

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060616\
 Data File : BG022164.D
 Acq On : 6 Jun 2016 11:39
 Operator : UM/SJ
 Sample : SSTDICC60
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 13:46:42 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 13:44:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28768	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	155441	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	100209	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	230787	20.00	ng	0.00
75) Chrysene-d12	21.77	240	223761	20.00	ng	0.00
86) Perylene-d12	25.07	264	213902	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	195583	113.21	ng	0.00
7) Phenol-d6	7.28	99	300683	116.52	ng	0.00
23) Nitrobenzene-d5	9.29	82	280521	92.76	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	140171	129.79	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	772900	113.01	ng	0.00
78) Terphenyl-d14	20.08	244	1098888	122.54	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	42377	55.11	ng	# 72
3) Pyridine	3.93	79	120211	52.09	ng	# 57
4) n-Nitrosodimethylamine	3.84	42	26935	23.55	ng	# 1
6) Aniline	7.44	93	194274	56.92	ng	# 82
8) 2-Chlorophenol	7.68	128	128038	61.82	ng	# 77
9) Benzaldehyde	7.26	77	65021	43.57	ng	# 69
10) Phenol	7.31	94	153578	55.34	ng	# 82
11) bis(2-Chloroethyl)ether	7.53	93	119110	53.62	ng	# 72
12) 1,3-Dichlorobenzene	8.01	146	129384	55.94	ng	# 93
13) 1,4-Dichlorobenzene	8.16	146	132049	56.08	ng	# 92
14) 1,2-Dichlorobenzene	8.47	146	130603	57.81	ng	# 97
15) Benzyl Alcohol	8.36	79	97369	49.37	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	119275	25.07	ng	# 80
17) 2-Methylphenol	8.57	107	112157	58.45	ng	# 86
18) Hexachloroethane	9.21	117	47517	55.45	ng	# 81
19) n-Nitroso-di-n-propylamine	8.93	70	99667	49.71	ng	# 66
20) 3+4-Methylphenols	8.90	107	161761	61.60	ng	# 96
22) Acetophenone	8.95	105	205480	47.46	ng	# 79
24) Nitrobenzene	9.33	77	138861	42.88	ng	# 81
25) Isophorone	9.86	82	309205	46.72	ng	# 92
26) 2-Nitrophenol	10.05	139	79429	64.25	ng	# 73
27) 2,4-Dimethylphenol	10.10	122	138626	49.36	ng	# 87
28) bis(2-Chloroethoxy)methane	10.33	93	178593	50.78	ng	# 94
29) 2,4-Dichlorophenol	10.59	162	131790	55.05	ng	# 96
30) 1,2,4-Trichlorobenzene	10.80	180	134882	52.39	ng	# 94
31) Naphthalene	10.99	128	454199	54.60	ng	# 95
32) Benzoic acid	10.25	122	54994	36.80	ng	# 82
33) 4-Chloroaniline	11.10	127	205071	56.95	ng	# 89
34) Hexachlorobutadiene	11.27	225	70768	42.62	ng	# 99
35) Caprolactam	11.88	113	65332	59.63	ng	# 46
36) 4-Chloro-3-methylphenol	12.22	107	151678	50.38	ng	# 84
37) 2-Methylnaphthalene	12.59	142	345217	60.45	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	152477	48.69	ng	# 98
40) Hexachlorocyclopentadiene	12.92	237	75803	43.57	ng	# 99

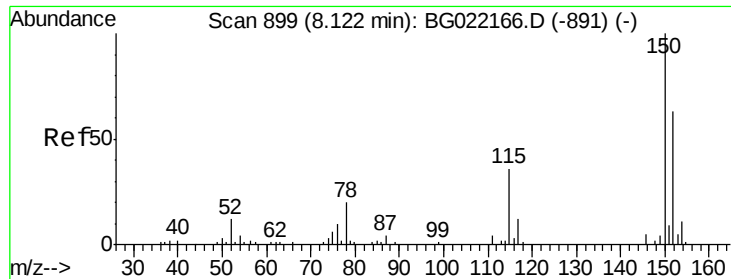
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 13:44:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	110258	55.21	nq	98
43) 2,4,5-Trichlorophenol	13.27	196	116864	54.23	nq	95
45) 1,1'-Biphenyl	13.59	154	453967	53.77	nq	95
46) 2-Chloronaphthalene	13.63	162	347412	55.66	nq	96
47) 2-Nitroaniline	13.84	65	86626	40.47	nq	# 53
48) Acenaphthylene	14.48	152	597925	57.94	nq	98
49) Dimethylphthalate	14.20	163	477256	55.08	nq	97
50) 2,6-Dinitrotoluene	14.33	165	110874	67.11	nq	# 77
51) Acenaphthene	14.81	154	355478	53.88	nq	97
52) 3-Nitroaniline	14.66	138	122600	66.92	nq	# 75
53) 2,4-Dinitrophenol	14.87	184	42234	79.29	nq	# 72
54) Dibenzofuran	15.15	168	556721	61.80	nq	96
55) 4-Nitrophenol	14.98	139	90470	57.67	nq	# 72
56) 2,4-Dinitrotoluene	15.11	165	154103	69.02	nq	# 79
57) Fluorene	15.80	166	480663	59.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	102192	57.16	nq	96
59) Diethylphthalate	15.55	149	499554	55.24	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	220571	55.66	nq	96
61) 4-Nitroaniline	15.82	138	124455	61.73	nq	# 76
62) Azobenzene	16.07	77	393223	50.74	nq	86
64) 4,6-Dinitro-2-methylphenol	15.88	198	74323	83.43	nq	# 79
65) n-Nitrosodiphenylamine	16.00	169	409614	59.18	nq	99
66) 4-Bromophenyl-phenylether	16.68	248	134838	54.53	nq	93
67) Hexachlorobenzene	16.80	284	150632	57.71	nq	94
68) Atrazine	16.94	200	143454	52.48	nq	98
69) Pentachlorophenol	17.15	266	67276	45.15	nq	98
70) Phenanthrene	17.53	178	733678	57.68	nq	98
71) Anthracene	17.63	178	735742	56.98	nq	96
72) Carbazole	17.90	167	684456	56.79	nq	98
73) Di-n-butylphthalate	18.43	149	875689	57.12	nq	97
74) Fluoranthene	19.54	202	813742	53.58	nq	96
76) Benzidine	19.71	184	346169	49.69	nq	97
77) Pyrene	19.90	202	800719	62.06	nq	100
79) Butylbenzylphthalate	20.77	149	401003	66.95	nq	89
80) Benzo(a)anthracene	21.75	228	749378	58.19	nq	98
81) 3,3'-Dichlorobenzidine	21.66	252	220952	21.68	nq	99
82) Chrysene	21.82	228	723255	58.46	nq	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	578094	65.99	nq	98
84) Di-n-octyl phthalate	22.86	149	967508	65.93	nq	# 85
85) Indeno(1,2,3-cd)pyrene	28.84	276	850222	57.81	nq	100
87) Benzo(b)fluoranthene	24.02	252	775282	62.46	nq	# 96
88) Benzo(k)fluoranthene	24.09	252	728779	60.05	nq	# 96
89) Benzo(a)pyrene	24.91	252	734169	61.05	nq	# 95
90) Dibenzo(a,h)anthracene	28.90	278	704472	58.43	nq	# 93
91) Benzo(g,h,i)perylene	30.03	276	702953	59.41	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

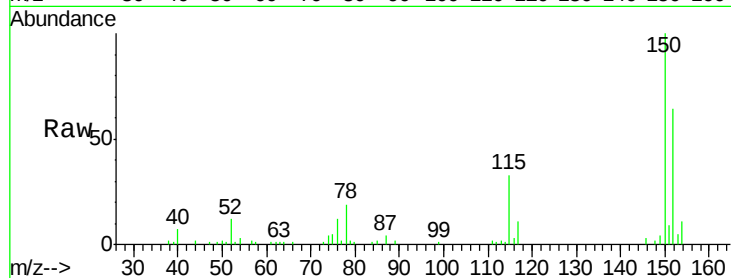
Tot Ion:152 Resp: 28768

Ion Ratio Lower Upper

152 100

150 155.8 130.1 195.1

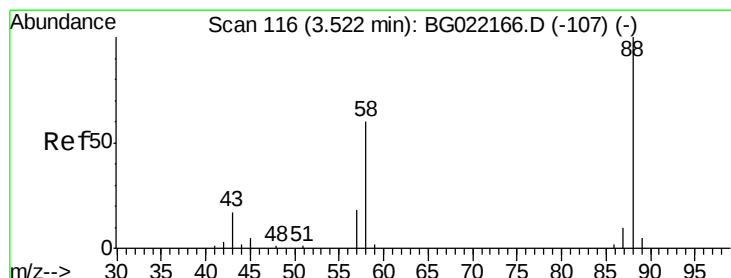
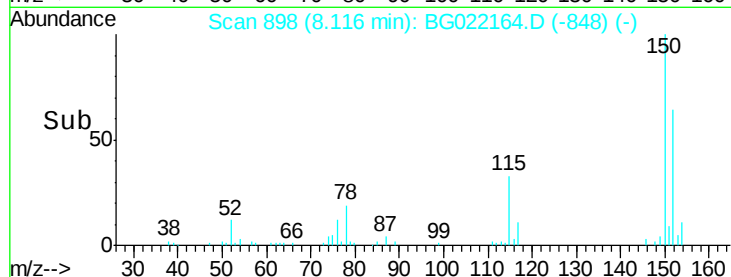
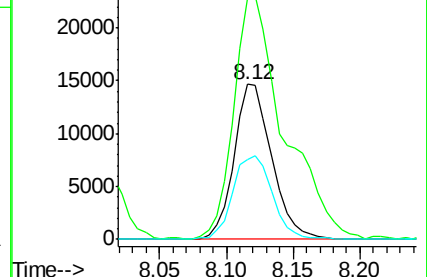
115 51.3 62.2 93.2#



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: 55.11 ng

RT: 3.52 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

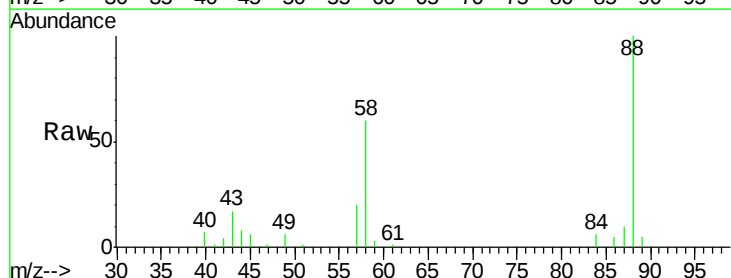
Tgt Ion: 88 Resp: 42377

Ion Ratio Lower Upper

88 100

58 54.3 61.8 92.8#

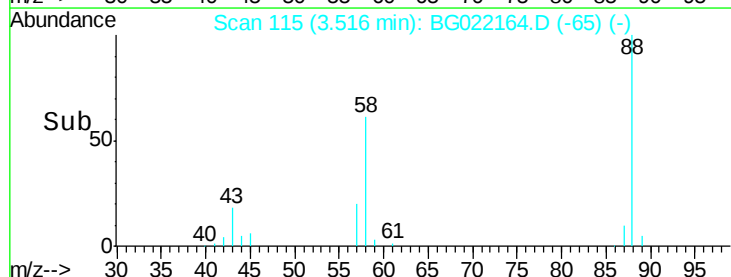
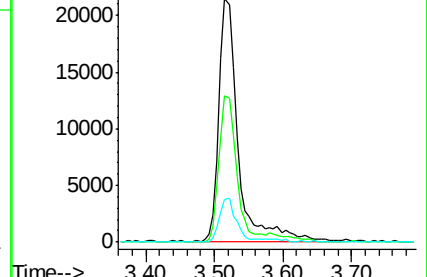
43 15.7 27.3 40.9#

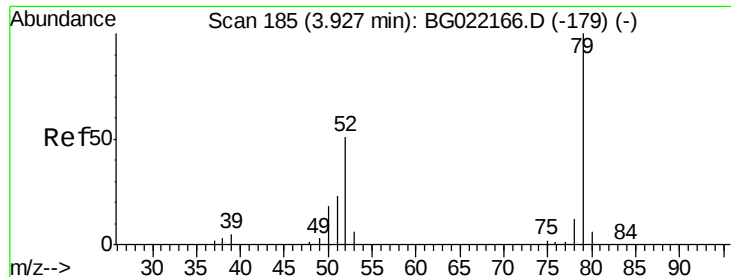


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 52.09 ng

RT: 3.93 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampled :

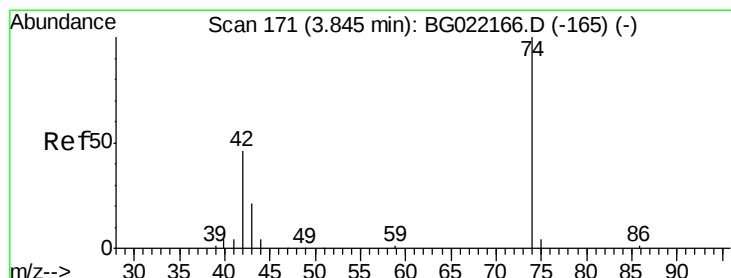
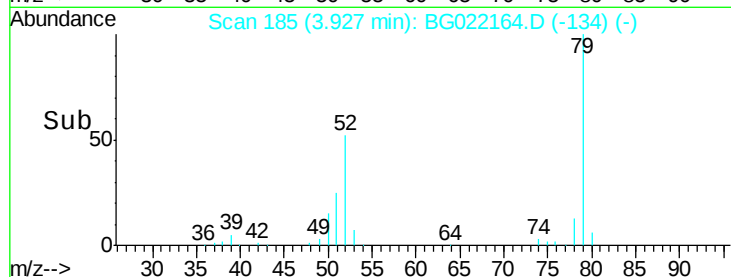
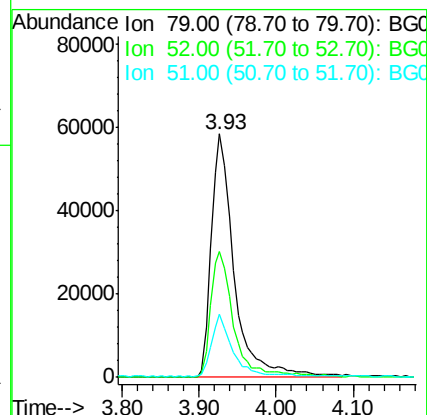
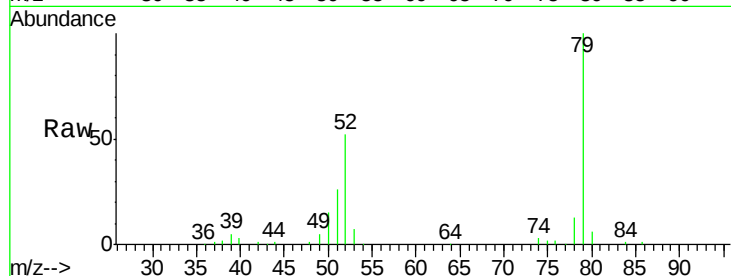
Tot Ion: 79 Resp: 120211

Ion Ratio Lower Upper

79 100

52 51.8 77.2 115.8#

51 26.1 42.5 63.7#



#4

n-Nitrosodimethylamine

Concen: 23.55 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

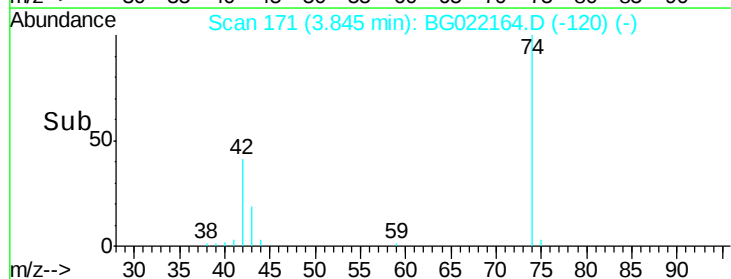
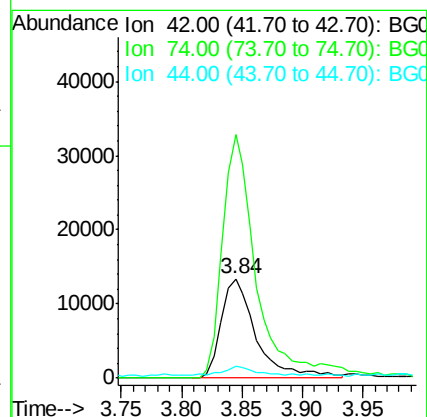
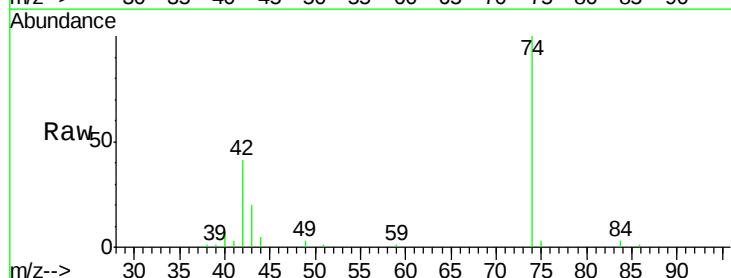
Tgt Ion: 42 Resp: 26935

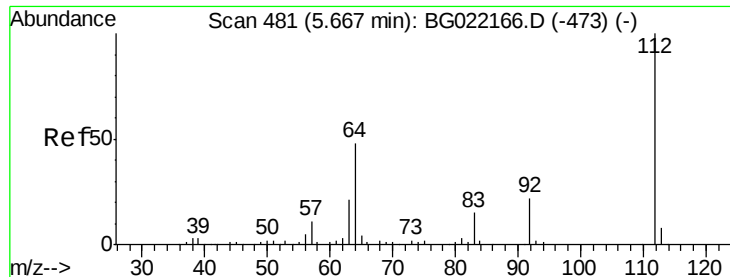
Ion Ratio Lower Upper

42 100

74 245.7 83.0 124.4#

44 12.1 11.0 16.6





#5

2-Fluorophenol

Concen: 113.21 ng

RT: 5.67 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

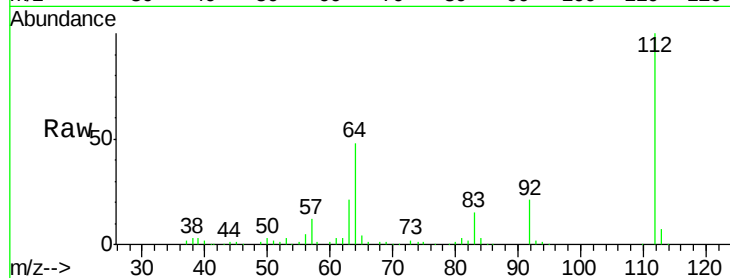
Tot Ion:112 Resp: 195583

Ion Ratio Lower Upper

112 100

64 48.1 51.1 76.7#

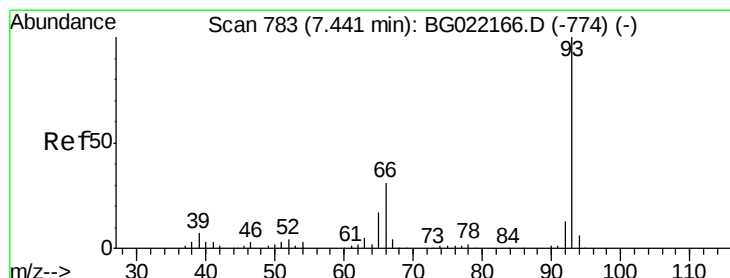
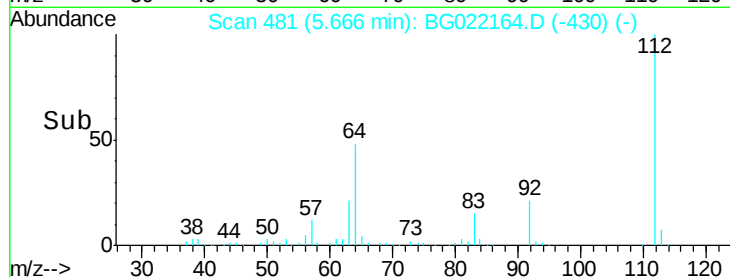
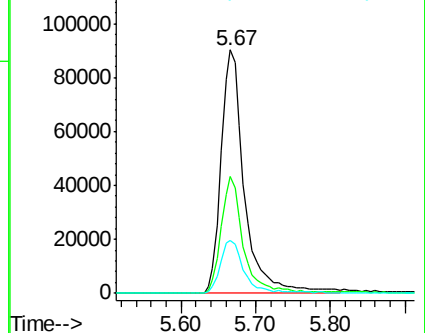
63 21.5 24.6 37.0#



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: 56.92 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

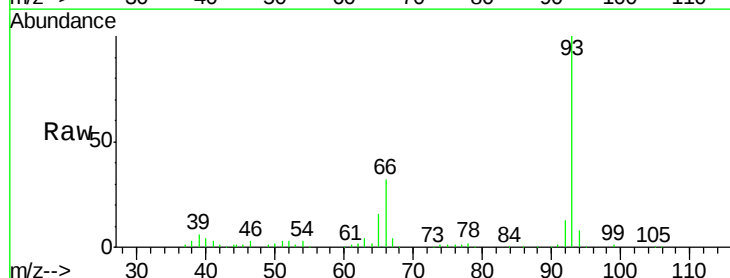
Tgt Ion: 93 Resp: 194274

Ion Ratio Lower Upper

93 100

66 32.1 36.3 54.5#

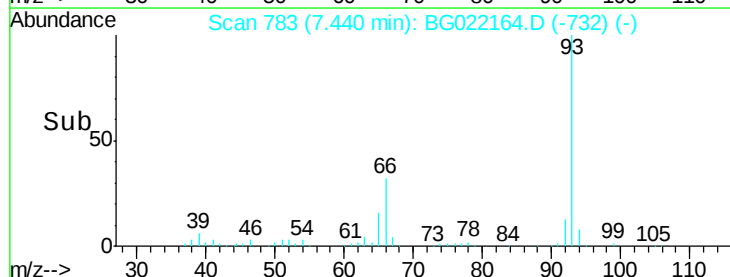
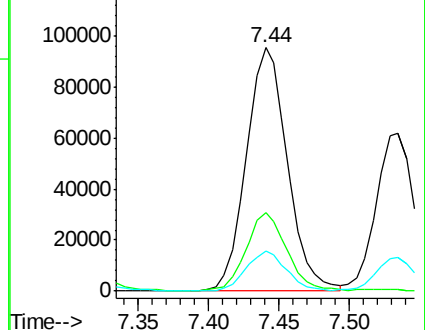
65 16.4 18.4 27.6#

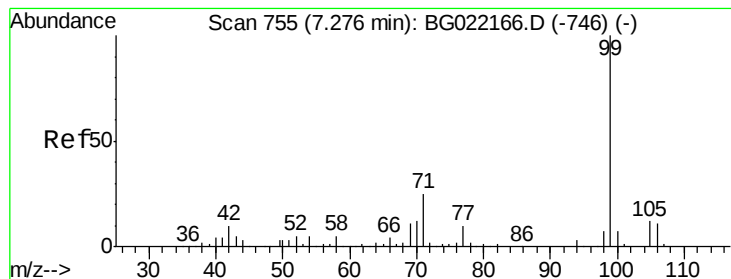


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.52 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

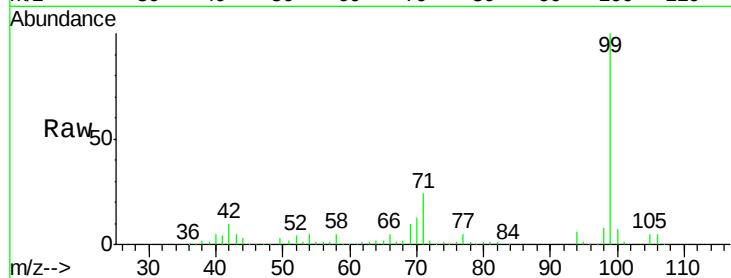
Tot Ion: 99 Resp: 300683

Ion Ratio Lower Upper

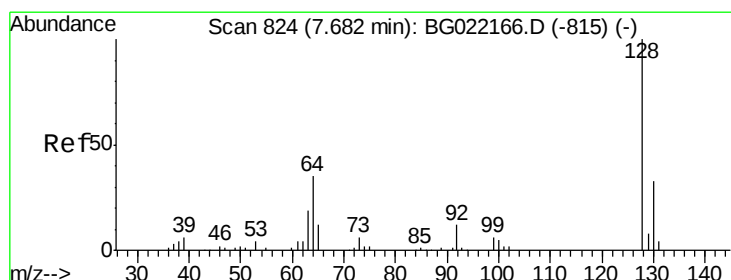
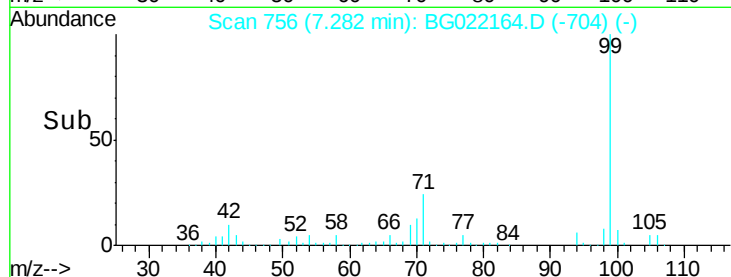
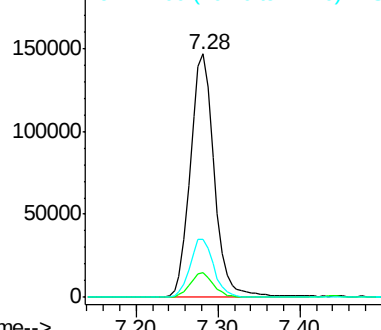
99 100

42 10.0 16.4 24.6#

71 24.1 25.0 37.4#



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



#8

2-Chlorophenol

Concen: 61.82 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

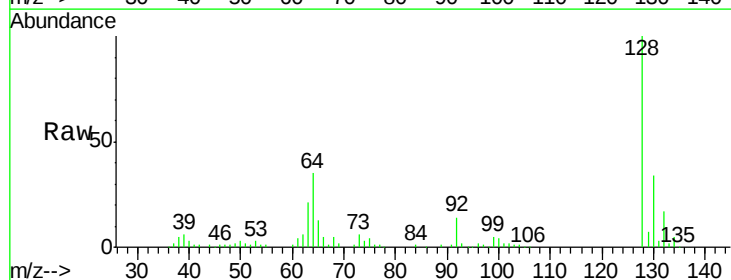
Tgt Ion:128 Resp: 128038

Ion Ratio Lower Upper

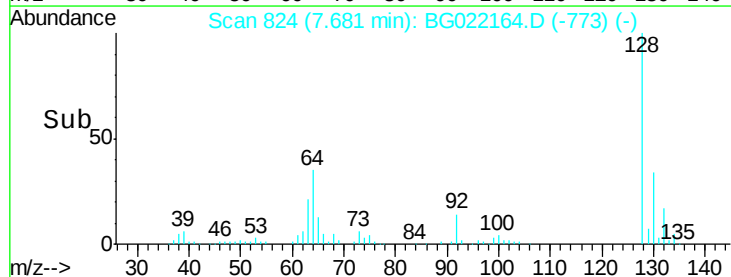
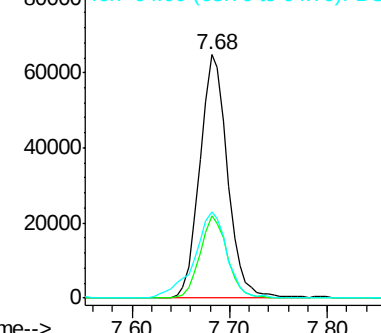
128 100

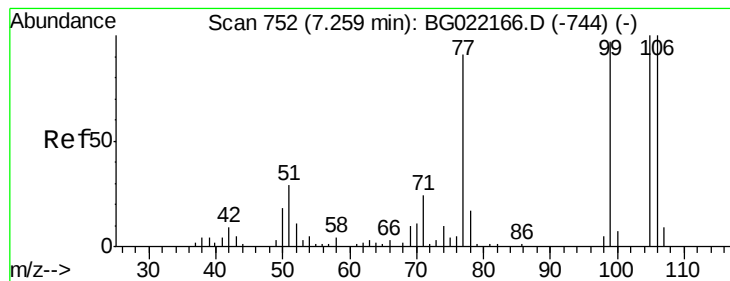
130 33.7 11.2 51.2

64 35.5 39.8 79.8#



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





#9

Benzaldehyde

Concen: 43.57 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

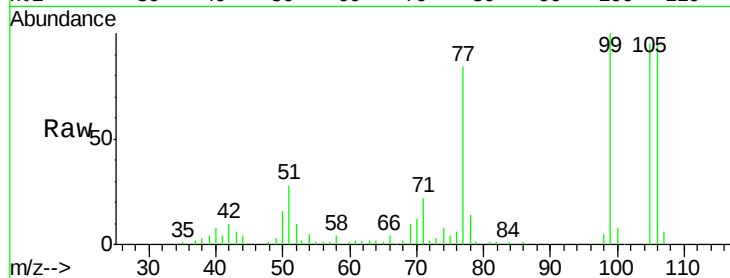
Tot Ion: 77 Resp: 65021

Ion Ratio Lower Upper

77 100

105 113.0 62.1 102.1#

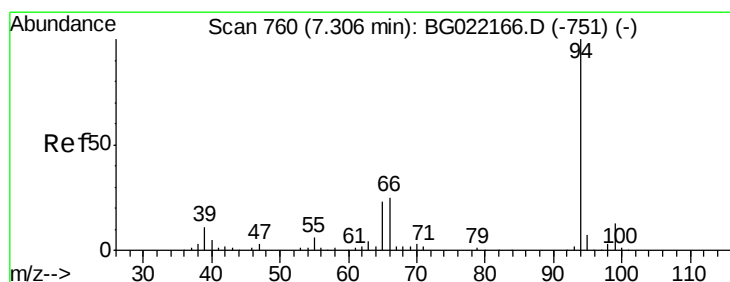
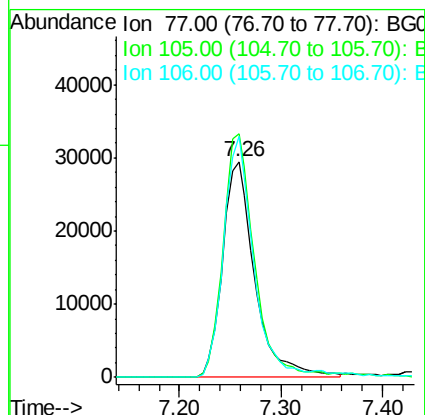
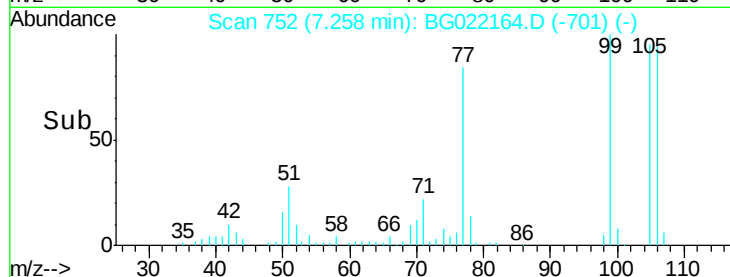
106 111.6 65.6 105.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 55.34 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

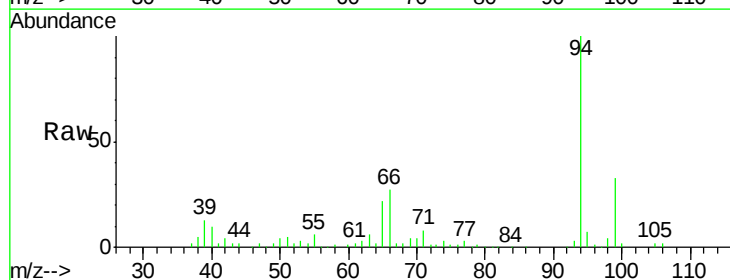
Tgt Ion: 94 Resp: 153578

Ion Ratio Lower Upper

94 100

65 22.5 9.8 49.8

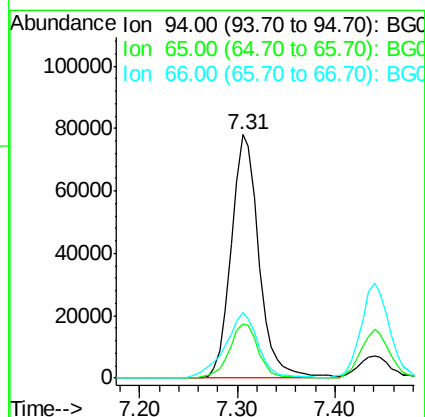
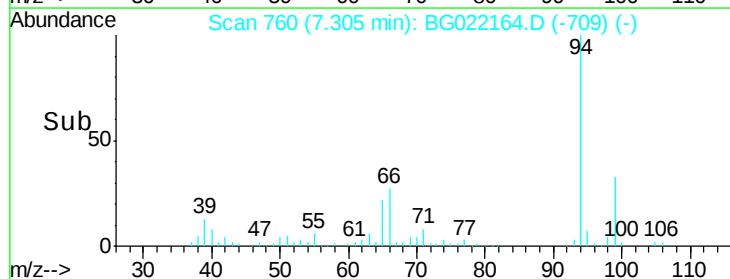
66 27.2 20.8 60.8

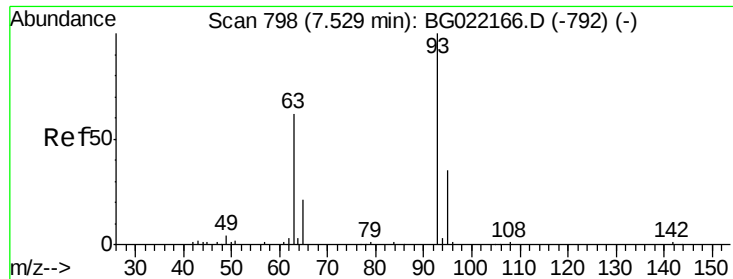


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 53.62 ng

RT: 7.53 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampled :

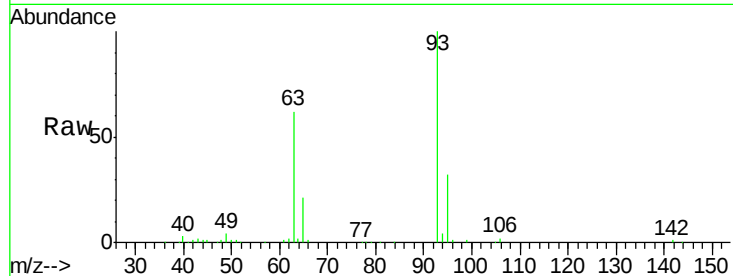
Tot Ion: 93 Resp: 119110

Ion Ratio Lower Upper

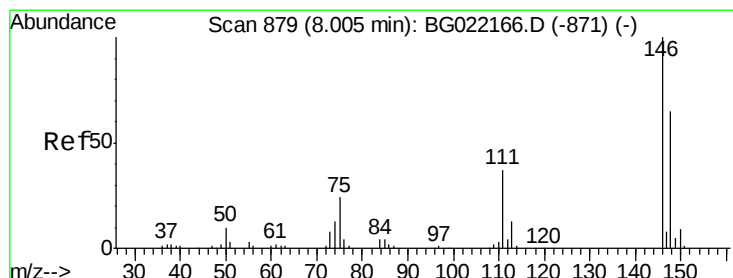
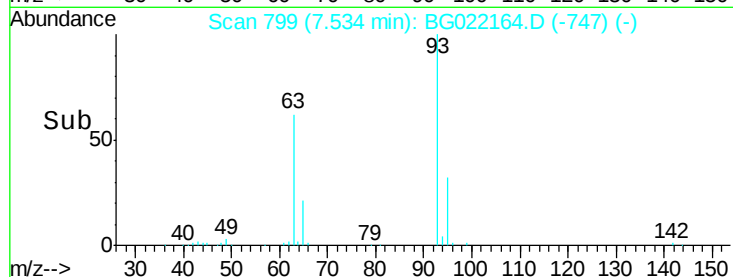
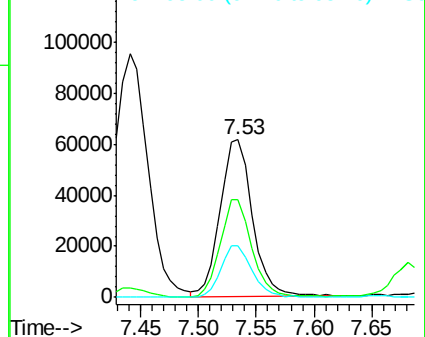
93 100

63 61.7 74.9 114.9#

95 32.5 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: 55.94 ng

RT: 8.01 min Scan# 880

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

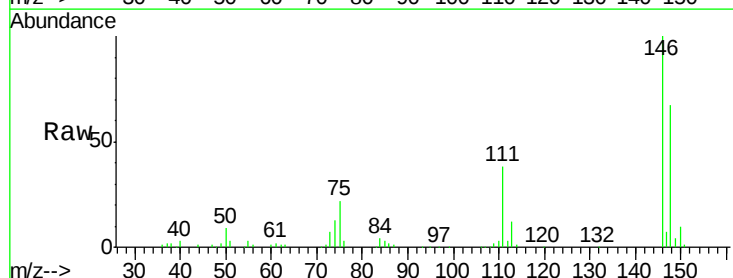
Tgt Ion: 146 Resp: 129384

Ion Ratio Lower Upper

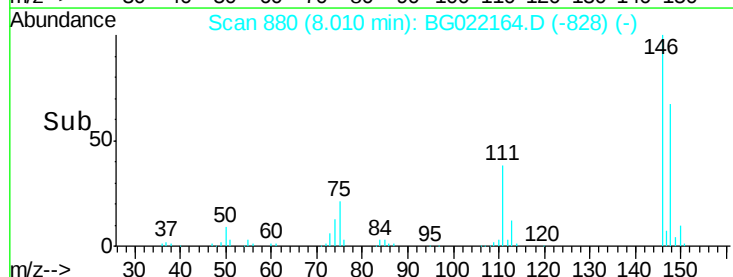
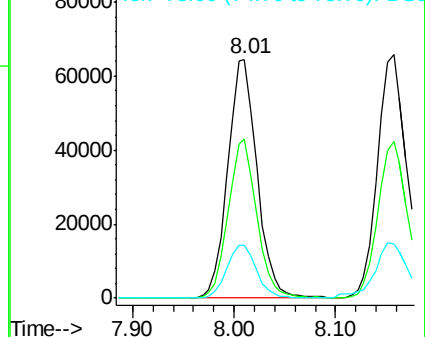
146 100

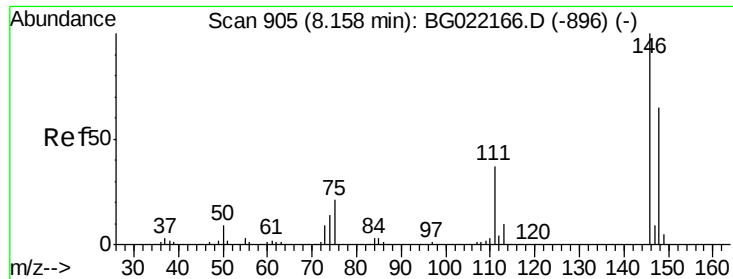
148 66.7 53.7 80.5

75 22.0 27.4 41.0#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

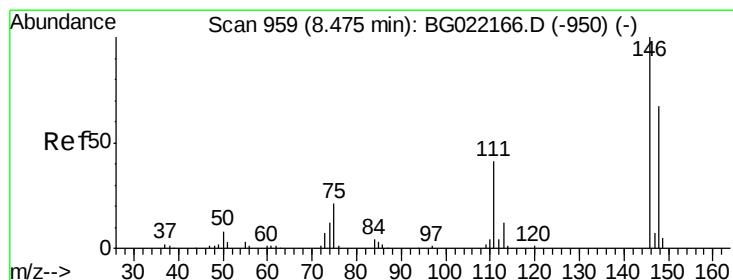
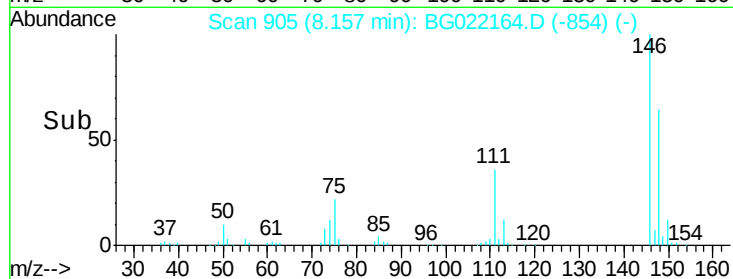
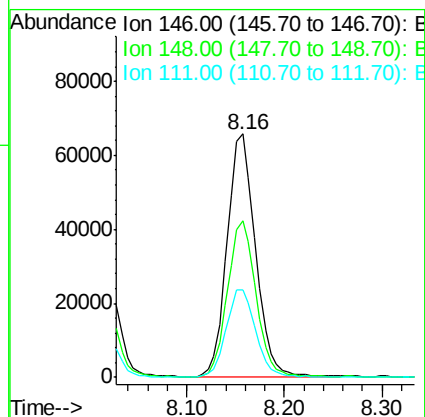
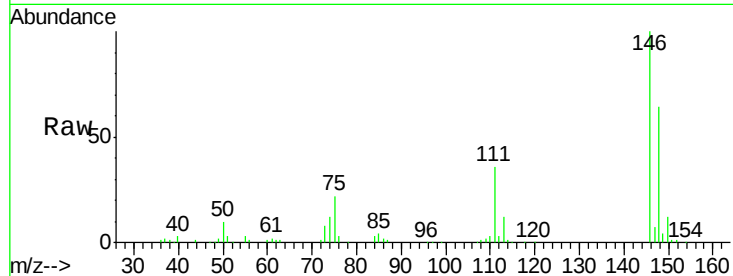




#13
 1,4-Dichlorobenzene
 Concen: 56.08 ng
 RT: 8.16 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

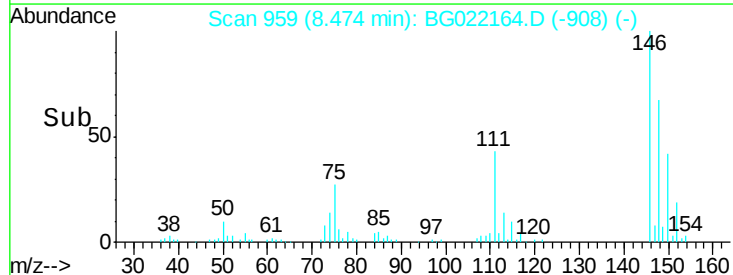
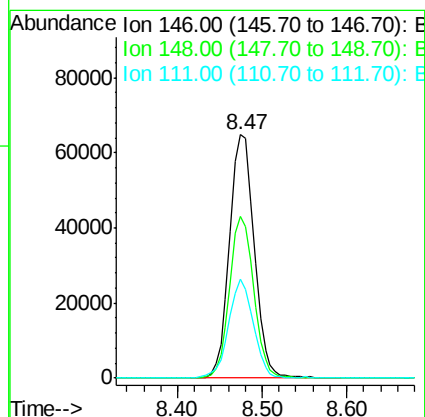
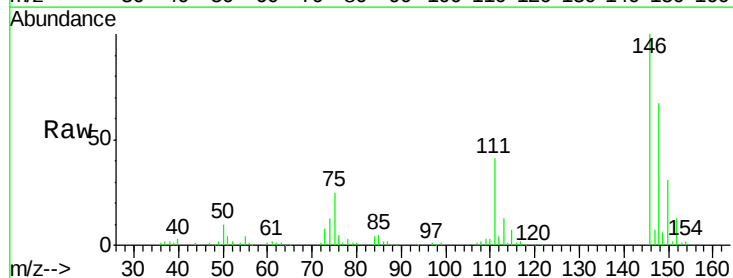
Instrument :
 BNA_G
 ClientSampled :

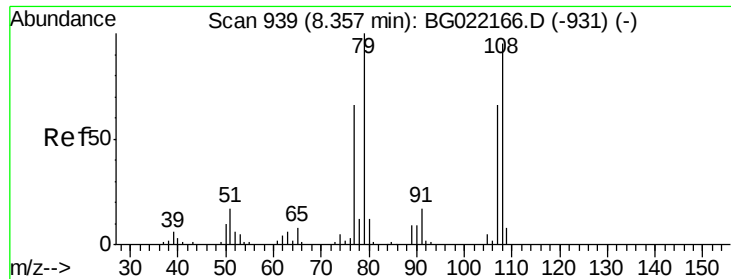
Tot Ion:146 Resp: 132049
 Ion Ratio Lower Upper
 146 100
 148 64.1 46.7 70.1
 111 36.1 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 57.81 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion:146 Resp: 130603
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.6 79.0
 111 40.9 36.1 54.1





#15

Benzyl Alcohol

Concen: 49.37 ng

RT: 8.36 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

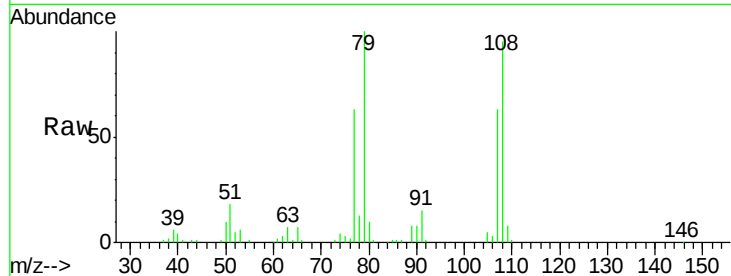
Tot Ion: 79 Resp: 97369

Ion Ratio Lower Upper

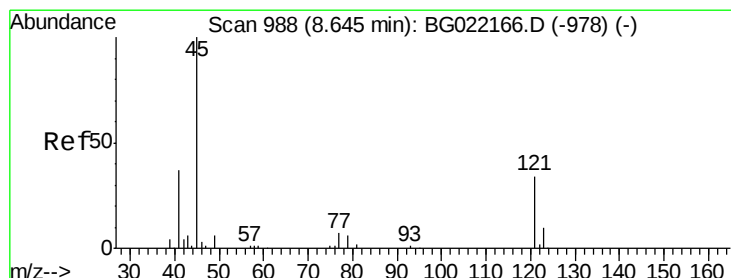
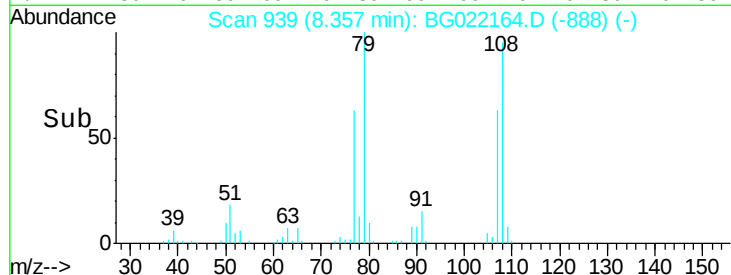
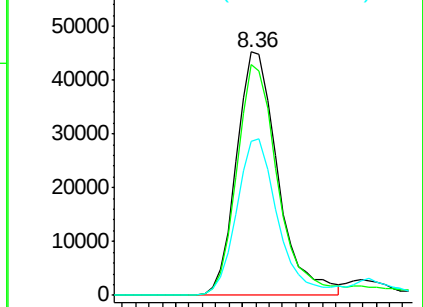
79 100

108 95.0 59.4 89.0#

77 63.1 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.07 ng

RT: 8.65 min Scan# 989

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

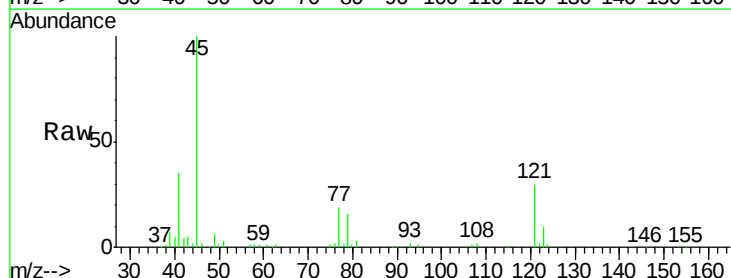
Tgt Ion: 45 Resp: 119275

Ion Ratio Lower Upper

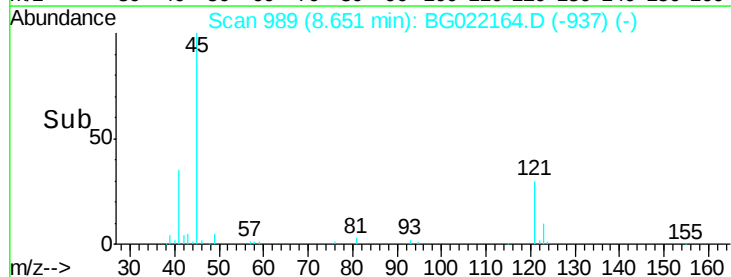
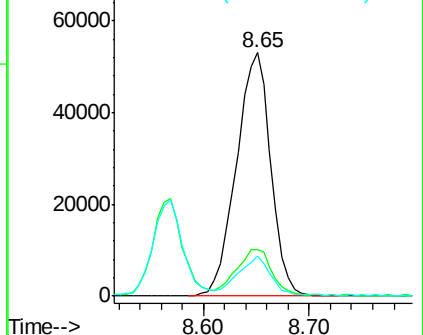
45 100

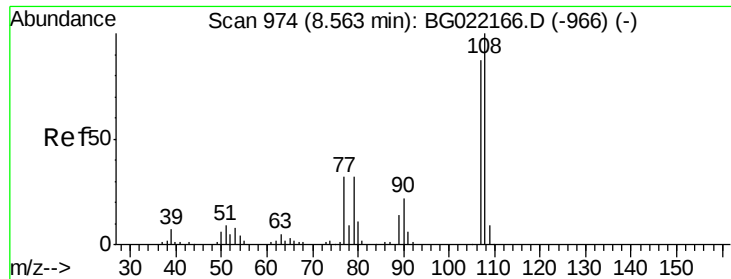
77 19.0 0.0 31.2

79 16.4 0.0 29.0



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

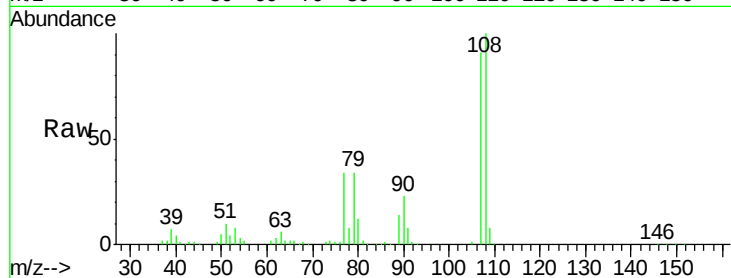




#17
2-Methylphenol
Concen: 58.45 ng
RT: 8.57 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	80.2	120.4
77	37.4	40.7	61.1#
79	37.0	39.8	59.8#



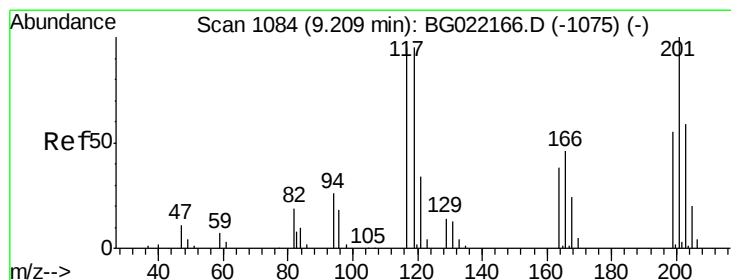
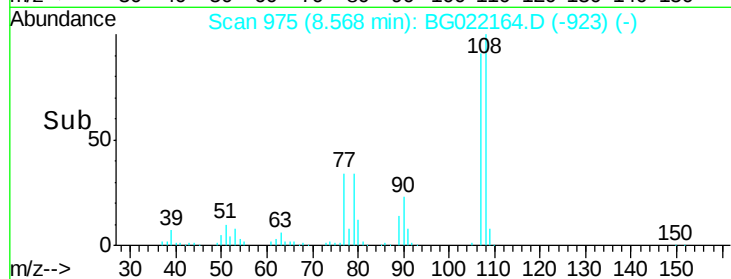
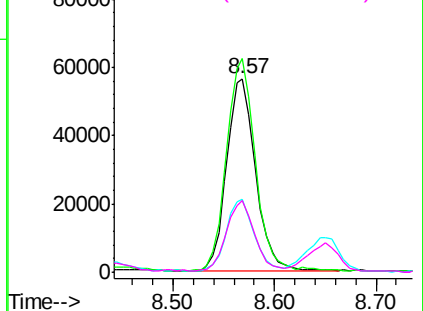
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

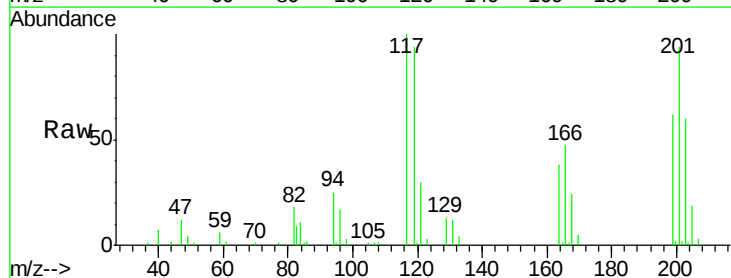
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 55.45 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	63.9	95.9
201	96.7	61.2	91.8#

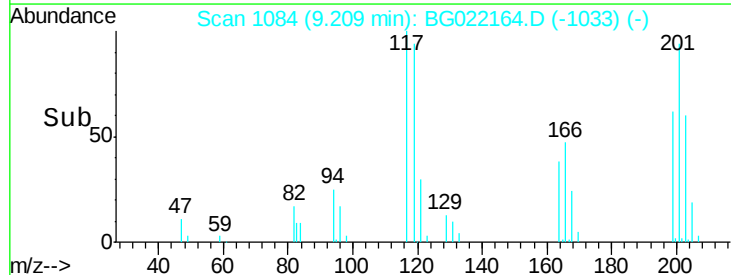
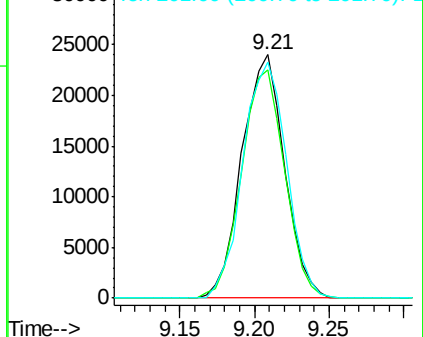


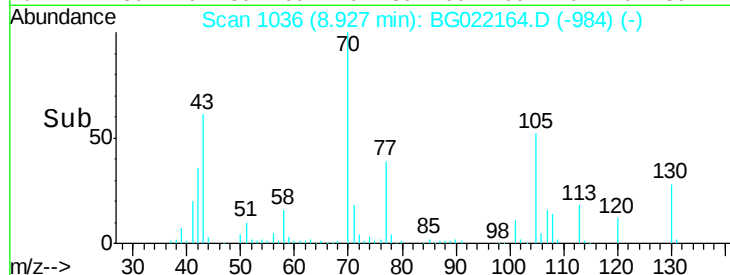
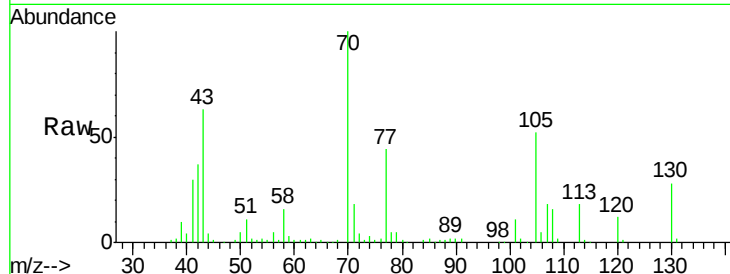
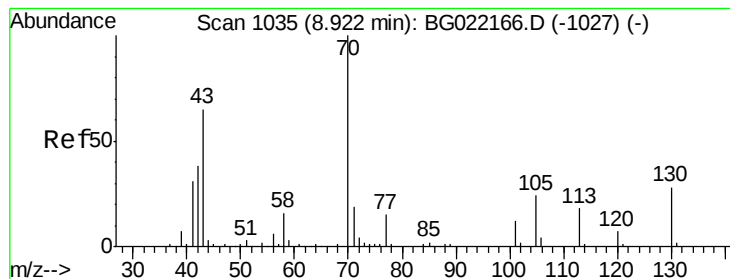
Abundance

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

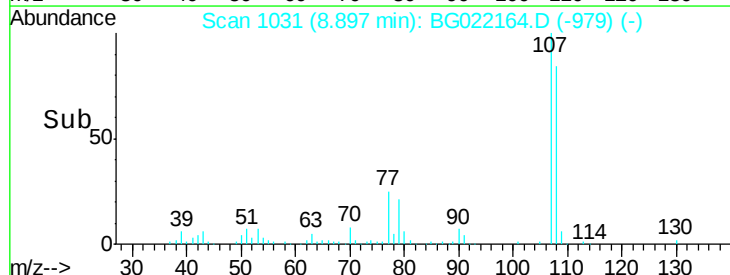
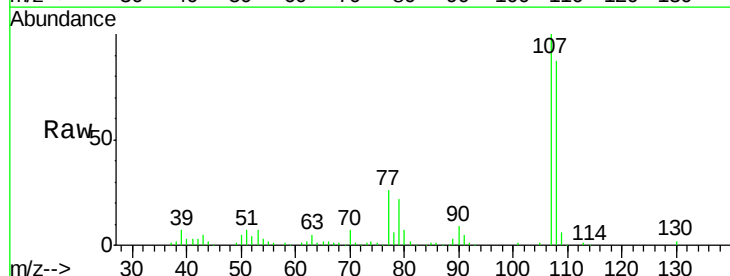
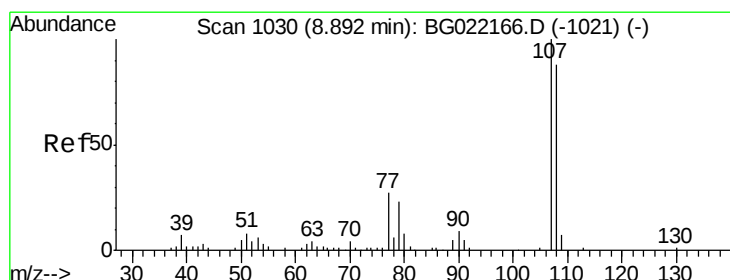
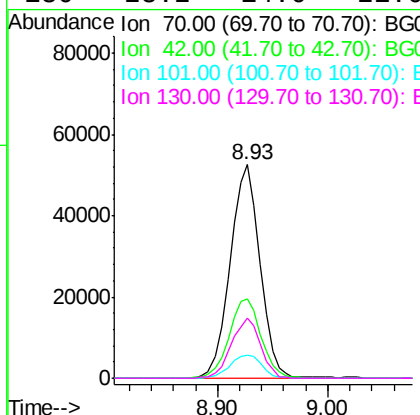




#19
n-Nitroso-di-n-propylamine
Concen: 49.71 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

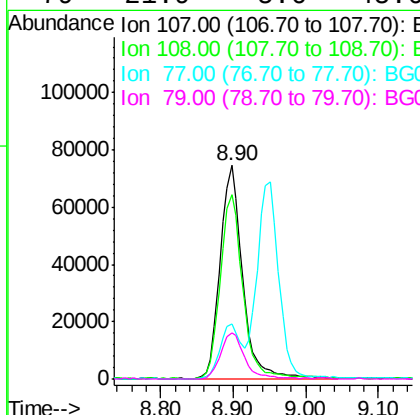
Instrument :
BNA_G
ClientSampleId :

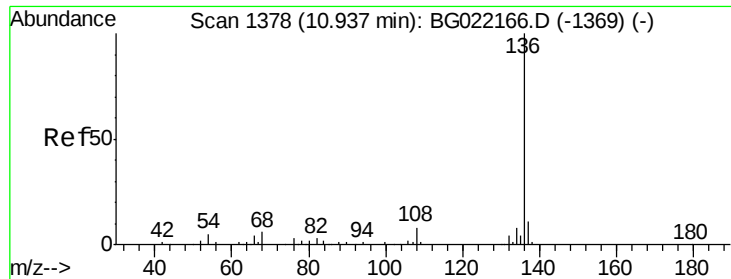
Tot Ion: 70 Resp: 99667
Ion Ratio Lower Upper
70 100
42 37.1 56.7 85.1#
101 10.7 8.2 12.4
130 28.2 14.0 21.0#



#20
3+4-Methylphenols
Concen: 61.60 ng
RT: 8.90 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion: 107 Resp: 161761
Ion Ratio Lower Upper
107 100
108 86.5 66.2 106.2
77 26.0 11.5 51.5
79 21.9 5.6 45.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 155441

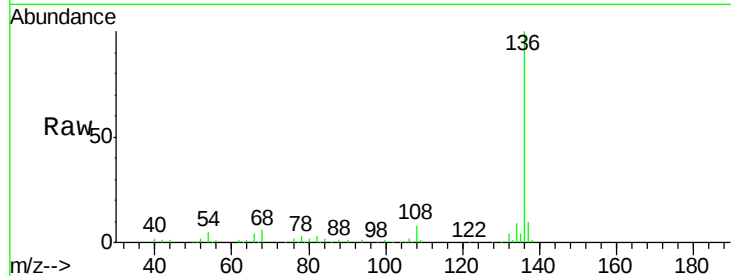
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 5.2 9.6 14.4#

68 5.5 6.4 9.6#

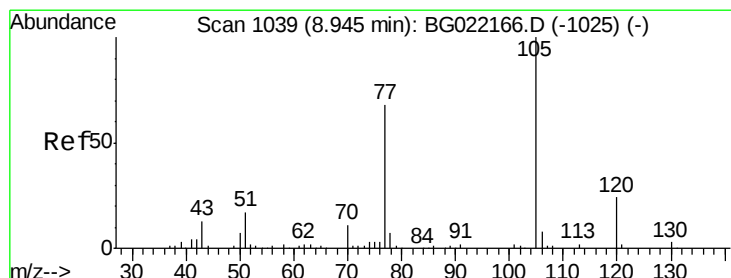
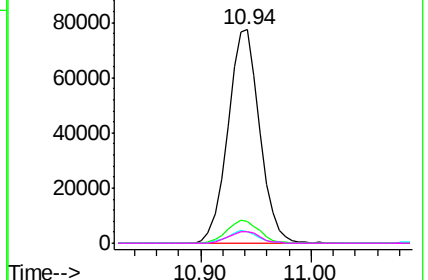
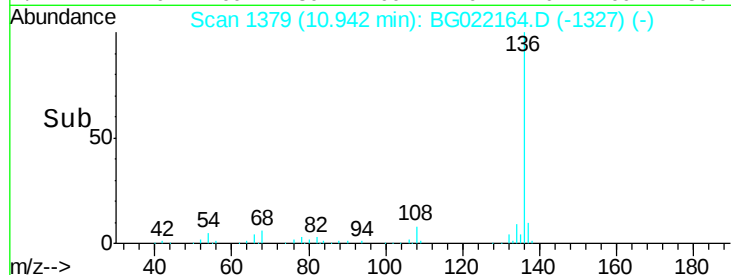


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.46 ng

RT: 8.95 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Tgt Ion:105 Resp: 205480

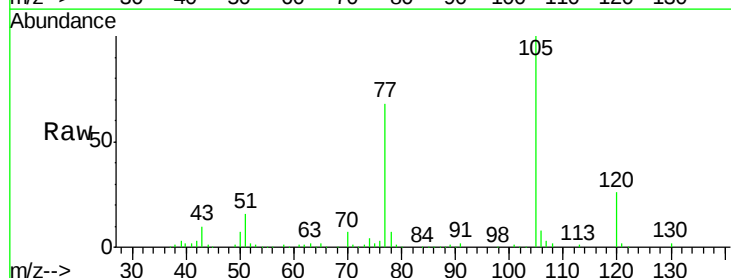
Ion Ratio Lower Upper

105 100

71 1.0 0.0 0.0#

51 16.4 25.7 38.5#

120 26.0 17.0 25.6#

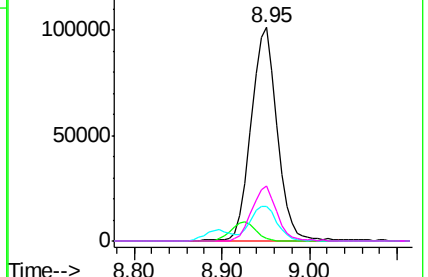
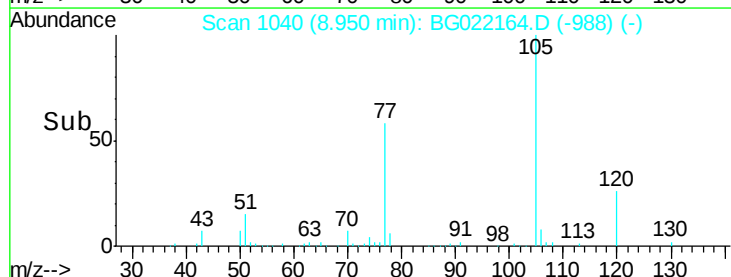


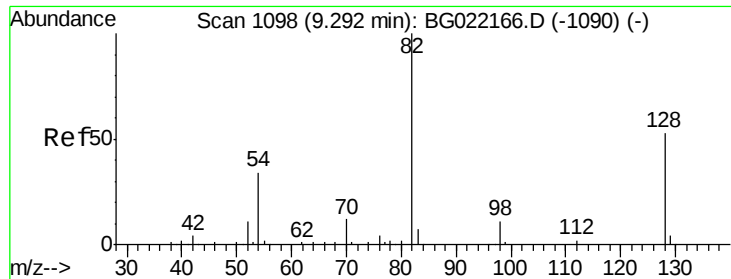
Abundance Ion 105.00 (104.70 to 105.70): E

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

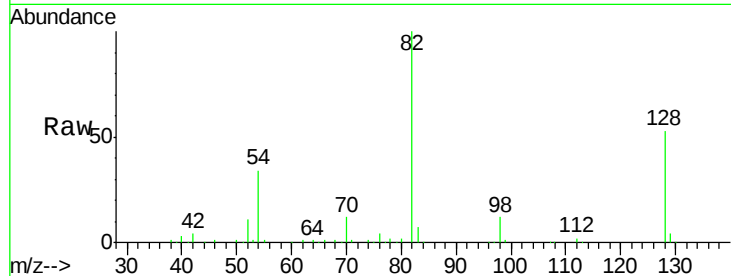




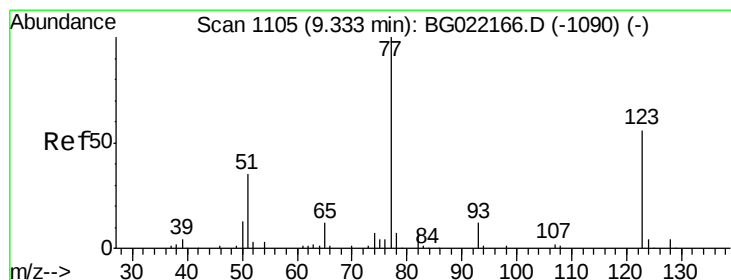
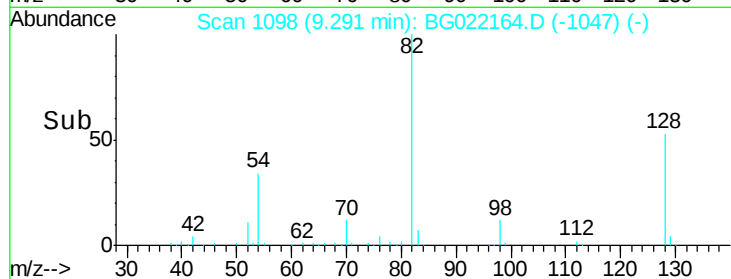
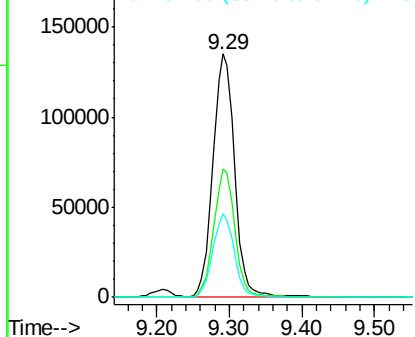
#23
Nitrobenzene-d5
Concen: 92.76 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 280521
Ion Ratio Lower Upper
82 100
128 52.8 33.4 50.0#
54 34.1 46.1 69.1#

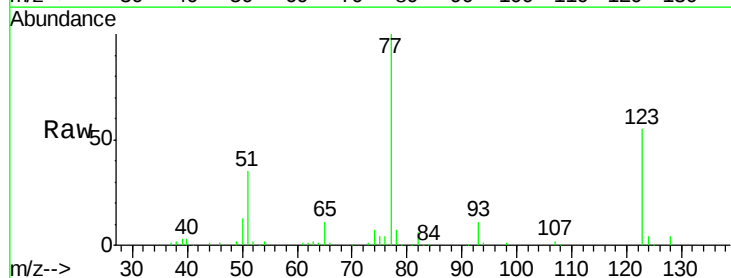


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

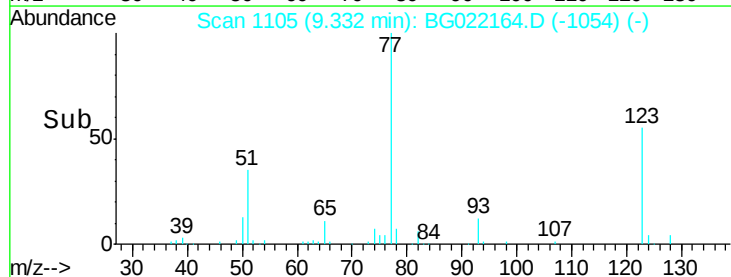
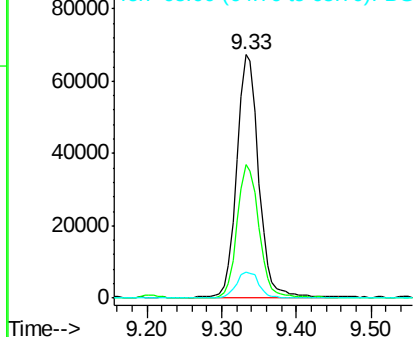


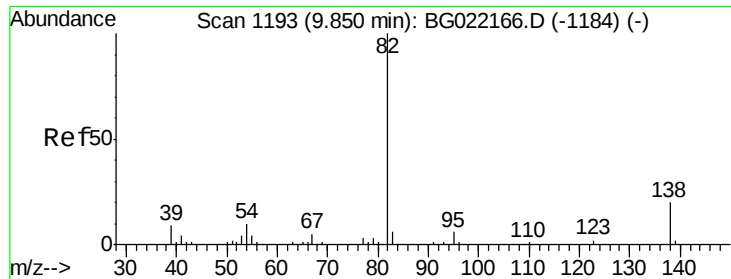
#24
Nitrobenzene
Concen: 42.88 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion: 77 Resp: 138861
Ion Ratio Lower Upper
77 100
123 54.7 32.2 48.4#
65 10.8 10.3 15.5



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





#25

Isophorone

Concen: 46.72 ng

RT: 9.86 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

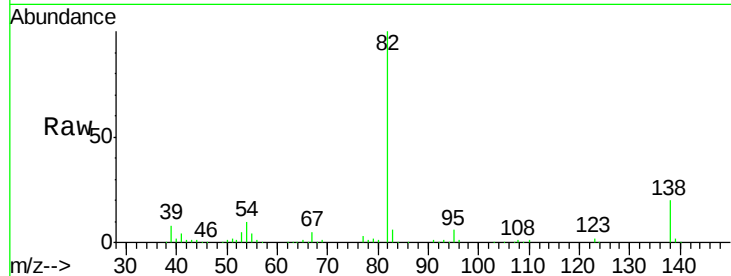
Tot Ion: 82 Resp: 309205

Ion Ratio Lower Upper

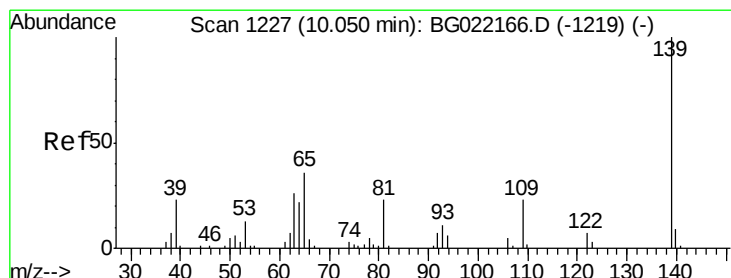
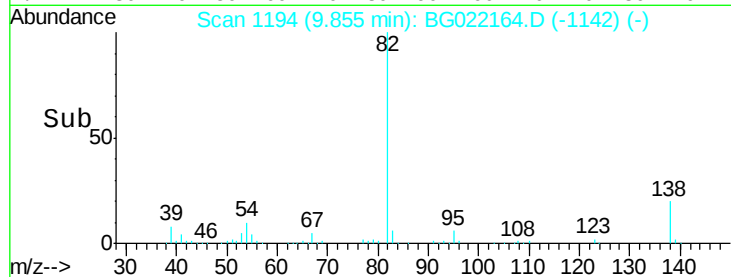
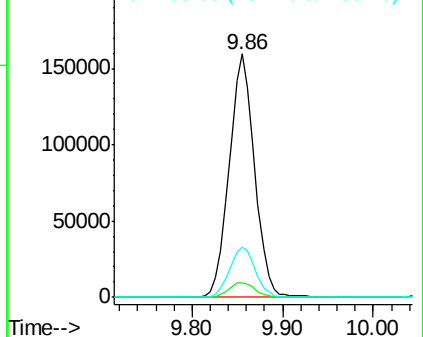
82 100

95 5.8 6.0 9.0#

138 20.4 13.4 20.0#



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



#26

2-Nitrophenol

Concen: 64.25 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

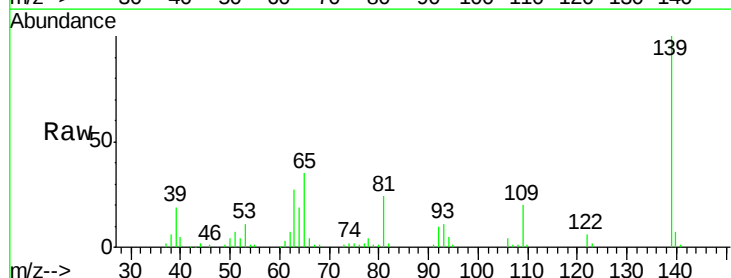
Tgt Ion: 139 Resp: 79429

Ion Ratio Lower Upper

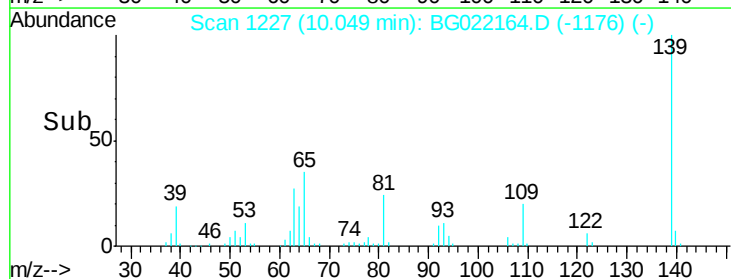
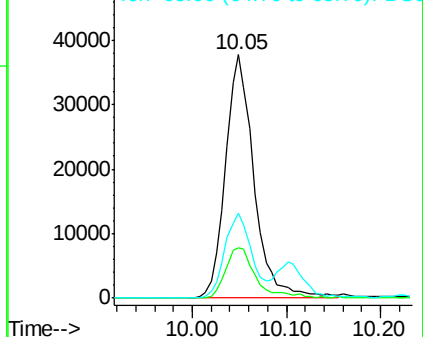
139 100

109 20.5 26.6 40.0#

65 35.0 45.3 67.9#



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

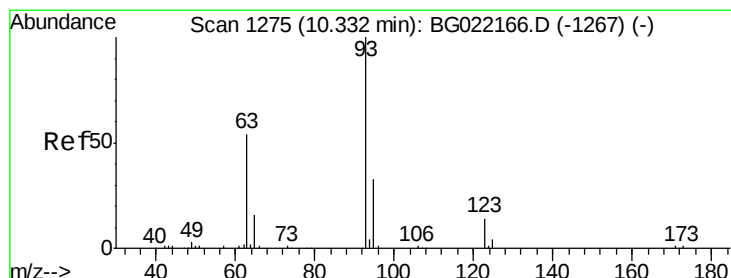
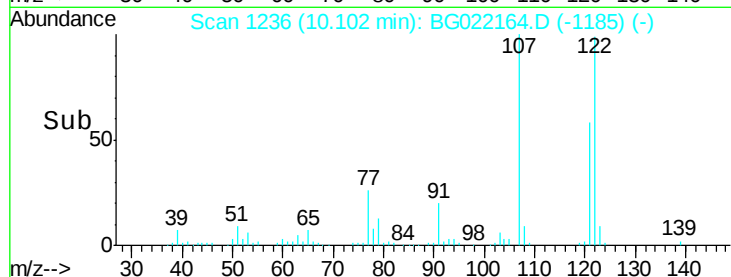
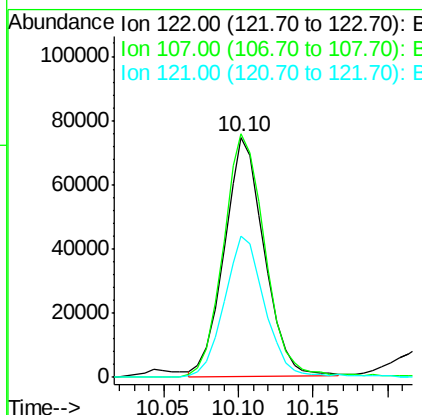
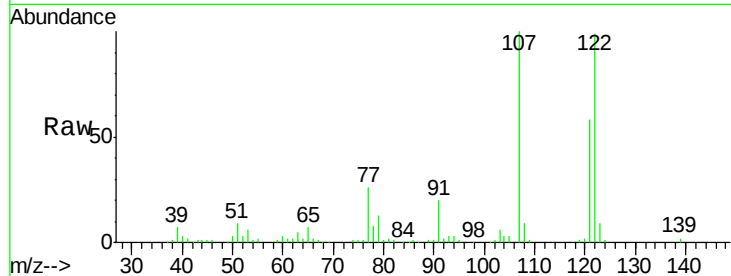




#27
2,4-Dimethylphenol
Concen: 49.36 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

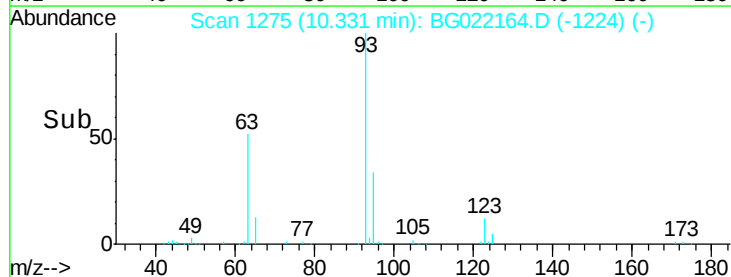
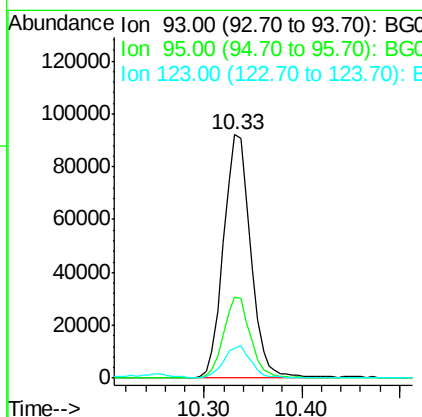
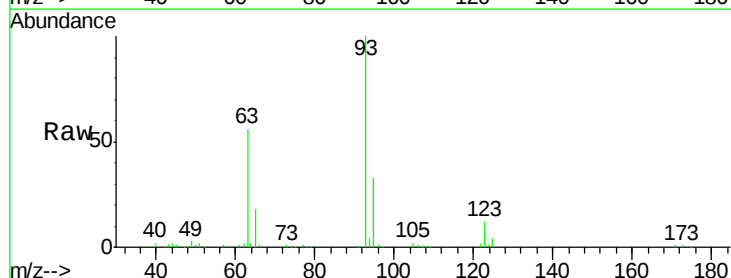
Instrument :
BNA_G
ClientSampled :

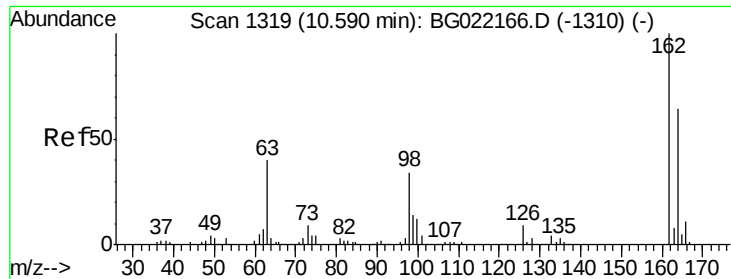
Tot Ion:122 Resp: 138626
Ion Ratio Lower Upper
122 100
107 101.4 97.2 145.8
121 58.7 49.0 73.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.78 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion: 93 Resp: 178593
Ion Ratio Lower Upper
93 100
95 33.2 30.1 45.1
123 12.5 10.2 15.4

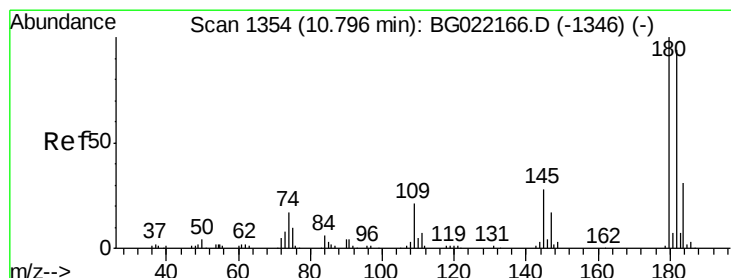
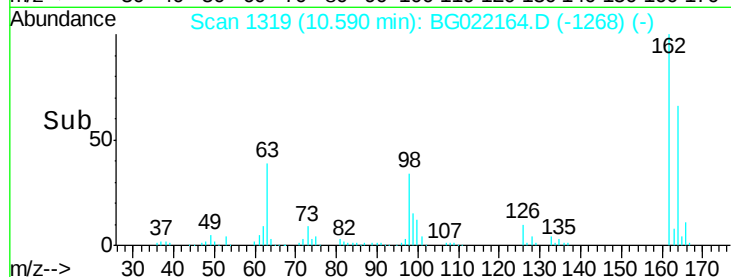
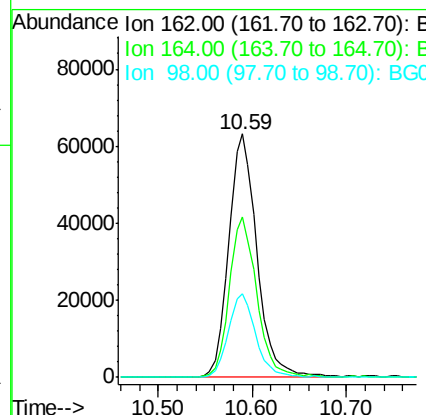
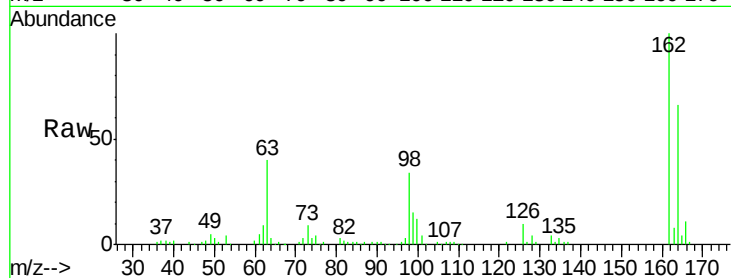




#29
 2,4-Dichlorophenol
 Concen: 55.05 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

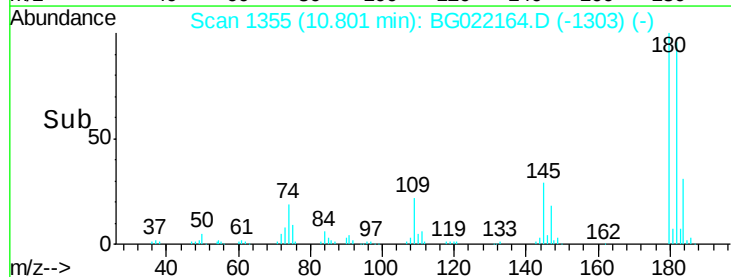
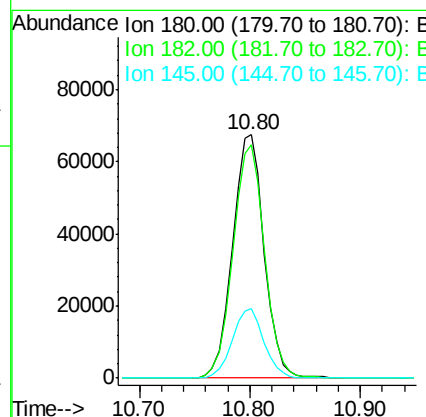
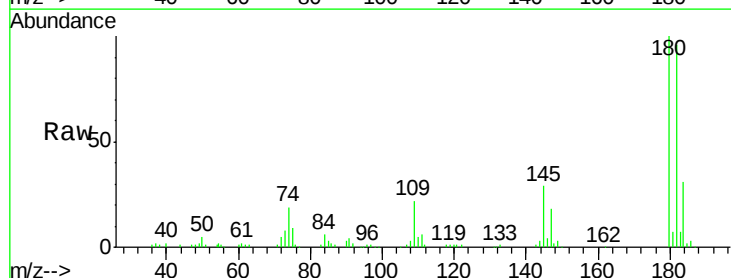
Instrument :
 BNA_G
 ClientSampleId :

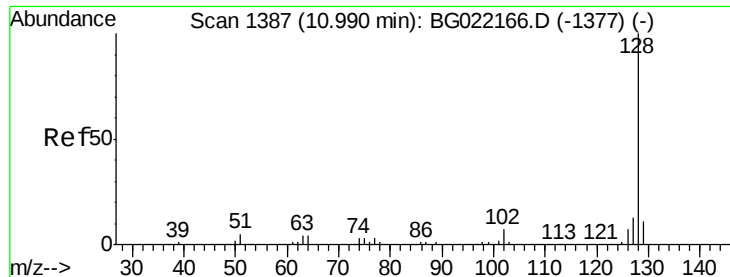
Tot Ion:162 Resp: 131790
 Ion Ratio Lower Upper
 162 100
 164 66.1 44.9 84.9
 98 34.1 19.2 59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 52.39 ng
 RT: 10.80 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion:180 Resp: 134882
 Ion Ratio Lower Upper
 180 100
 182 96.0 82.3 123.5
 145 28.7 24.4 36.6

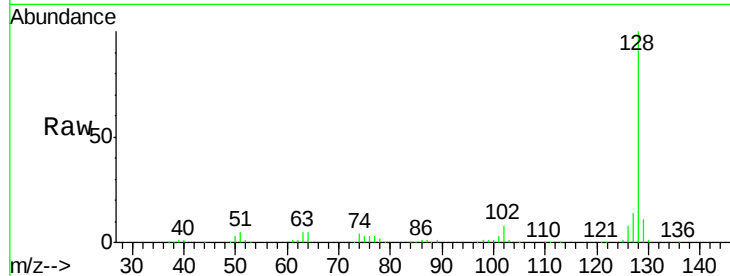




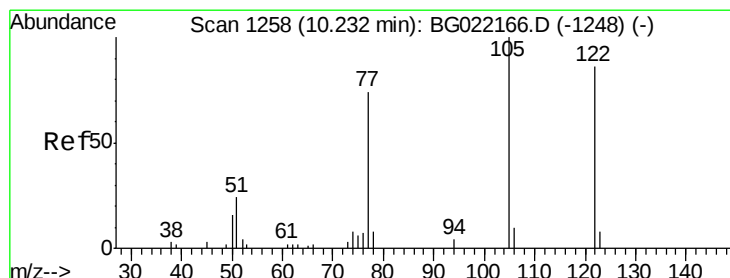
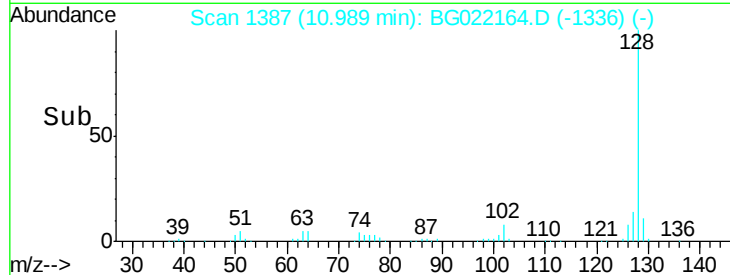
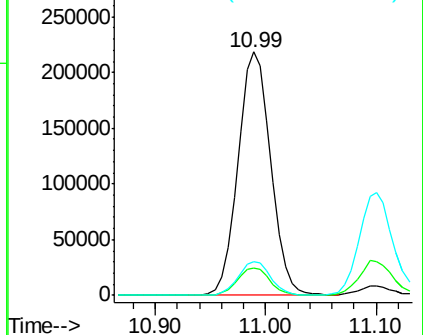
#31
Naphthalene
Concen: 54.60 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 454199
Ion Ratio Lower Upper
128 100
129 11.3 7.0 10.6#
127 14.0 10.1 15.1

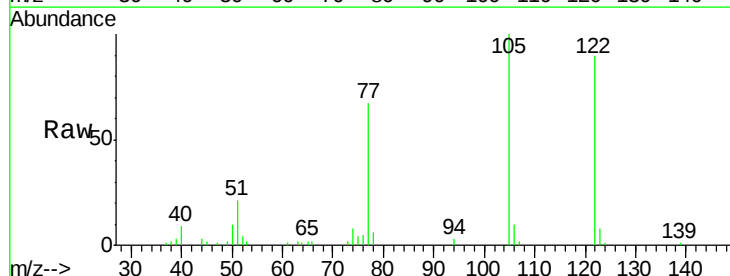


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

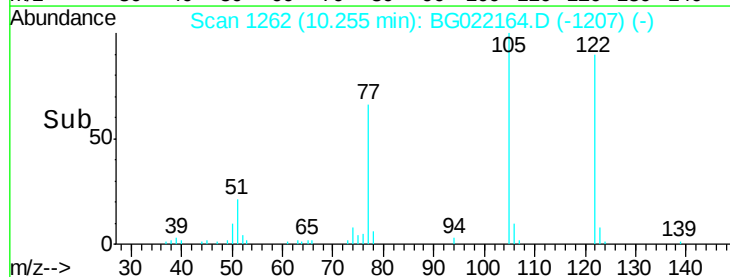
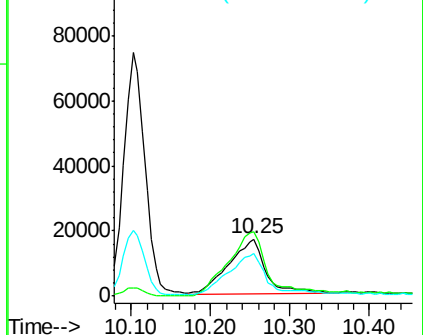


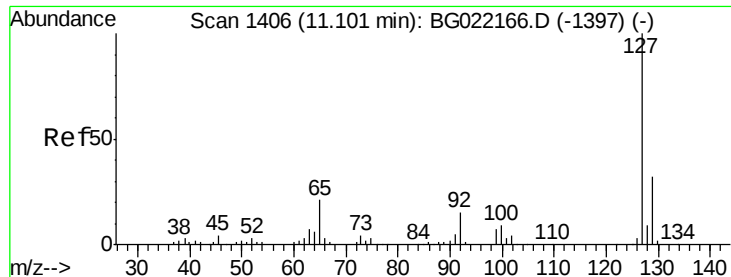
#32
Benzoic acid
Concen: 36.80 ng
RT: 10.25 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:122 Resp: 54994
Ion Ratio Lower Upper
122 100
105 111.6 104.5 144.5
77 74.3 79.9 119.9#



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

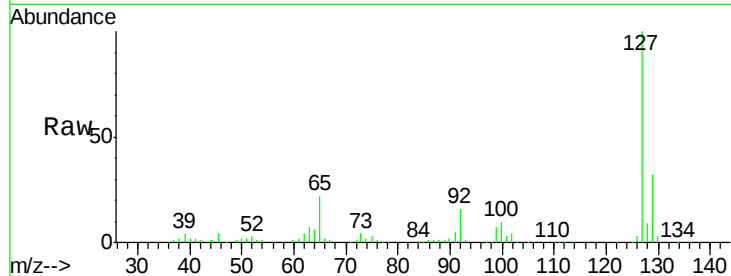




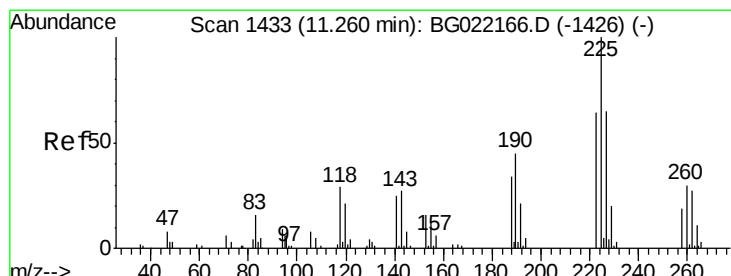
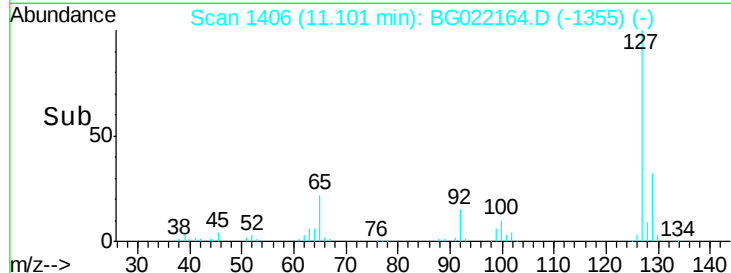
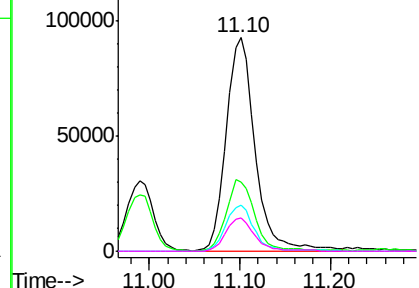
#33
4-Chloroaniline
Concen: 56.95 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	21.7	27.5	41.3
92	15.7	14.7	22.1

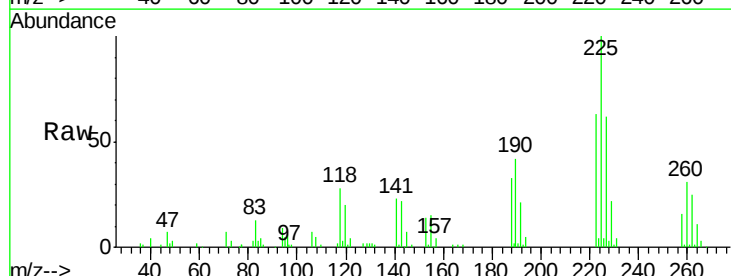


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

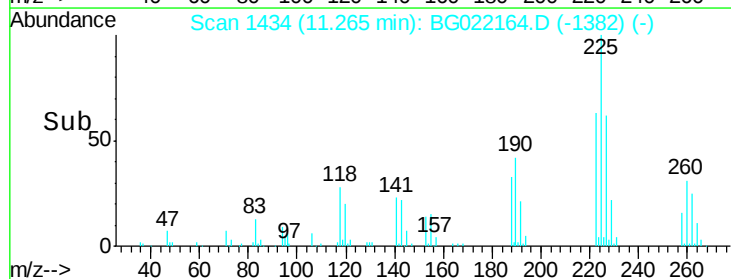
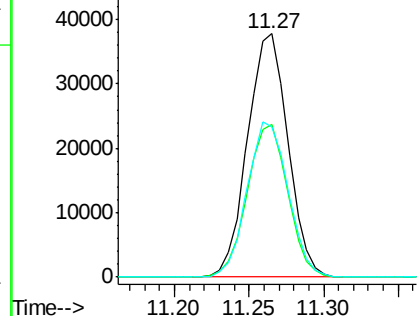


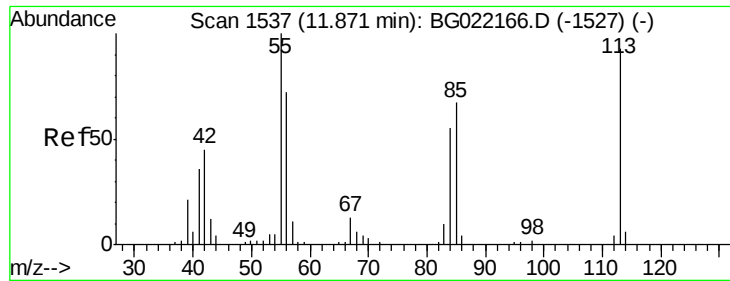
#34
Hexachlorobutadiene
Concen: 42.62 ng
RT: 11.27 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	52.7	79.1
227	62.3	49.7	74.5



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

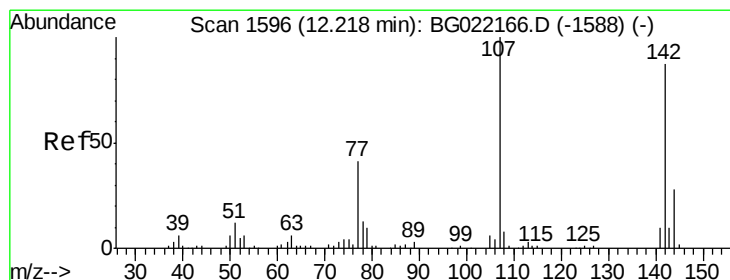
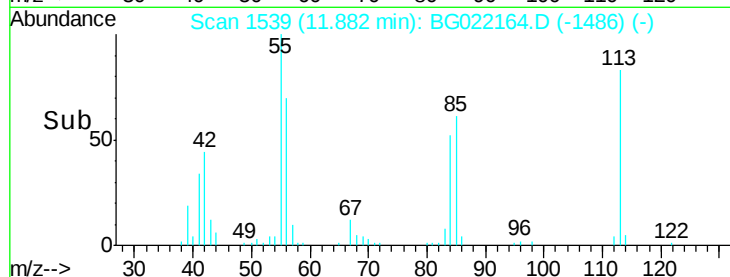
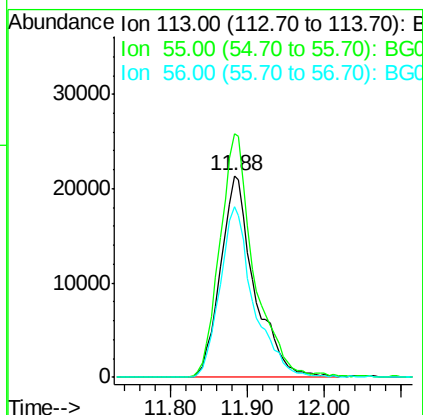
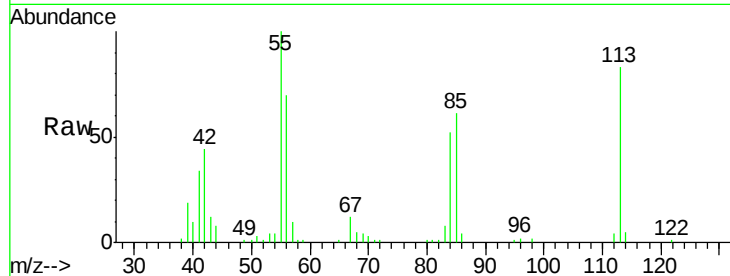




#35
Caprolactam
Concen: 59.63 ng
RT: 11.88 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

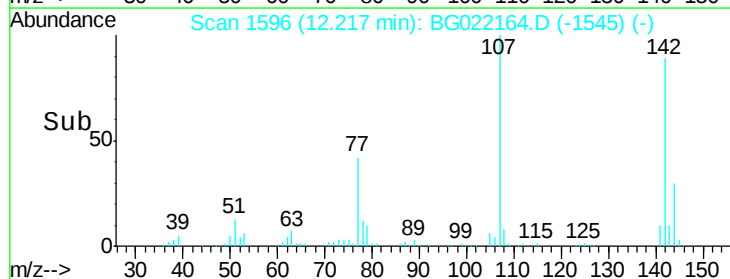
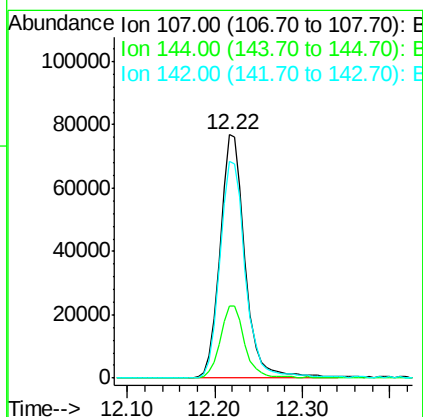
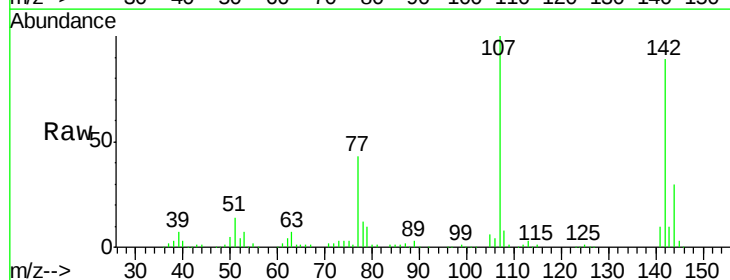
Instrument :
BNA_G
ClientSampleId :

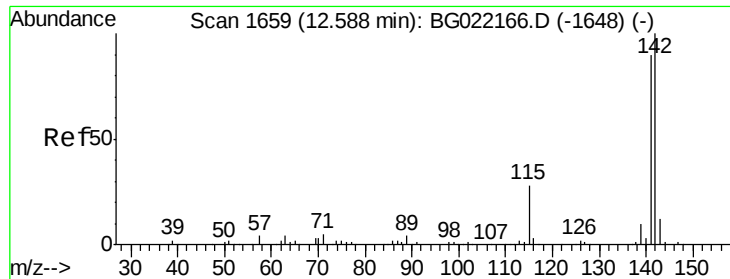
Tot Ion:113 Resp: 65332
Ion Ratio Lower Upper
113 100
55 120.9 194.2 234.2#
56 84.6 122.6 162.6#



#36
4-Chloro-3-methylphenol
Concen: 50.38 ng
RT: 12.22 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:107 Resp: 151678
Ion Ratio Lower Upper
107 100
144 29.7 19.2 28.8#
142 88.9 59.1 88.7#

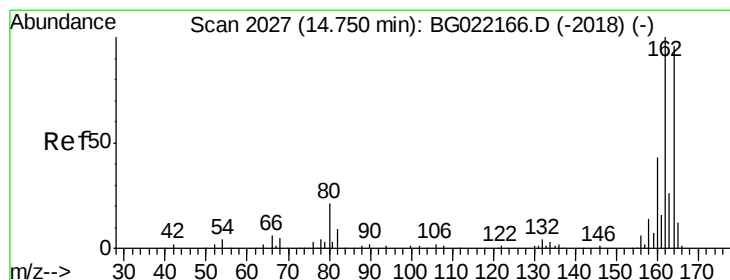
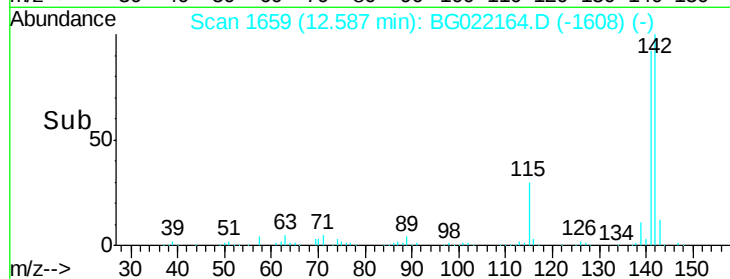
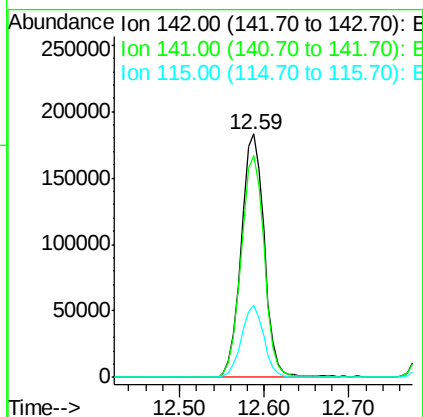
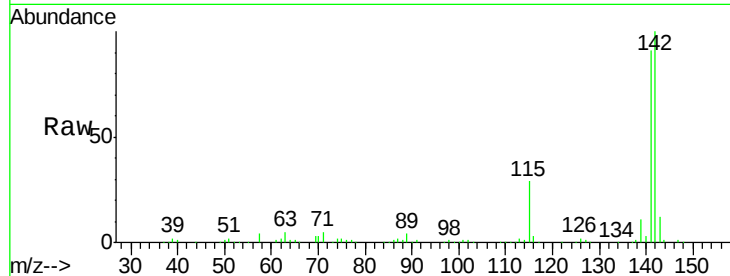




#37
2-Methylnaphthalene
Concen: 60.45 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

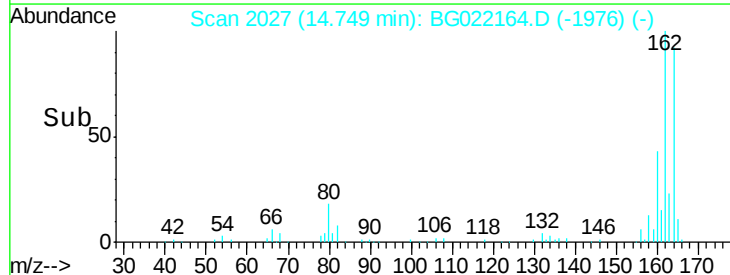
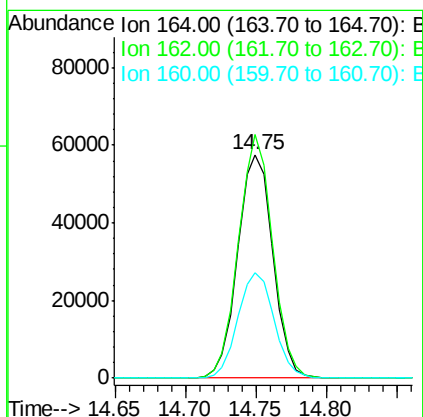
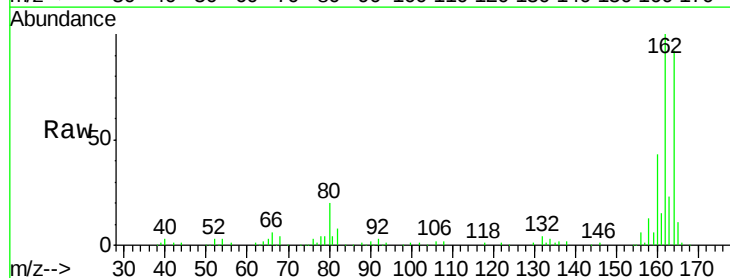
Instrument :
BNA_G
ClientSampled :

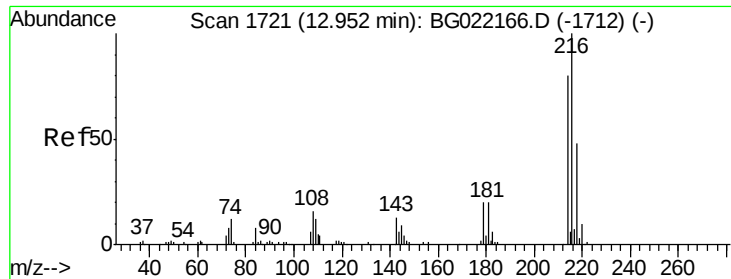
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.0
115	29.4	27.4	41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.0	78.0	117.0
160	47.0	32.9	49.3

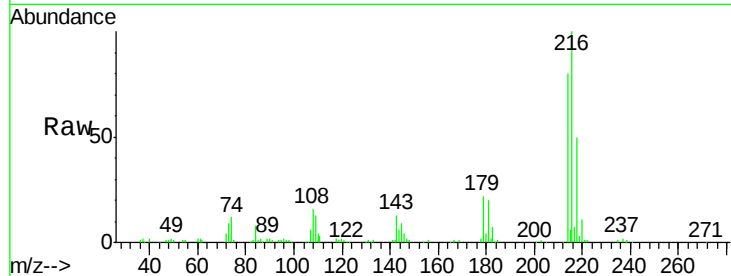




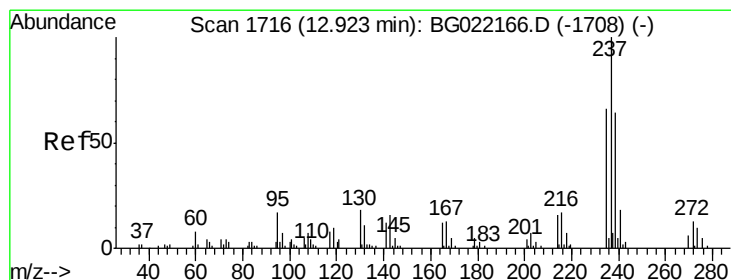
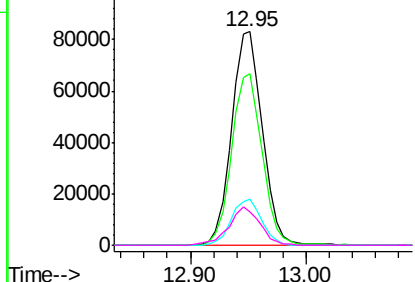
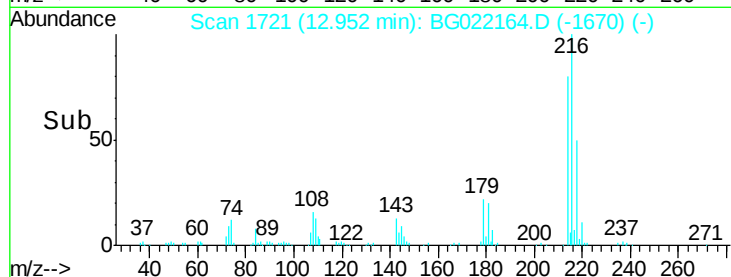
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.69 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216 Resp: 152477
 Ion Ratio Lower Upper
 216 100
 214 79.5 62.2 93.2
 179 21.3 16.7 25.1
 108 18.2 14.0 21.0

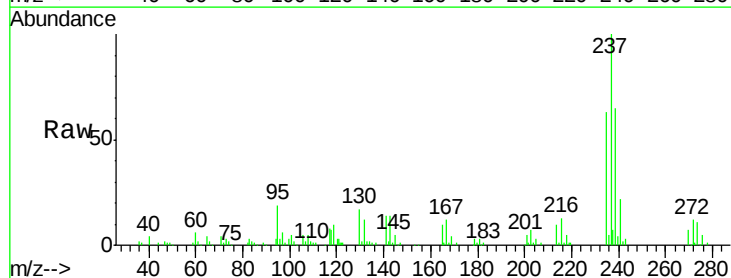


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

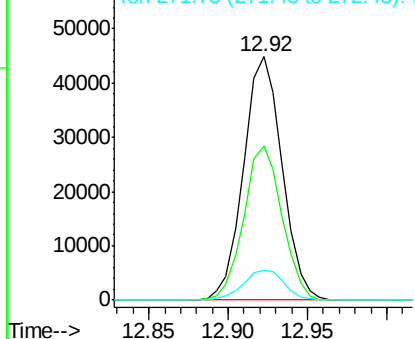
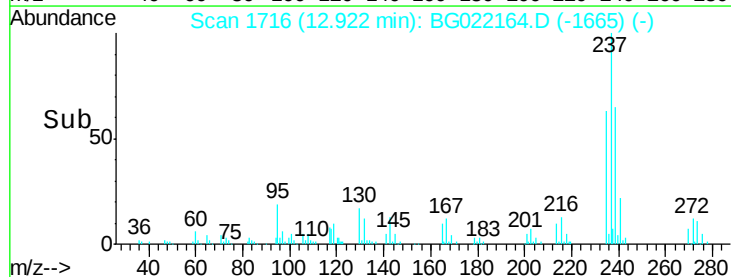


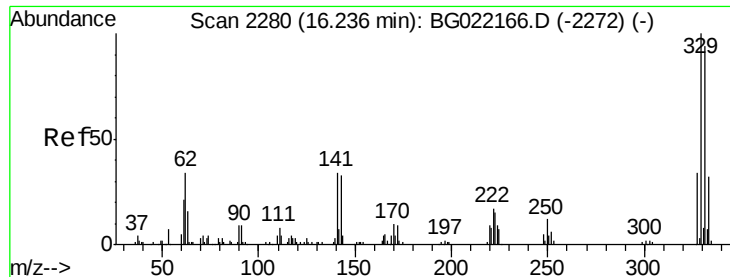
#40
 Hexachlorocyclopentadiene
 Concen: 43.57 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion:237 Resp: 75803
 Ion Ratio Lower Upper
 237 100
 235 63.1 43.2 83.2
 272 12.1 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

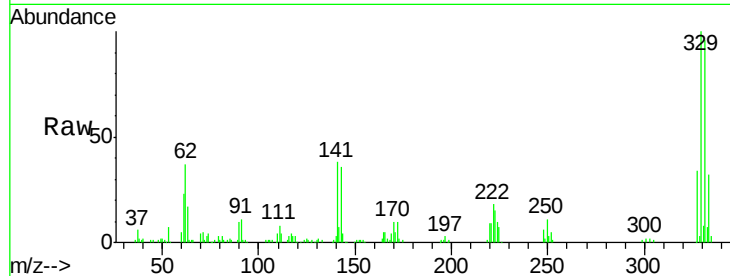




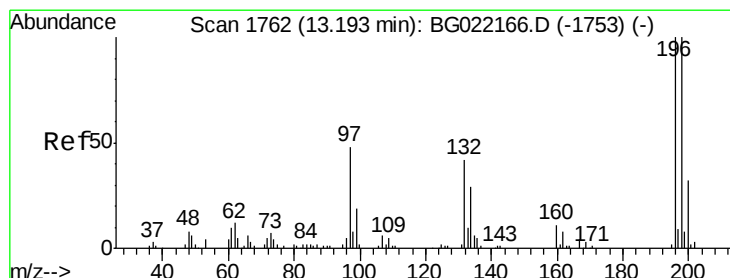
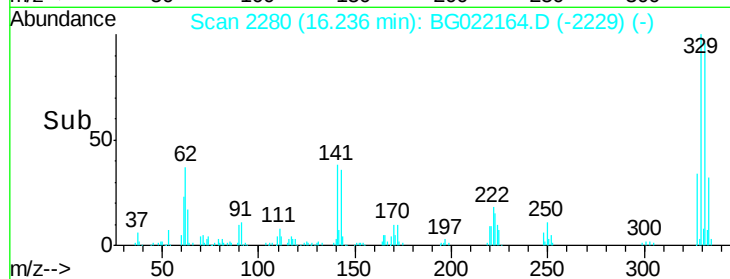
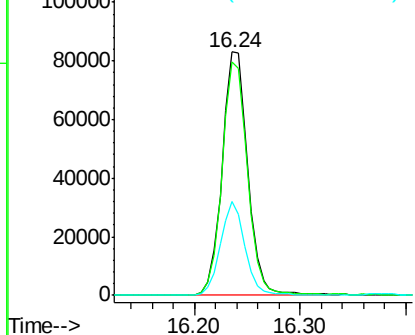
#41
 2,4,6-Tribromophenol
 Concen: 129.79 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	37.0	33.8	50.8

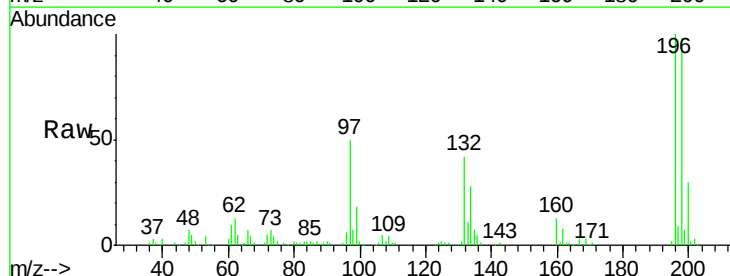


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

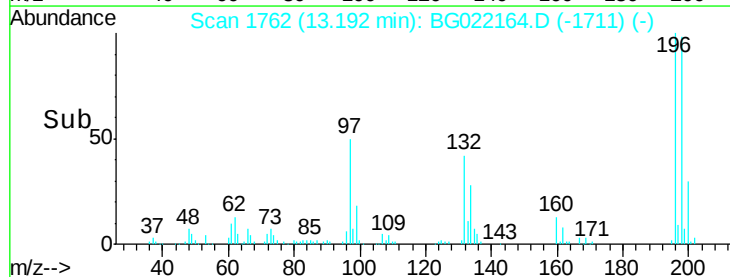
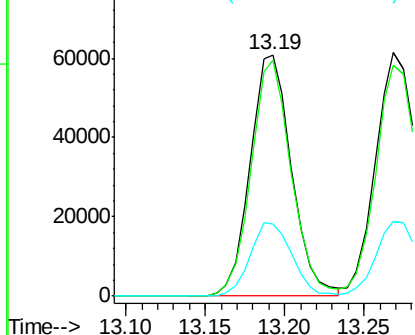


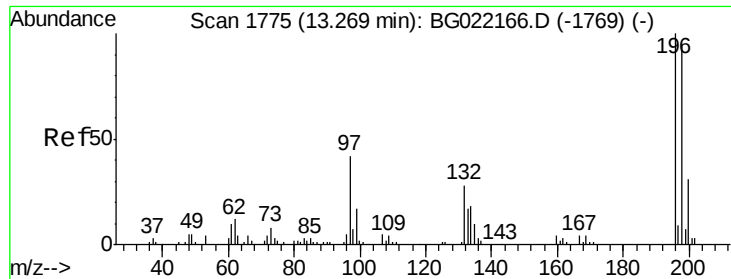
#42
 2,4,6-Trichlorophenol
 Concen: 55.21 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	80.1	120.1
200	30.1	24.1	36.1



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

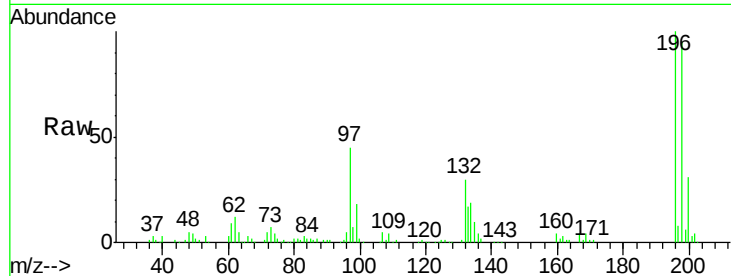




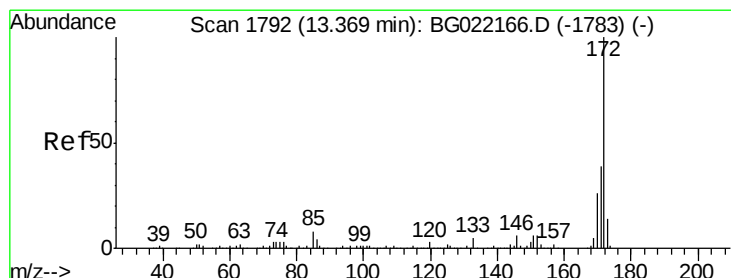
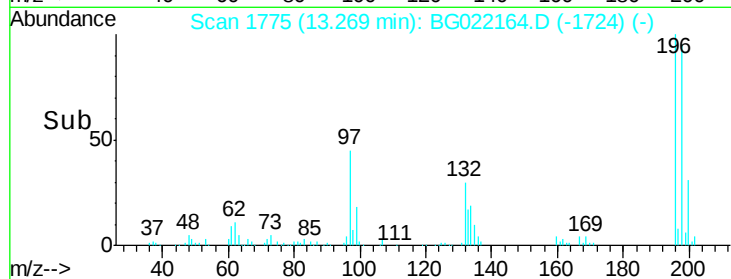
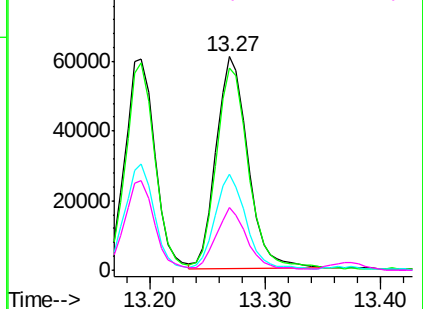
#43
 2,4,5-Trichlorophenol
 Concen: 54.23 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	116864
Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.0	117.0
97	45.1	43.0	64.6
132	29.6	23.0	34.4

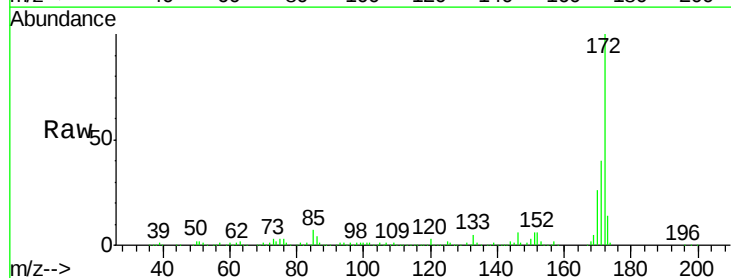


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

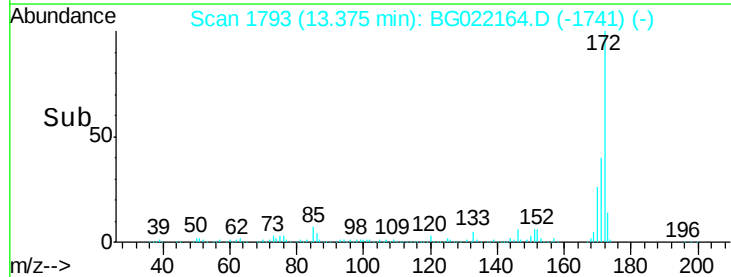
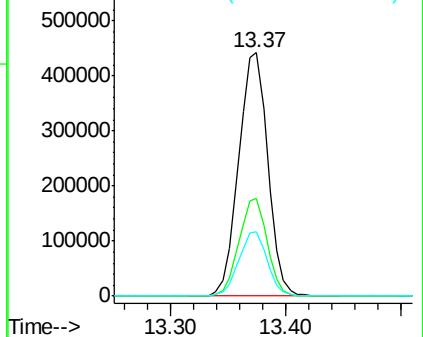


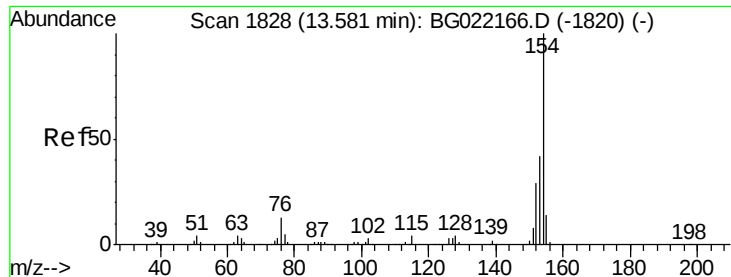
#44
 2-Fluorobiphenyl
 Concen: 113.01 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion:	172	Resp:	772900
Ion	Ratio	Lower	Upper
172	100		
171	39.9	27.8	41.6
170	26.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

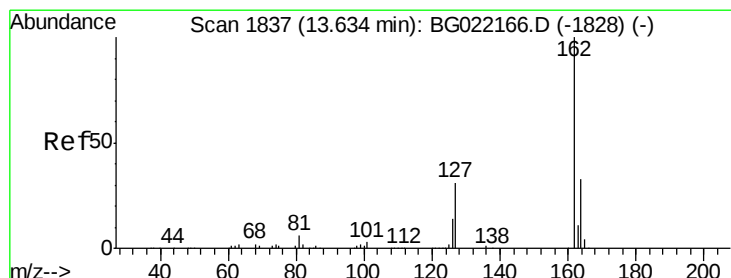
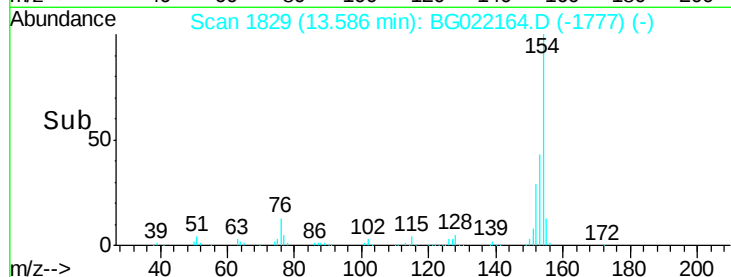
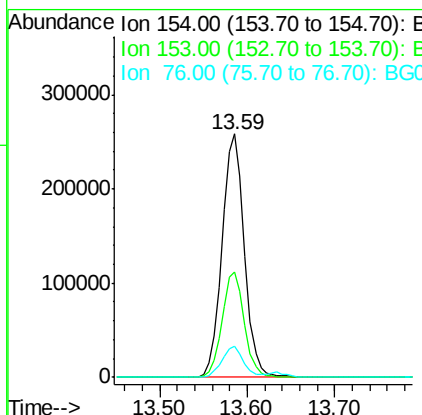
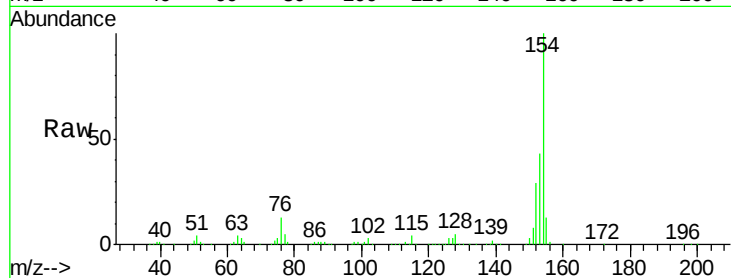




#45
 1,1'-Biphenyl
 Concen: 53.77 ng
 RT: 13.59 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

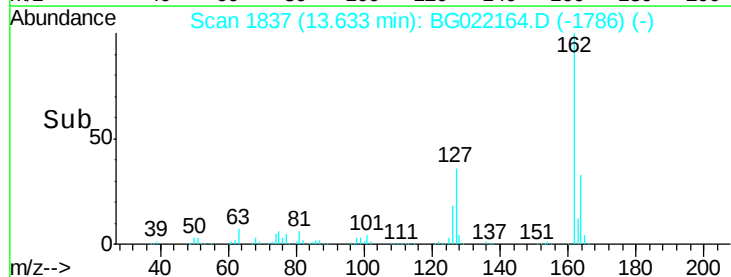
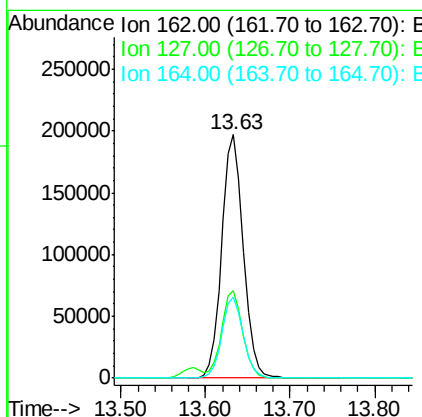
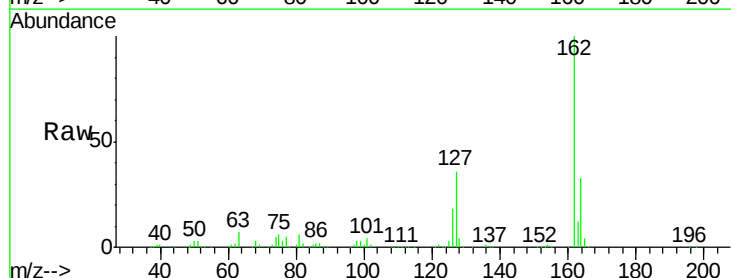
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.3	19.7	59.7
76	12.7	0.0	33.0



#46
 2-Chloronaphthalene
 Concen: 55.66 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.1	32.0	48.0
164	33.3	27.0	40.4

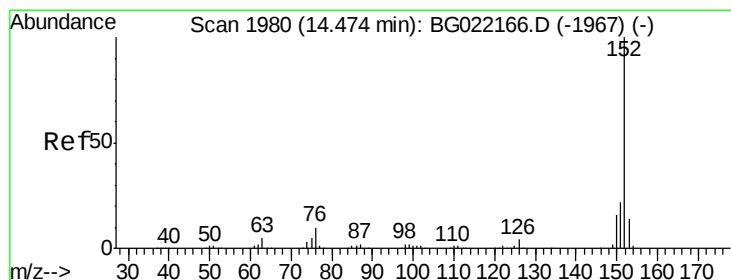
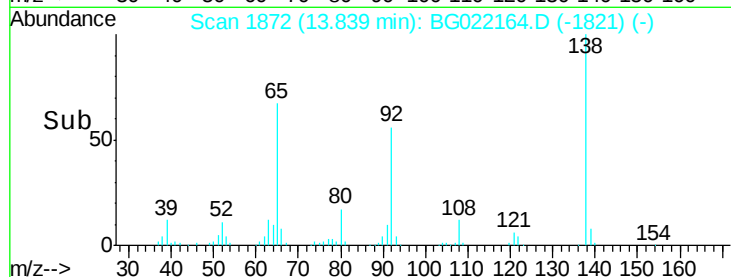
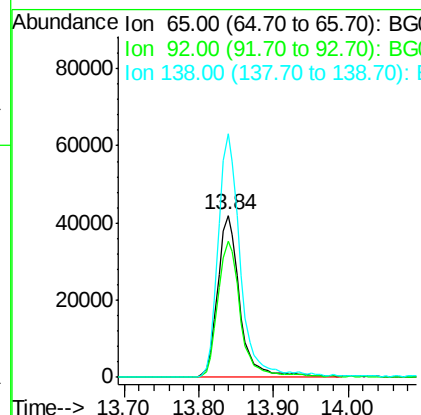
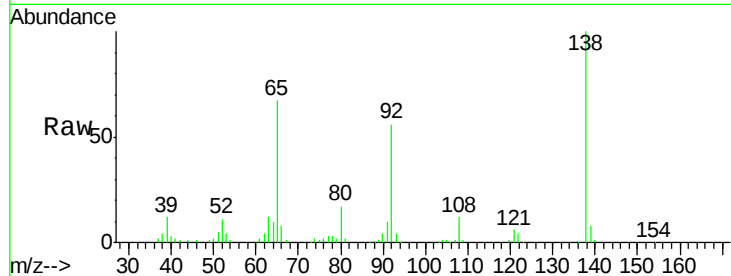




#47
 2-Nitroaniline
 Concen: 40.47 ng
 RT: 13.84 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

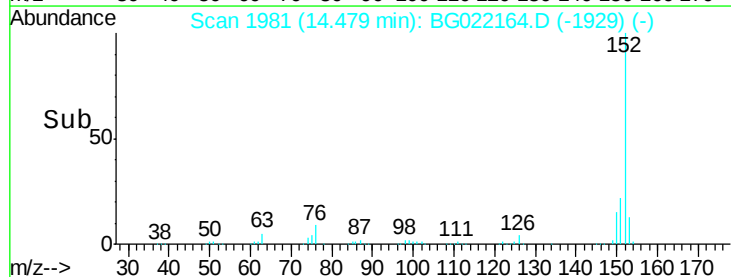
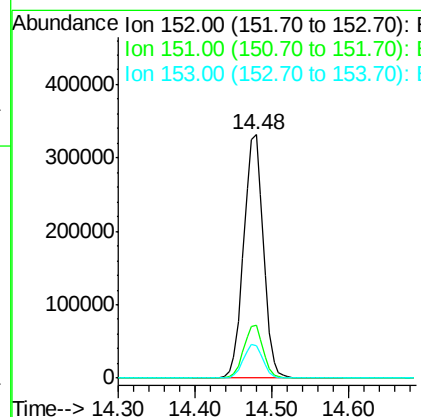
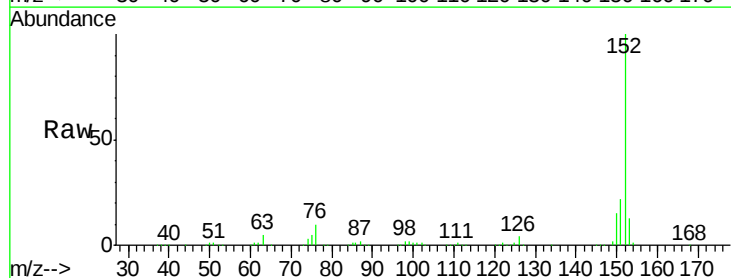
Instrument :
 BNA_G
 ClientSampleId :

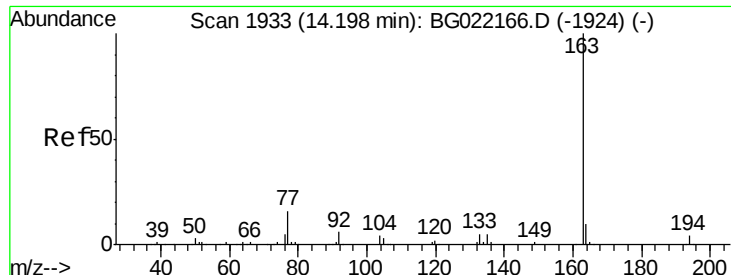
Tot Ion	Ratio	Lower	Upper
65	100		
92	84.3	49.2	73.8#
138	150.3	75.0	112.6#



#48
 Acenaphthylene
 Concen: 57.94 ng
 RT: 14.48 min Scan# 1981
 Delta R.T. 0.01 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.6	24.8
153	13.2	10.2	15.2





#49

Dimethylphthalate

Concen: 55.08 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

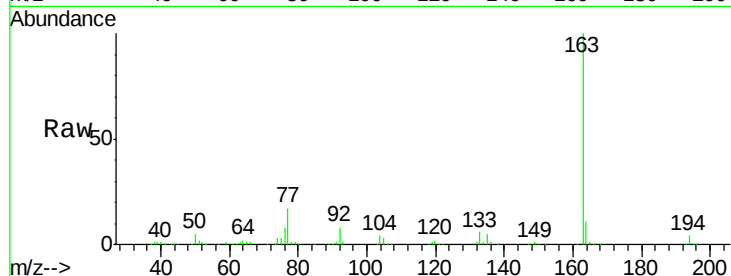
Tot Ion:163 Resp: 477256

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

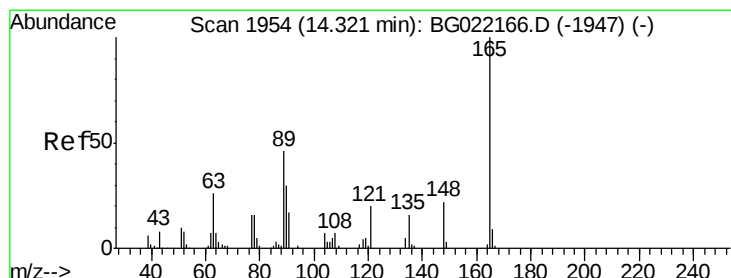
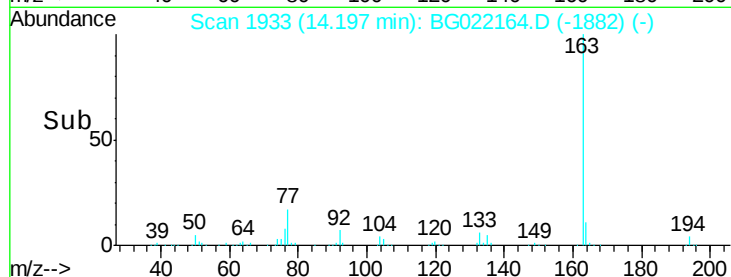
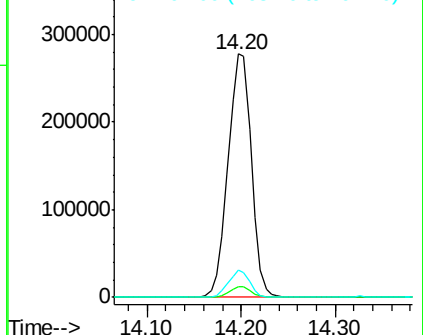
164 11.3 8.1 12.1



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: 67.11 ng

RT: 14.33 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

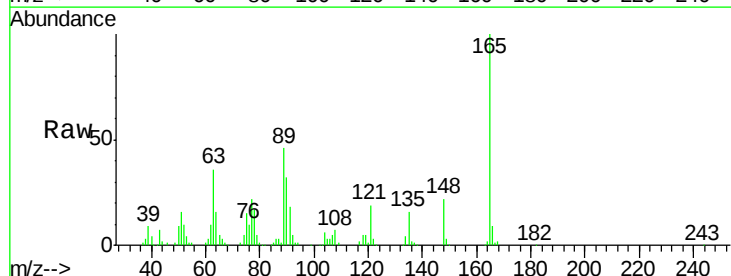
Tgt Ion:165 Resp: 110874

Ion Ratio Lower Upper

165 100

63 36.1 48.2 72.4#

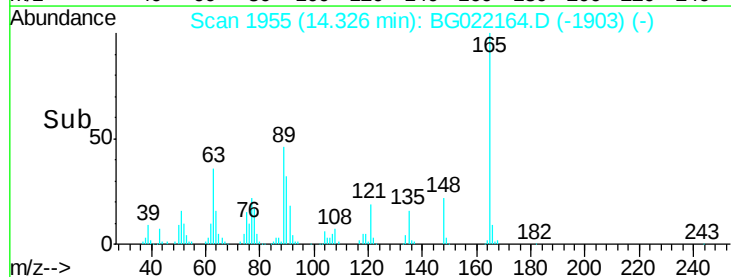
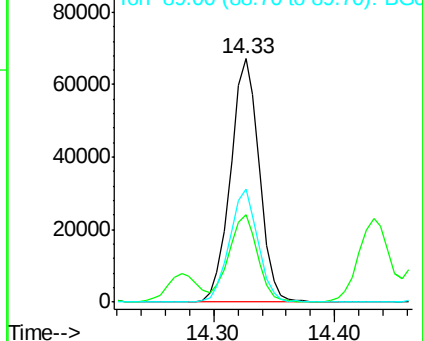
89 46.5 45.3 67.9

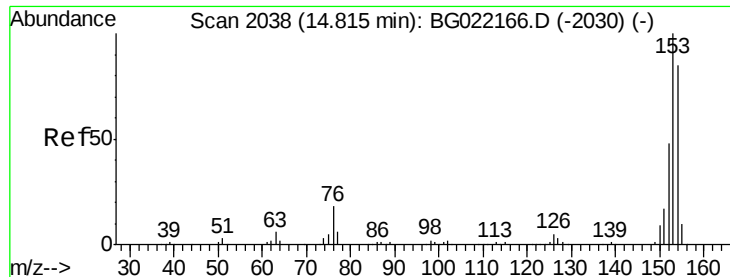


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 53.88 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

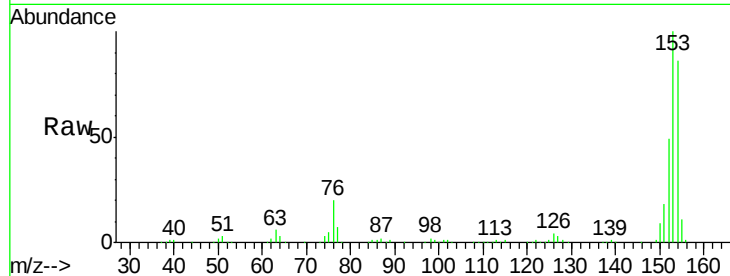
Tot Ion:154 Resp: 355478

Ion Ratio Lower Upper

154 100

153 116.2 91.9 137.9

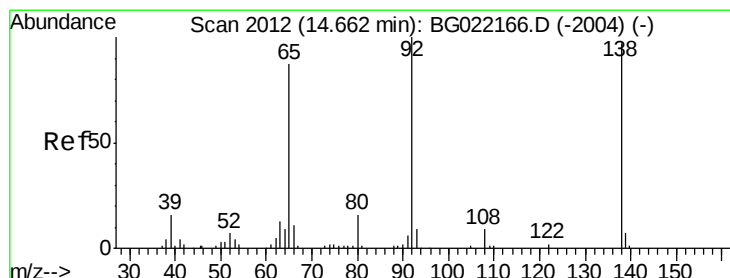
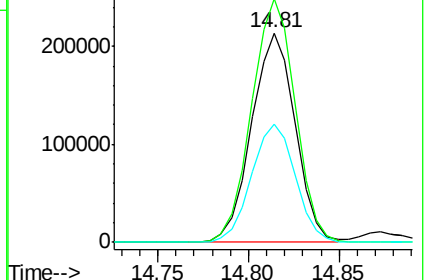
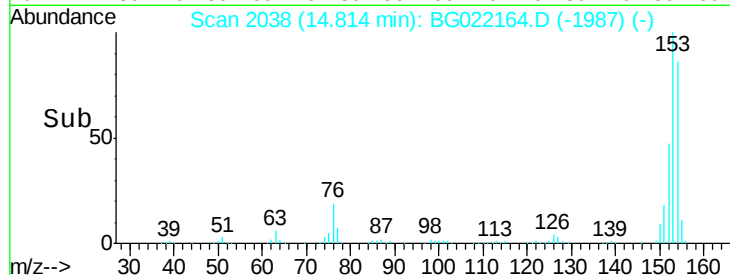
152 56.7 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 66.92 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

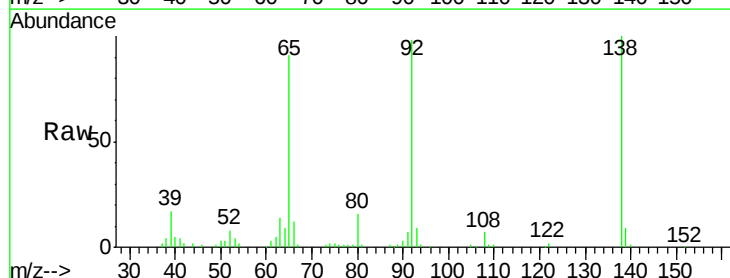
Tgt Ion:138 Resp: 122600

Ion Ratio Lower Upper

138 100

108 6.6 9.1 13.7#

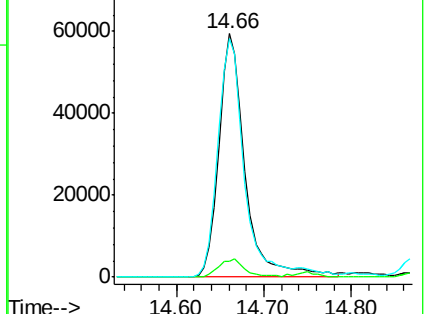
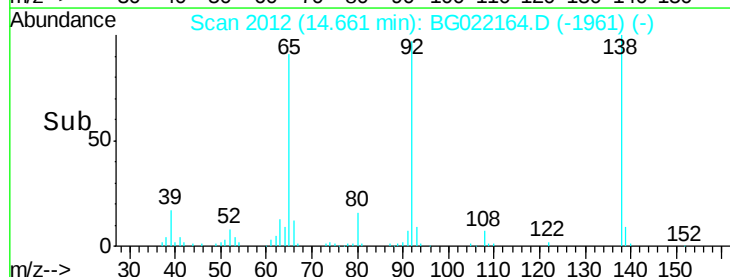
92 97.9 102.6 154.0#

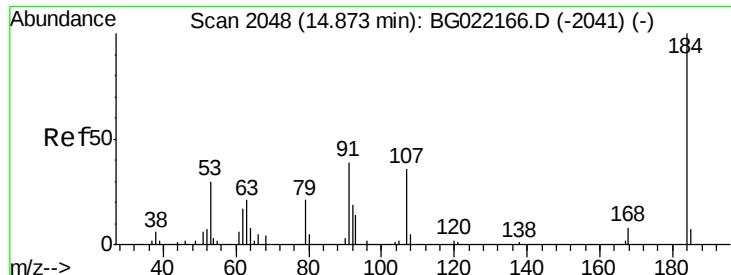


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

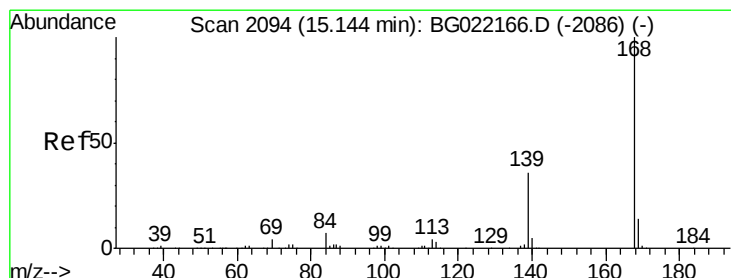
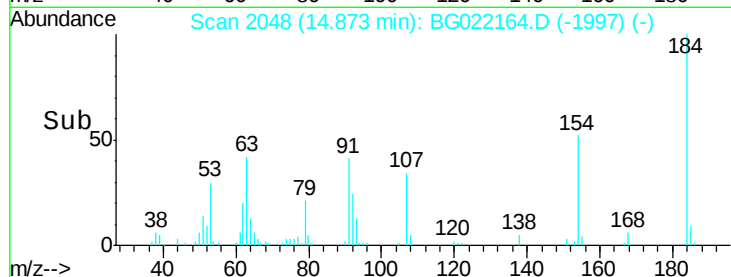
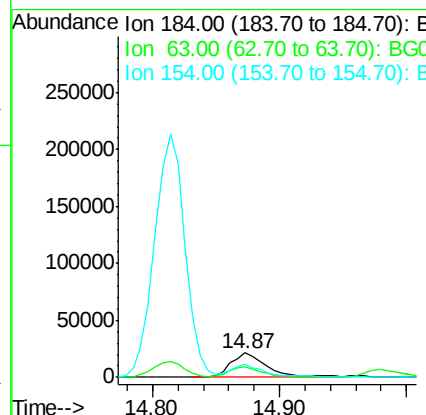
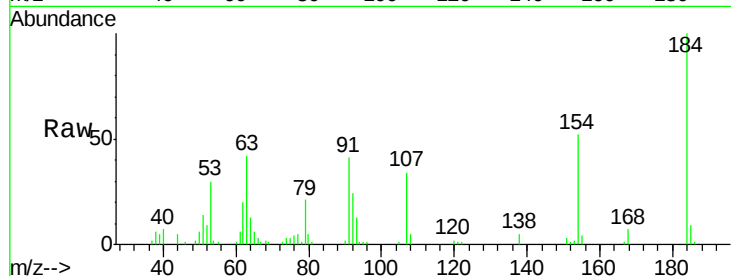




#53
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

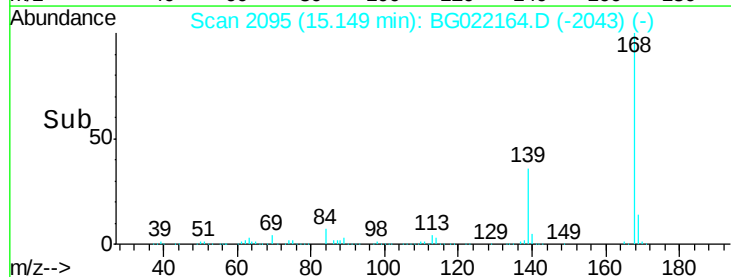
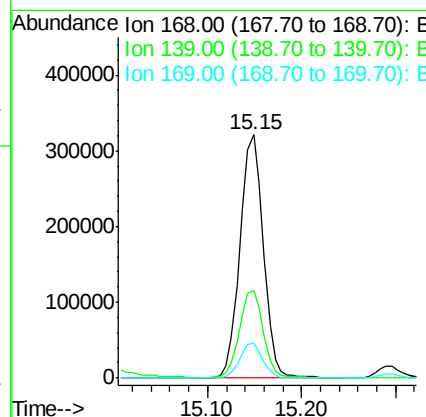
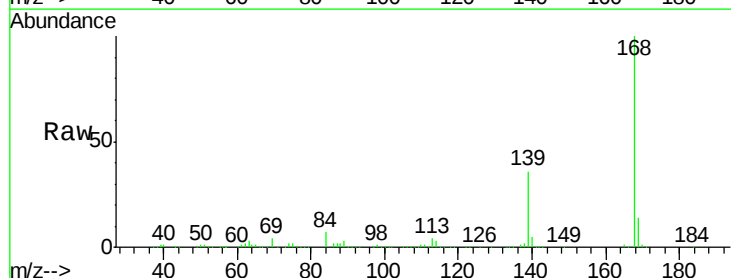
Instrument :
BNA_G
ClientSampleId :

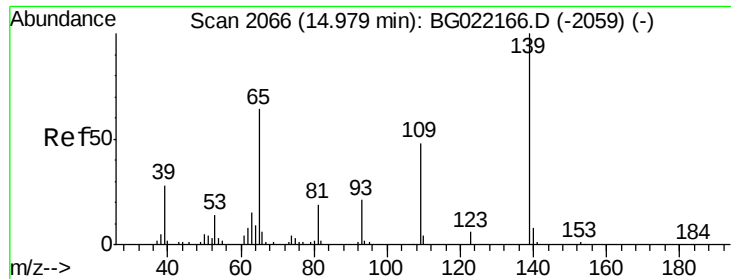
Tot Ion:184 Resp: 42234
Ion Ratio Lower Upper
184 100
63 41.8 57.3 85.9#
154 52.1 55.2 82.8#



#54
Dibenzofuran
Concen: 61.80 ng
RT: 15.15 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:168 Resp: 556721
Ion Ratio Lower Upper
168 100
139 35.7 31.1 46.7
169 14.4 11.0 16.6

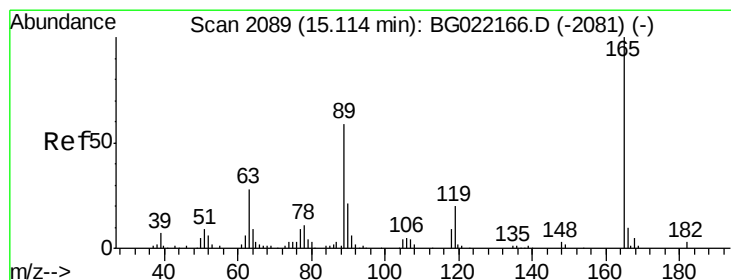
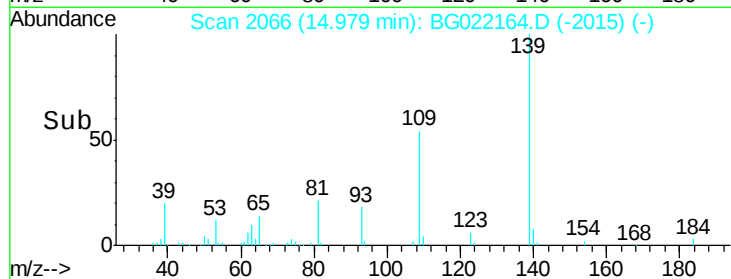
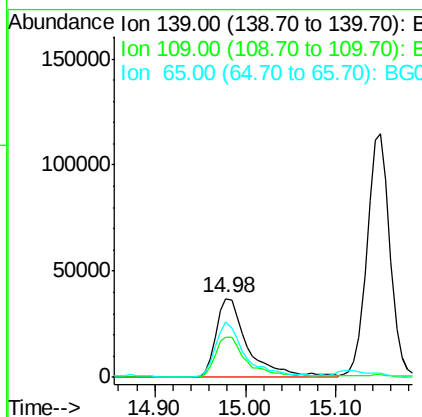
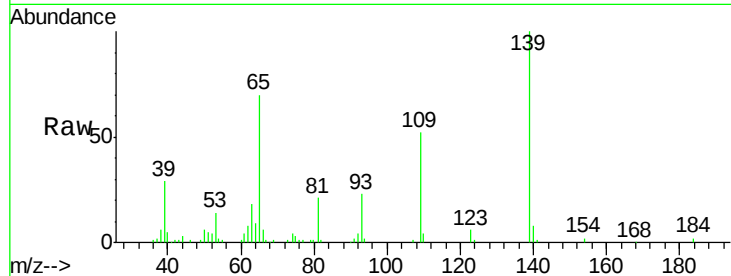




#55
4-Nitrophenol
Concen: 57.67 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

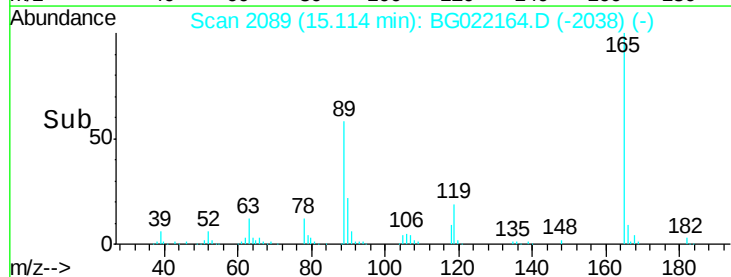
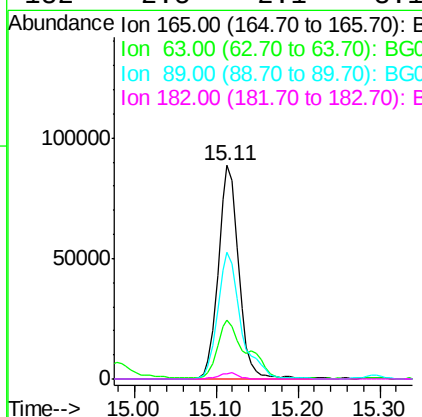
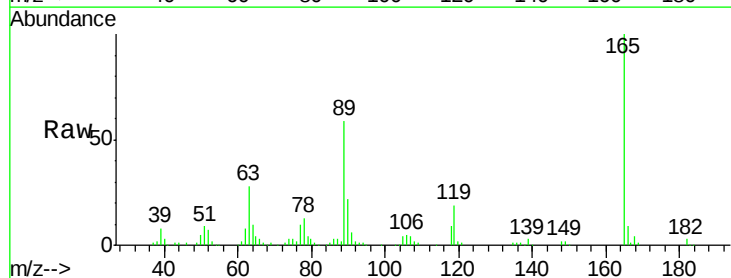
Instrument :
BNA_G
ClientSampleId :

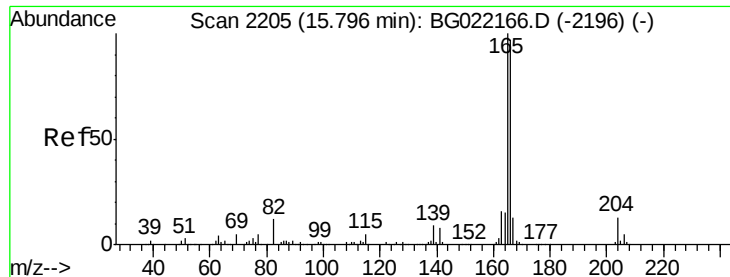
Tot Ion:139 Resp: 90470
Ion Ratio Lower Upper
139 100
109 51.7 49.2 89.2
65 69.8 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 69.02 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:165 Resp: 154103
Ion Ratio Lower Upper
165 100
63 27.9 37.4 56.0#
89 59.3 59.4 89.0#
182 2.5 2.1 3.1





#57

Fluorene

Concen: 59.74 ng

RT: 15.80 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

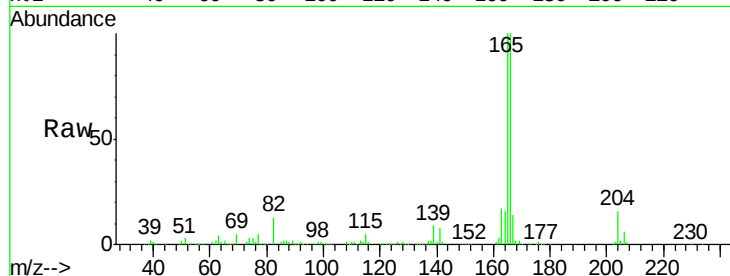
Tot Ion:166 Resp: 480663

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.4

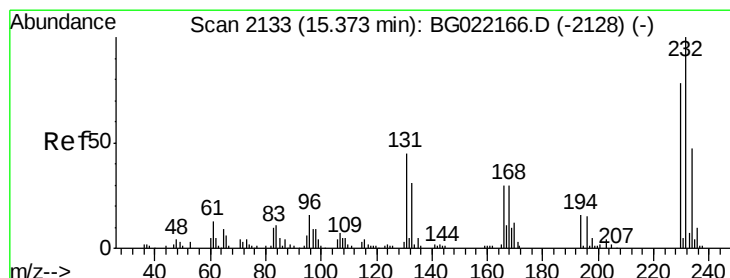
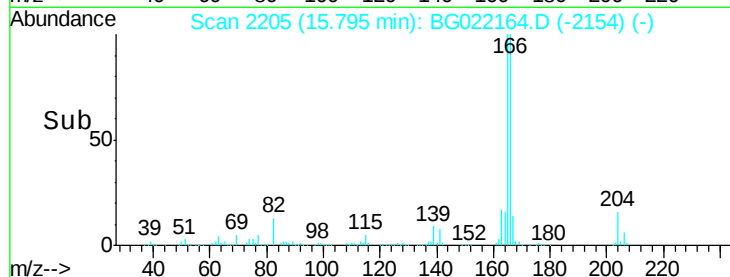
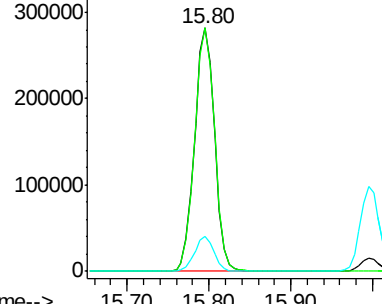
167 14.1 10.7 16.1



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: 57.16 ng

RT: 15.37 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Tgt Ion:232 Resp: 102192

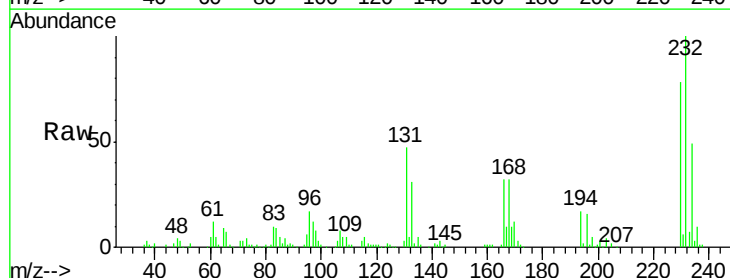
Ion Ratio Lower Upper

232 100

131 48.8 36.3 54.5

130 2.5 1.9 2.9

166 32.0 25.0 37.4

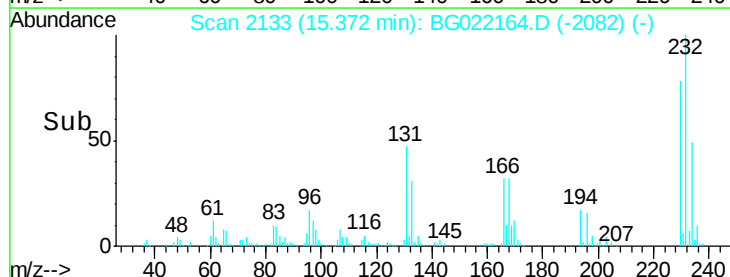
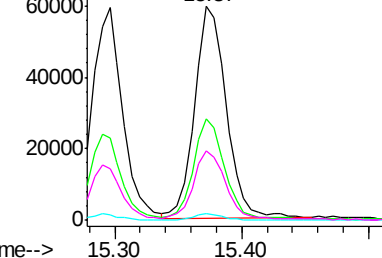


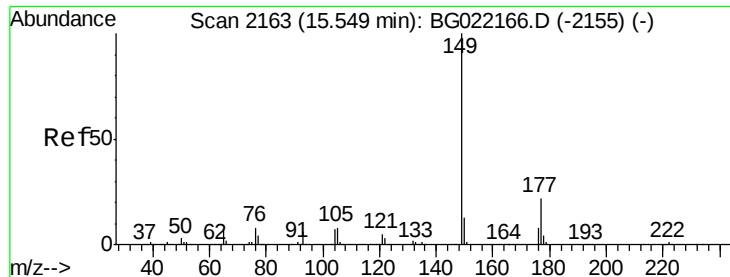
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

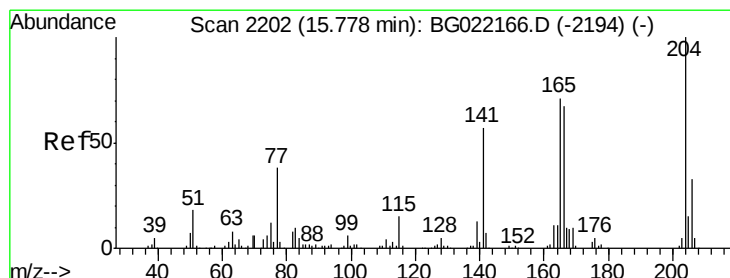
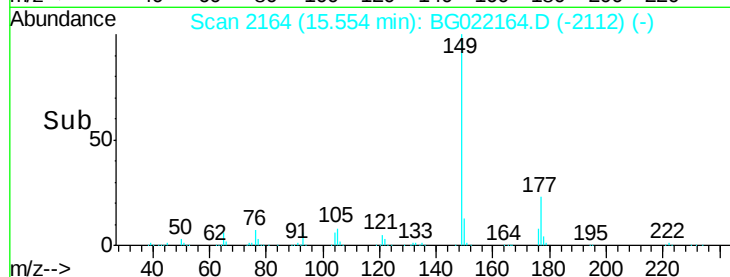
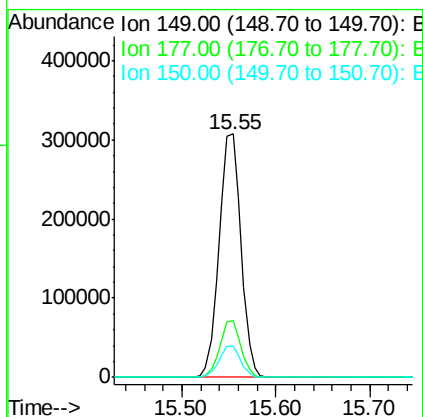
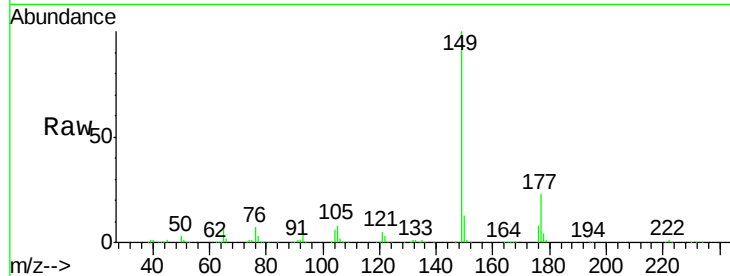




#59
Diethylphthalate
Concen: 55.24 ng
RT: 15.55 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

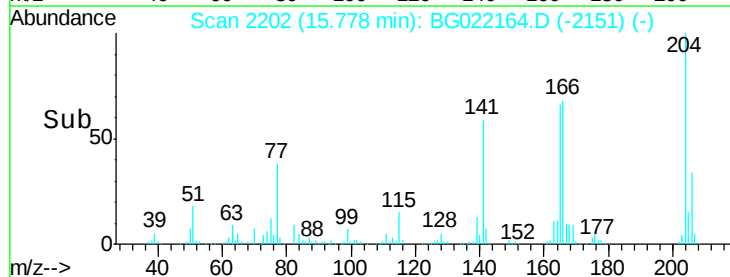
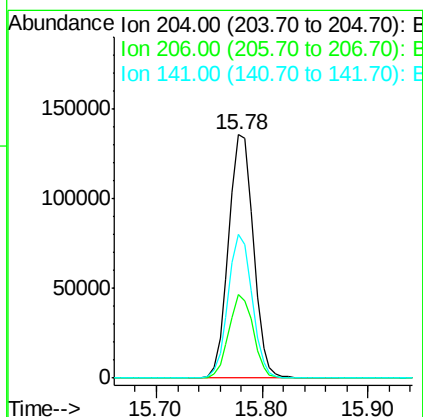
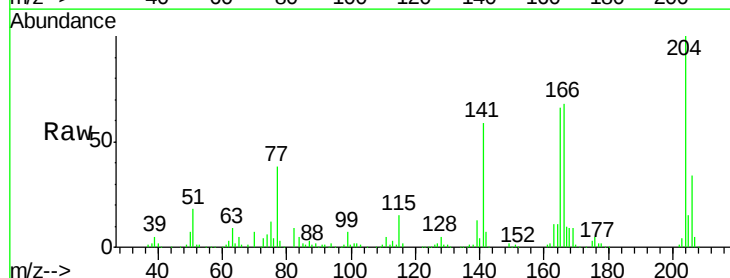
Instrument :
BNA_G
ClientSampled :

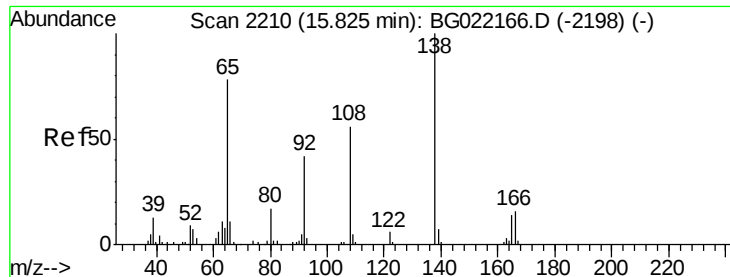
Tot Ion:149 Resp: 499554
Ion Ratio Lower Upper
149 100
177 23.2 17.3 25.9
150 12.7 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 55.66 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:204 Resp: 220571
Ion Ratio Lower Upper
204 100
206 34.1 27.8 41.8
141 58.9 51.0 76.4





#61

4-Nitroaniline

Concen: 61.73 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampled :

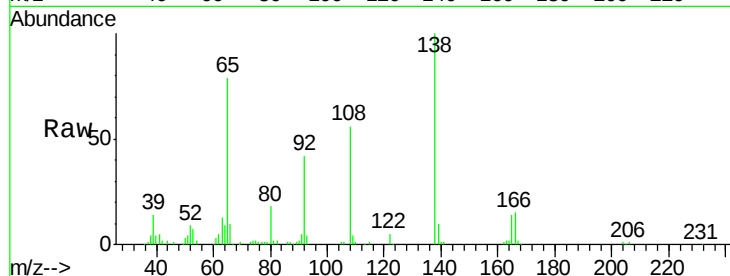
Tot Ion:138 Resp: 124455

Ion Ratio Lower Upper

138 100

92 42.1 37.7 77.7

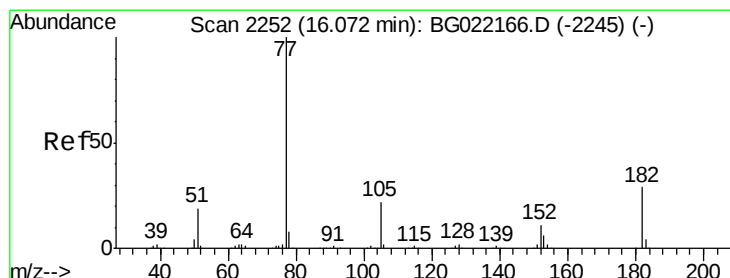
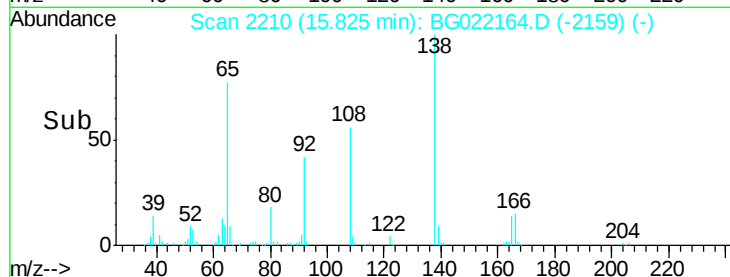
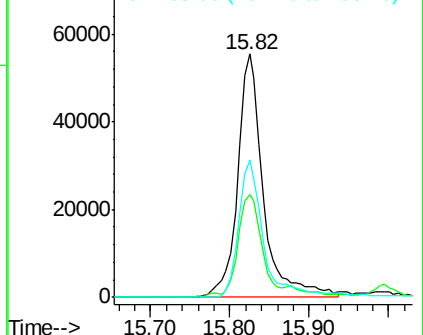
108 56.4 59.4 99.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.74 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Tgt Ion: 77 Resp: 393223

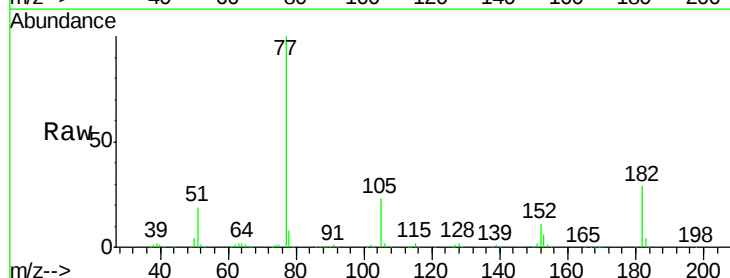
Ion Ratio Lower Upper

77 100

182 28.6 4.1 44.1

105 22.6 0.0 39.8

51 18.9 11.1 51.1

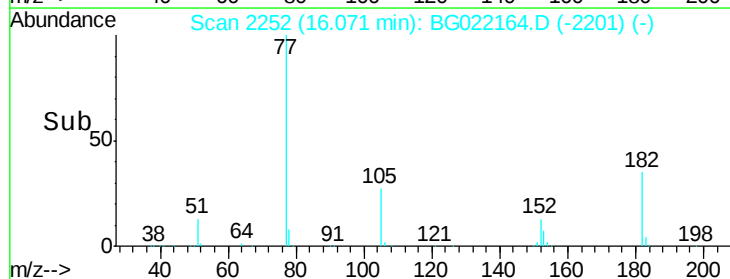
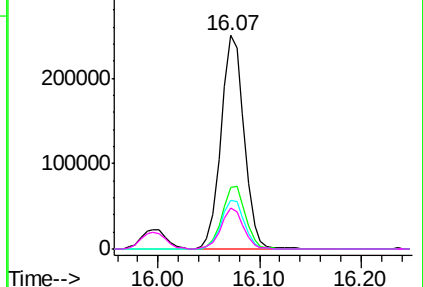


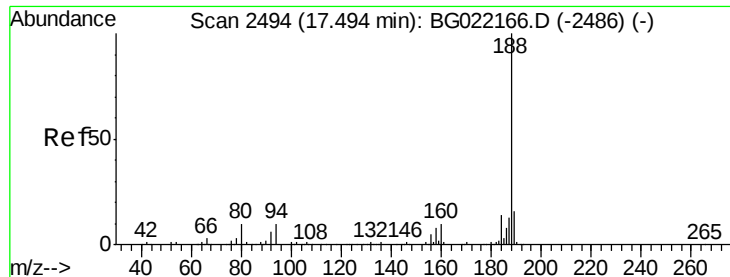
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

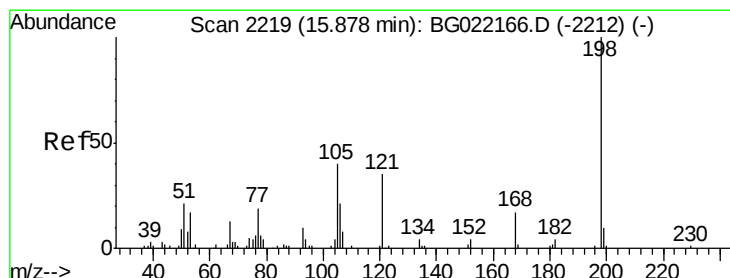
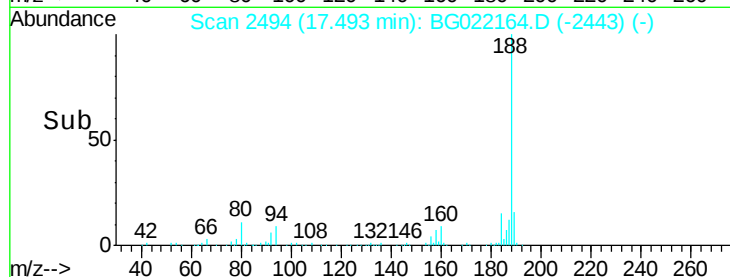
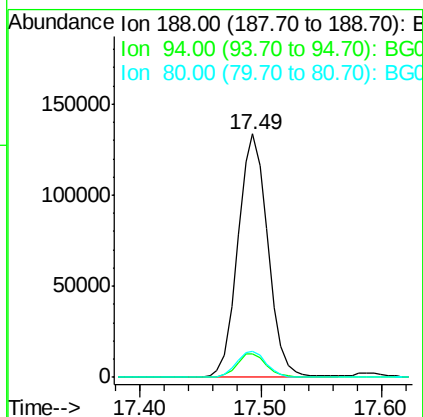
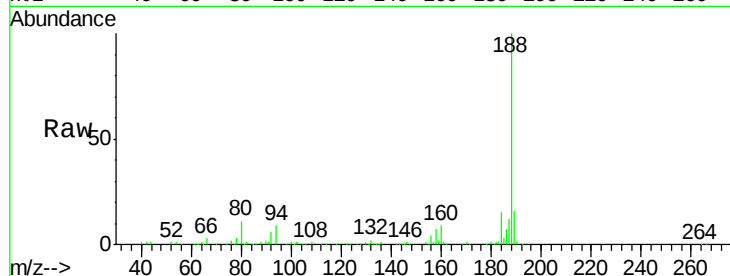




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

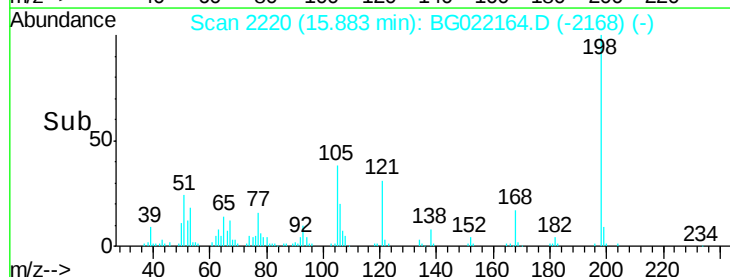
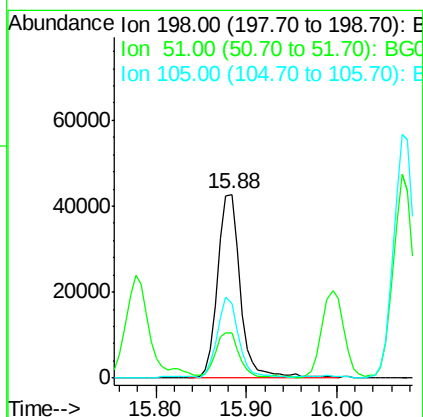
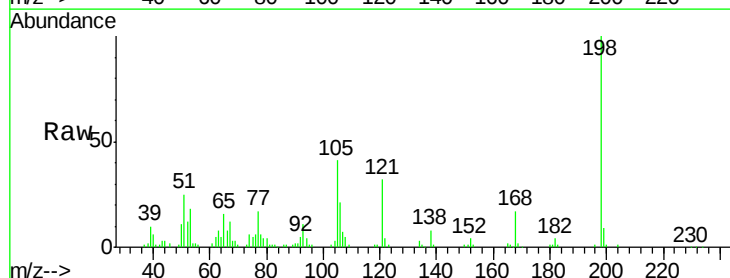
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 230787
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.6 8.6 13.0



#64
4,6-Dinitro-2-methylphenol
Concen: 83.43 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:198 Resp: 74323
Ion Ratio Lower Upper
198 100
51 24.6 29.2 69.2#
105 40.6 24.0 64.0





#65

n-Nitrosodiphenylamine

Concen: 59.18 ng

RT: 16.00 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

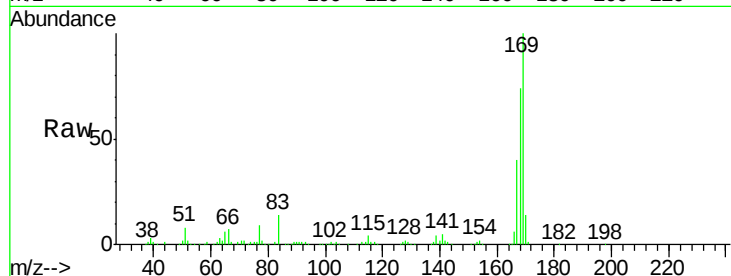
Tot Ion:169 Resp: 409614

Ion Ratio Lower Upper

169 100

168 73.7 59.6 89.4

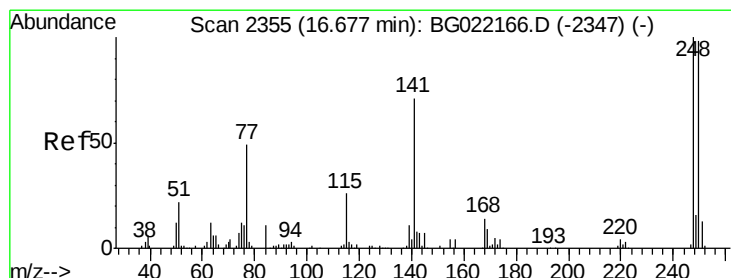
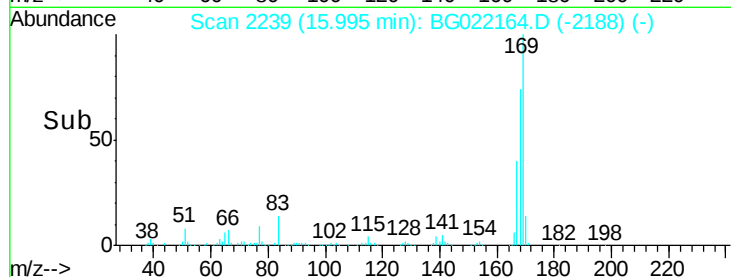
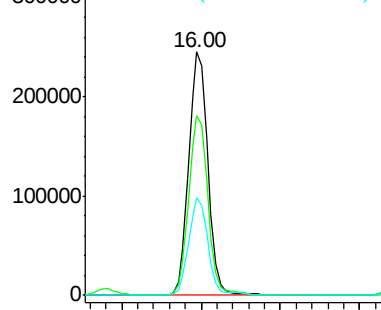
167 39.9 31.2 46.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.53 ng

RT: 16.68 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

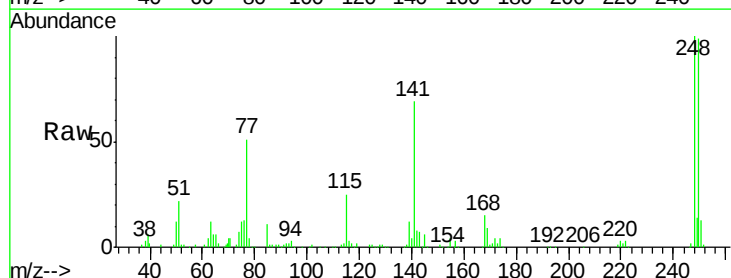
Tgt Ion:248 Resp: 134838

Ion Ratio Lower Upper

248 100

250 98.6 76.6 114.8

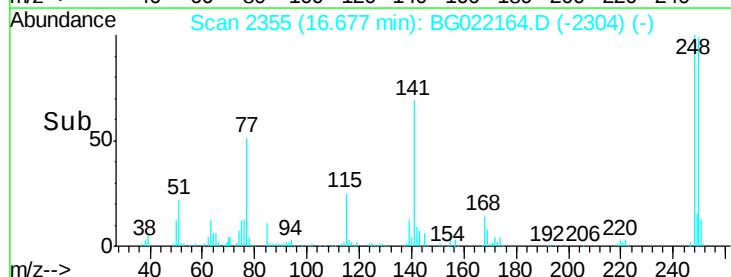
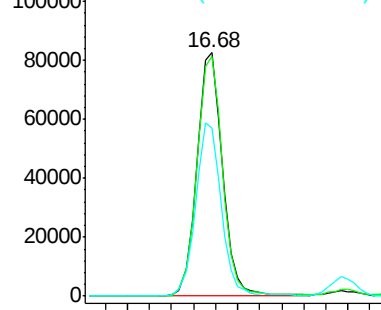
141 69.3 63.8 95.6

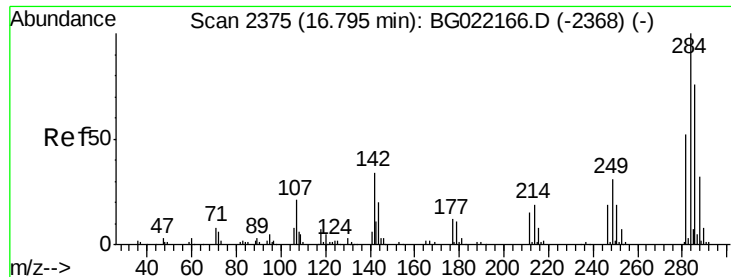


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

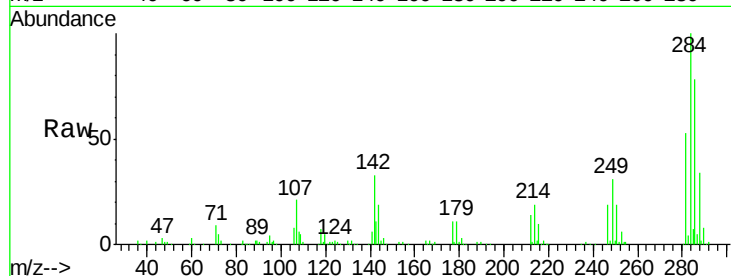




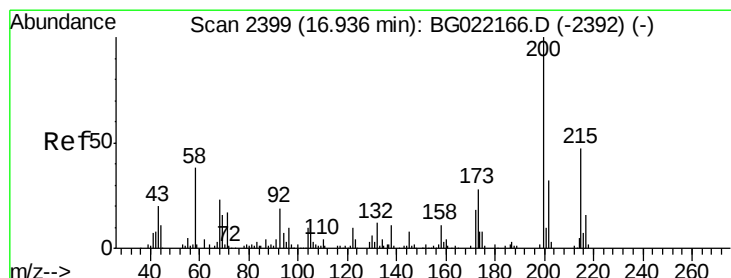
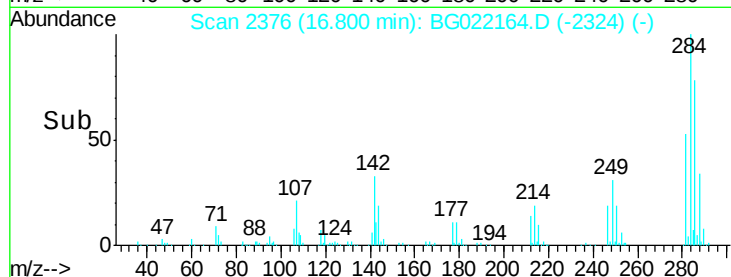
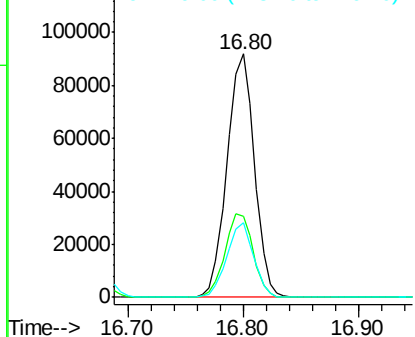
#67
Hexachlorobenzene
Concen: 57.71 ng
RT: 16.80 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 150632
Ion Ratio Lower Upper
284 100
142 33.4 31.8 47.6
249 33.2 27.3 40.9

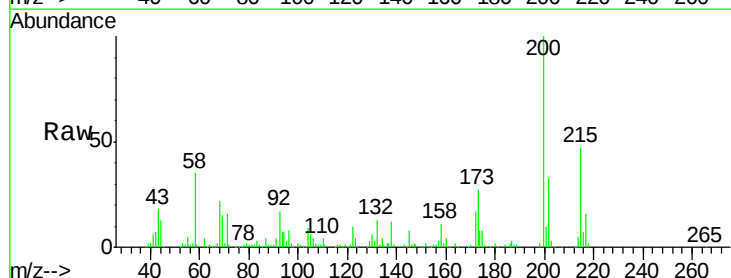


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

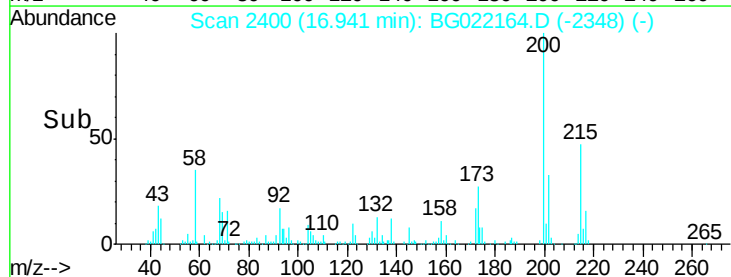
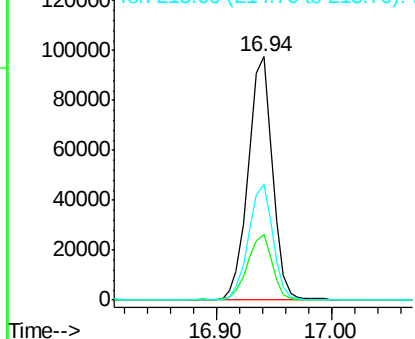


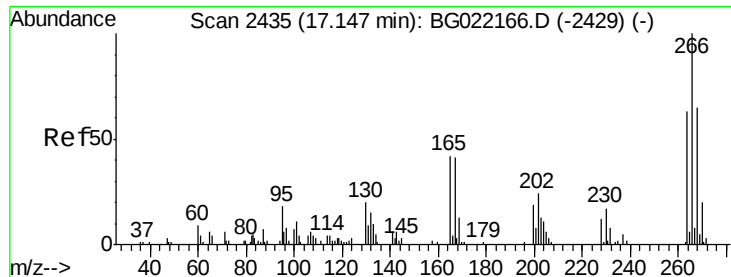
#68
Atrazine
Concen: 52.48 ng
RT: 16.94 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:200 Resp: 143454
Ion Ratio Lower Upper
200 100
173 27.2 5.1 45.1
215 47.2 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

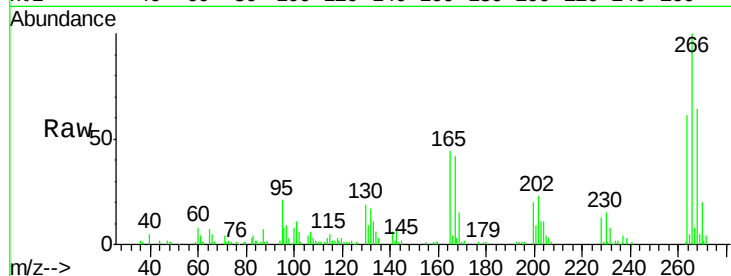




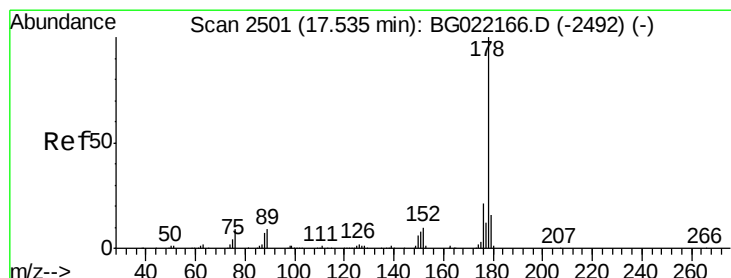
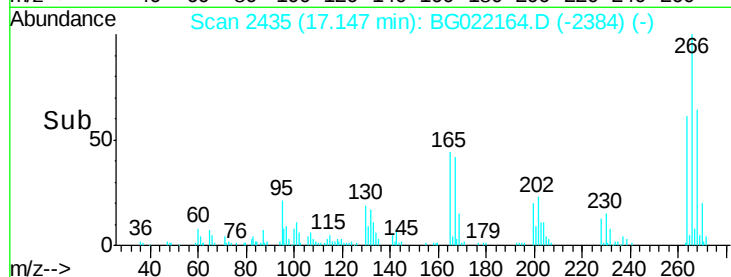
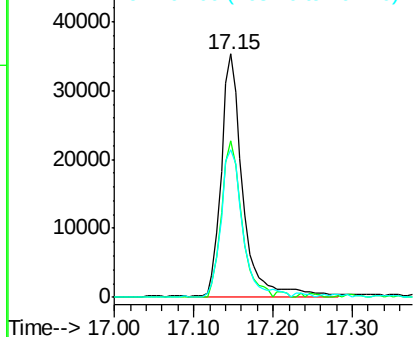
#69
 Pentachlorophenol
 Concen: 45.15 ng
 RT: 17.15 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.7	54.5	81.7
264	65.7	53.8	80.6

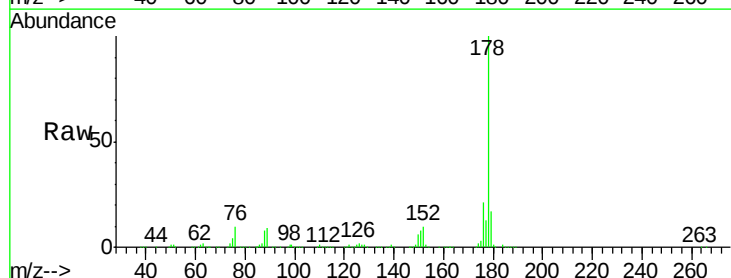


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

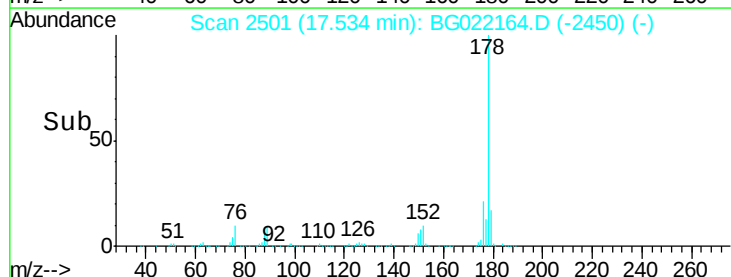
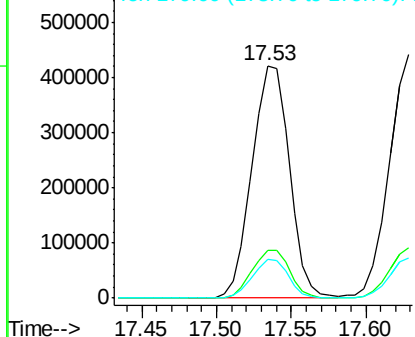


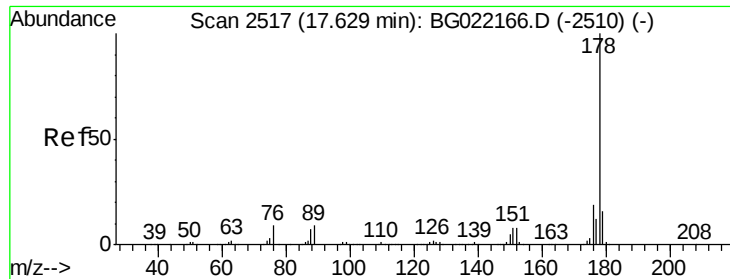
#70
 Phenanthrene
 Concen: 57.68 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.7	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

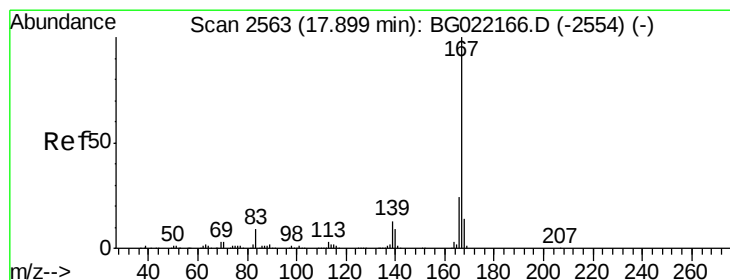
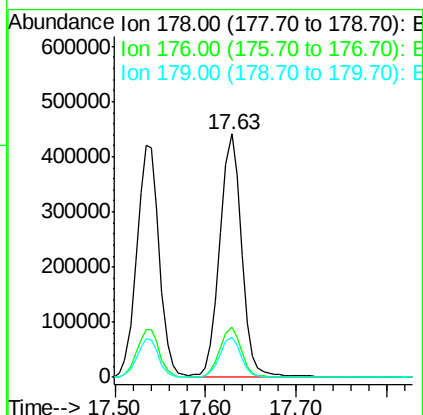
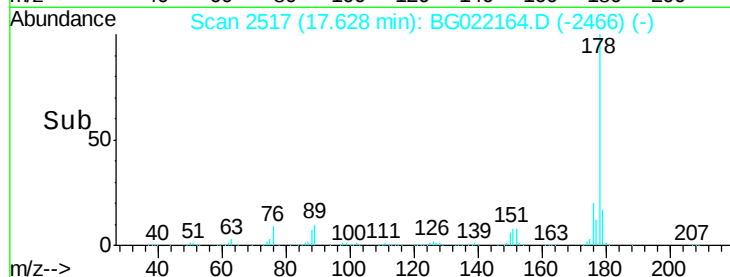
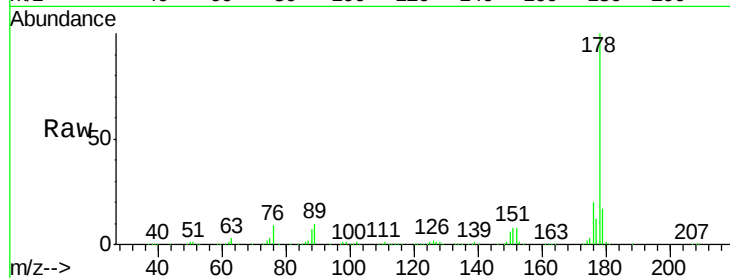




#71
 Anthracene
 Concen: 56.98 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

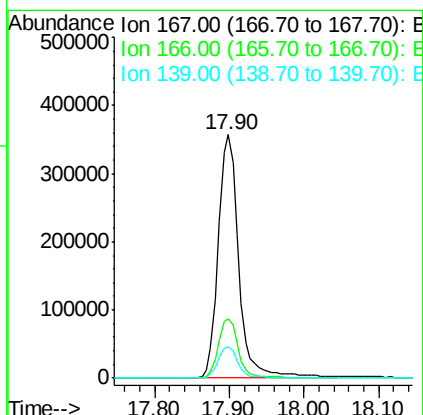
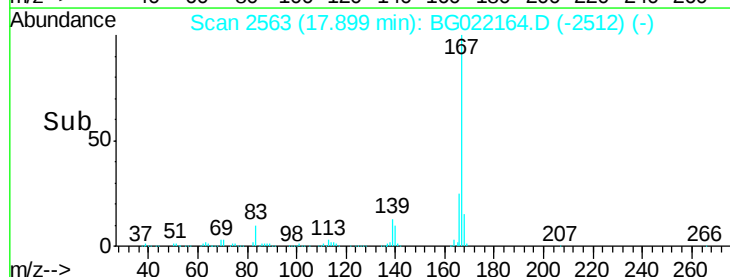
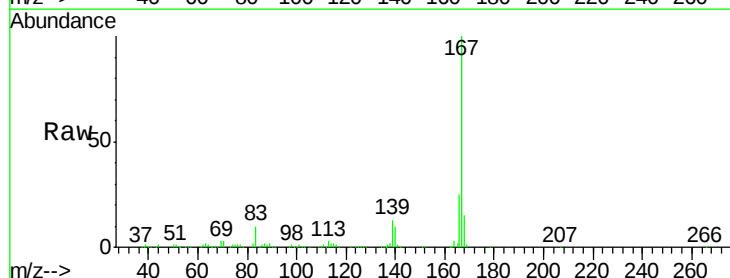
Instrument :
 BNA_G
 ClientSampled :

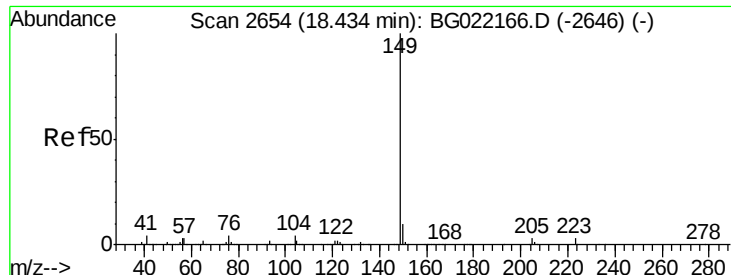
Tot Ion:178 Resp: 735742
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.0 22.4
 179 16.7 12.2 18.4



#72
 Carbazole
 Concen: 56.79 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion:167 Resp: 684456
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.6 27.8
 139 12.9 10.6 15.8

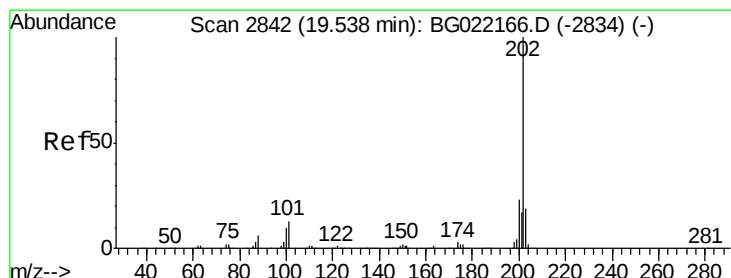
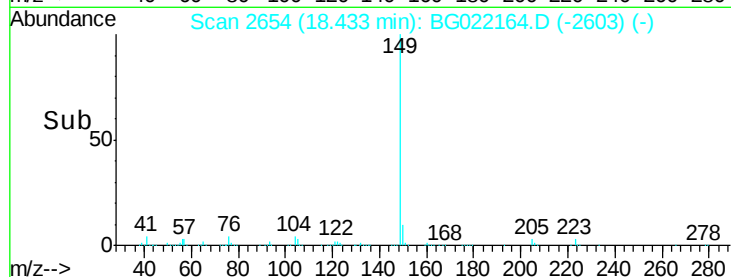
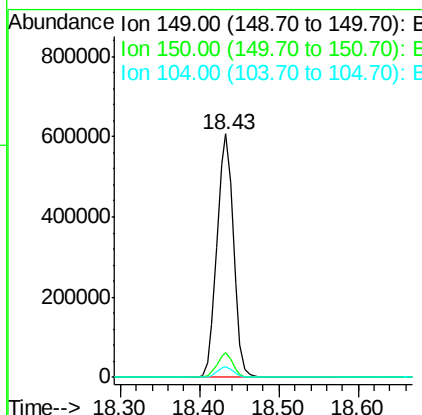
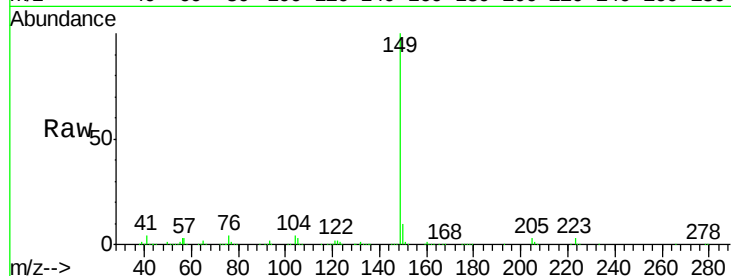




#73
Di-n-butylphthalate
Concen: 57.12 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

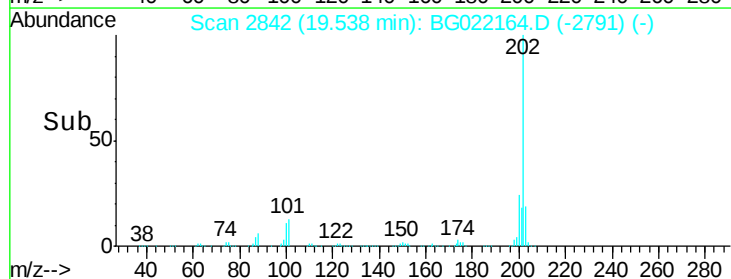
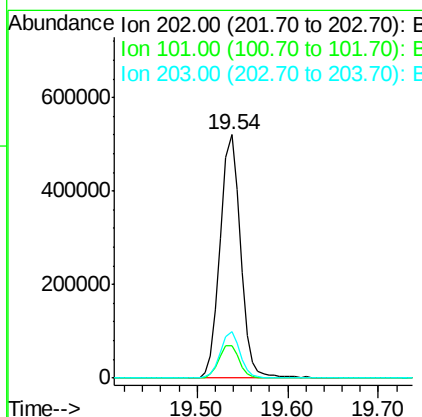
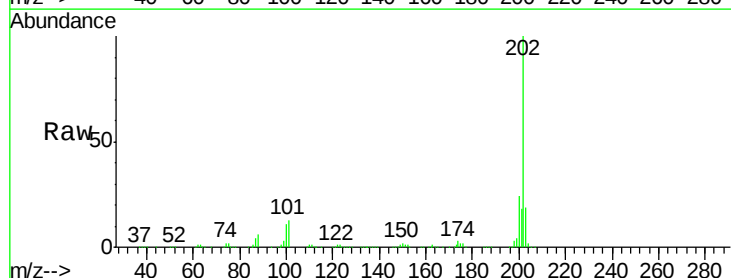
Instrument :
BNA_G
ClientSampleId :

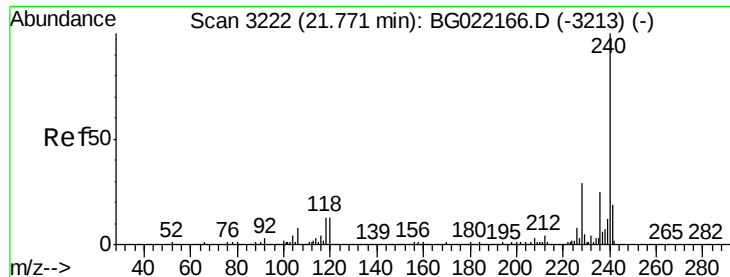
Tot Ion:149 Resp: 875689
Ion Ratio Lower Upper
149 100
150 10.3 7.4 11.0
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 53.58 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:202 Resp: 813742
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.0
203 19.0 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

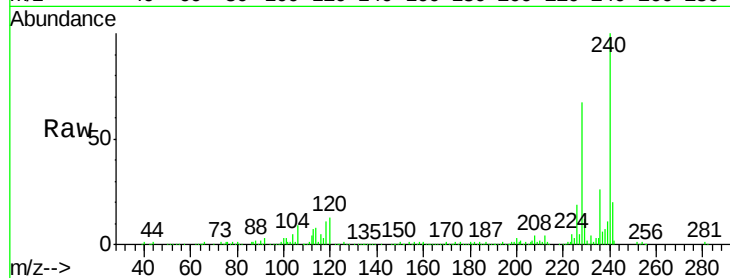
Tot Ion:240 Resp: 223761

Ion Ratio Lower Upper

240 100

120 12.8 8.4 12.6#

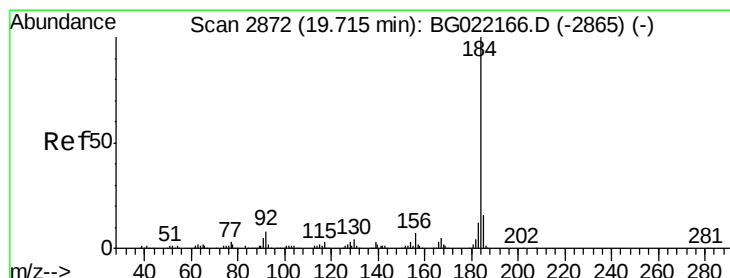
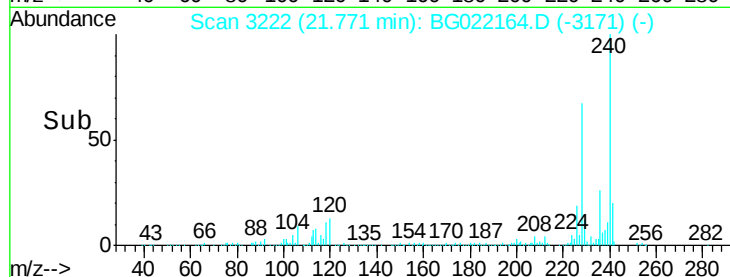
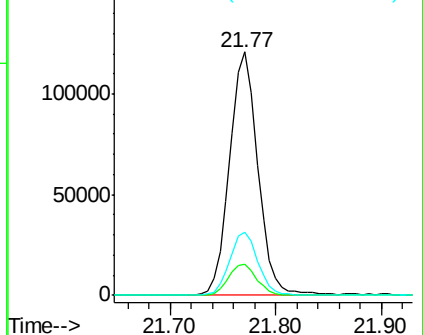
236 25.7 19.6 29.4



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: 49.69 ng

RT: 19.71 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

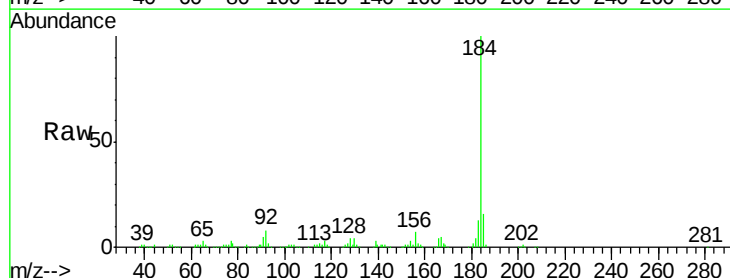
Tgt Ion:184 Resp: 346169

Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

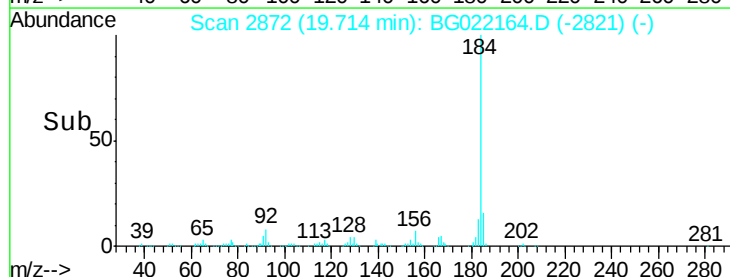
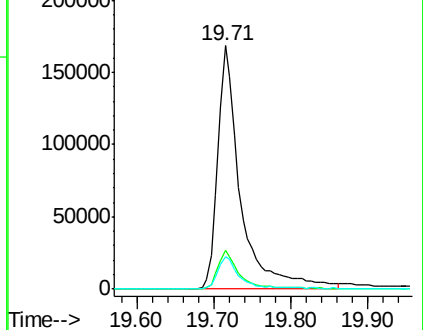
183 13.2 10.2 15.4

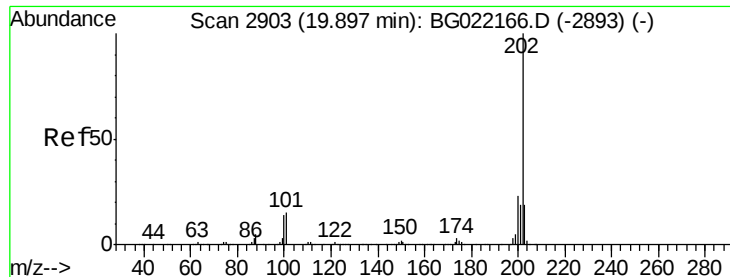


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 62.06 ng

RT: 19.90 min Scan# 2904

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

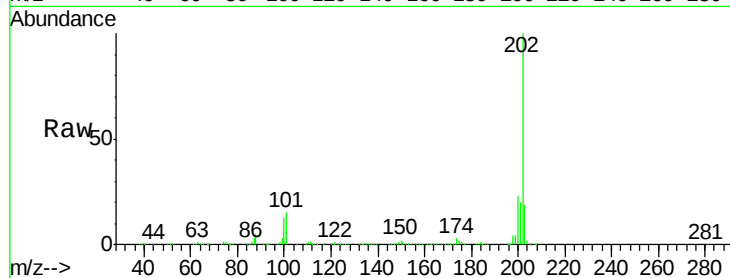
Tot Ion:202 Resp: 800719

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

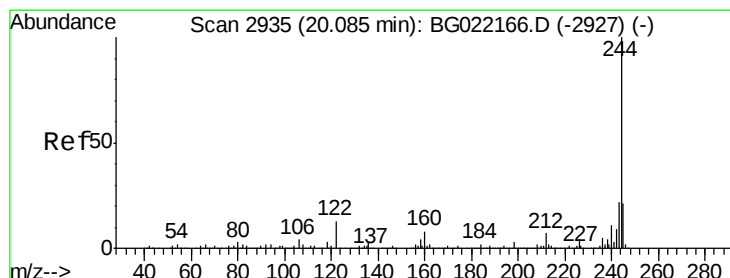
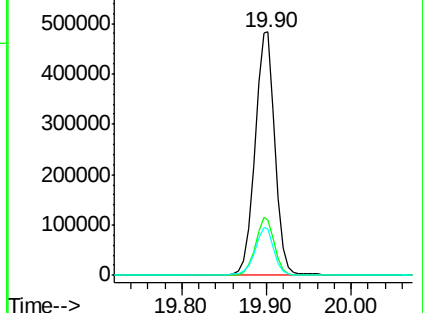
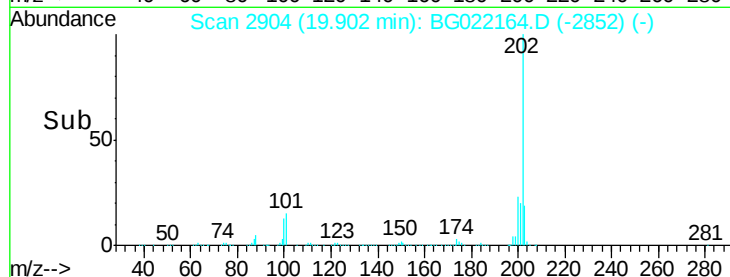
203 18.9 15.0 22.4



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: 122.54 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

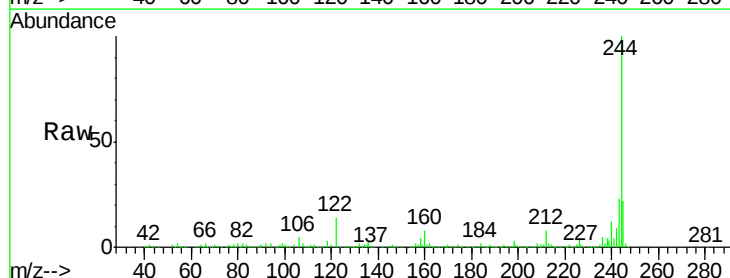
Tgt Ion:244 Resp: 1098888

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

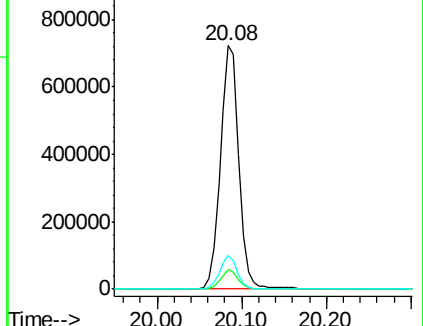
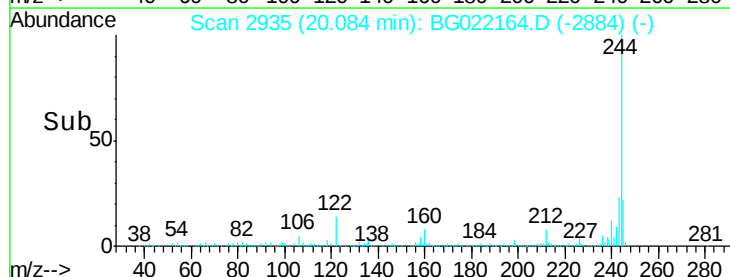
122 14.1 8.6 12.8#

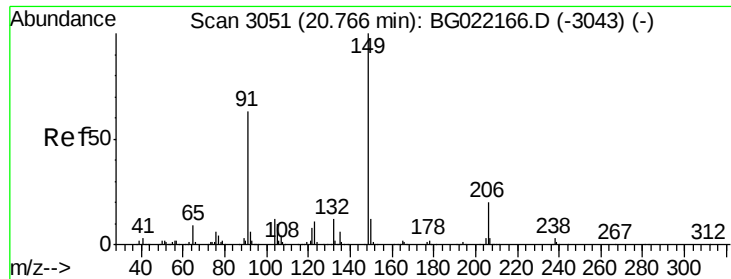


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

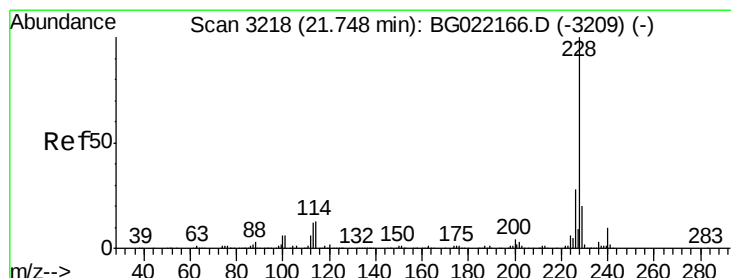
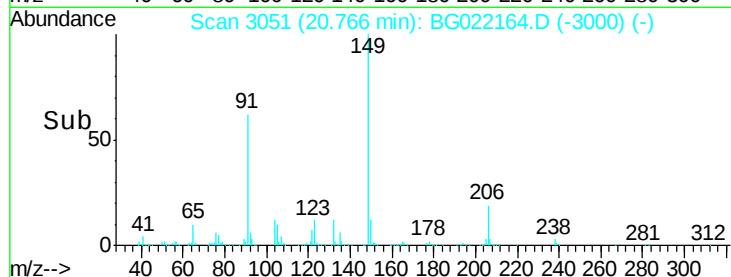
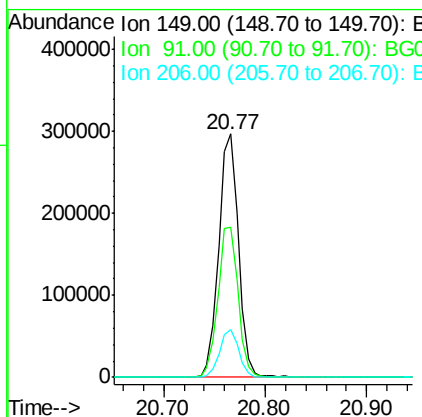
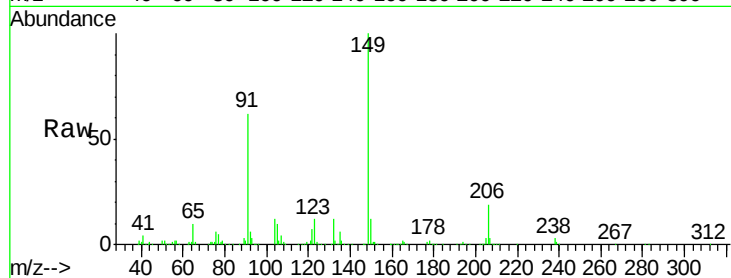




#79
 Butylbenzylphthalate
 Concen: 66.95 ng
 RT: 20.77 min Scan# 3051
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

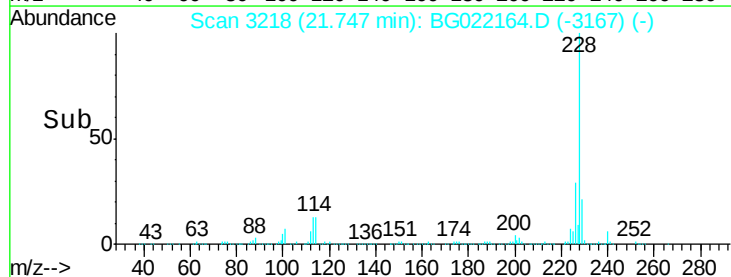
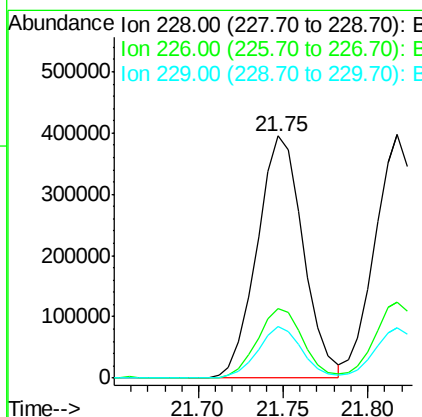
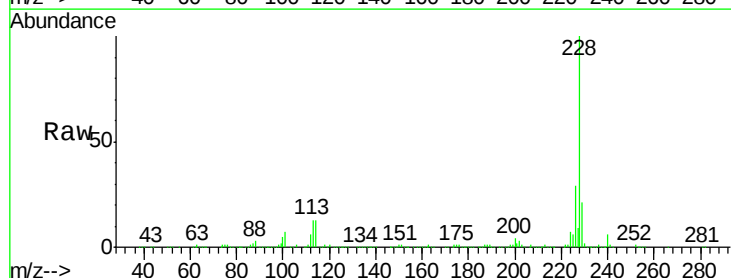
Instrument :
 BNA_G
 ClientSampleId :

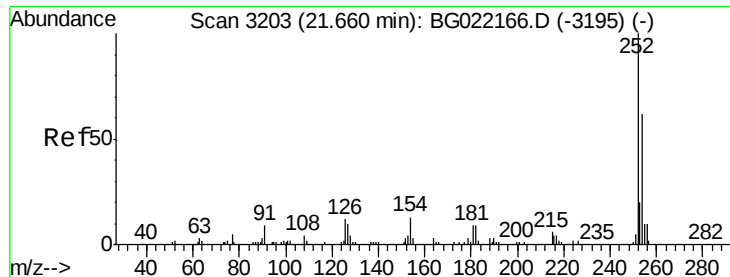
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.8	57.8	86.8
206	19.4	17.0	25.4



#80
 Benzo(a)anthracene
 Concen: 58.19 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	21.3	16.1	24.1

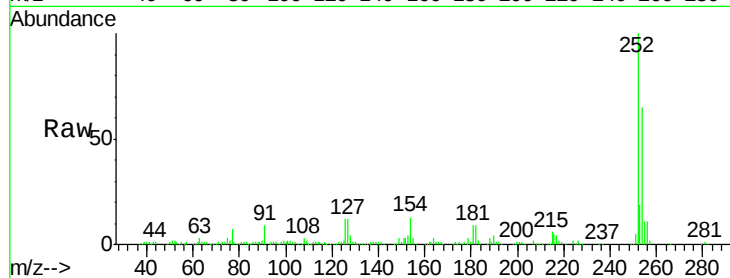




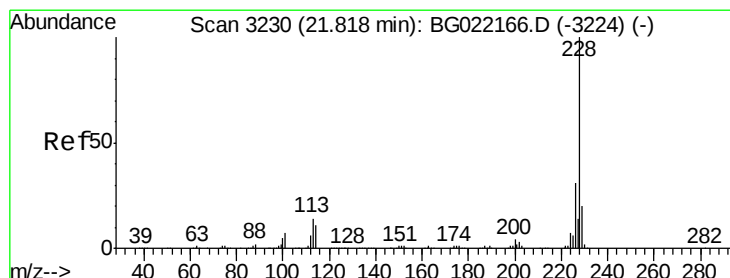
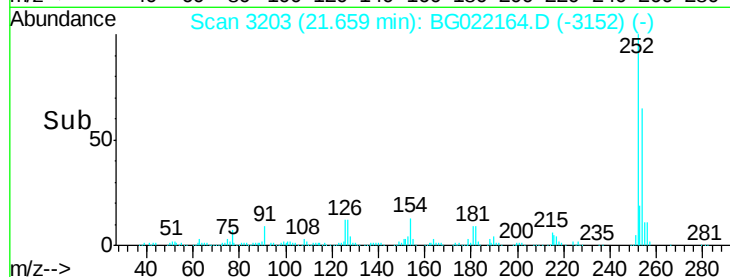
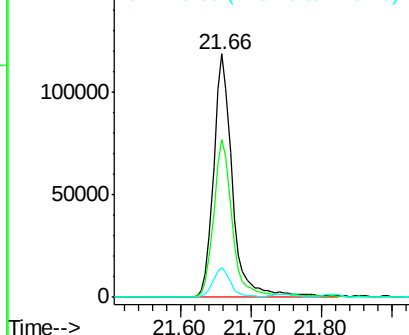
#81
 3,3'-Dichlorobenzidine
 Concen: 21.68 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 220952
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.8 77.6
 126 12.5 8.8 13.2

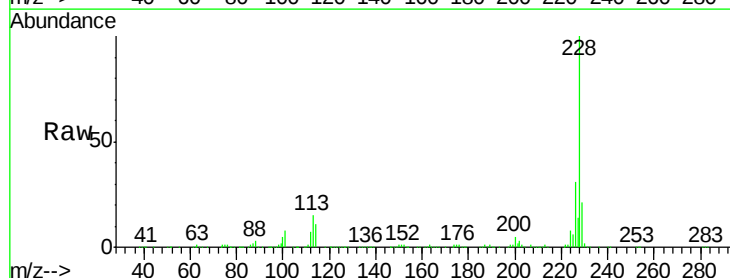


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

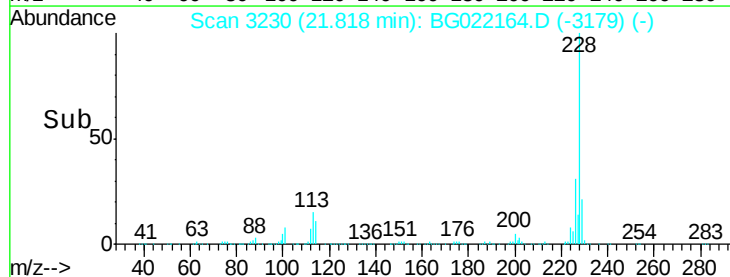
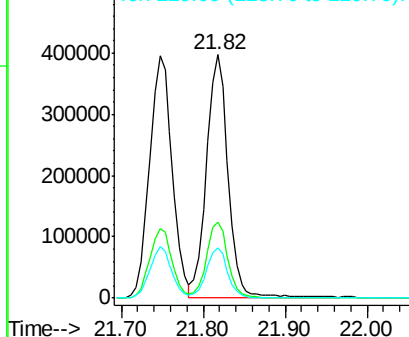


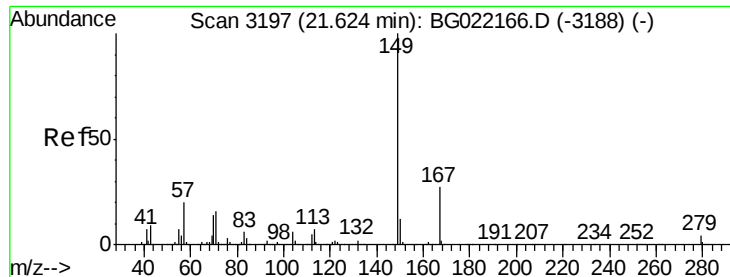
#82
 Chrysene
 Concen: 58.46 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Tgt Ion:228 Resp: 723255
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.0
 229 20.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.99 ng

RT: 21.62 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

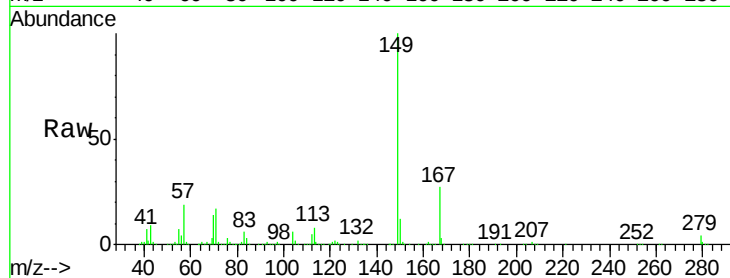
Tot Ion:149 Resp: 578094

Ion Ratio Lower Upper

149 100

167 27.0 22.4 33.6

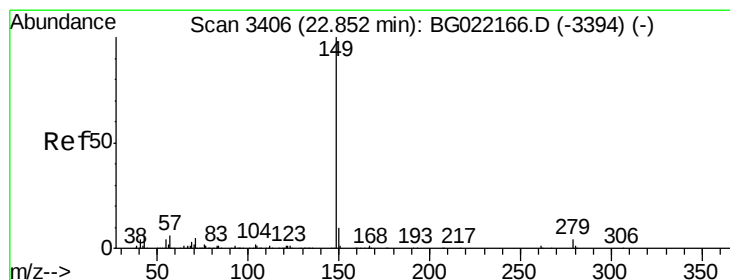
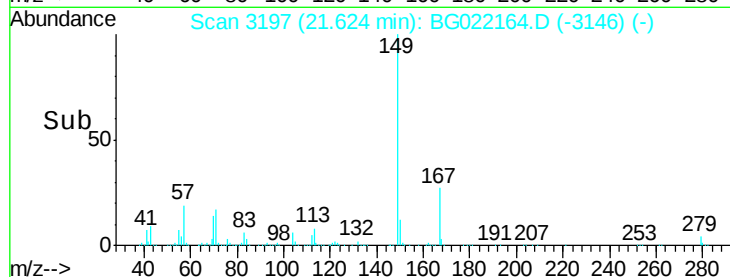
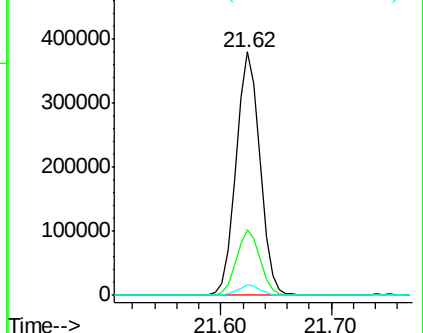
279 4.3 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 65.93 ng

RT: 22.86 min Scan# 3407

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

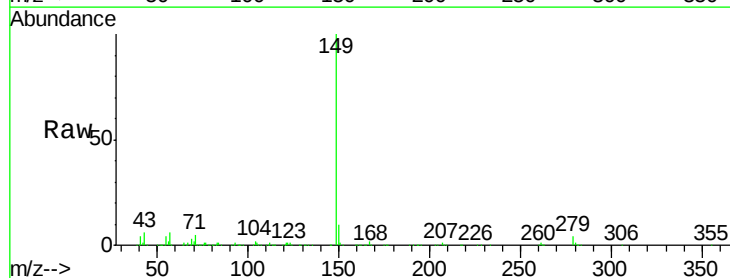
Tgt Ion:149 Resp: 967508

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

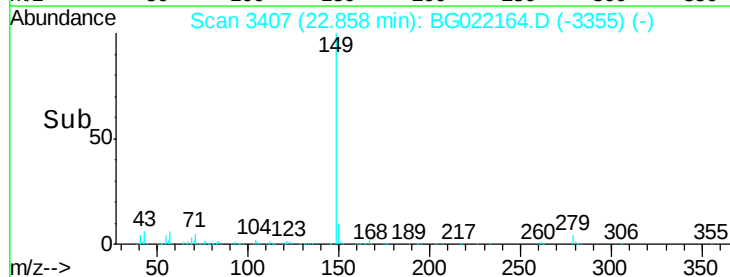
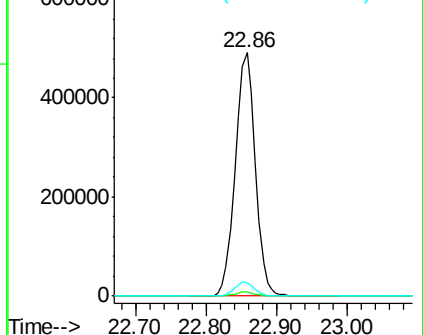
43 5.8 9.8 14.6#

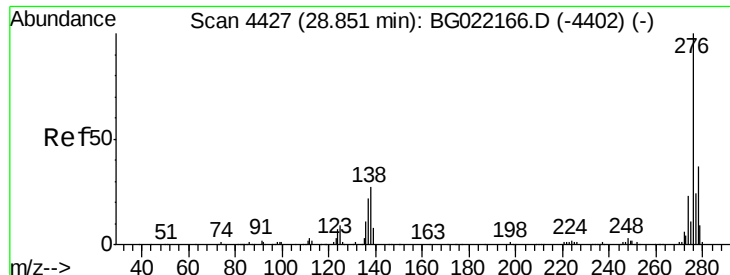


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

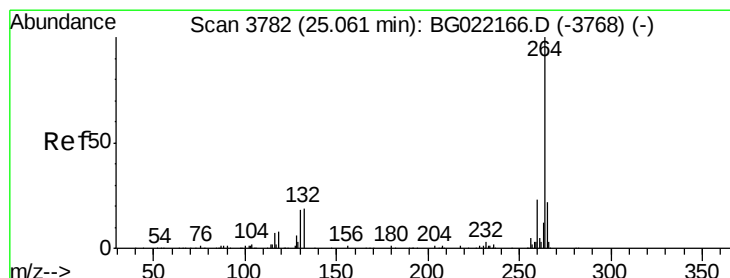
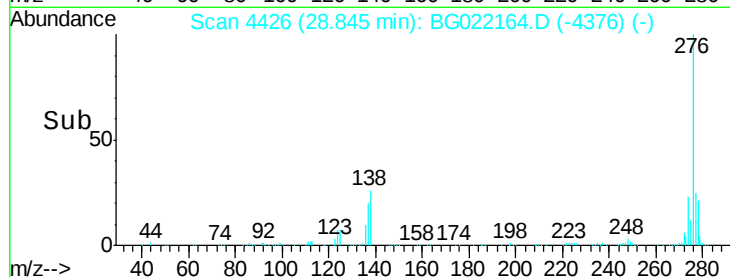
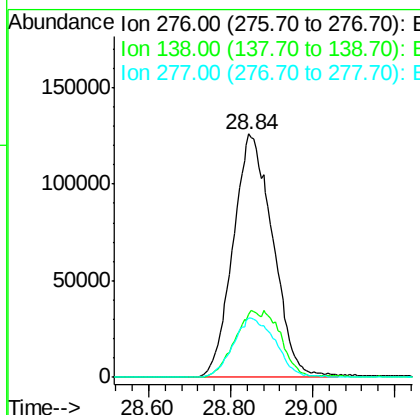
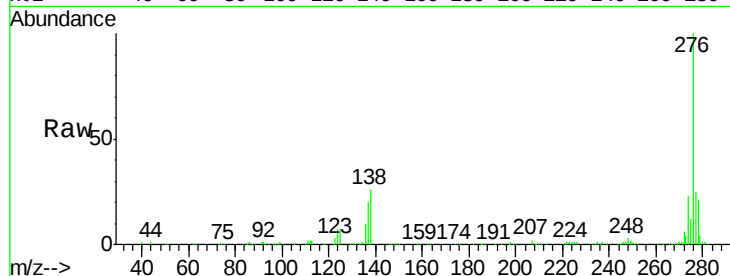




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.81 ng
RT: 28.84 min Scan# 4426
Delta R.T. -0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

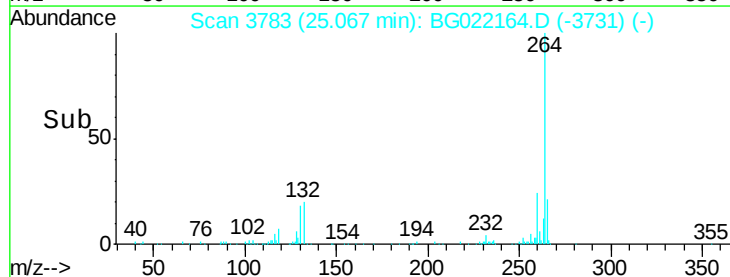
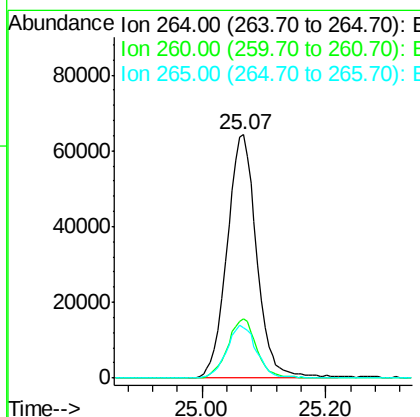
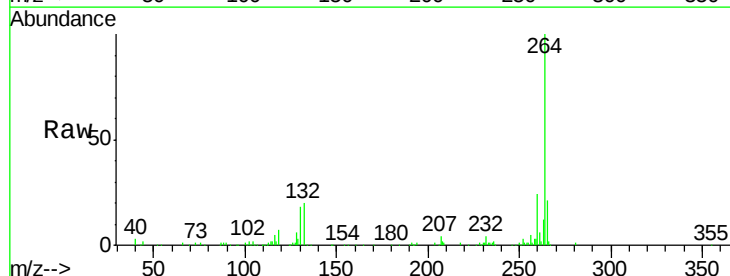
Instrument :
BNA_G
ClientSampleId :

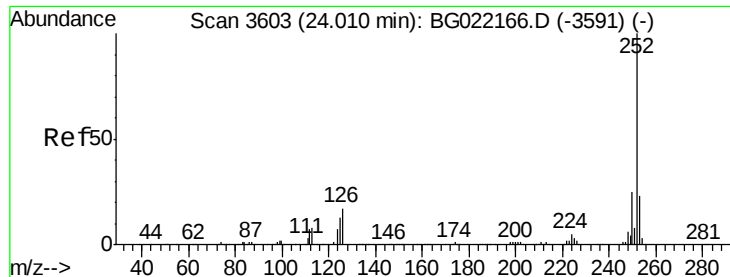
Tot Ion:276 Resp: 850222
Ion Ratio Lower Upper
276 100
138 17.8 14.0 21.0
277 25.7 20.6 30.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion:264 Resp: 213902
Ion Ratio Lower Upper
264 100
260 24.5 20.2 30.4
265 20.6 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 62.46 ng

RT: 24.02 min Scan# 3604

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

Instrument :

BNA_G

ClientSampleId :

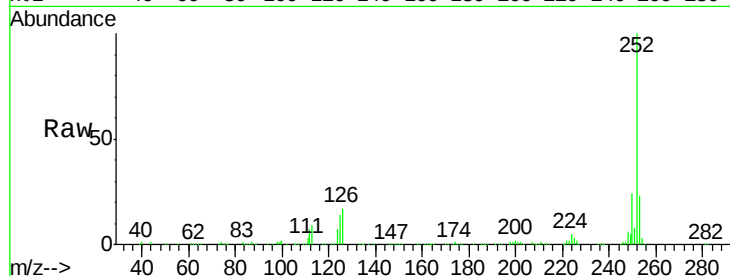
Tot Ion:252 Resp: 775282

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

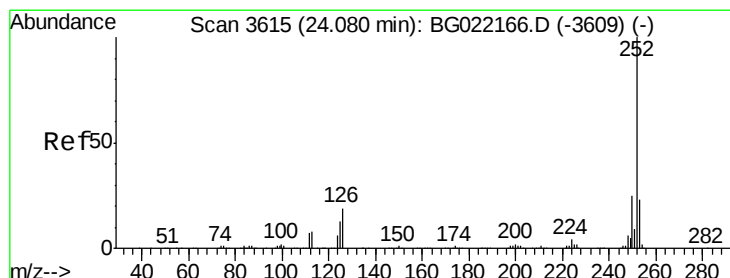
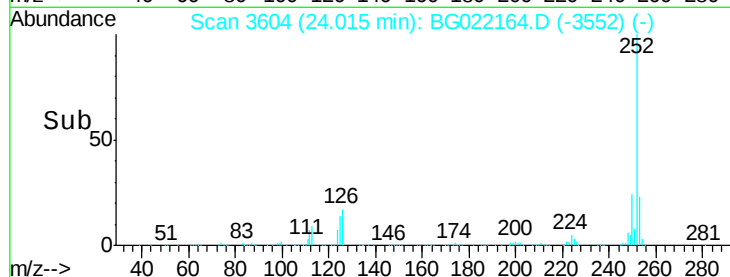
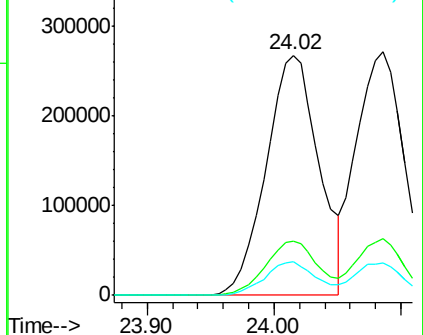
125 14.1 8.6 13.0#



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: 60.05 ng

RT: 24.09 min Scan# 3616

Delta R.T. 0.01 min

Lab File: BG022164.D

Acq: 6 Jun 2016 11:39

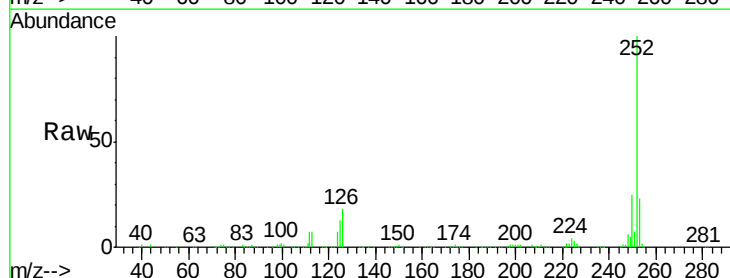
Tgt Ion:252 Resp: 728779

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

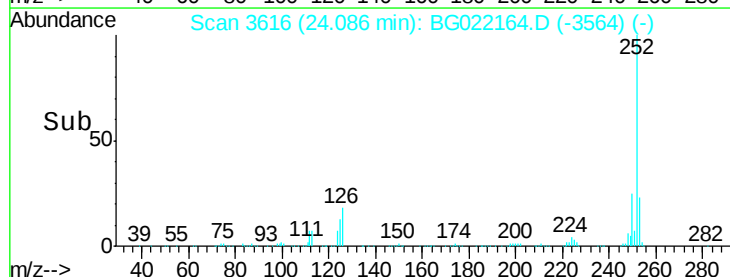
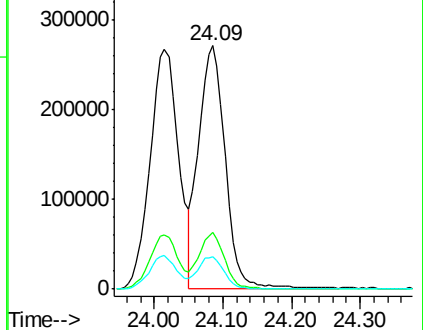
125 13.3 8.3 12.5#

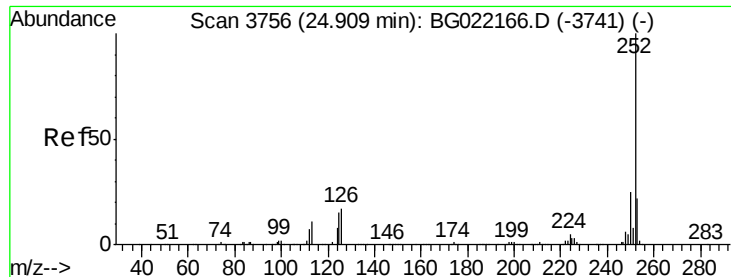


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

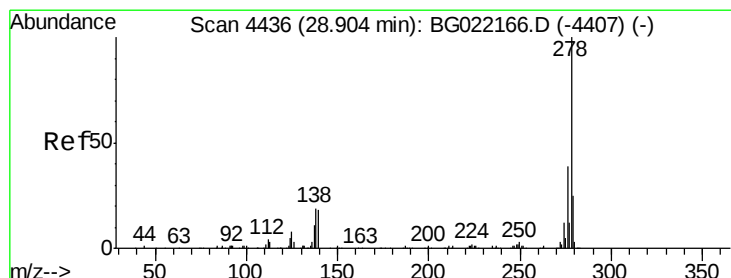
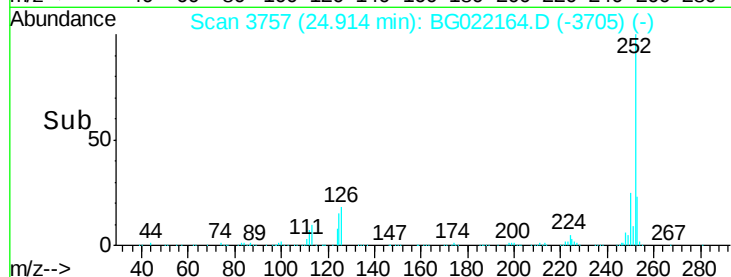
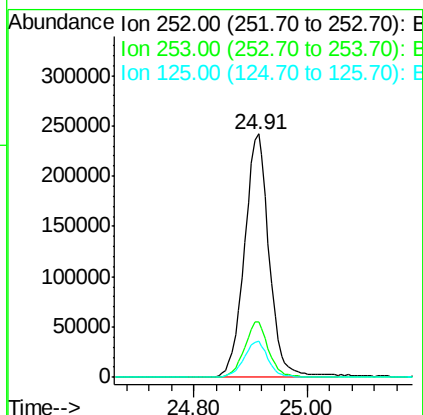
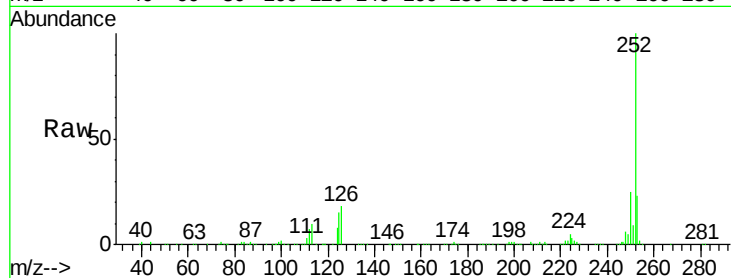




#89
Benzo(a)pyrene
Concen: 61.05 ng
RT: 24.91 min Scan# 3757
Delta R.T. 0.01 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

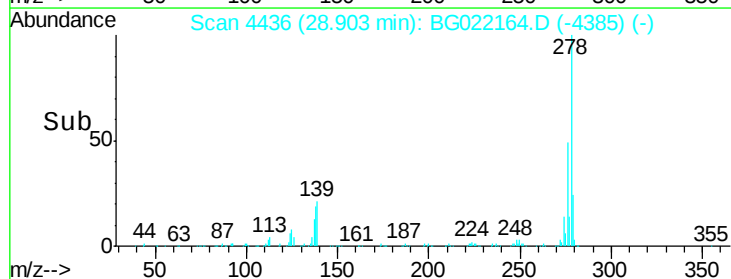
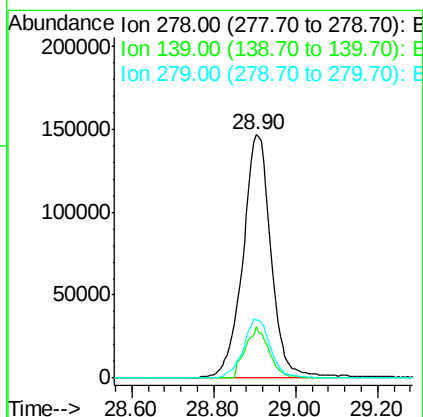
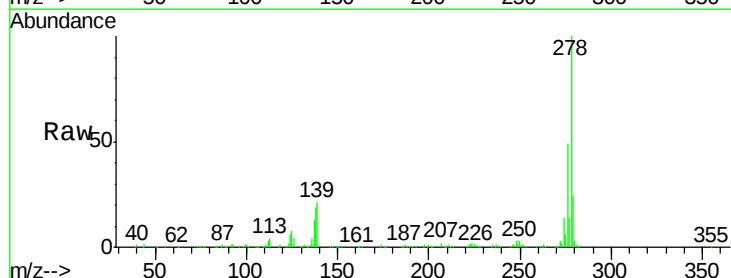
Instrument :
BNA_G
ClientSampleId :

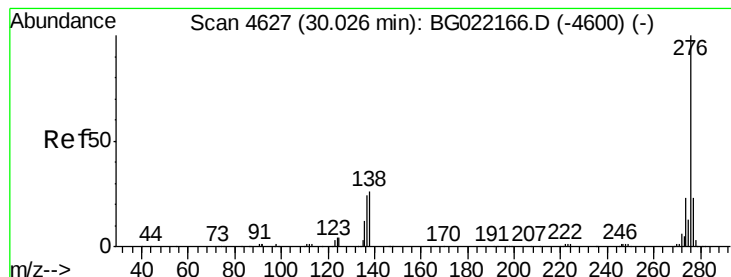
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	14.8	9.6	14.4



#90
Dibenzo(a,h)anthracene
Concen: 58.43 ng
RT: 28.90 min Scan# 4436
Delta R.T. -0.00 min
Lab File: BG022164.D
Acq: 6 Jun 2016 11:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	11.9	17.9
279	23.9	18.2	27.2

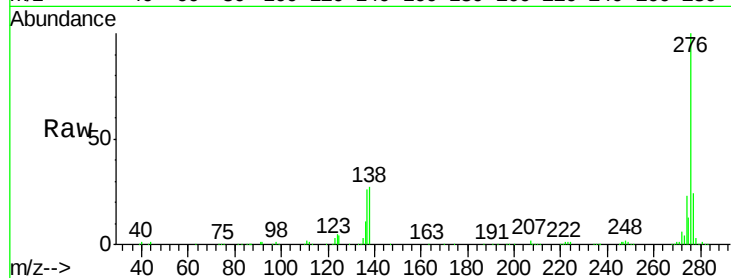




#91
 Benzo(a,h,i)perylene
 Concen: 59.41 ng
 RT: 30.03 min Scan# 4628
 Delta R.T. 0.01 min
 Lab File: BG022164.D
 Acq: 6 Jun 2016 11:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	27.2	17.4	26.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

