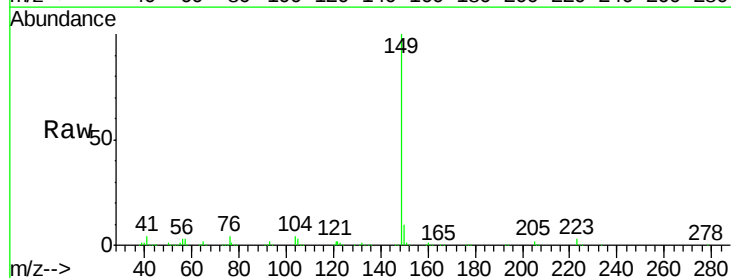
Tgt Ion:149 Resp: 499608

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.0

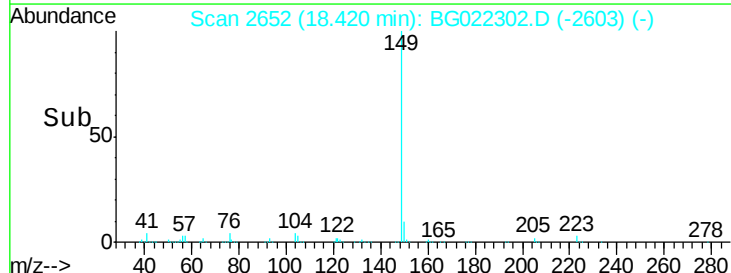
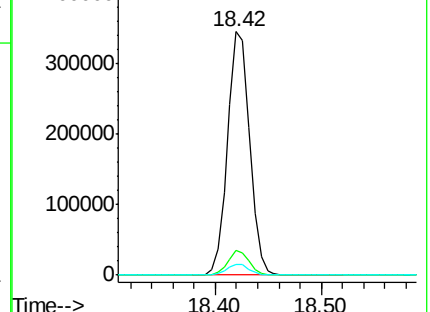
104 4.4 4.0 6.0

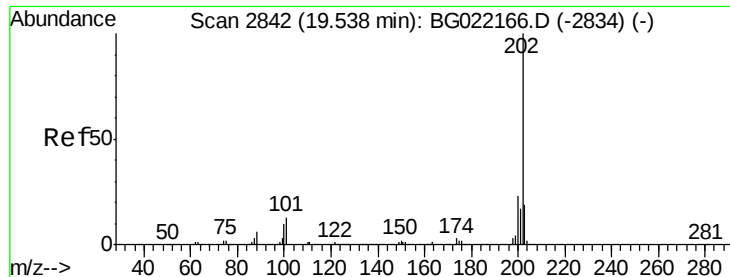


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 41.52 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

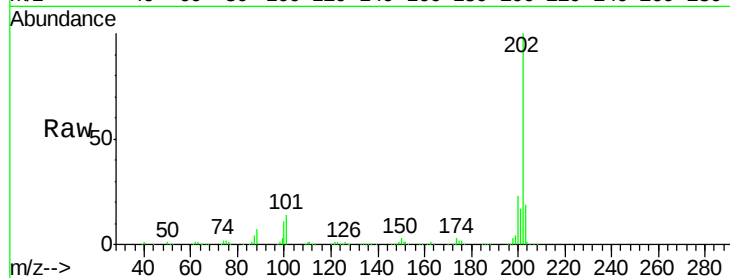
Tgt Ion:202 Resp: 446159

Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.0

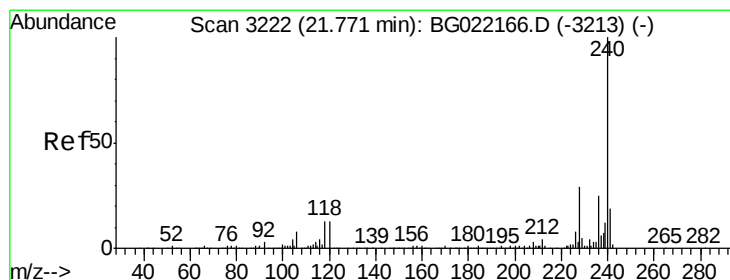
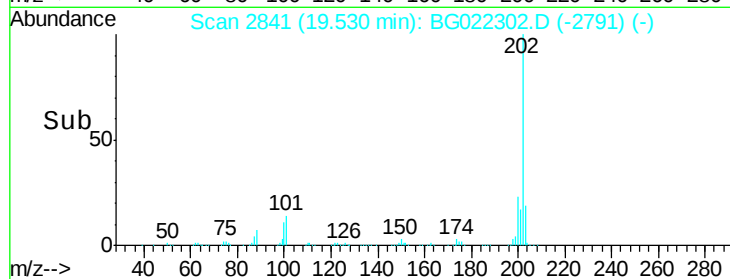
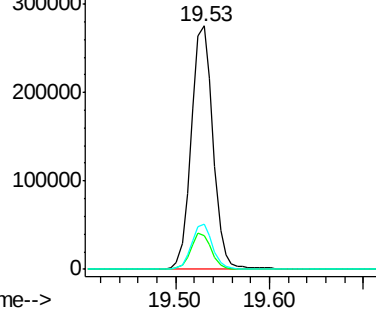
203 18.5 0.0 37.9



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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

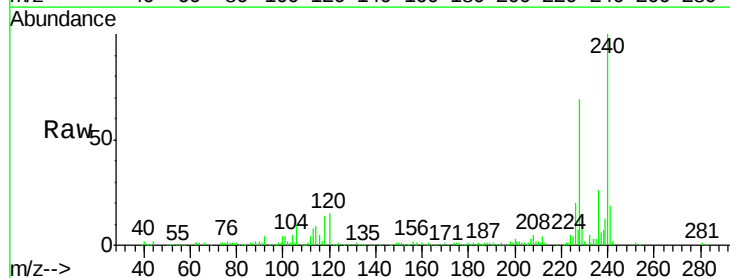
Tgt Ion:240 Resp: 156465

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

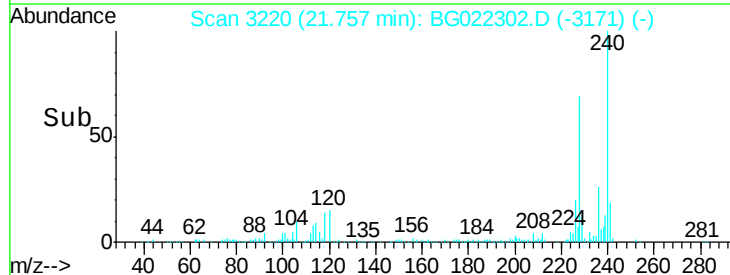
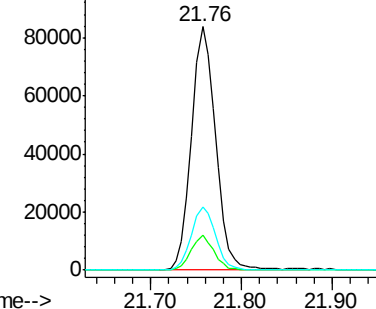
236 25.9 19.6 29.4

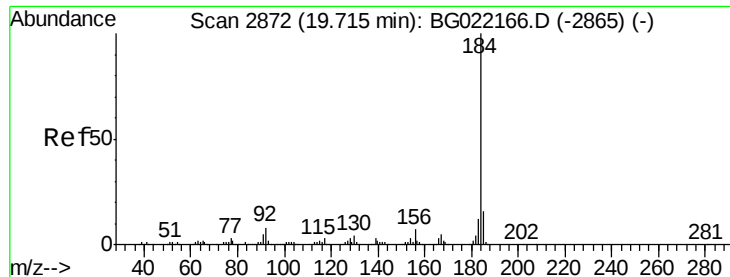


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 41.25 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

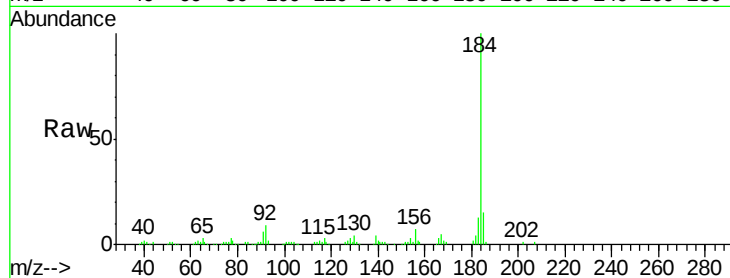
Tgt Ion:184 Resp: 168765

Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

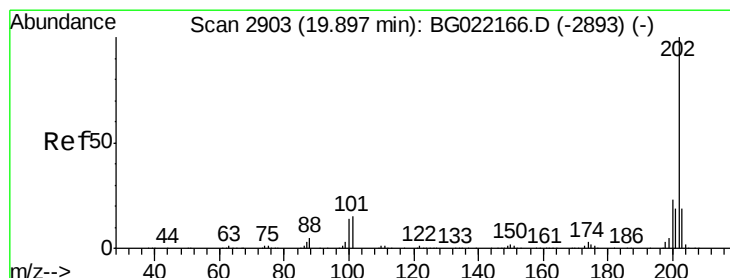
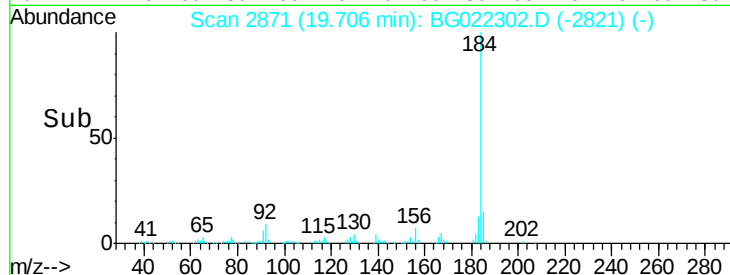
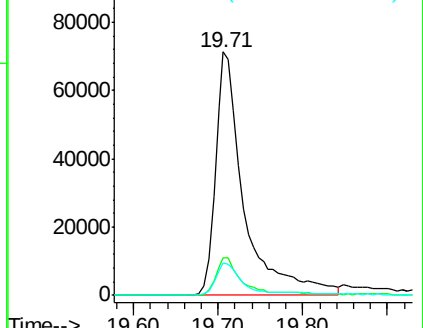
183 13.3 10.2 15.4



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: 45.90 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

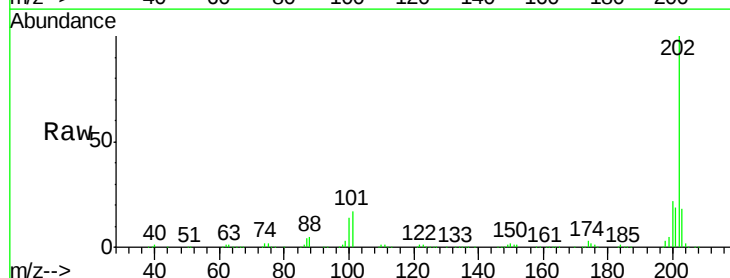
Tgt Ion:202 Resp: 446444

Ion Ratio Lower Upper

202 100

200 21.8 18.2 27.2

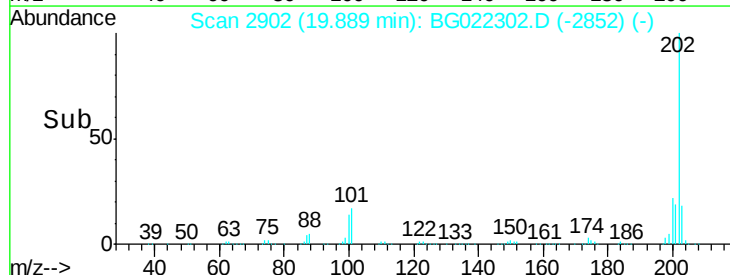
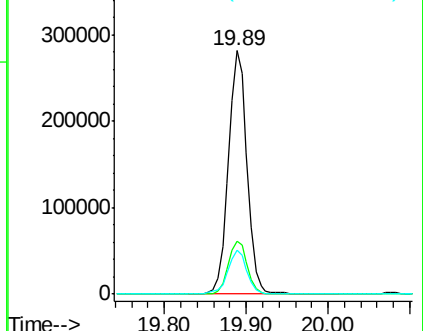
203 17.9 15.0 22.4

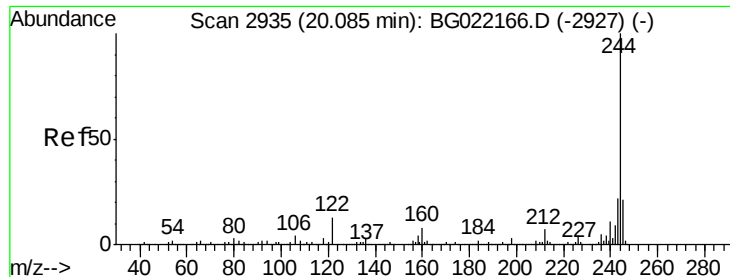


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.57 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampled :

PB91195BS

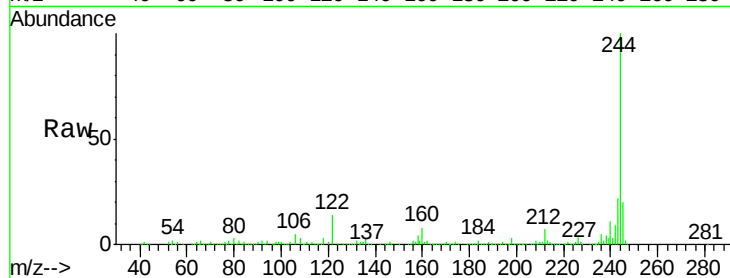
Tgt Ion:244 Resp: 577151

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

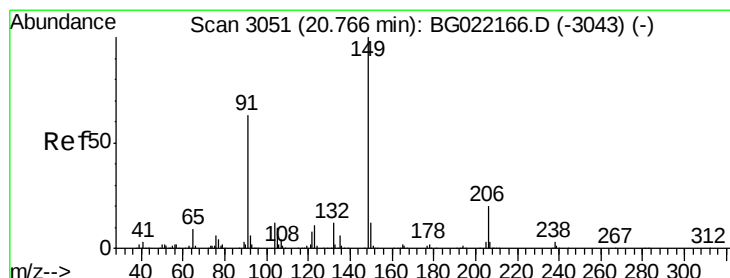
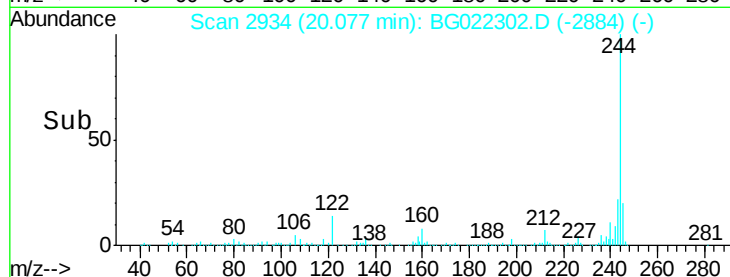
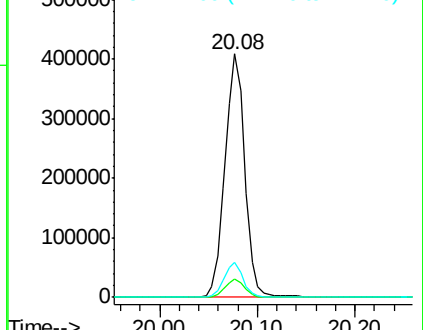
122 14.2 8.6 12.8#



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: 48.25 ng

RT: 20.75 min Scan# 3049

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

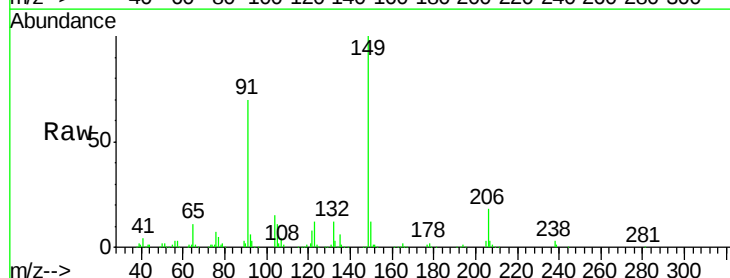
Tgt Ion:149 Resp: 217661

Ion Ratio Lower Upper

149 100

91 69.7 57.8 86.8

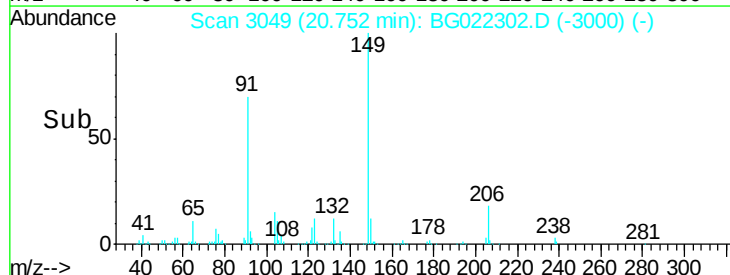
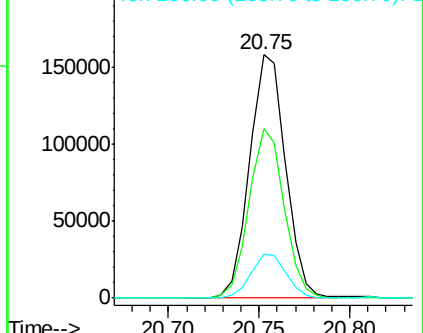
206 18.1 17.0 25.4

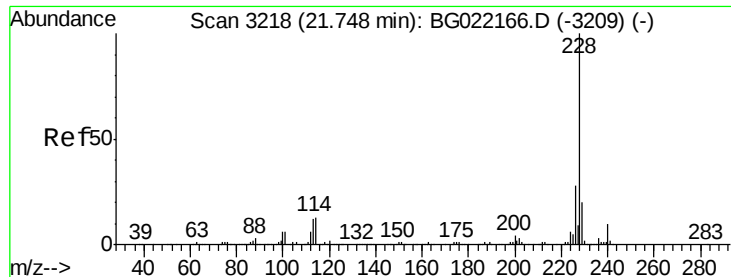


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.93 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

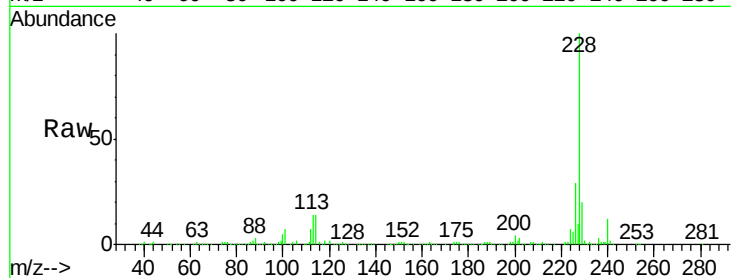
Tgt Ion:228 Resp: 385407

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

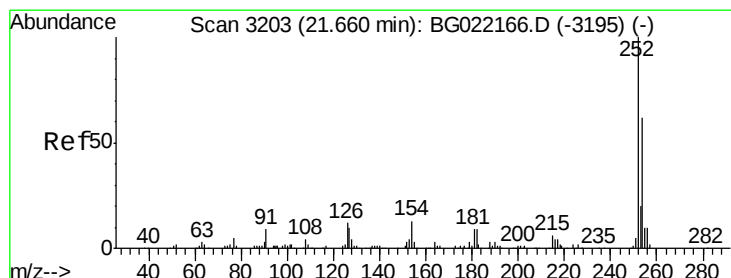
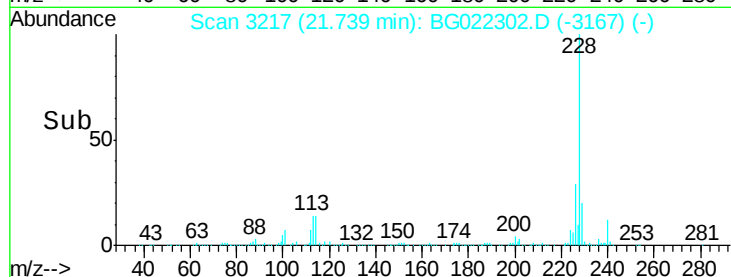
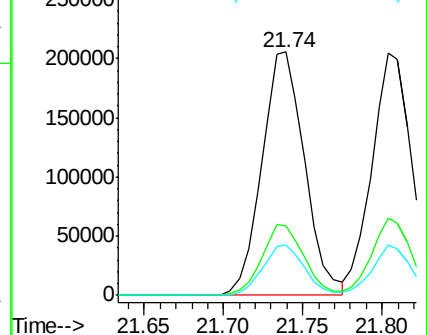
229 20.4 16.1 24.1



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: 31.96 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

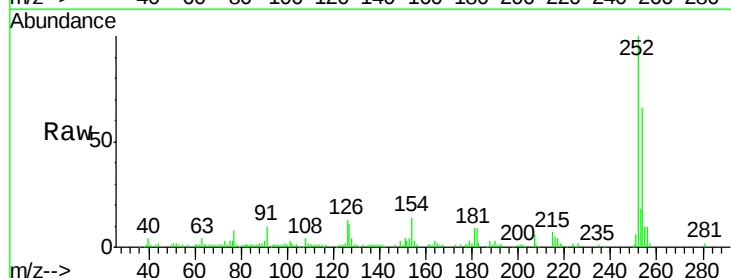
Tgt Ion:252 Resp: 78717

Ion Ratio Lower Upper

252 100

254 66.4 51.8 77.6

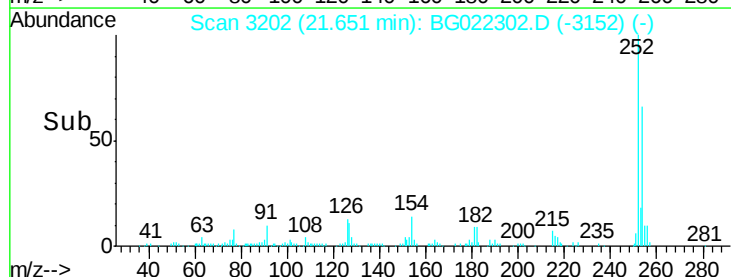
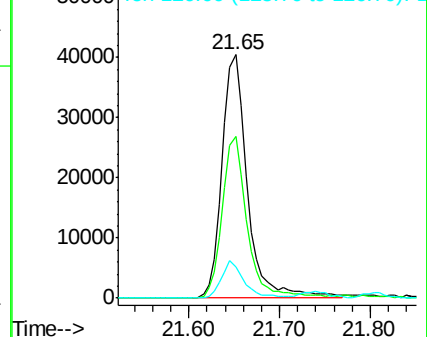
126 12.9 8.8 13.2

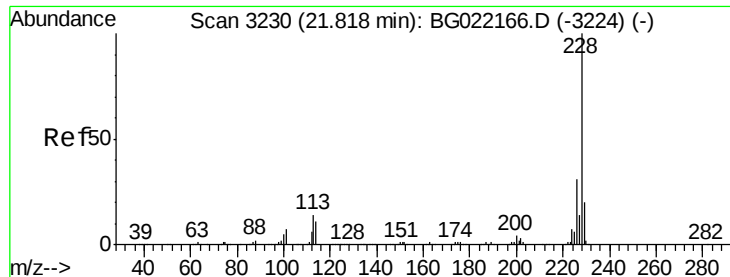


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.98 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

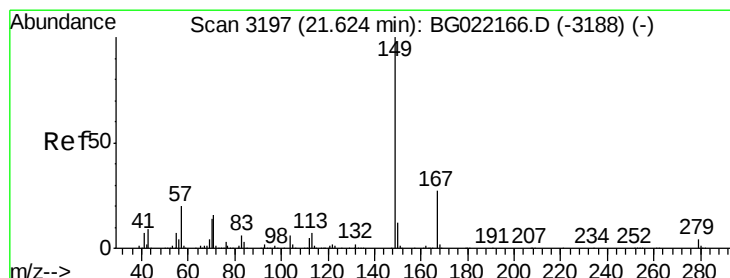
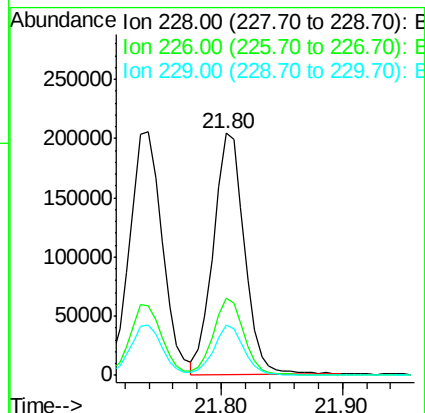
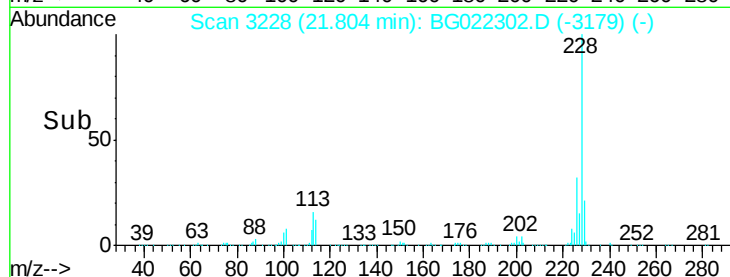
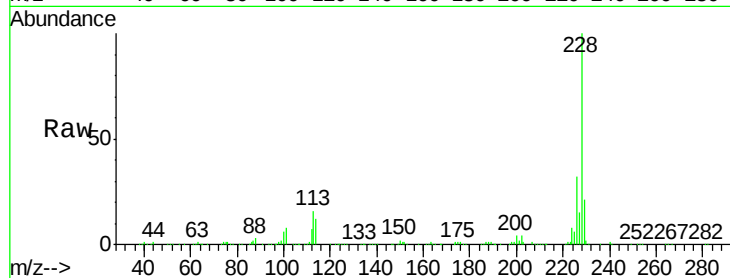
Tgt Ion:228 Resp: 358412

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

229 20.8 15.9 23.9



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.32 ng

RT: 21.61 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

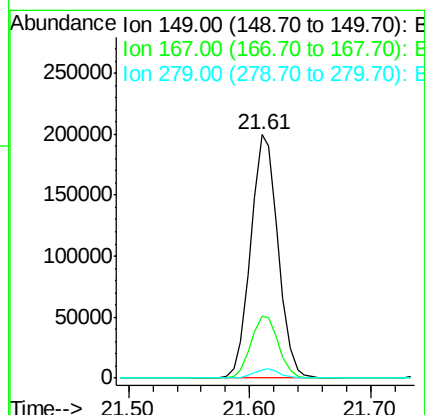
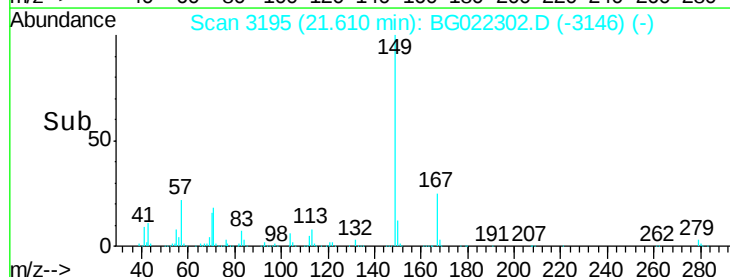
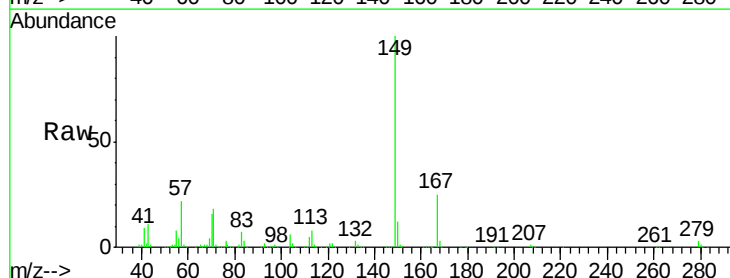
Tgt Ion:149 Resp: 313935

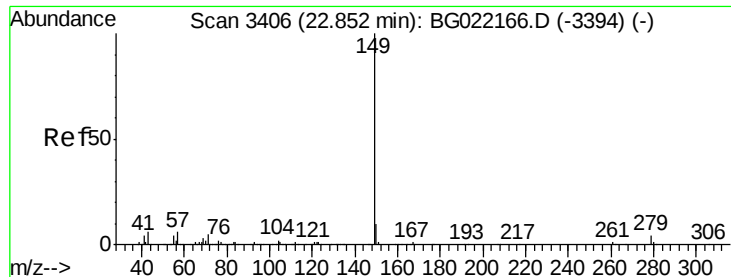
Ion Ratio Lower Upper

149 100

167 25.5 22.4 33.6

279 3.3 3.2 4.8

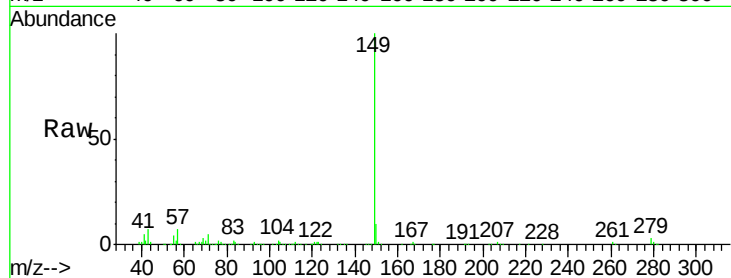




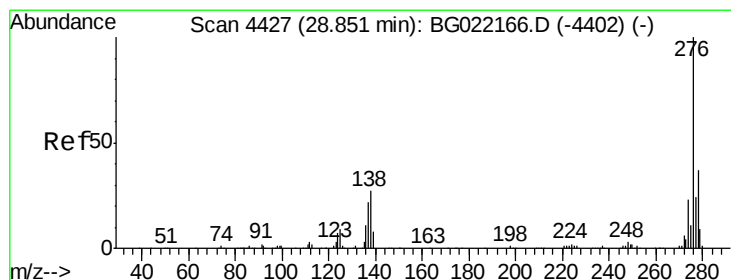
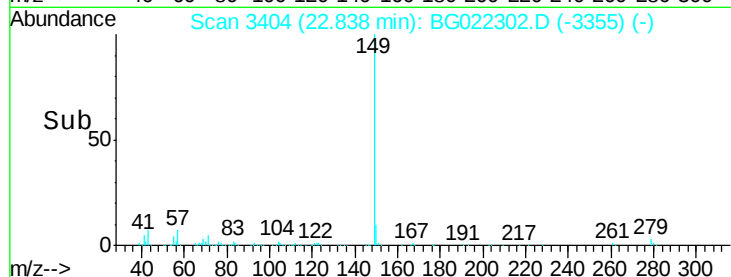
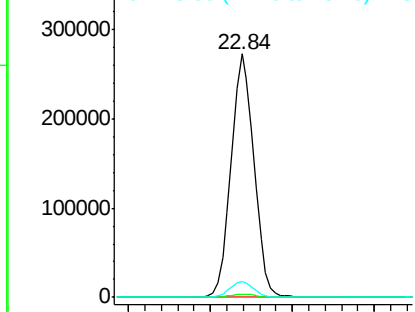
#84
Di-n-octyl phthalate
Concen: 48.35 ng
RT: 22.84 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion:149 Resp: 532557
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 6.8 9.8 14.6#

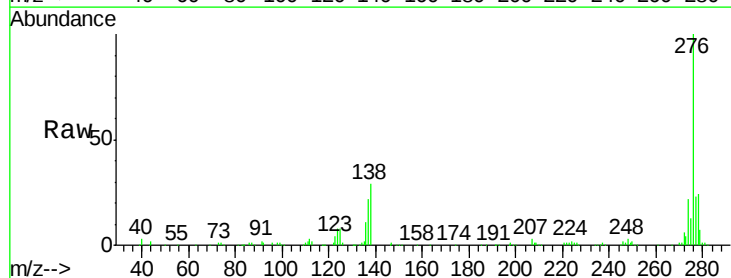


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

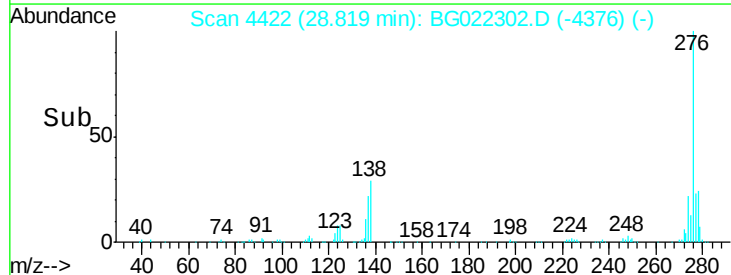
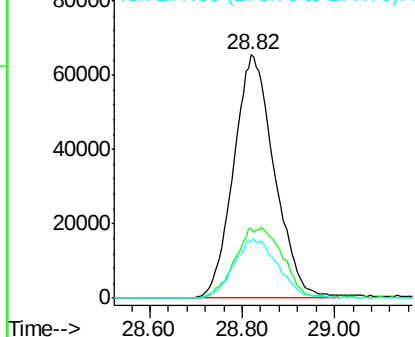


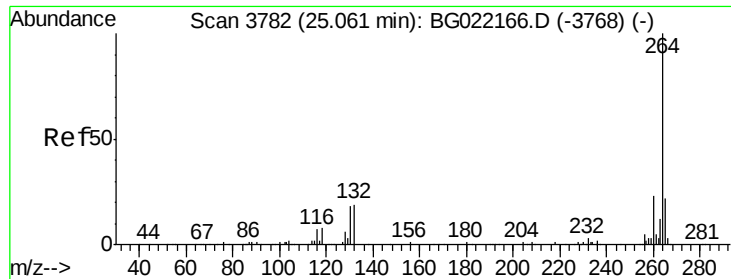
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.90 ng
RT: 28.82 min Scan# 4422
Delta R.T. -0.03 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion:276 Resp: 401364
Ion Ratio Lower Upper
276 100
138 14.3 14.0 21.0
277 26.1 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Instrument :

BNA_G

ClientSampleId :

PB91195BS

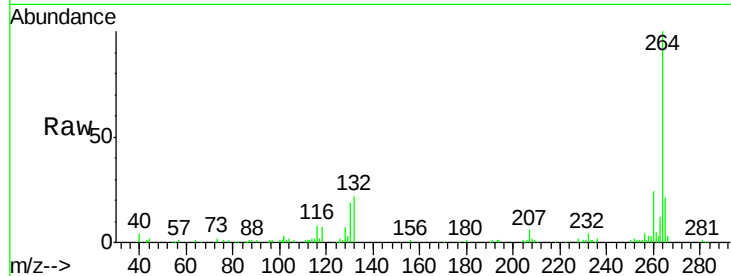
Tgt Ion:264 Resp: 142321

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.4

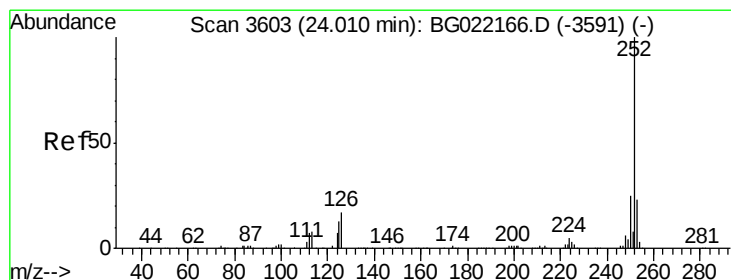
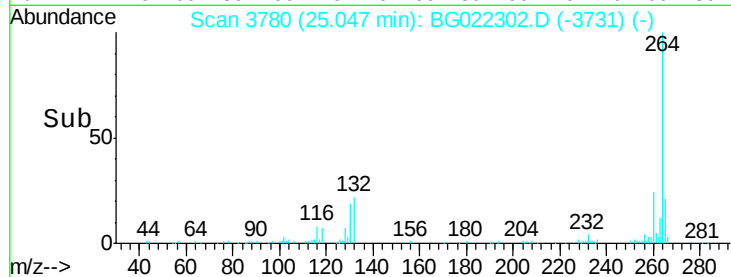
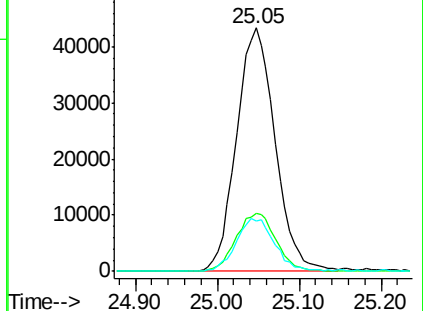
265 20.5 17.8 26.8



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: 46.69 ng

RT: 24.00 min Scan# 3602

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

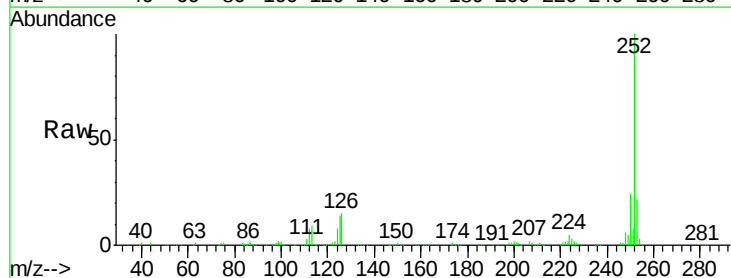
Tgt Ion:252 Resp: 387541

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

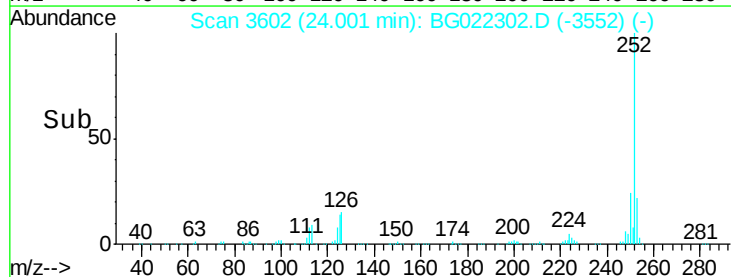
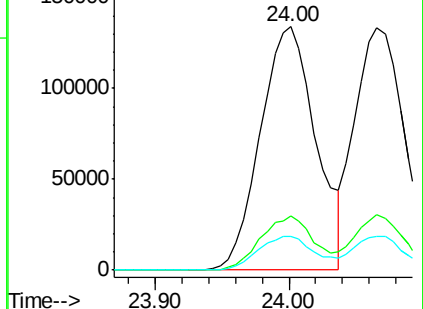
125 13.9 8.6 13.0#

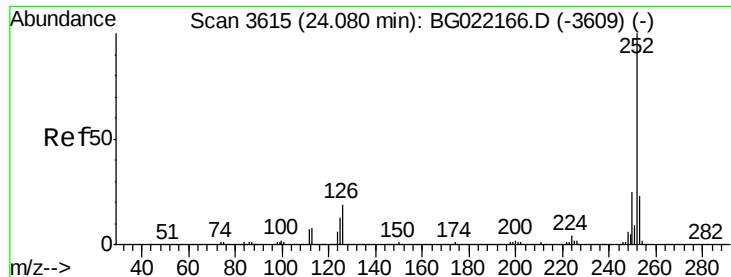


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 42.40 ng

RT: 24.07 min Scan# 3613

Delta R.T. -0.01 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

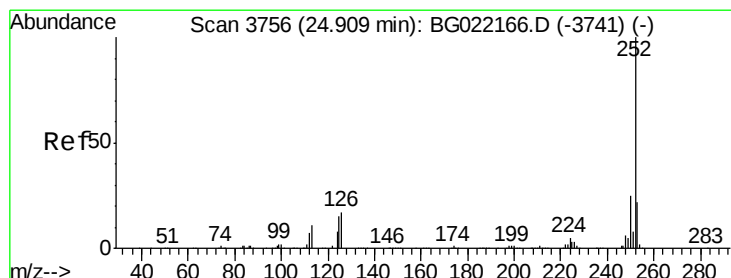
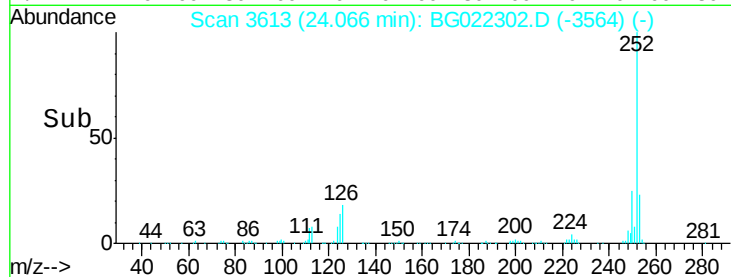
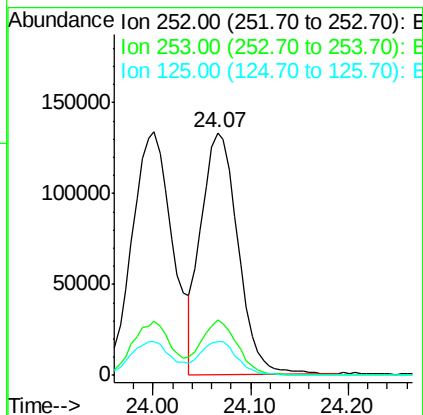
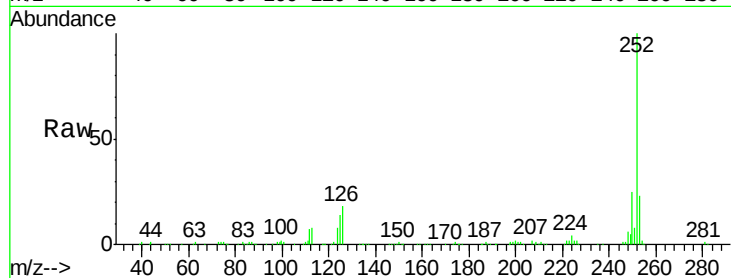
Instrument :

BNA_G

ClientSampleId :

PB91195BS

Tgt Ion:	252	Resp:	346441
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	14.1	8.3	12.5#



#89

Benzo(a)pyrene

Concen: 44.90 ng

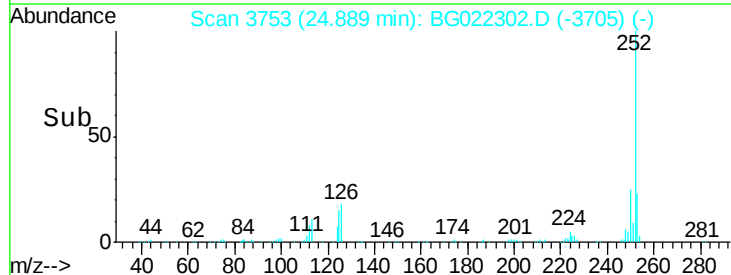
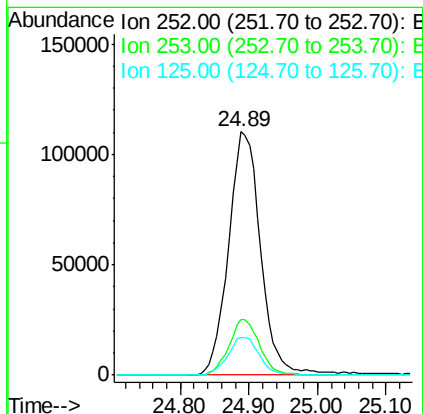
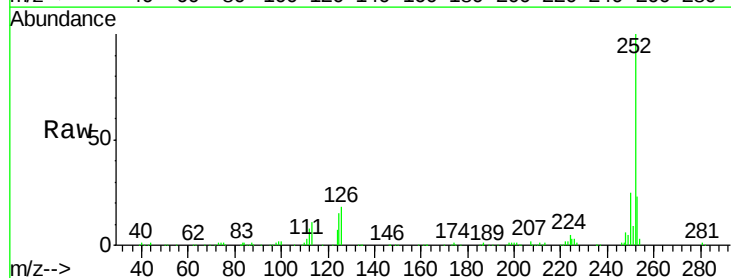
RT: 24.89 min Scan# 3753

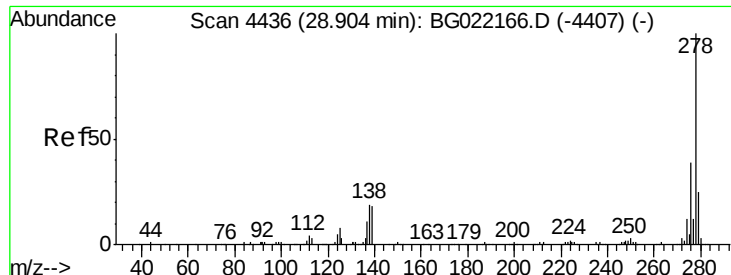
Delta R.T. -0.02 min

Lab File: BG022302.D

Acq: 11 Jun 2016 00:23

Tgt Ion:	252	Resp:	356324
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	15.3	9.6	14.4#

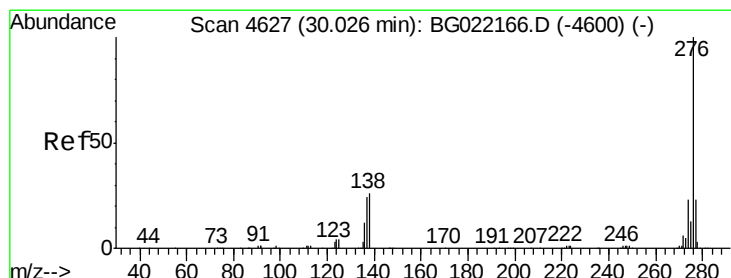
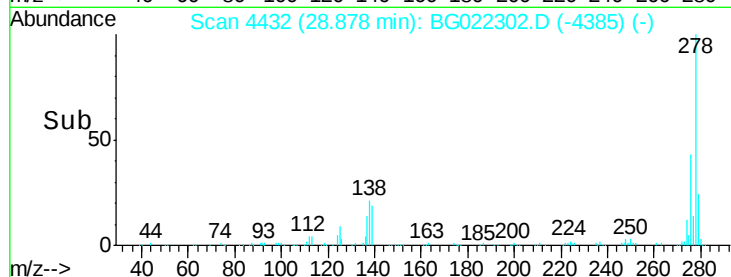
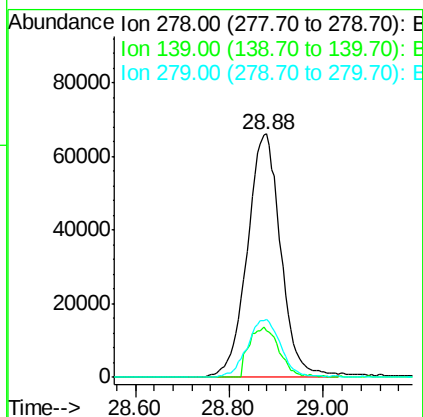
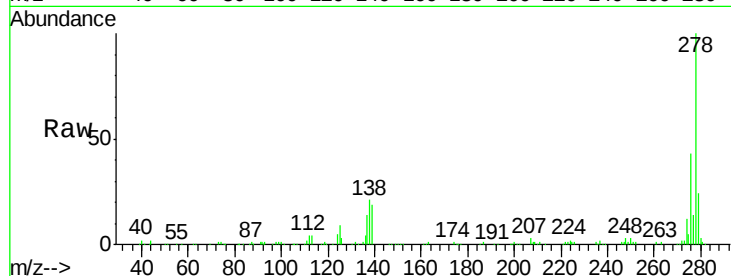




#90
Dibenzo(a,h)anthracene
Concen: 43.79 ng
RT: 28.88 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Instrument :
BNA_G
ClientSampleId :
PB91195BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.9	17.9#
279	24.0	18.2	27.2



#91
Benzo(g,h,i)perylene
Concen: 43.16 ng
RT: 29.99 min Scan# 4622
Delta R.T. -0.03 min
Lab File: BG022302.D
Acq: 11 Jun 2016 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	29.8	17.4	26.0#

