

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022345.D
 Acq On : 14 Jun 2016 21:46
 Operator : UM/SJ
 Sample : PB91321BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91321BS

Quant Time: Jun 15 03:31:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	21276	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	112138	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	72197	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	186817	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	170134	20.00	ng	-0.01
86) Perylene-d12	24.99	264	154544	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	171519	155.87	ng	-0.02
7) Phenol-d6	7.24	99	264747	153.02	ng	-0.01
23) Nitrobenzene-d5	9.24	82	139665	86.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	106062	130.01	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	371885	78.50	ng	-0.01
78) Terphenyl-d14	20.05	244	607889	84.83	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	15315	29.03	ng	# 56
3) Pyridine	3.85	79	49154	34.47	ng	97
4) n-Nitrosodimethylamine	3.77	42	14646	45.94	ng	88
6) Aniline	7.39	93	48155	21.91	ng	# 82
8) 2-Chlorophenol	7.63	128	72000	47.34	ng	# 81
10) Phenol	7.26	94	90775	50.89	ng	84
11) bis(2-Chloroethyl)ether	7.49	93	59084	41.54	ng	# 77
12) 1,3-Dichlorobenzene	7.96	146	63329	38.84	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	64214	39.53	ng	93
14) 1,2-Dichlorobenzene	8.43	146	64664	39.49	ng	97
15) Benzyl Alcohol	8.31	79	52770	47.21	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.61	45	66059	44.77	ng	88
17) 2-Methylphenol	8.52	107	66796	50.18	ng	# 88
18) Hexachloroethane	9.15	117	23915	40.32	ng	# 81
19) n-Nitroso-di-n-propylamine	8.88	70	50226	42.88	ng	# 67
20) 3+4-Methylphenols	8.85	107	89435	46.84	ng	98
22) Acetophenone	8.90	105	96076	39.76	ng	# 83
24) Nitrobenzene	9.29	77	70265	43.44	ng	# 86
25) Isophorone	9.81	82	149183	39.64	ng	# 92
26) 2-Nitrophenol	10.01	139	39565	45.11	ng	# 76
27) 2,4-Dimethylphenol	10.06	122	75489	47.55	ng	90
28) bis(2-Chloroethoxy)methane	10.29	93	89984	41.74	ng	92
29) 2,4-Dichlorophenol	10.55	162	70120	47.68	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	63225	38.47	ng	94
31) Naphthalene	10.94	128	223164	39.87	ng	# 97
32) Benzoic acid	10.21	122	24608	46.06	ng	90
33) 4-Chloroaniline	11.06	127	26103	11.22	ng	# 90
34) Hexachlorobutadiene	11.22	225	32778	37.15	ng	93
35) Caprolactam	11.83	113	35013m	43.40	ng	
36) 4-Chloro-3-methylphenol	12.18	107	86786	49.79	ng	89
37) 2-Methylnaphthalene	12.54	142	165485	40.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	70002	37.67	ng	98
40) Hexachlorocyclopentadiene	12.88	237	42954	47.56	ng	99
42) 2,4,6-Trichlorophenol	13.15	196	56064	44.97	ng	95

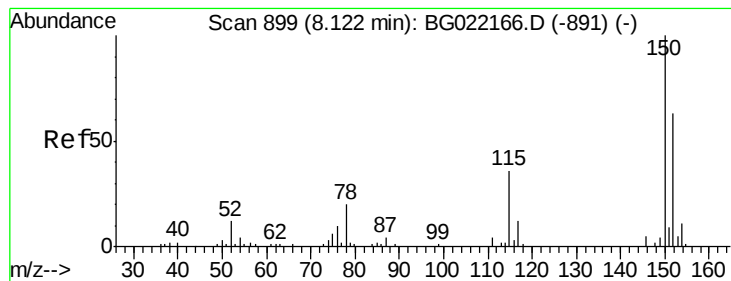
Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022345.D
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 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.24	196	62461	45.35	nq	95
45) 1,1'-Biphenyl	13.54	154	220063	40.50	nq	94
46) 2-Chloronaphthalene	13.59	162	171103	41.08	nq	95
47) 2-Nitroaniline	13.80	65	49446	49.79	nq	# 58
48) Acenaphthylene	14.44	152	300677	41.14	nq	97
49) Dimethylphthalate	14.16	163	242774	40.56	nq	98
50) 2,6-Dinitrotoluene	14.29	165	56331	43.29	nq	# 79
51) Acenaphthene	14.77	154	177158	40.46	nq	97
52) 3-Nitroaniline	14.63	138	26109	18.09	nq	# 81
53) 2,4-Dinitrophenol	14.84	184	44492	83.22	nq	# 77
54) Dibenzofuran	15.11	168	282888	41.40	nq	98
55) 4-Nitrophenol	14.95	139	94164	94.53	nq	# 72
56) 2,4-Dinitrotoluene	15.08	165	83004	47.55	nq	# 85
57) Fluorene	15.76	166	247735	42.09	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	56661	45.86	nq	99
59) Diethylphthalate	15.51	149	273174	42.72	nq	100
60) 4-Chlorophenyl-phenylether	15.74	204	109333	41.02	nq	95
61) 4-Nitroaniline	15.79	138	63238	41.31	nq	# 80
62) Azobenzene	16.03	77	223699	46.19	nq	89
64) 4,6-Dinitro-2-methylphenol	15.85	198	40080	42.96	nq	82
65) n-Nitrosodiphenylamine	15.96	169	222413	41.33	nq	99
66) 4-Bromophenyl-phenylether	16.63	248	68162	38.94	nq	97
67) Hexachlorobenzene	16.76	284	73929	36.24	nq	98
68) Atrazine	16.90	200	79612	39.96	nq	97
69) Pentachlorophenol	17.11	266	65291	71.39	nq	98
70) Phenanthrene	17.50	178	412351	40.64	nq	99
71) Anthracene	17.59	178	414212	41.16	nq	98
72) Carbazole	17.86	167	390175	40.94	nq	97
73) Di-n-butylphthalate	18.40	149	533119	42.79	nq	99
74) Fluoranthene	19.50	202	468650	40.18	nq	96
76) Benzidine	19.68	184	137182	30.83	nq	98
77) Pyrene	19.86	202	467316	44.18	nq	99
79) Butylbenzylphthalate	20.73	149	230936	47.08	nq	94
80) Benzo(a)anthracene	21.71	228	394428	41.34	nq	99
81) 3,3'-Dichlorobenzidine	21.62	252	65693	24.53	nq	99
82) Chrysene	21.77	228	377668	40.68	nq	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	326145	45.21	nq	95
84) Di-n-octyl phthalate	22.80	149	542277	45.28	nq	# 87
85) Indeno(1,2,3-cd)pyrene	28.75	276	404691	38.86	nq	98
87) Benzo(b)fluoranthene	23.95	252	367013	40.72	nq	# 95
88) Benzo(k)fluoranthene	24.02	252	371245	41.84	nq	# 97
89) Benzo(a)pyrene	24.84	252	360081	41.78	nq	# 96
90) Dibenzo(a,h)anthracene	28.79	278	334760	41.24	nq	# 93
91) Benzo(g,h,i)perylene	29.92	276	337957	40.02	nq	# 94

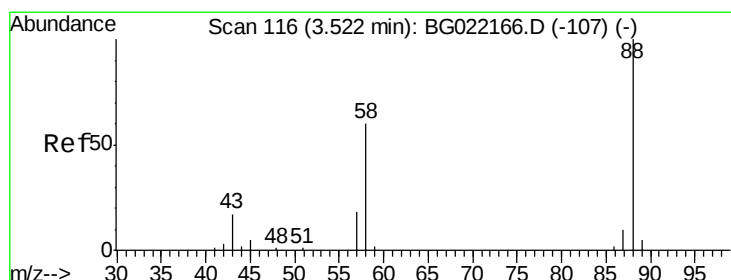
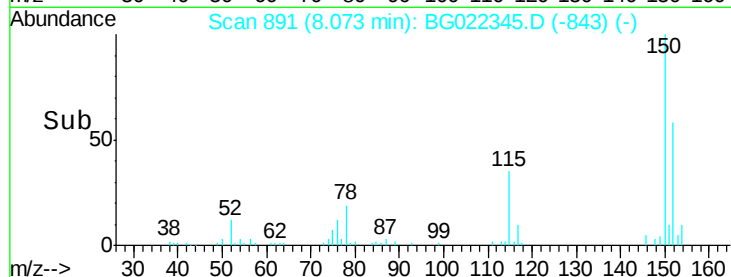
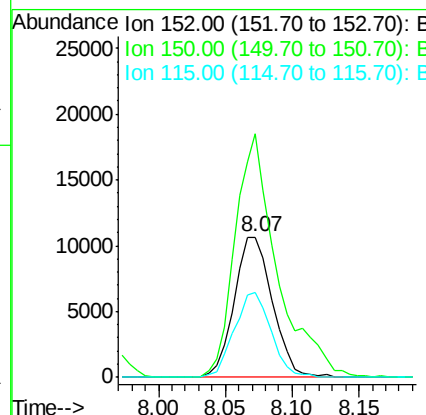
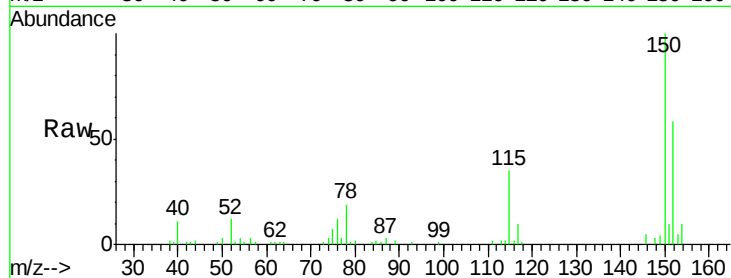
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.07 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

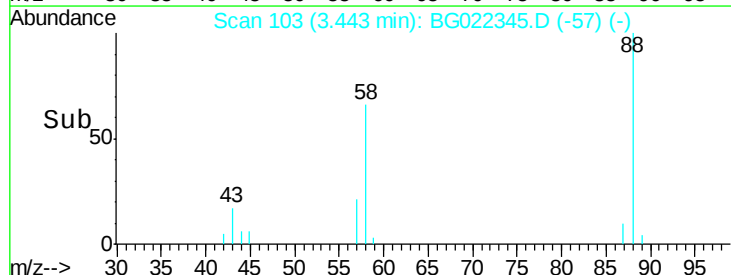
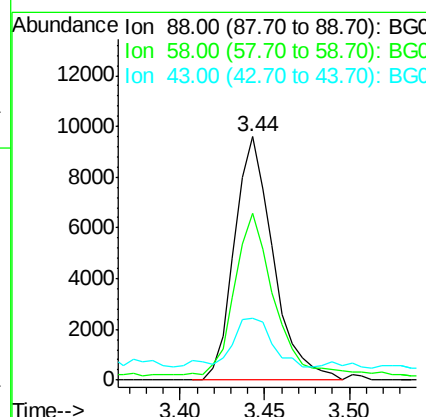
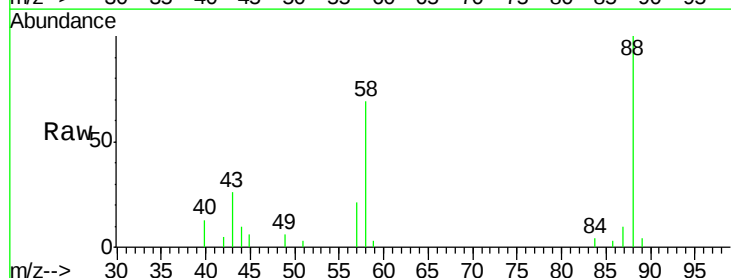
Instrument :
 BNA_G
 ClientSampleId :
 PB91321BS

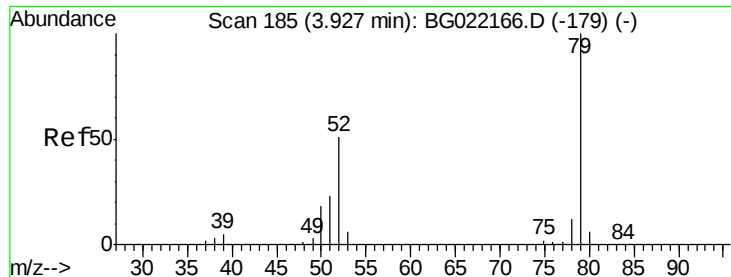
Tot Ion:152 Resp: 21276
 Ion Ratio Lower Upper
 152 100
 150 173.8 130.1 195.1
 115 60.1 62.2 93.2#



#2
 1,4-Dioxane
 Concen: 29.03 ng
 RT: 3.44 min Scan# 103
 Delta R.T. -0.03 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Tgt Ion: 88 Resp: 15315
 Ion Ratio Lower Upper
 88 100
 58 78.4 36.8 55.2#
 43 23.2 10.4 15.6#





#3

Pvridine

Concen: 34.47 ng

RT: 3.85 min Scan# 173

Delta R.T. -0.03 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

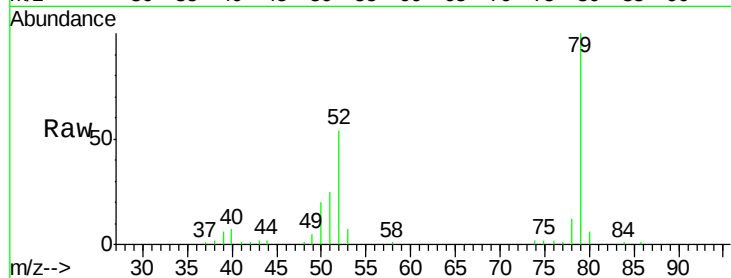
Tot Ion: 79 Resp: 49154

Ion Ratio Lower Upper

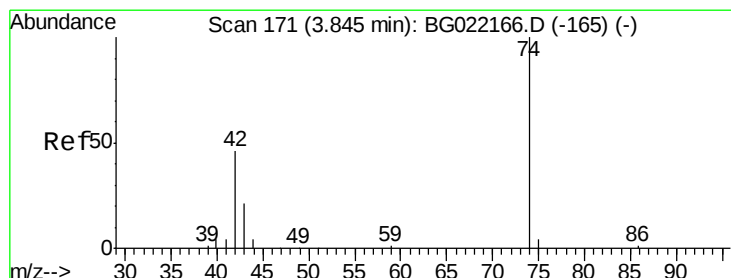
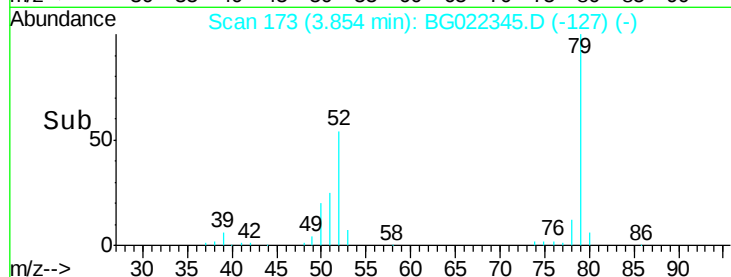
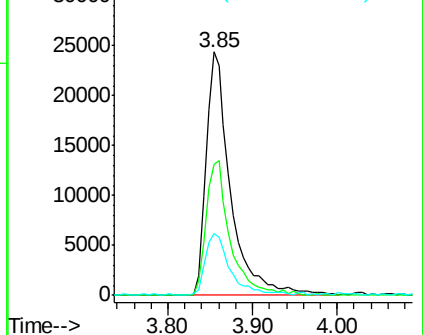
79 100

52 54.0 41.6 62.4

51 25.5 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.94 ng

RT: 3.77 min Scan# 159

Delta R.T. -0.04 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

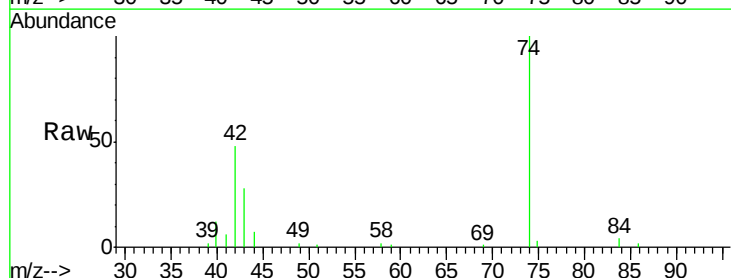
Tgt Ion: 42 Resp: 14646

Ion Ratio Lower Upper

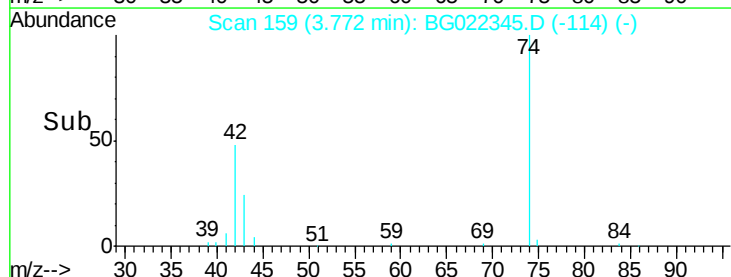
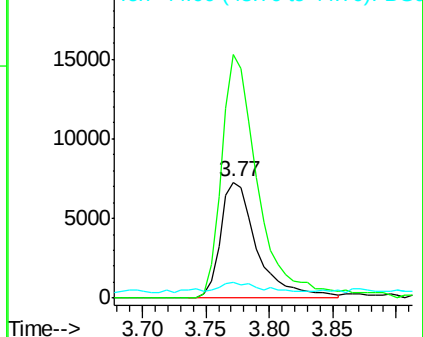
42 100

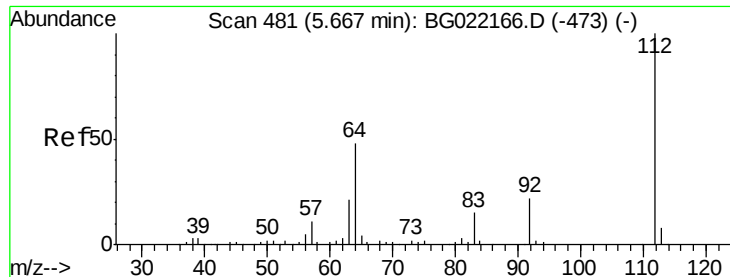
74 209.6 184.0 276.0

44 14.0 11.0 16.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 155.87 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

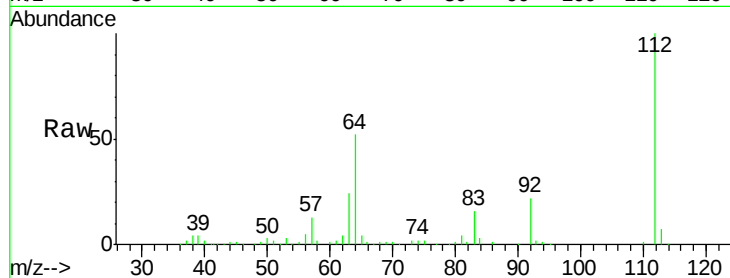
Tot Ion:112 Resp: 171519

Ion Ratio Lower Upper

112 100

64 51.6 51.1 76.7

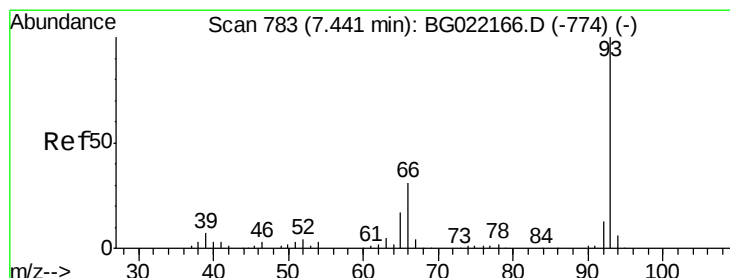
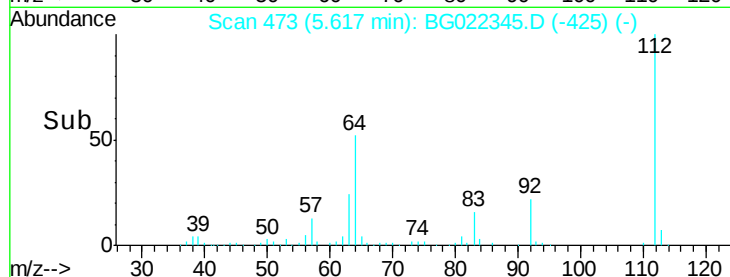
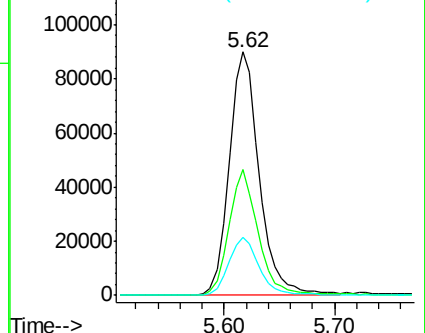
63 23.7 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.91 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

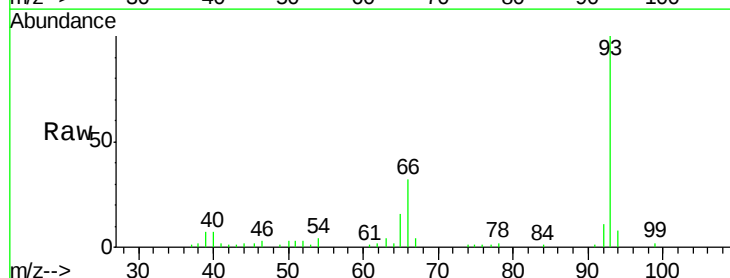
Tgt Ion: 93 Resp: 48155

Ion Ratio Lower Upper

93 100

66 32.3 36.3 54.5#

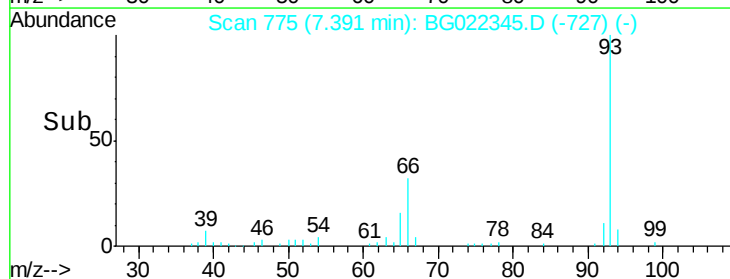
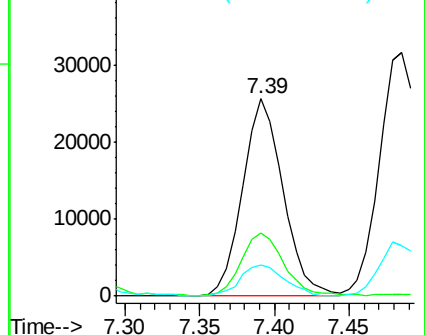
65 15.7 18.4 27.6#

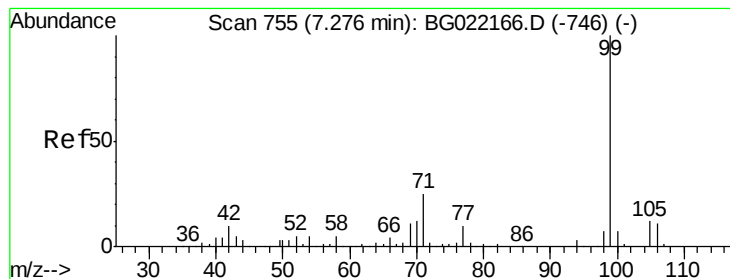


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.02 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

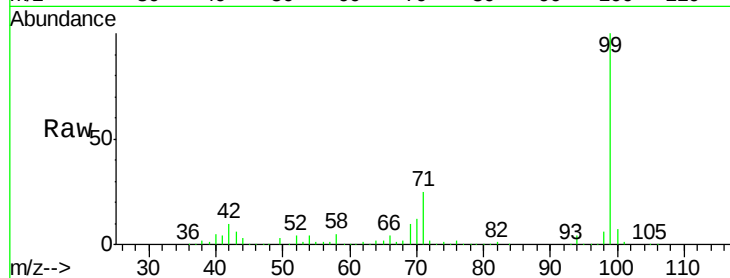
Tot Ion: 99 Resp: 264747

Ion Ratio Lower Upper

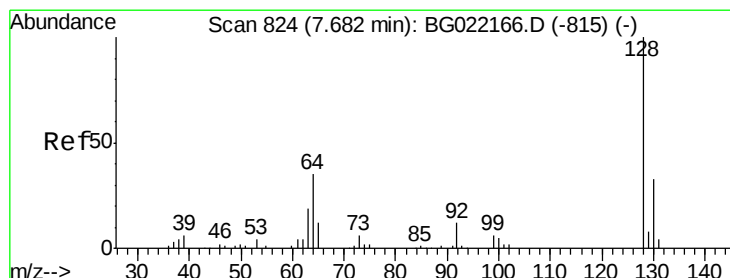
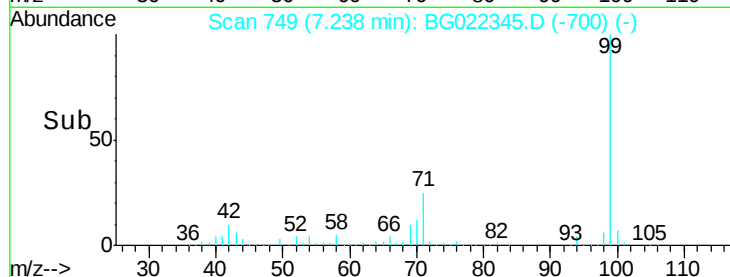
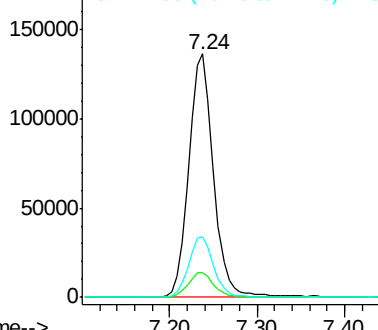
99 100

42 10.0 16.4 24.6#

71 24.9 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: 47.34 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

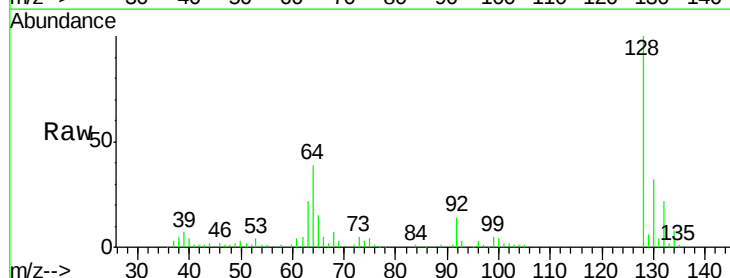
Tgt Ion: 128 Resp: 72000

Ion Ratio Lower Upper

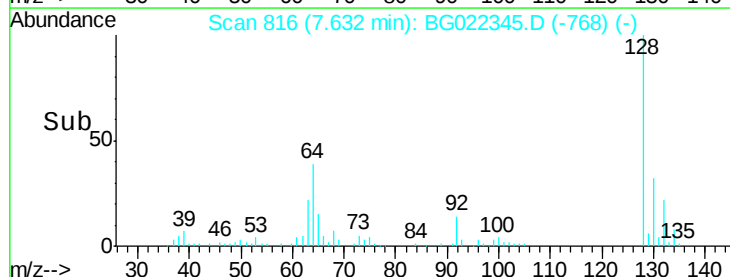
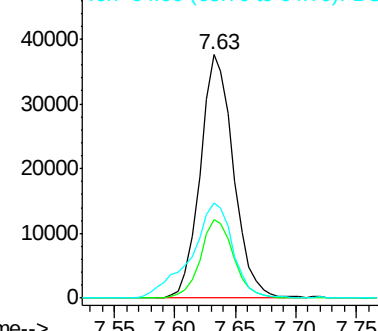
128 100

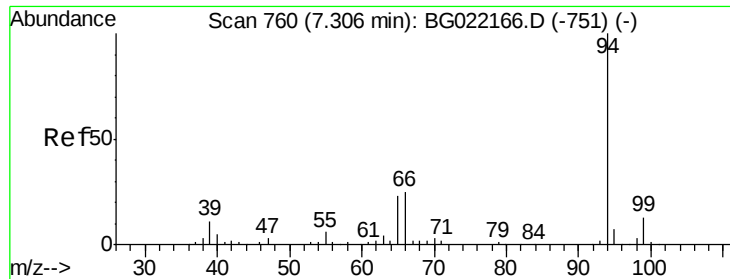
130 32.3 11.2 51.2

64 39.1 39.8 79.8#



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

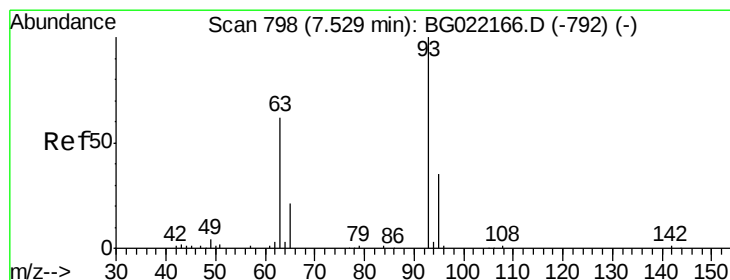
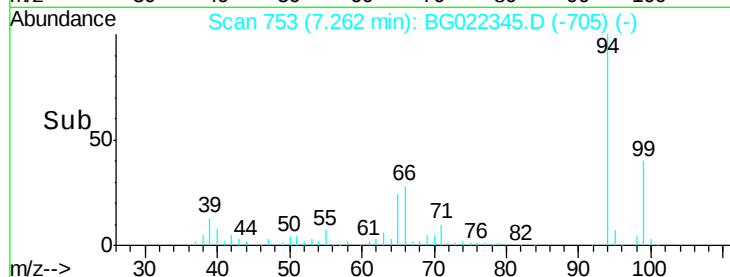
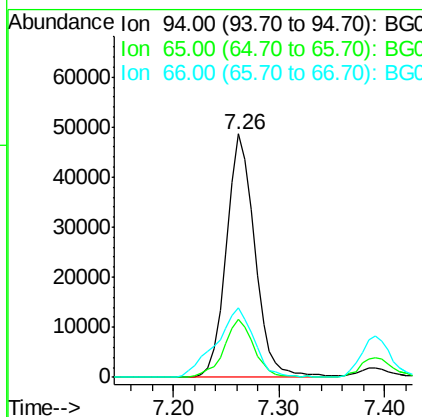
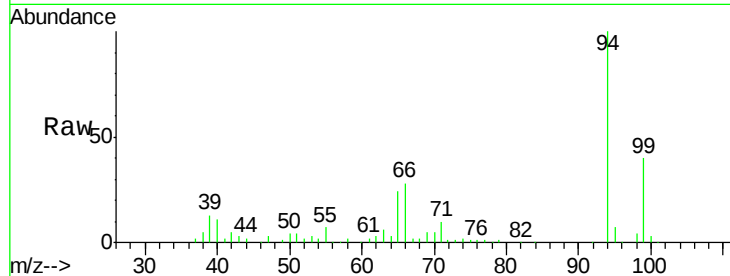




#10
Phenol
Concen: 50.89 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

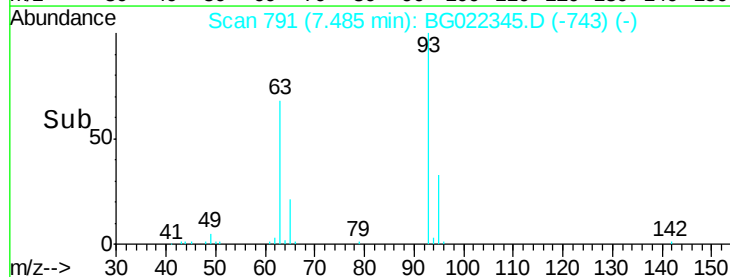
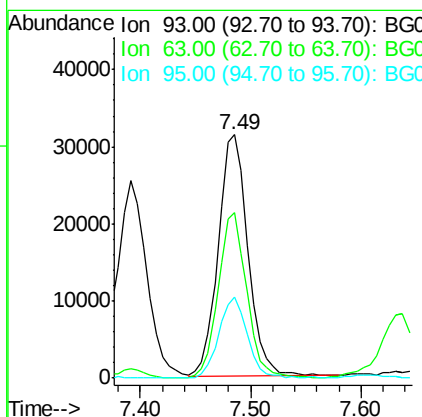
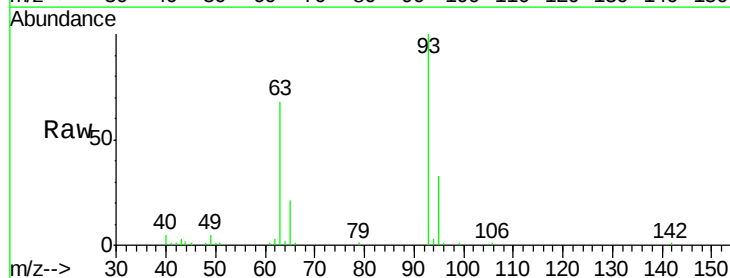
Instrument :
BNA_G
ClientSampleId :
PB91321BS

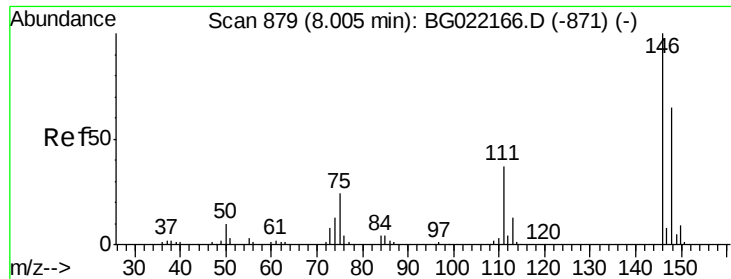
Tot Ion: 94 Resp: 90775
Ion Ratio Lower Upper
94 100
65 24.0 9.8 49.8
66 28.4 20.8 60.8



#11
bis(2-Chloroethyl)ether
Concen: 41.54 ng
RT: 7.49 min Scan# 791
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion: 93 Resp: 59084
Ion Ratio Lower Upper
93 100
63 67.9 74.9 114.9#
95 33.0 8.3 48.3

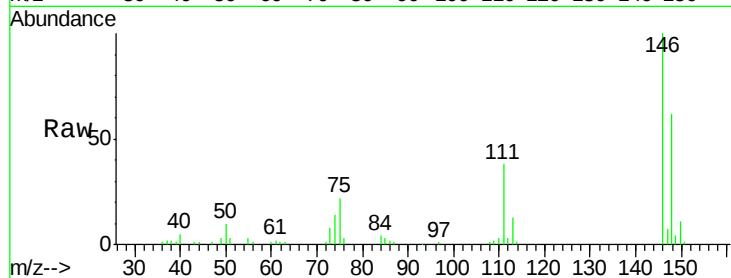




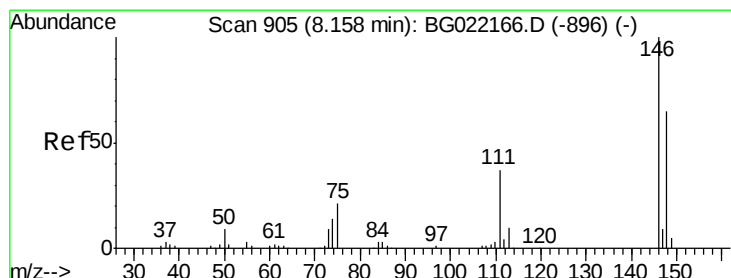
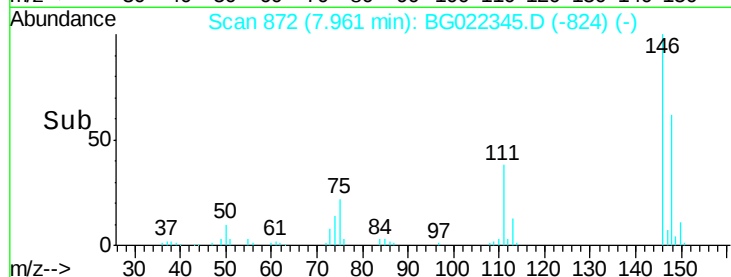
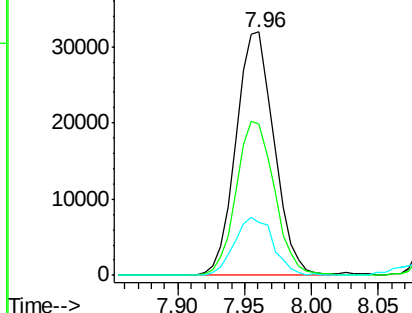
#12
 1,3-Dichlorobenzene
 Concen: 38.84 ng
 RT: 7.96 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Instrument :
 BNA_G
 ClientSampleId :
 PB91321BS

Tot Ion:146 Resp: 63329
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.7 80.5
 75 21.9 27.4 41.0#

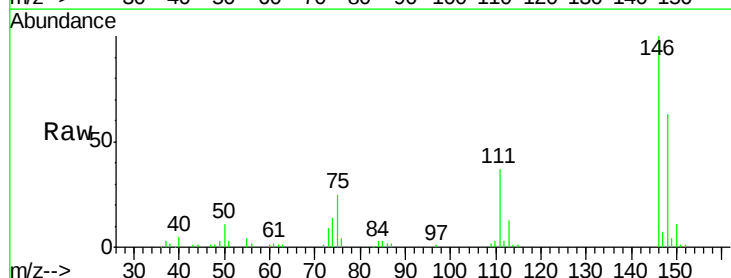


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

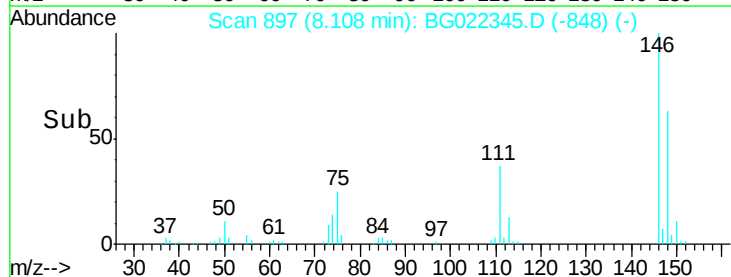
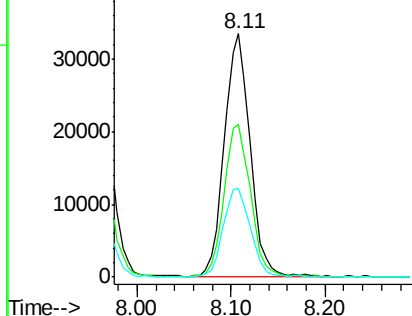


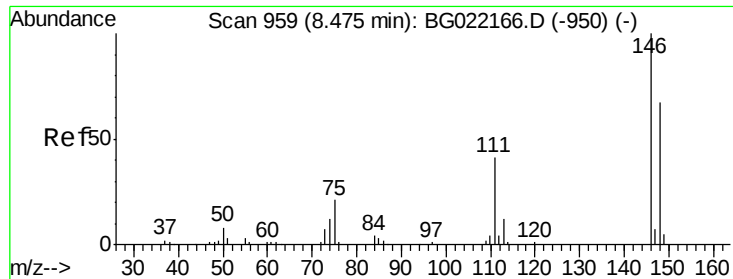
#13
 1,4-Dichlorobenzene
 Concen: 39.53 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Tgt Ion:146 Resp: 64214
 Ion Ratio Lower Upper
 146 100
 148 62.8 46.7 70.1
 111 36.5 33.0 49.6



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

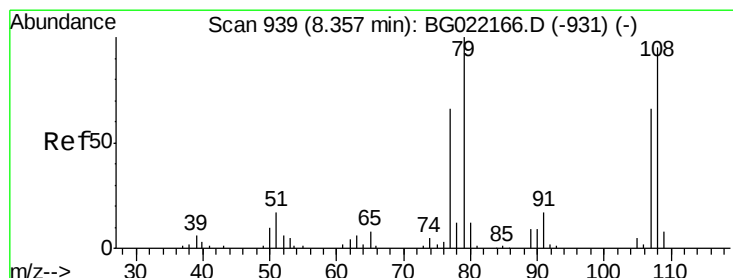
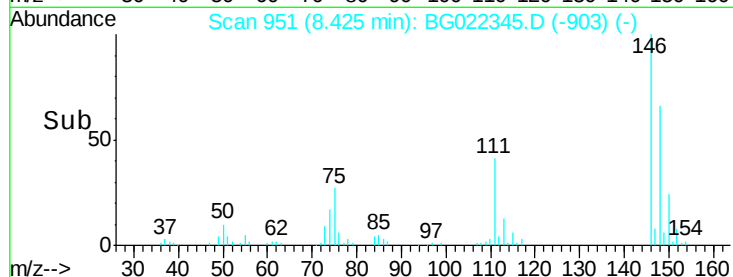
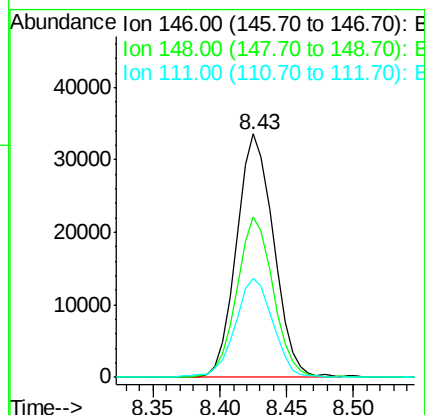
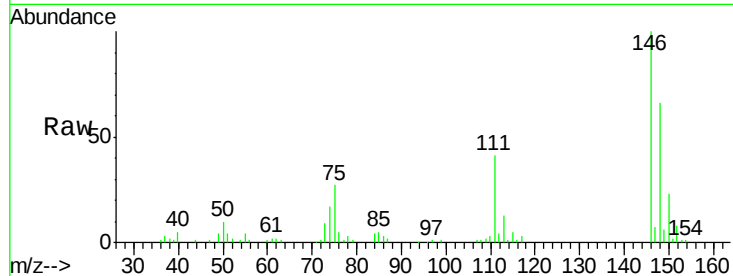




#14
 1,2-Dichlorobenzene
 Concen: 39.49 ng
 RT: 8.43 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

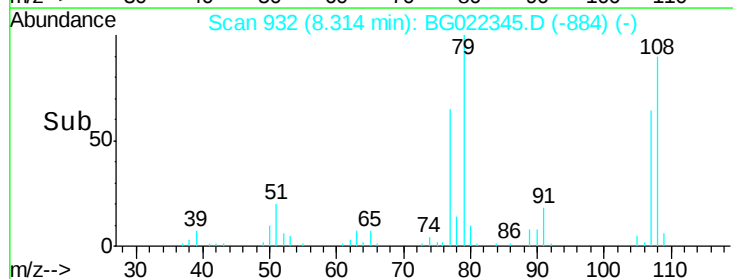
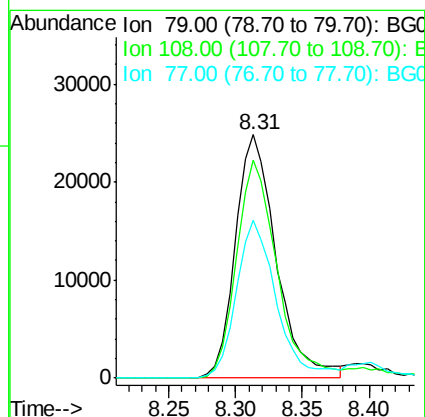
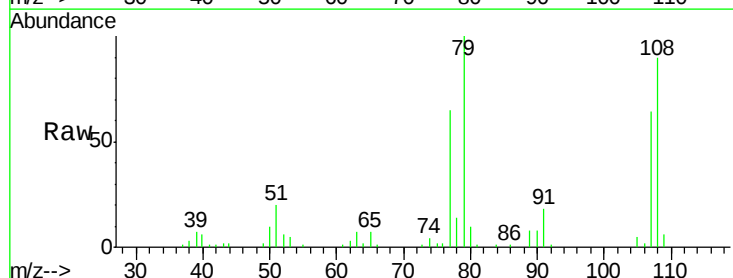
Instrument :
 BNA_G
 ClientSampleId :
 PB91321BS

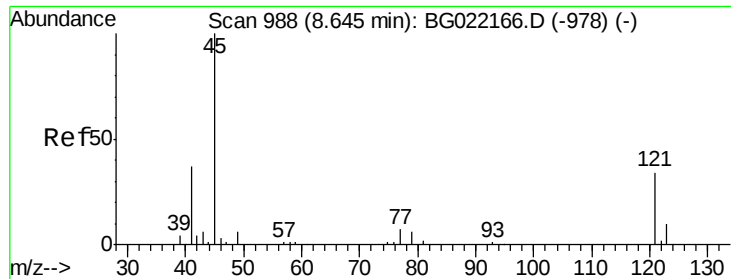
Tot Ion:146 Resp: 64664
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.6 79.0
 111 40.8 36.1 54.1



#15
 Benzyl Alcohol
 Concen: 47.21 ng
 RT: 8.31 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Tgt Ion: 79 Resp: 52770
 Ion Ratio Lower Upper
 79 100
 108 89.8 59.4 89.0#
 77 64.8 52.2 78.2

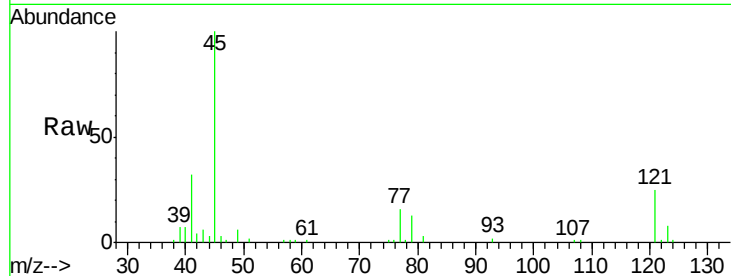




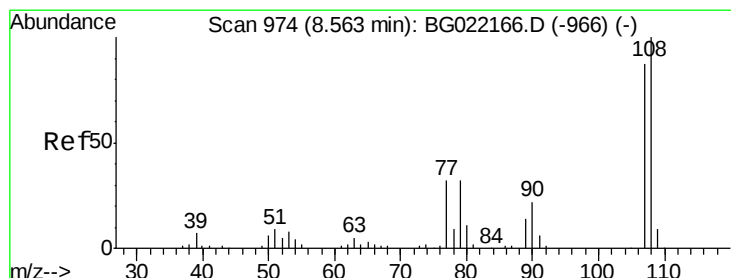
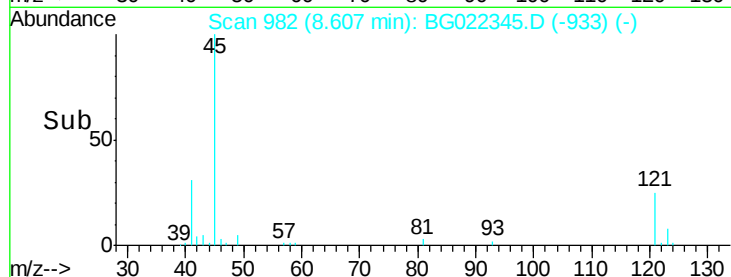
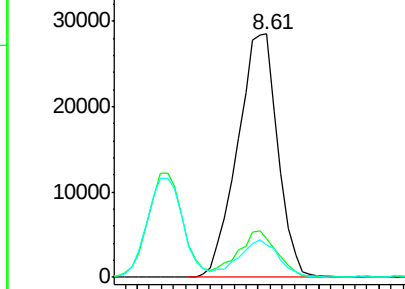
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 44.77 ng
RT: 8.61 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion: 45 Resp: 66059
Ion Ratio Lower Upper
45 100
77 16.2 0.0 31.2
79 13.2 0.0 29.0

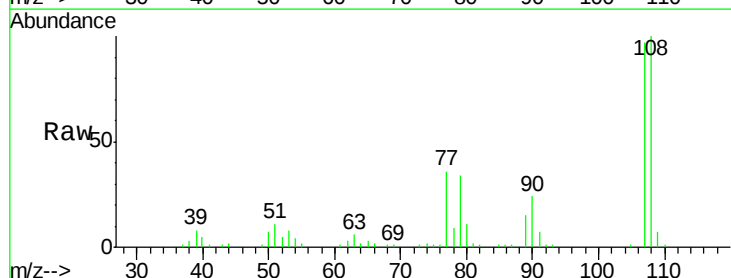


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

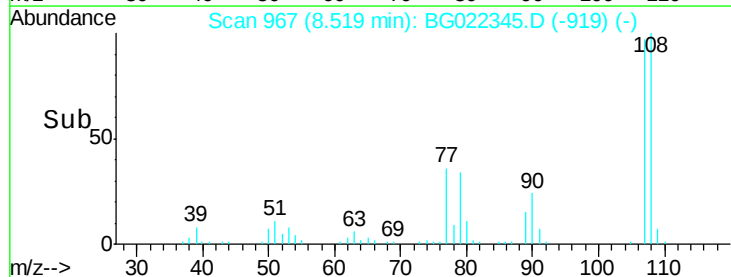
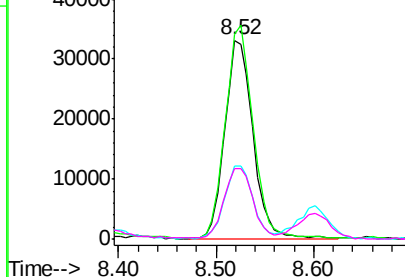


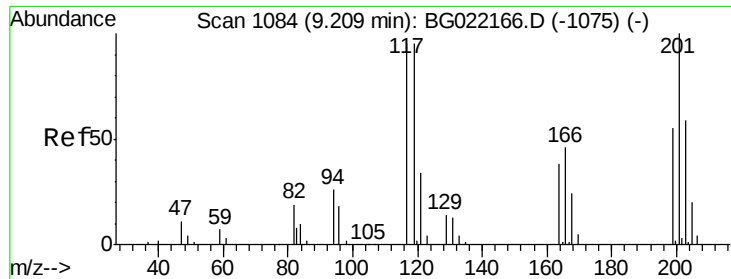
#17
2-Methylphenol
Concen: 50.18 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion: 107 Resp: 66796
Ion Ratio Lower Upper
107 100
108 103.2 80.2 120.4
77 36.8 40.7 61.1#
79 35.3 39.8 59.8#



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

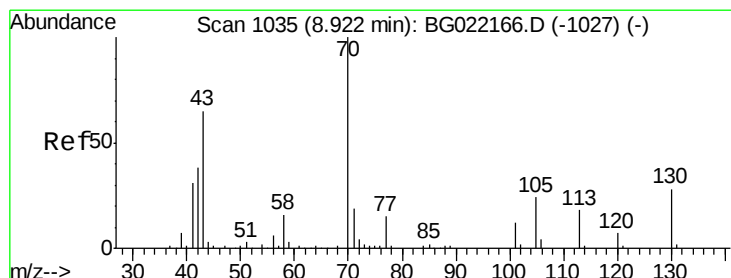
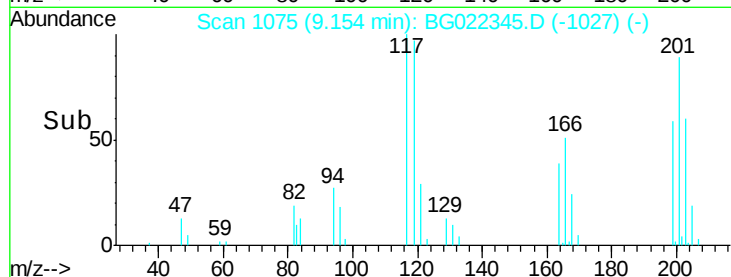
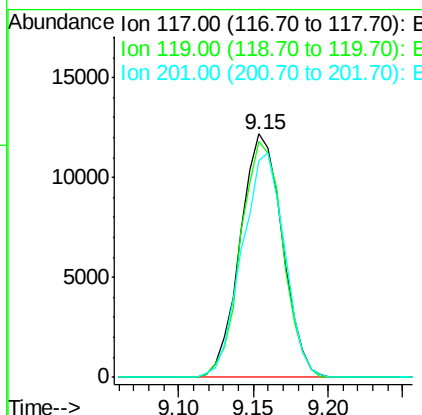
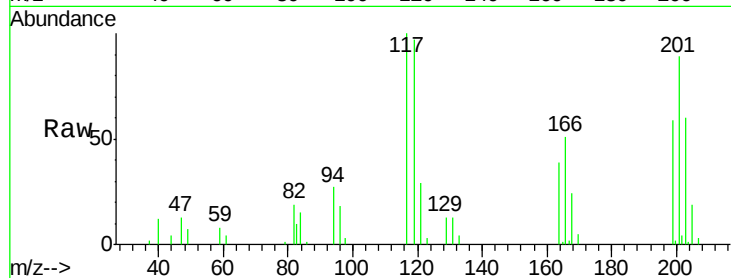




#18
Hexachloroethane
Concen: 40.32 ng
RT: 9.15 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

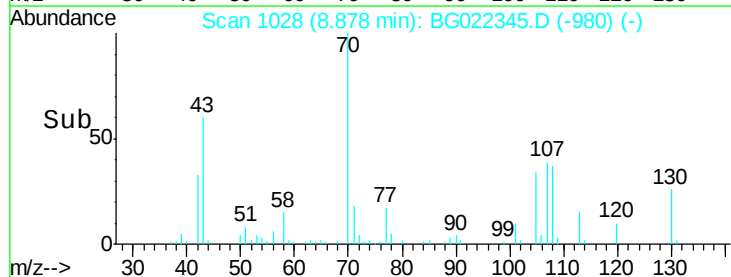
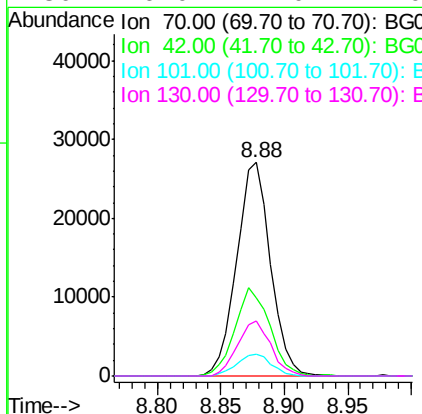
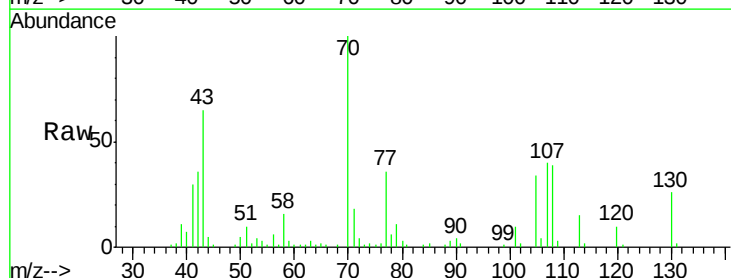
Instrument :
BNA_G
ClientSampleId :
PB91321BS

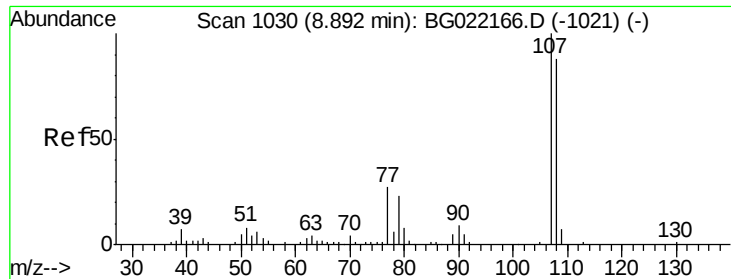
Tot Ion: 117 Resp: 23915
Ion Ratio Lower Upper
117 100
119 96.7 63.9 95.9#
201 93.2 61.2 91.8#



#19
n-Nitroso-di-n-propylamine
Concen: 42.88 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion: 70 Resp: 50226
Ion Ratio Lower Upper
70 100
42 36.4 56.7 85.1#
101 10.4 8.2 12.4
130 26.0 14.0 21.0#

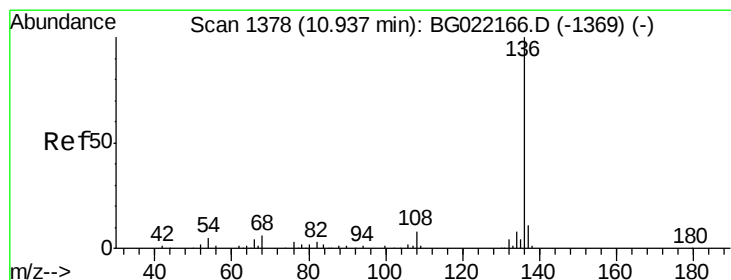
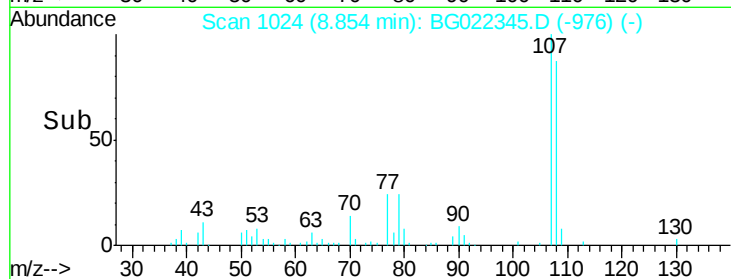
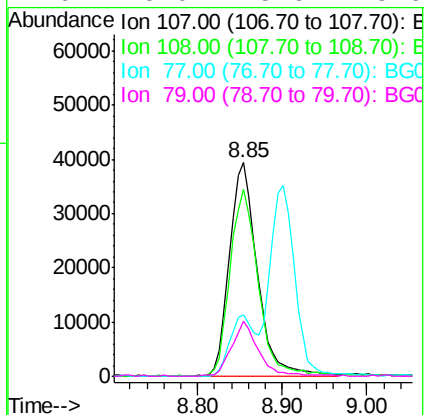
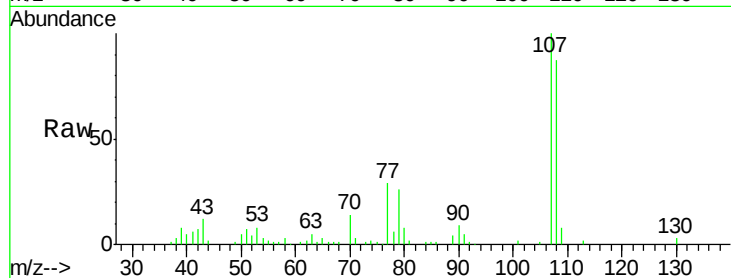




#20
3+4-Methylphenols
Concen: 46.84 ng
RT: 8.85 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

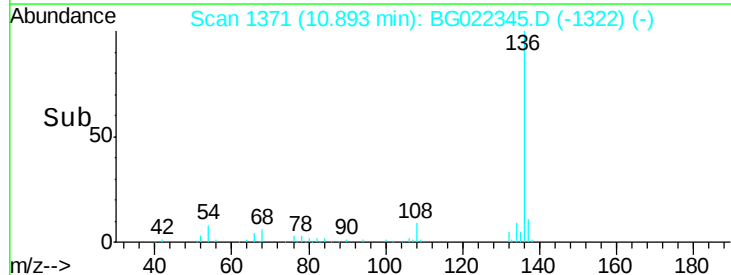
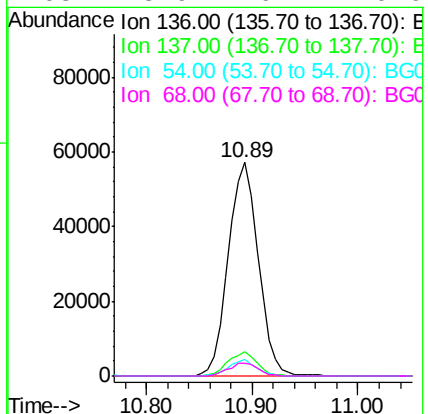
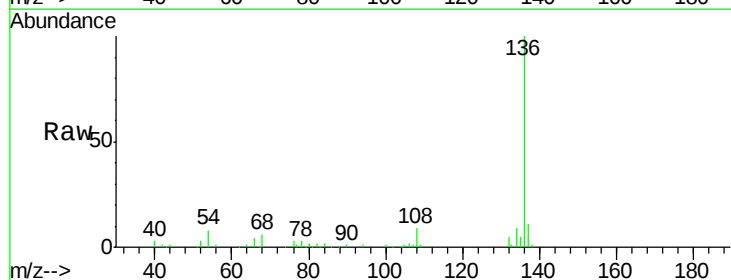
Instrument :
BNA_G
ClientSampleId :
PB91321BS

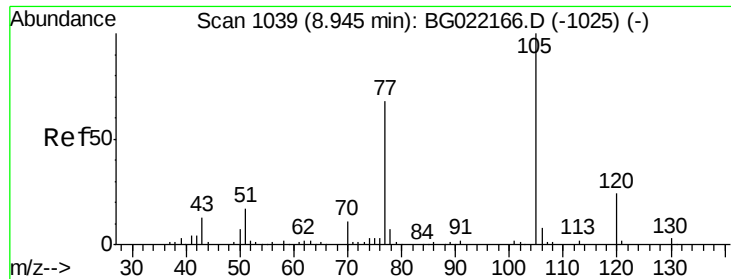
Tot Ion:	107	Resp:	89435
Ion	Ratio	Lower	Upper
107	100		
108	87.5	66.2	106.2
77	28.5	11.5	51.5
79	26.0	5.6	45.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:	136	Resp:	112138
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.6	9.6	14.4#
68	5.9	6.4	9.6#





#22

Acetophenone

Concen: 39.76 ng

RT: 8.90 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

Tot Ion:105 Resp: 96076

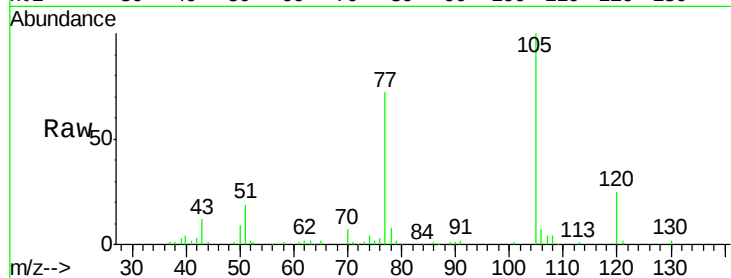
Ion Ratio Lower Upper

105 100

71 1.1 0.0 0.0#

51 19.2 25.7 38.5#

120 24.7 17.0 25.6

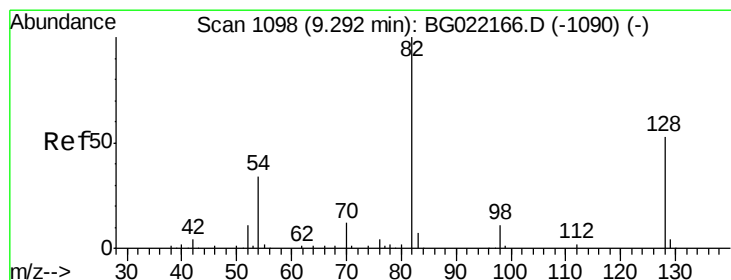
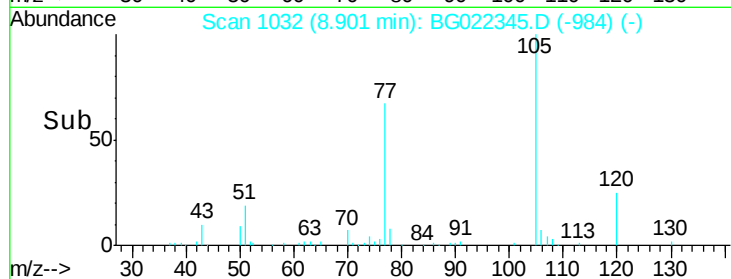
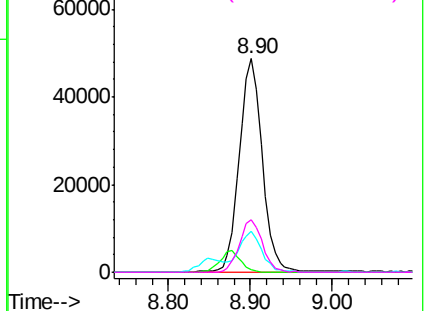


Abundance Ion 105.00 (104.70 to 105.70): E

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: 86.83 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

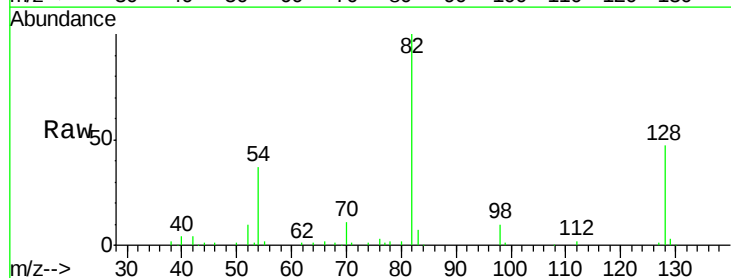
Tgt Ion: 82 Resp: 139665

Ion Ratio Lower Upper

82 100

128 47.3 33.4 50.0

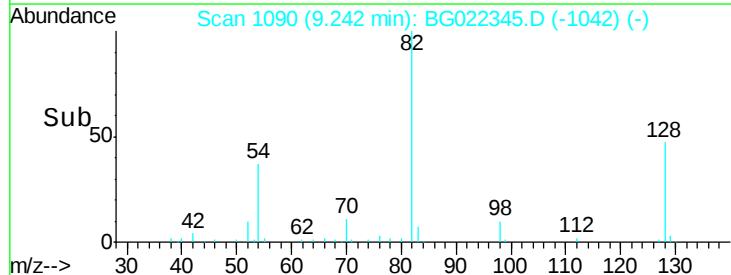
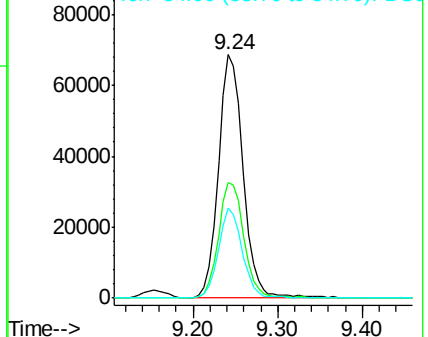
54 37.2 46.1 69.1#

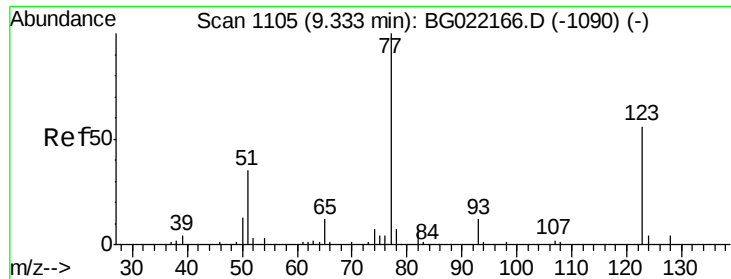


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 43.44 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

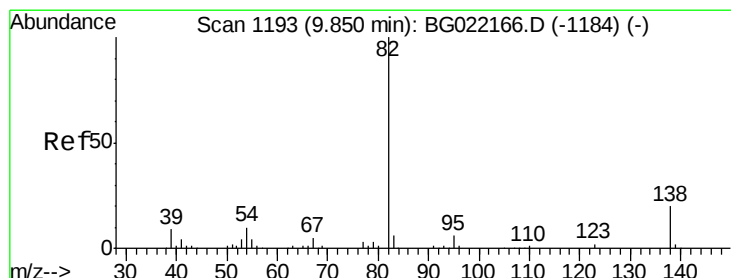
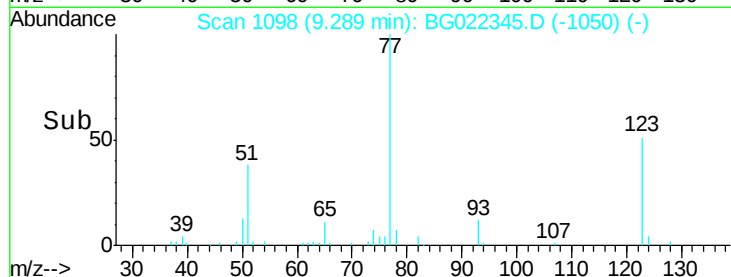
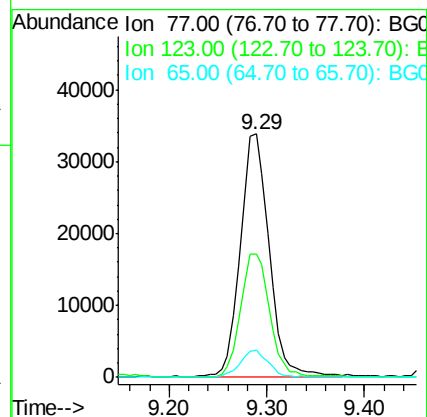
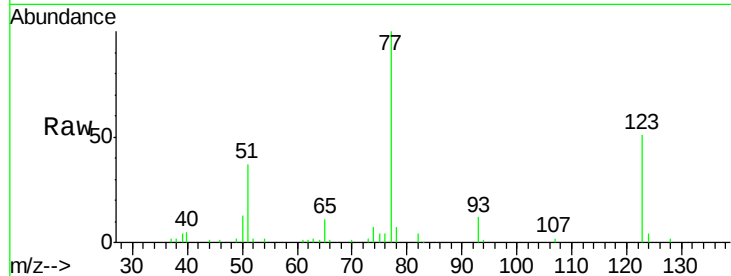
Tot Ion: 77 Resp: 70265

Ion Ratio Lower Upper

77 100

123 50.8 32.2 48.4#

65 11.0 10.3 15.5



#25

Isophorone

Concen: 39.64 ng

RT: 9.81 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

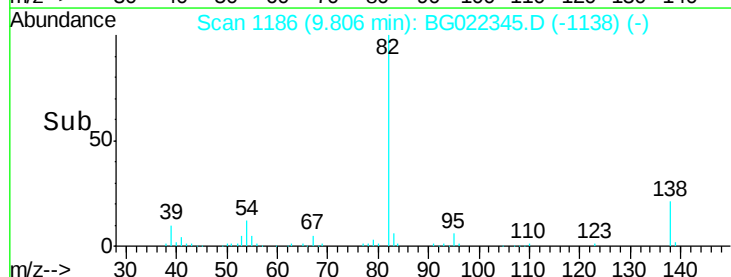
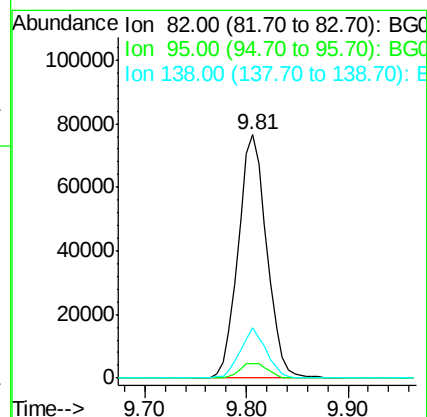
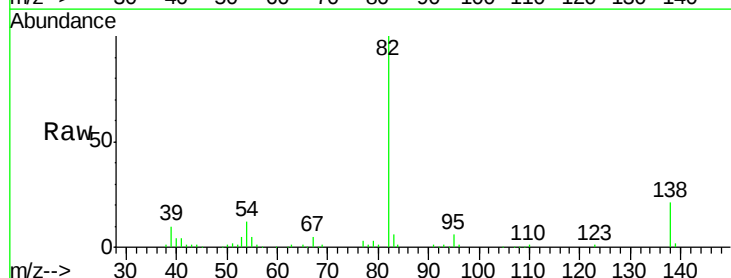
Tgt Ion: 82 Resp: 149183

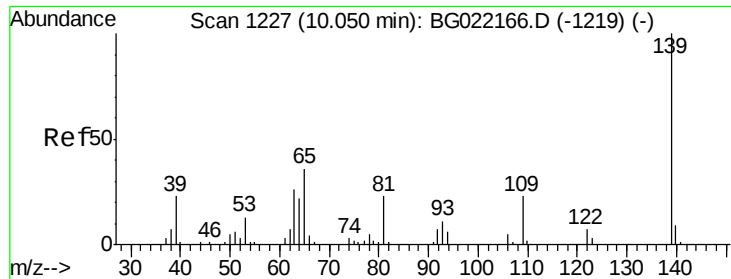
Ion Ratio Lower Upper

82 100

95 5.8 6.0 9.0#

138 20.8 13.4 20.0#

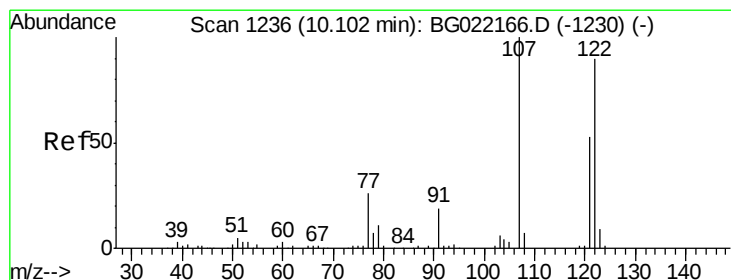
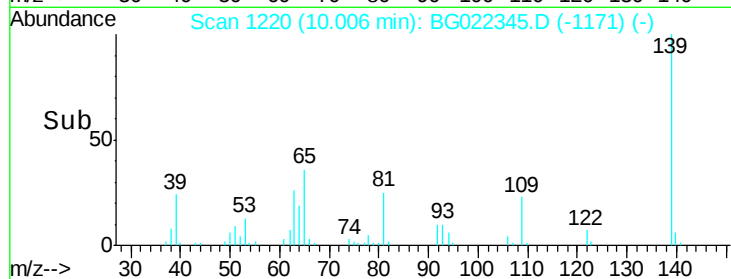
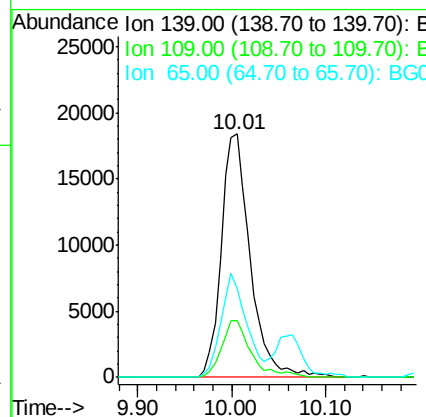
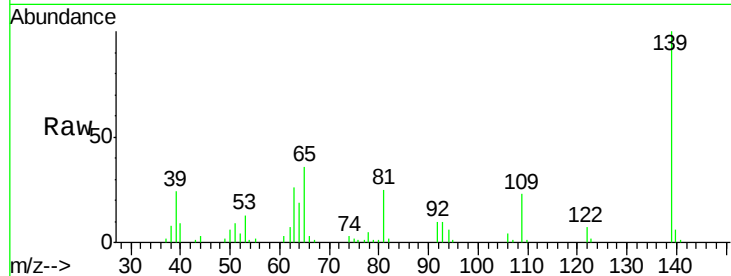




#26
2-Nitrophenol
Concen: 45.11 ng
RT: 10.01 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

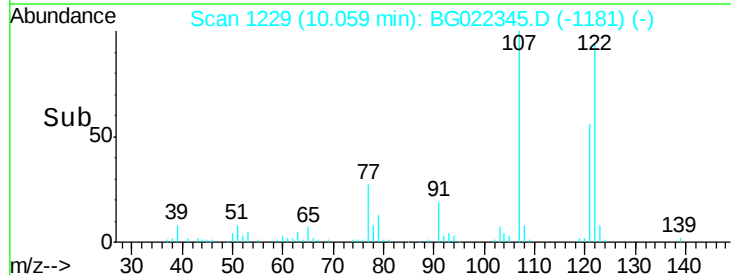
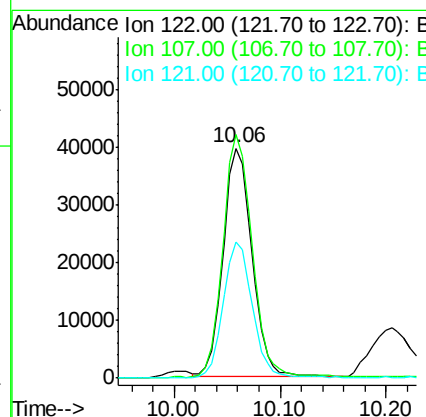
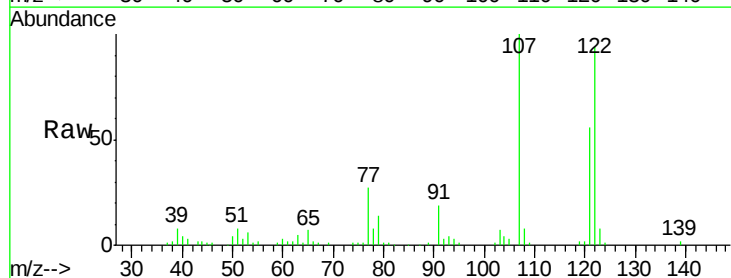
Instrument :
BNA_G
ClientSampleId :
PB91321BS

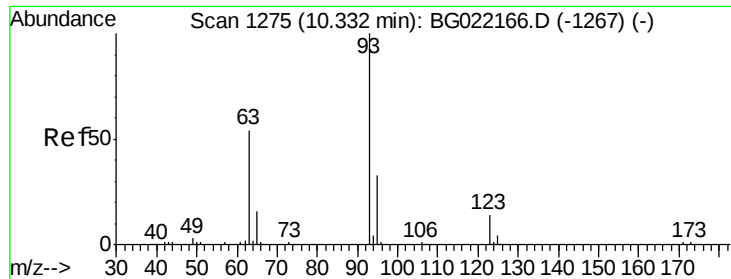
Tot Ion	Ratio	Lower	Upper
139	100		
109	23.3	26.6	40.0#
65	36.5	45.3	67.9#



#27
2,4-Dimethylphenol
Concen: 47.55 ng
RT: 10.06 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.9	97.2	145.8
121	59.3	49.0	73.4

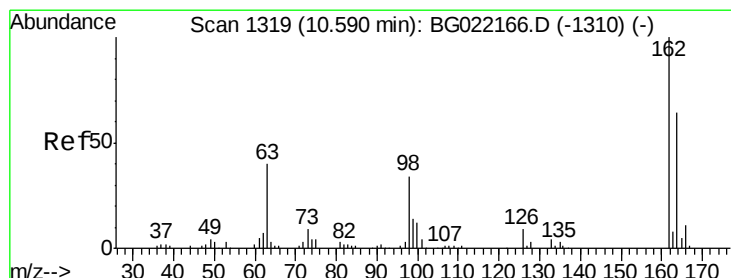
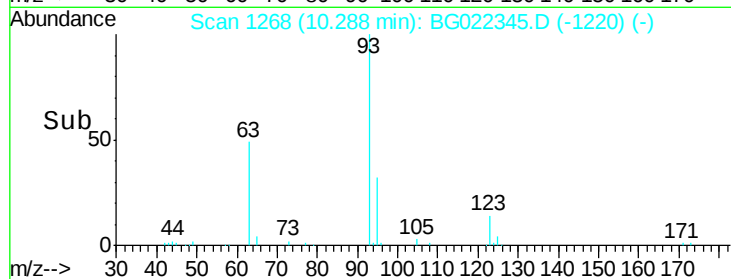
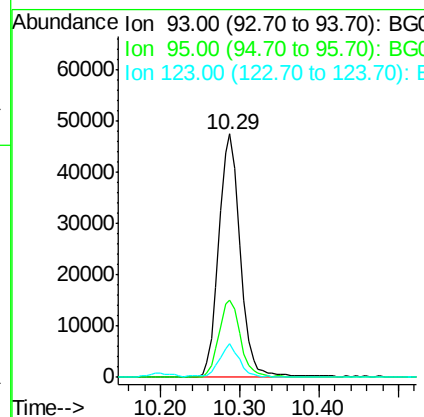
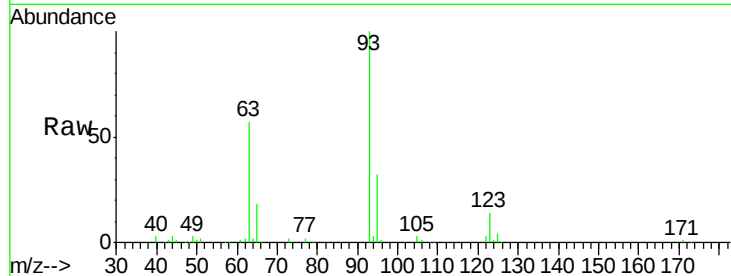




#28
bis(2-Chloroethoxy)methane
Concen: 41.74 ng
RT: 10.29 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

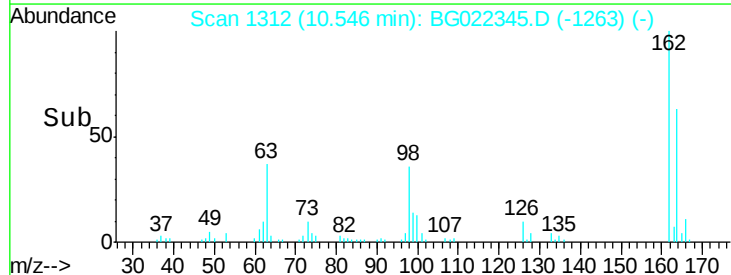
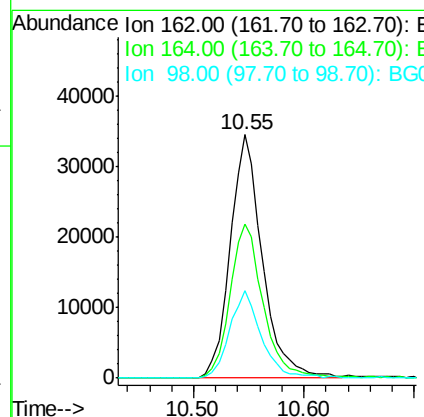
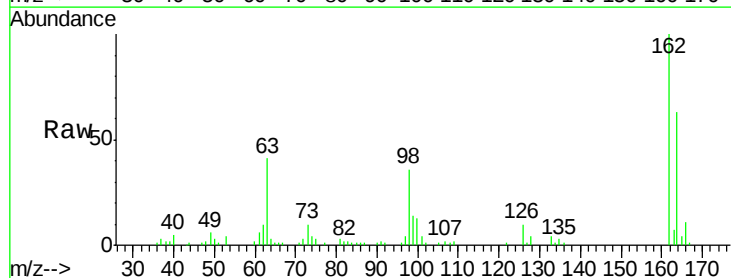
Instrument :
BNA_G
ClientSampleId :
PB91321BS

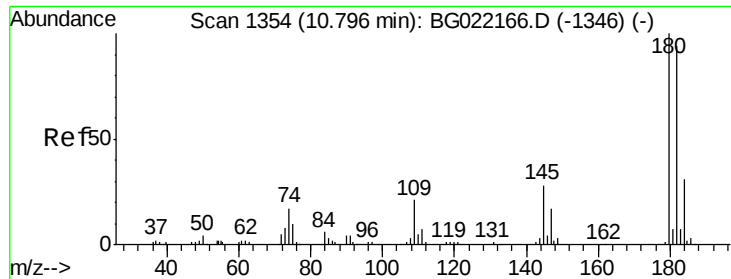
Tot Ion: 93 Resp: 89984
Ion Ratio Lower Upper
93 100
95 31.5 30.1 45.1
123 13.8 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 47.68 ng
RT: 10.55 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion: 162 Resp: 70120
Ion Ratio Lower Upper
162 100
164 63.1 44.9 84.9
98 36.0 19.2 59.2

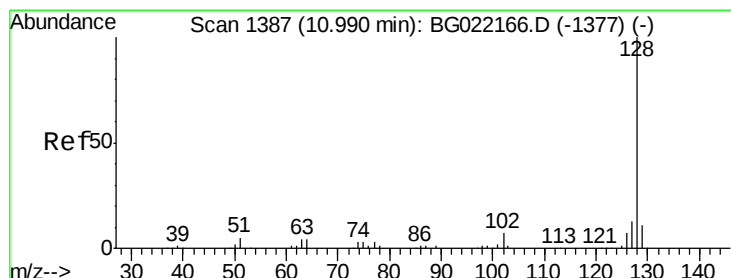
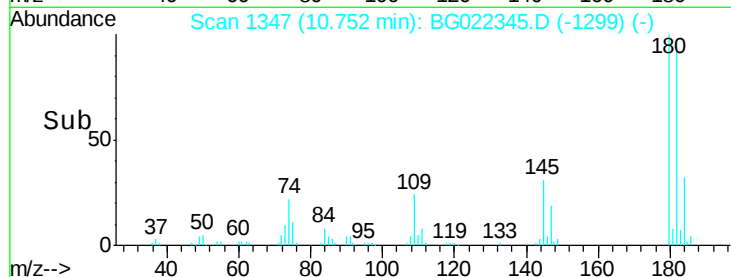
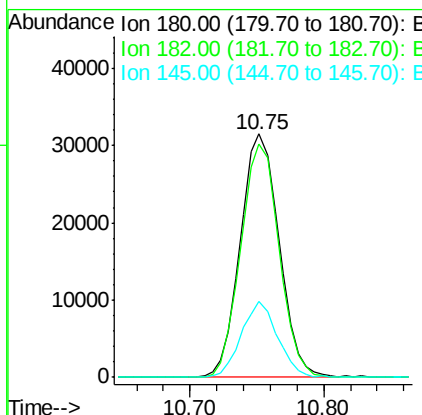
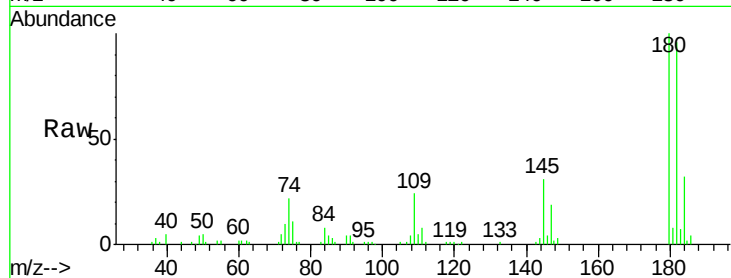




#30
1,2,4-Trichlorobenzene
Concen: 38.47 ng
RT: 10.75 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

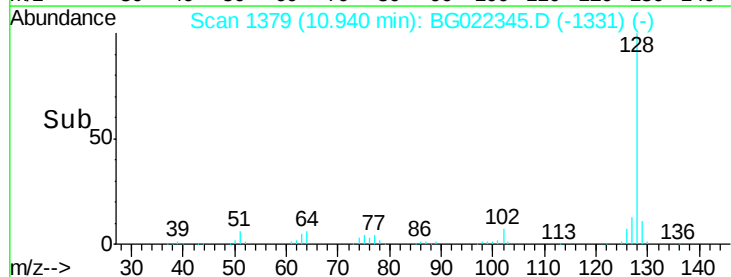
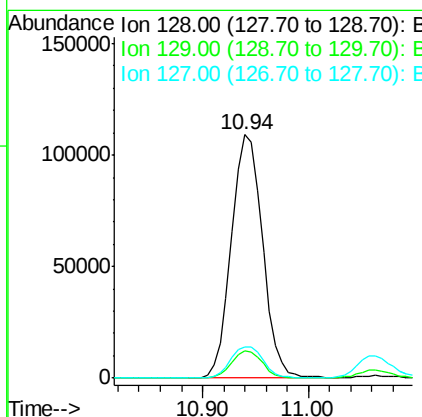
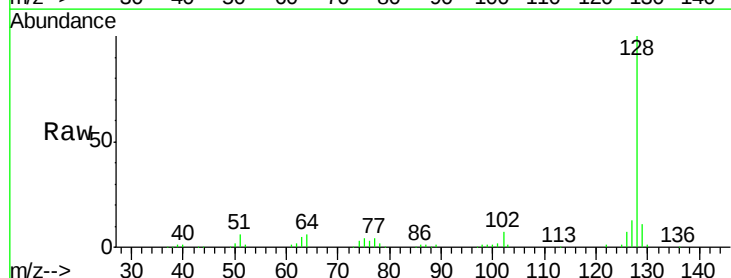
Instrument :
BNA_G
ClientSampleId :
PB91321BS

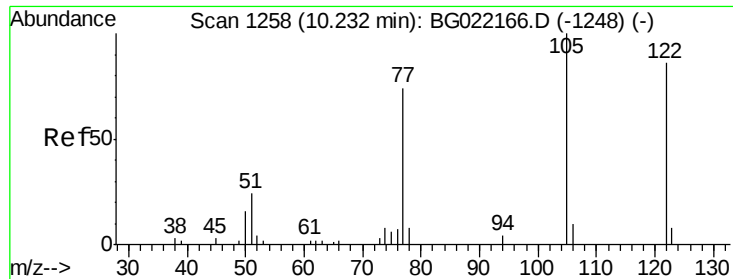
Tot Ion:180 Resp: 63225
Ion Ratio Lower Upper
180 100
182 95.8 82.3 123.5
145 31.0 24.4 36.6



#31
Naphthalene
Concen: 39.87 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:128 Resp: 223164
Ion Ratio Lower Upper
128 100
129 11.0 7.0 10.6#
127 12.9 10.1 15.1

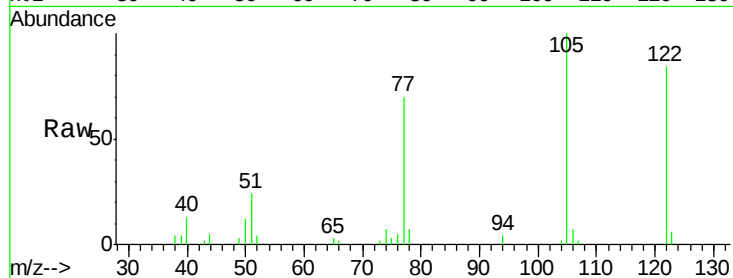




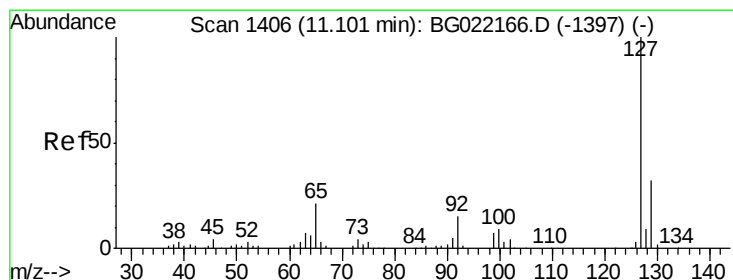
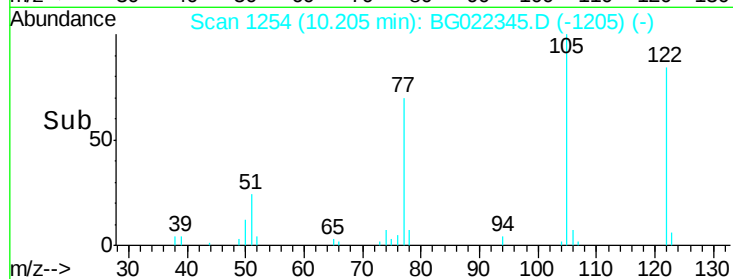
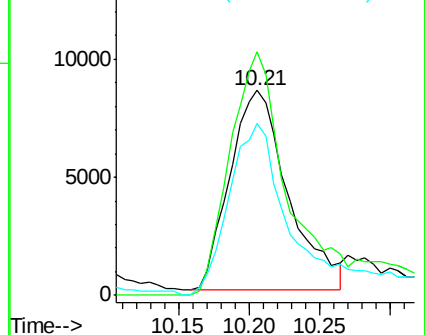
#32
Benzoic acid
Concen: 46.06 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion:122 Resp: 24608
Ion Ratio Lower Upper
122 100
105 118.8 104.5 144.5
77 83.7 79.9 119.9

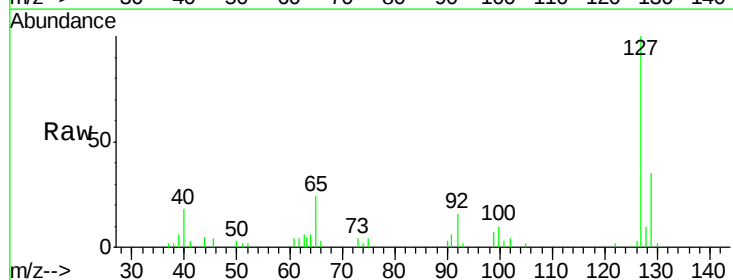


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

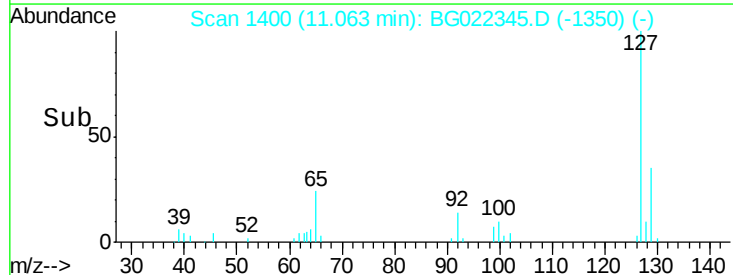
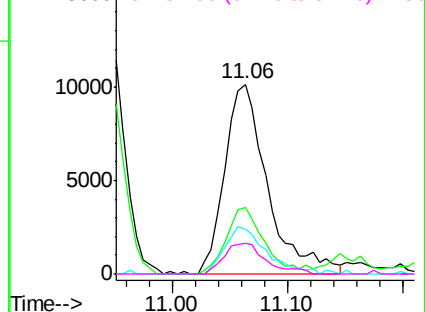


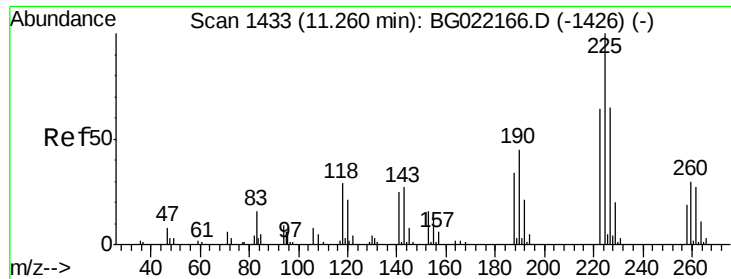
#33
4-Chloroaniline
Concen: 11.22 ng
RT: 11.06 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:127 Resp: 26103
Ion Ratio Lower Upper
127 100
129 34.8 26.6 39.8
65 23.7 27.5 41.3#
92 16.3 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: 37.15 ng

RT: 11.22 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

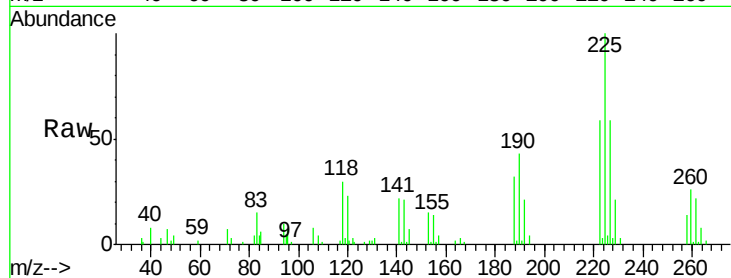
Tot Ion:225 Resp: 32778

Ion Ratio Lower Upper

225 100

223 57.1 52.7 79.1

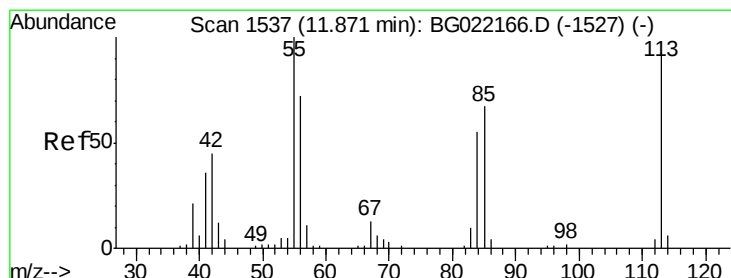
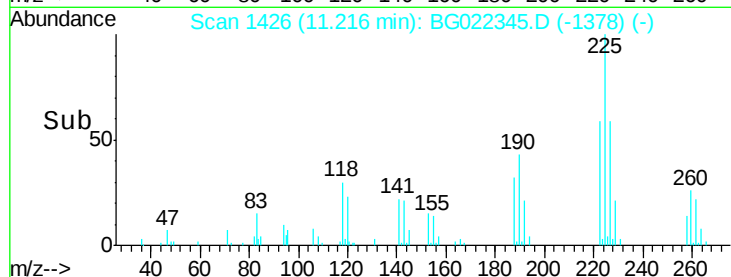
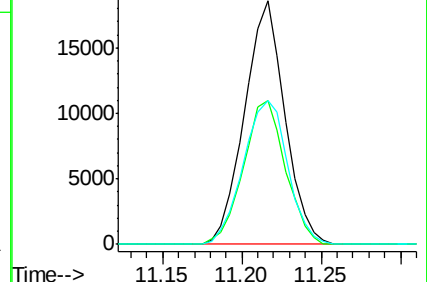
227 59.5 49.7 74.5



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: 43.40 ng m

RT: 11.83 min Scan# 1530

Delta R.T. -0.04 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

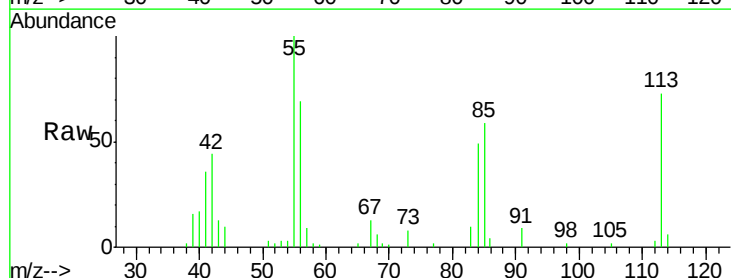
Tgt Ion:113 Resp: 35013

Ion Ratio Lower Upper

113 100

55 137.4 194.2 234.2#

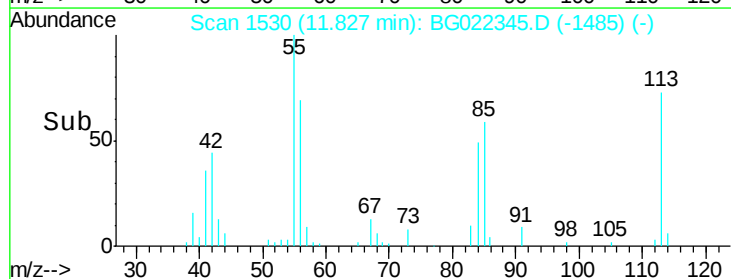
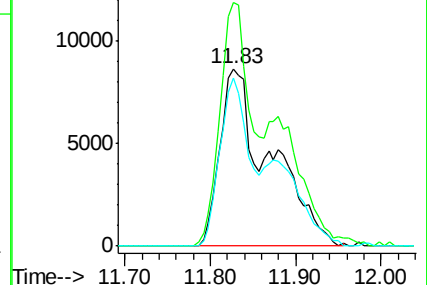
56 94.8 122.6 162.6#

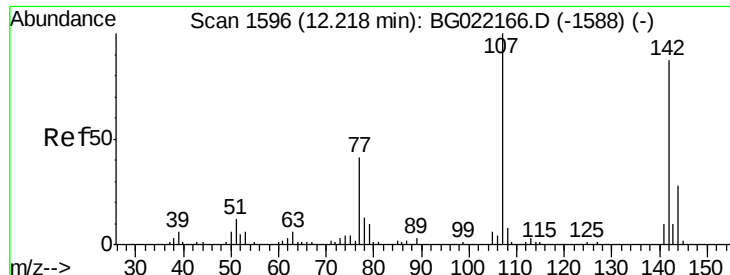


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

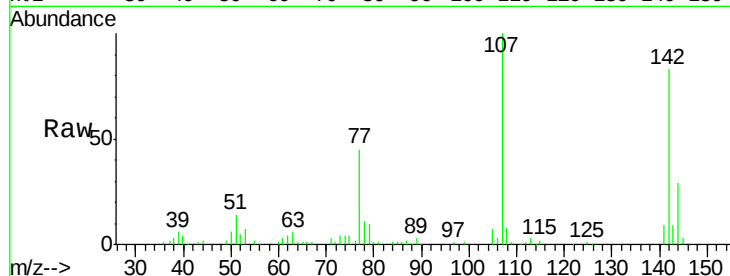




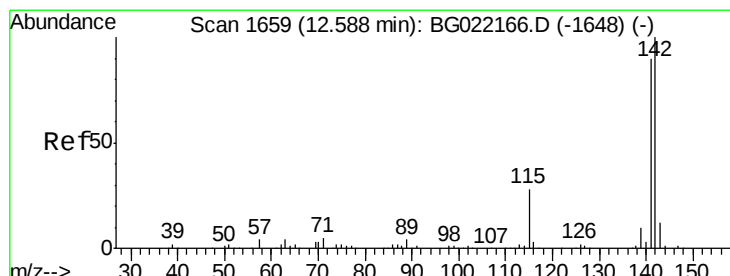
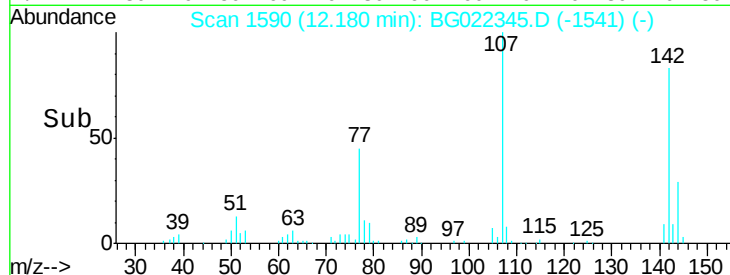
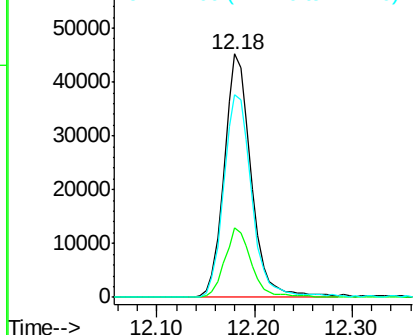
#36
4-Chloro-3-methylphenol
Concen: 49.79 ng
RT: 12.18 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion:107 Resp: 86786
Ion Ratio Lower Upper
107 100
144 28.7 19.2 28.8
142 83.3 59.1 88.7

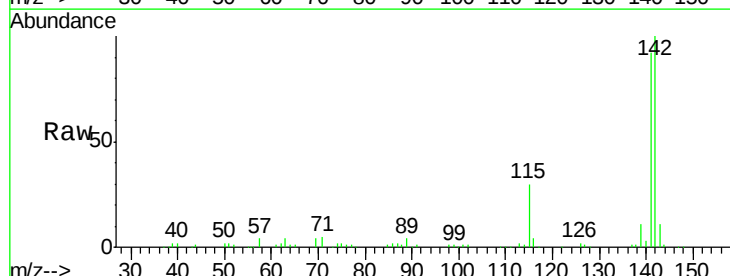


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

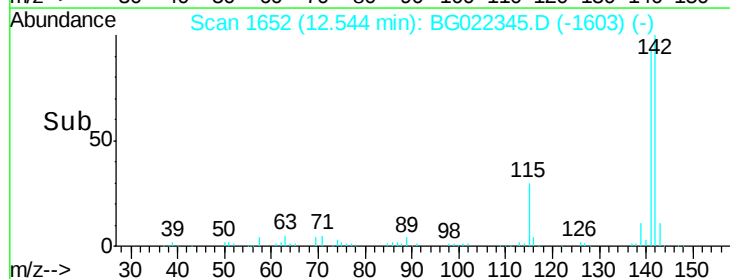
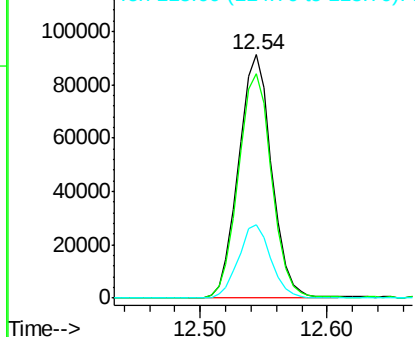


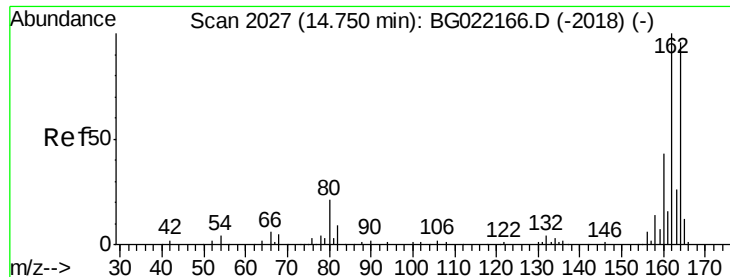
#37
2-Methylnaphthalene
Concen: 40.05 ng
RT: 12.54 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:142 Resp: 165485
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.0
115 30.1 27.4 41.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

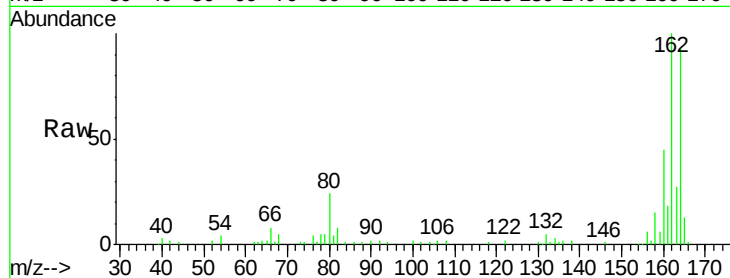
BNA_G

ClientSampleId :

PB91321BS

Tot Ion:164 Resp: 72197

Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.0	117.0
160	48.6	32.9	49.3

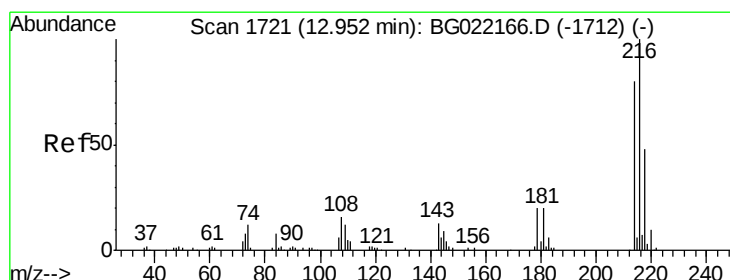
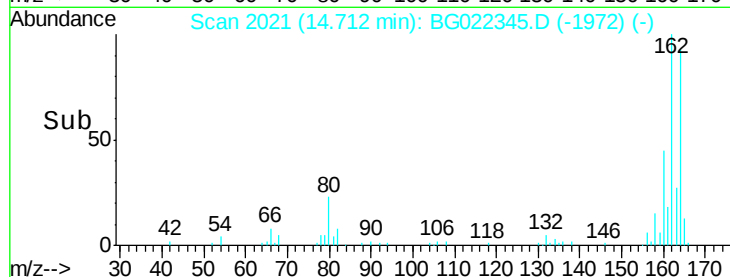
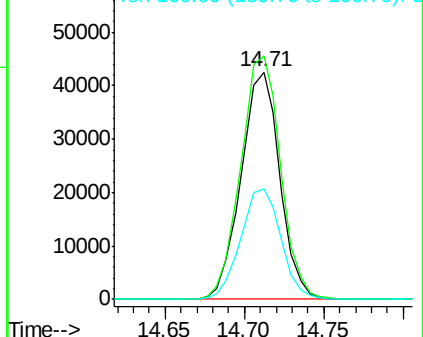


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.67 ng

RT: 12.91 min Scan# 1714

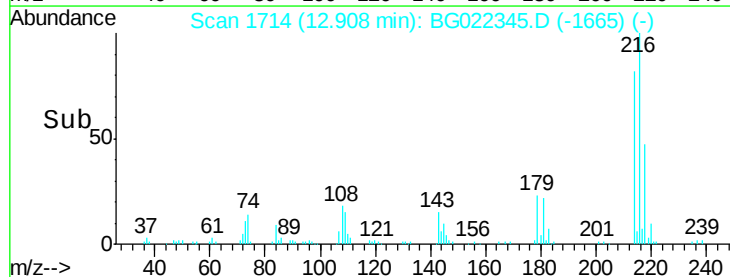
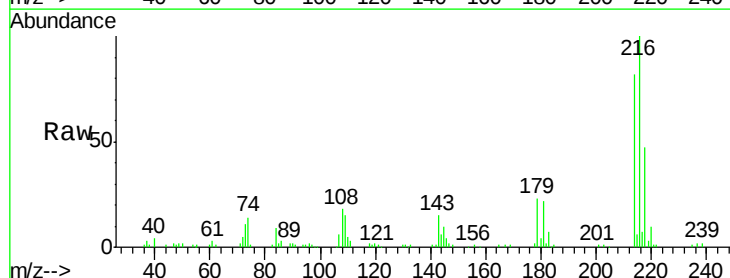
Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Tgt Ion:216 Resp: 70002

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.2	93.2
179	21.4	16.7	25.1
108	19.1	14.0	21.0



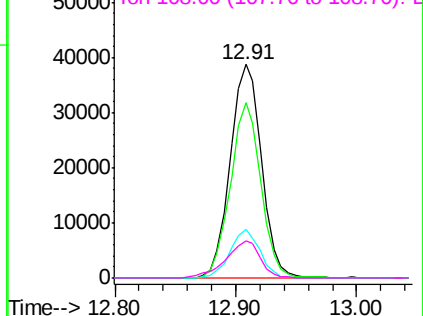
Abundance

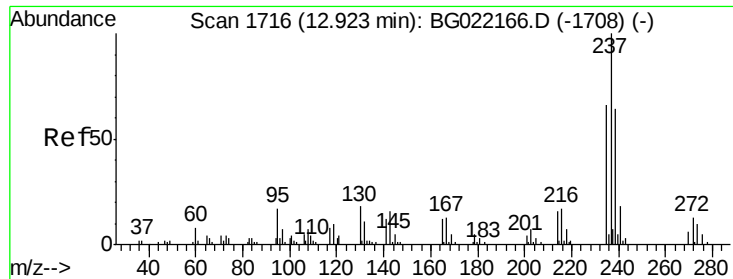
Ion 216.00 (215.70 to 216.70): E

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: 47.56 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

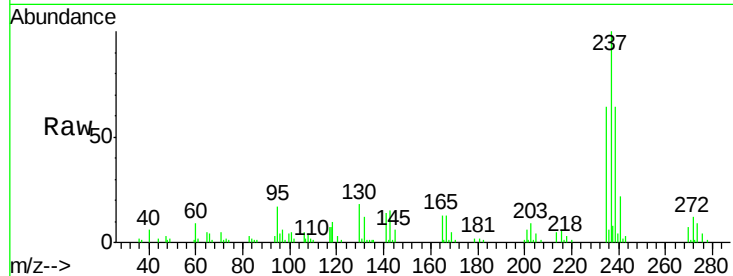
Tot Ion:237 Resp: 42954

Ion Ratio Lower Upper

237 100

235 64.0 43.2 83.2

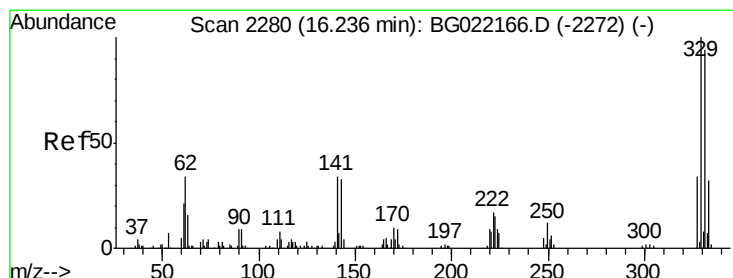
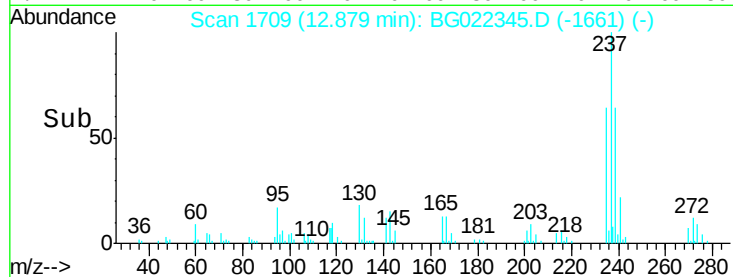
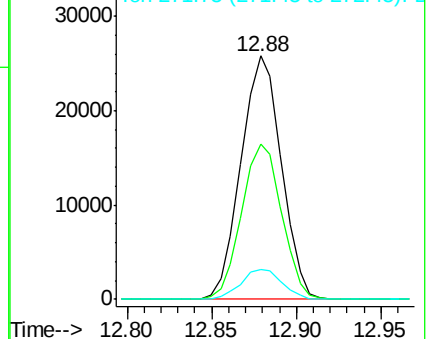
272 12.4 0.0 33.4



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: 130.01 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

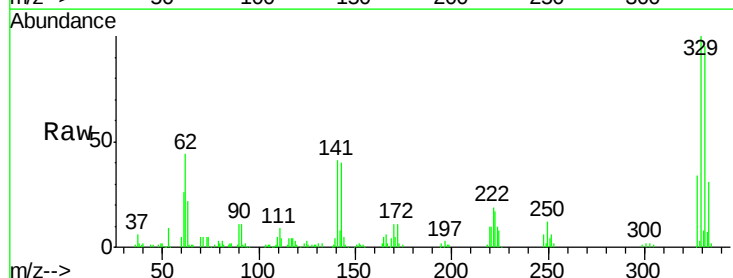
Tgt Ion:330 Resp: 106062

Ion Ratio Lower Upper

330 100

332 95.2 78.0 117.0

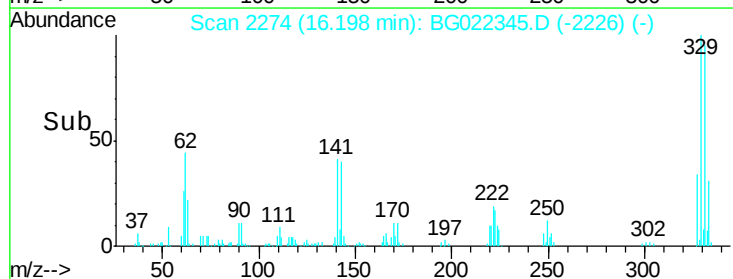
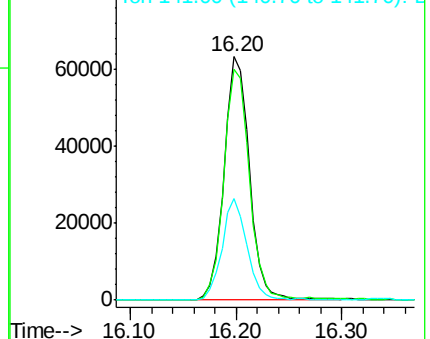
141 41.3 33.8 50.8

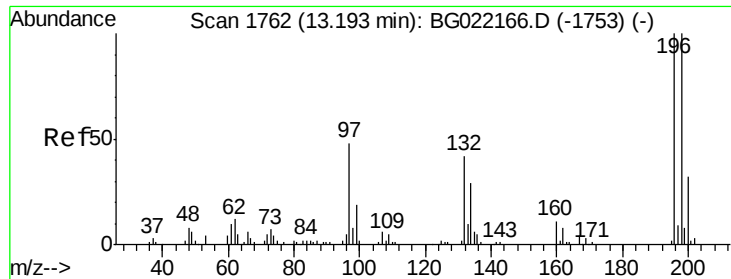


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

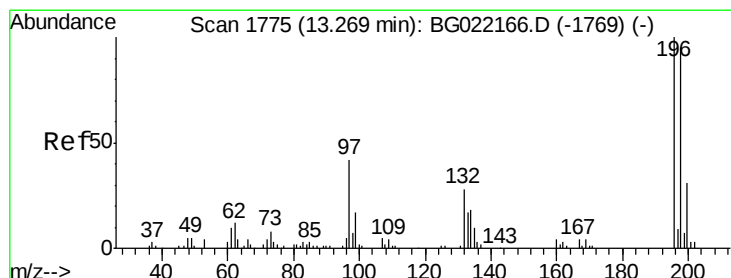
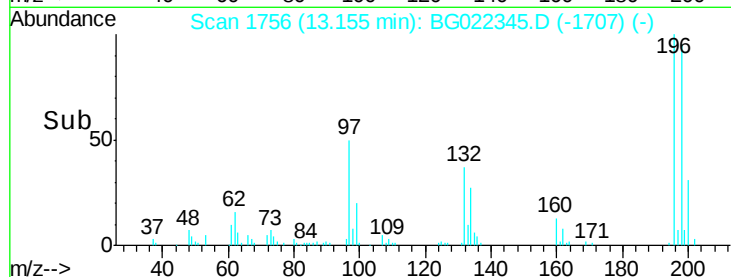
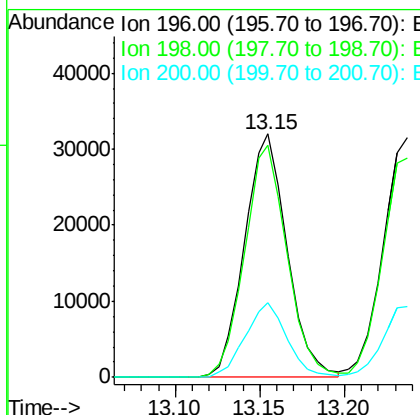
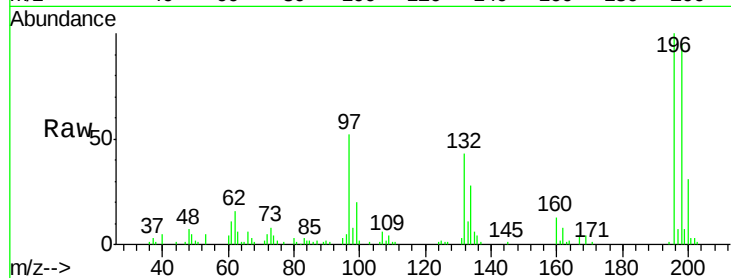




#42
 2,4,6-Trichlorophenol
 Concen: 44.97 ng
 RT: 13.15 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

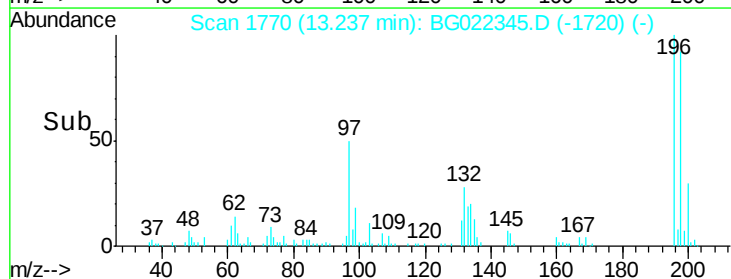
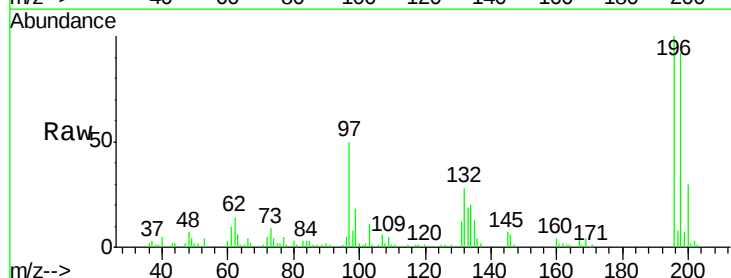
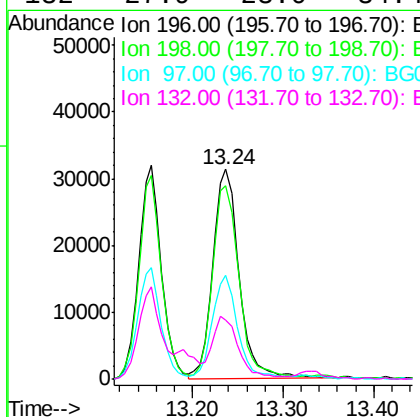
Instrument :
 BNA_G
 ClientSampled :
 PB91321BS

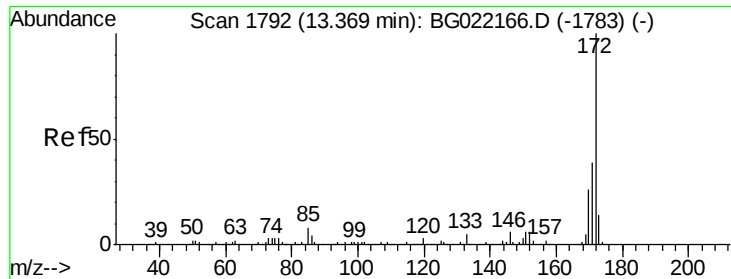
Tot Ion:196 Resp: 56064
 Ion Ratio Lower Upper
 196 100
 198 95.2 80.1 120.1
 200 33.7 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 45.35 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Tgt Ion:196 Resp: 62461
 Ion Ratio Lower Upper
 196 100
 198 92.0 78.0 117.0
 97 49.7 43.0 64.6
 132 27.9 23.0 34.4

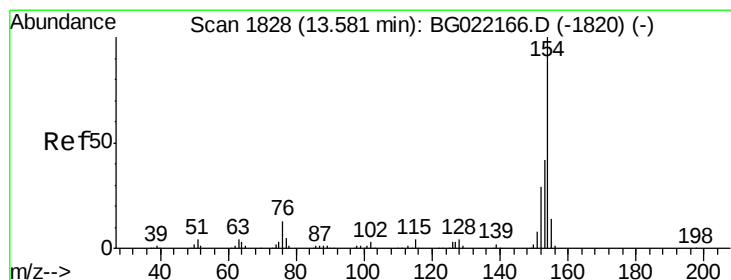
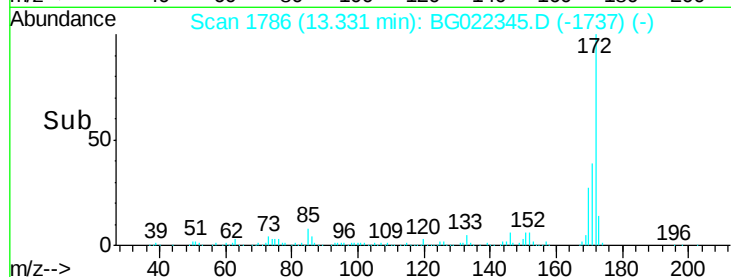
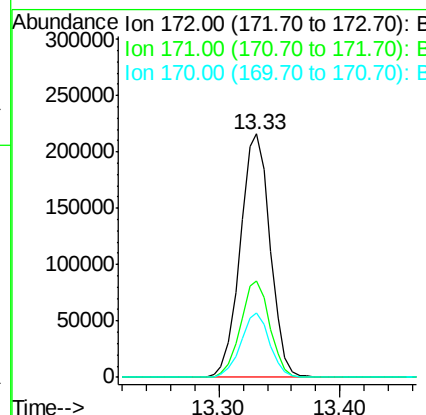
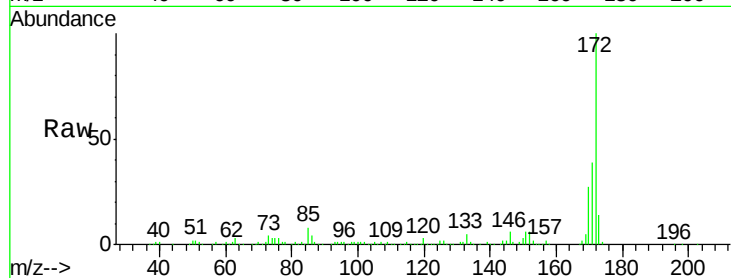




#44
 2-Fluorobiphenyl
 Concen: 78.50 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

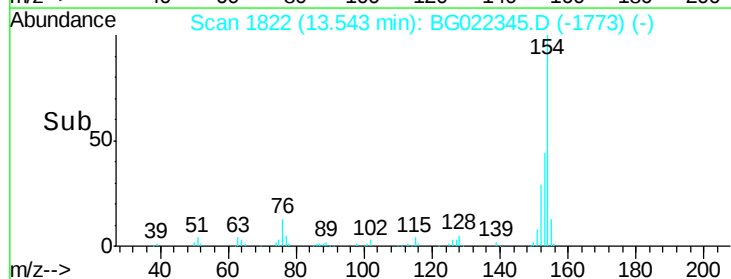
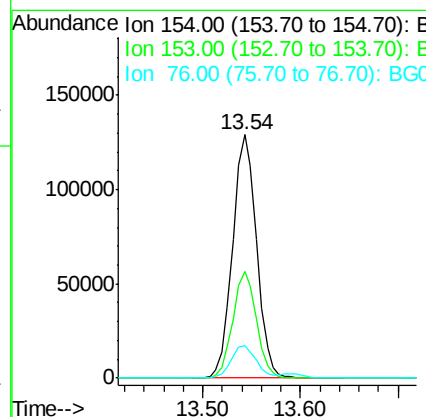
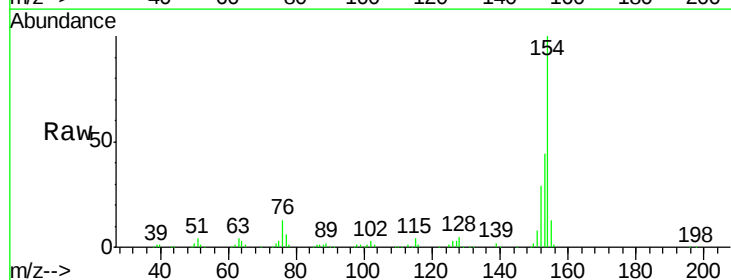
Instrument :
 BNA_G
 ClientSampleId :
 PB91321BS

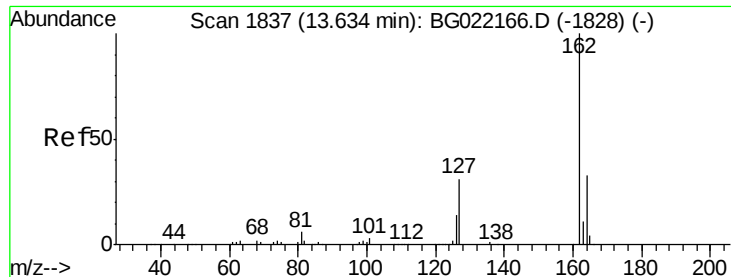
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	27.8	41.6
170	26.7	19.6	29.4



#45
 1,1'-Biphenyl
 Concen: 40.50 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	19.7	59.7
76	13.5	0.0	33.0

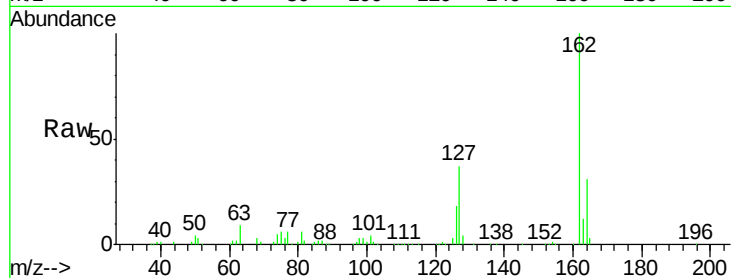




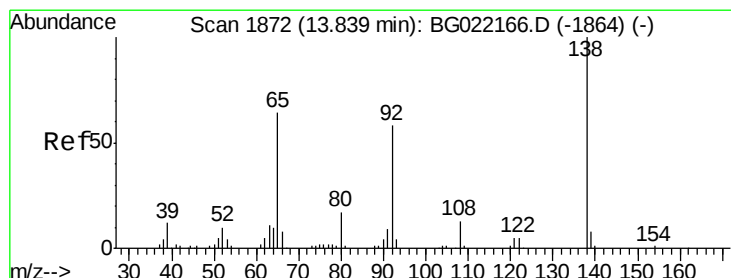
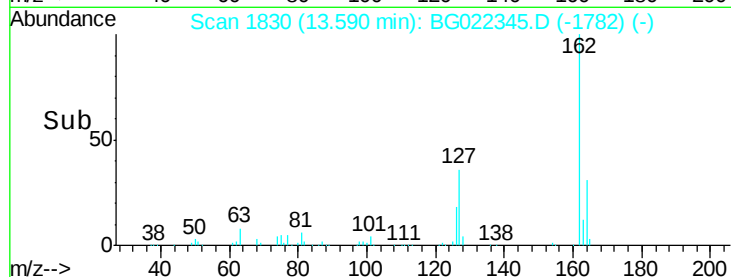
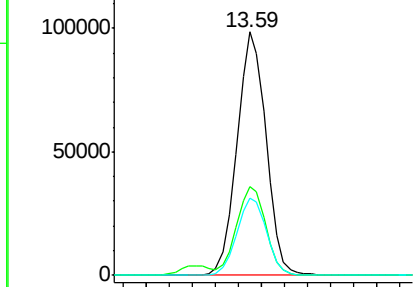
#46
2-Chloronaphthalene
Concen: 41.08 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion:162 Resp: 171103
Ion Ratio Lower Upper
162 100
127 36.7 32.0 48.0
164 31.5 27.0 40.4

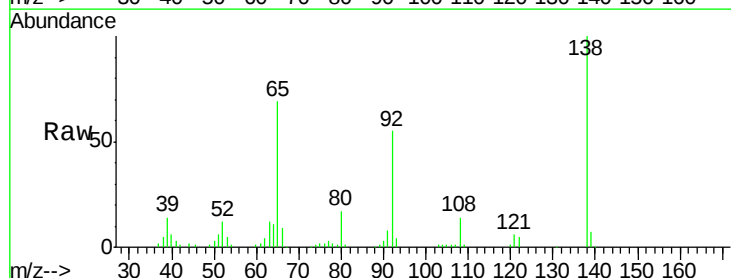


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

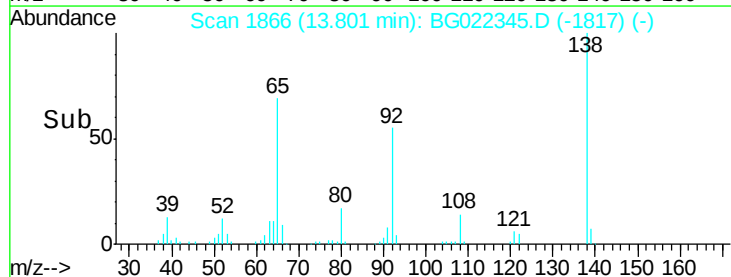
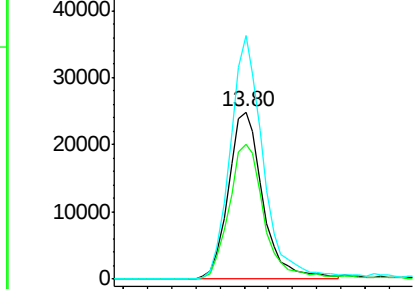


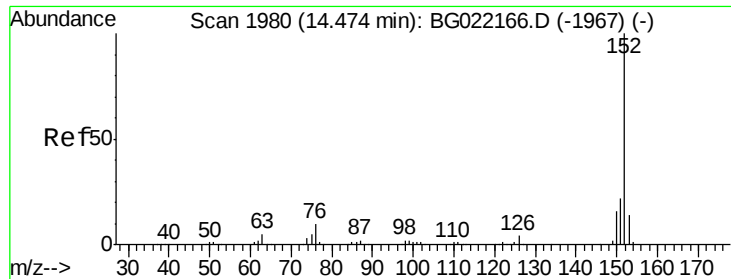
#47
2-Nitroaniline
Concen: 49.79 ng
RT: 13.80 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion: 65 Resp: 49446
Ion Ratio Lower Upper
65 100
92 80.3 49.2 73.8#
138 145.6 75.0 112.6#



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





#48

Acenaphthylene

Concen: 41.14 ng

RT: 14.44 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

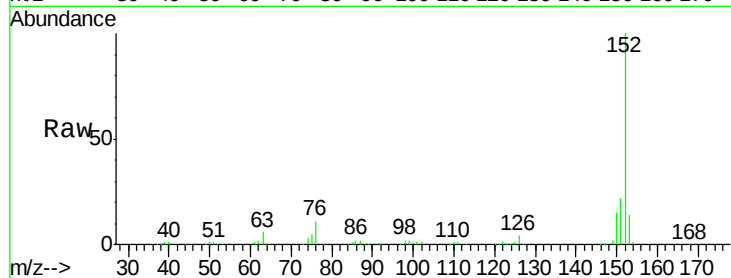
Tot Ion:152 Resp: 300677

Ion Ratio Lower Upper

152 100

151 22.1 16.6 24.8

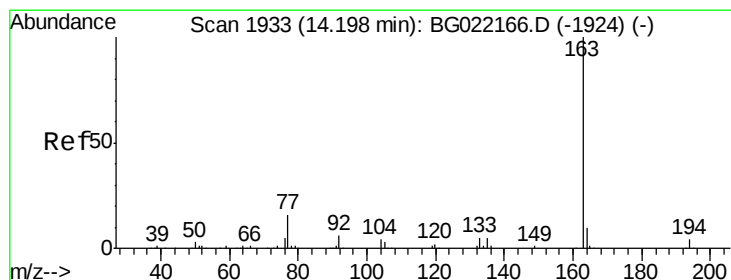
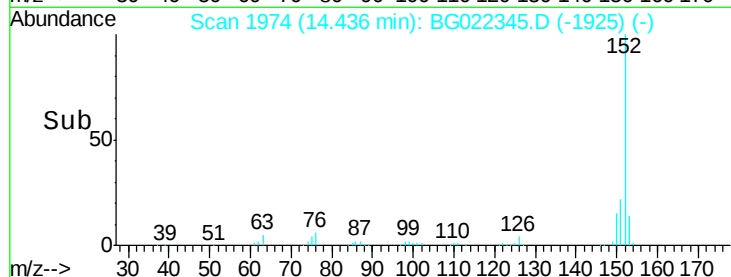
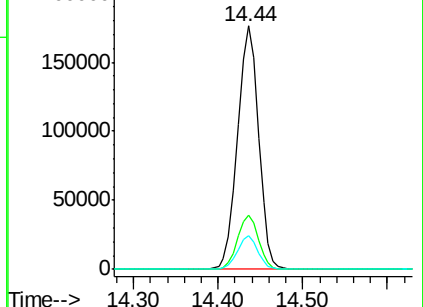
153 14.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.56 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

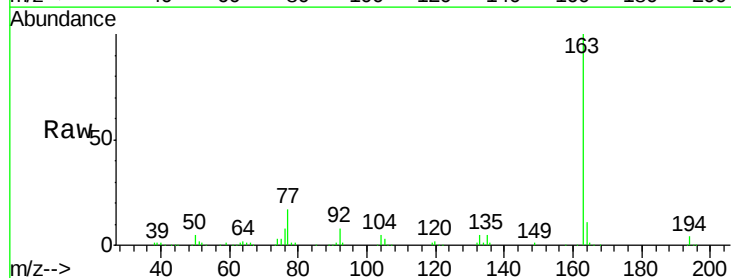
Tgt Ion:163 Resp: 242774

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

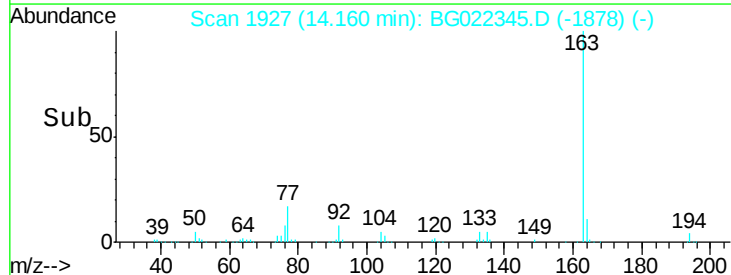
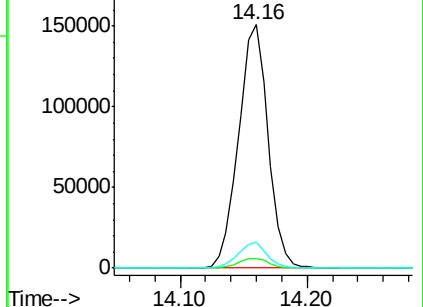
164 10.9 8.1 12.1

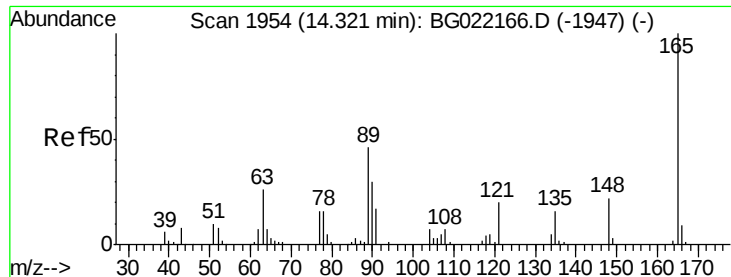


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

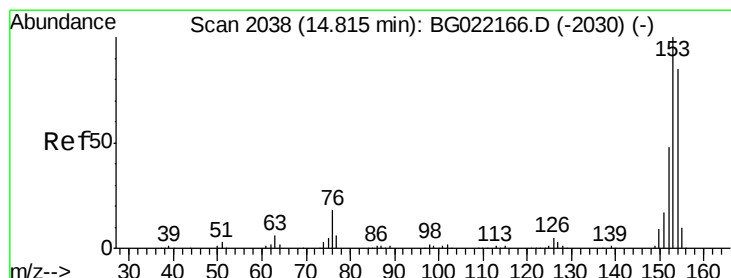
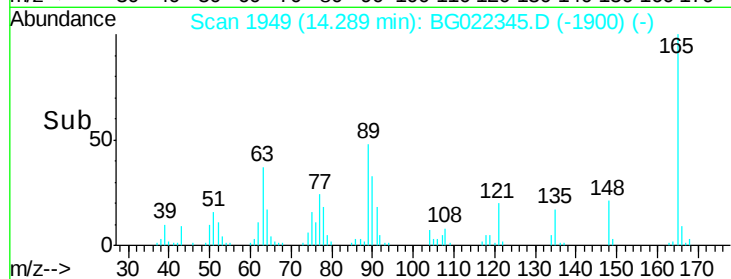
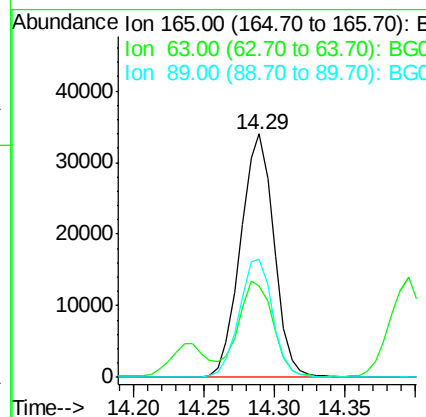
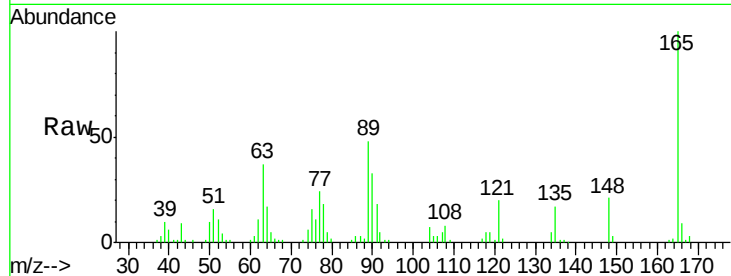




#50
2,6-Dinitrotoluene
Concen: 43.29 ng
RT: 14.29 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

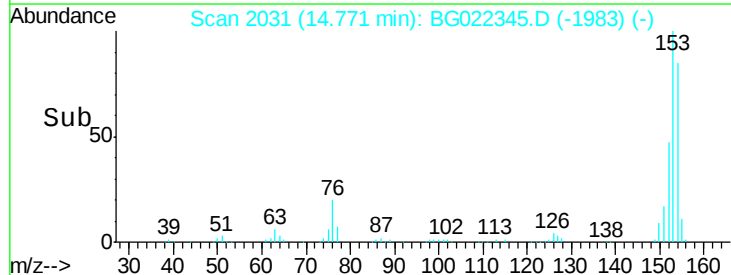
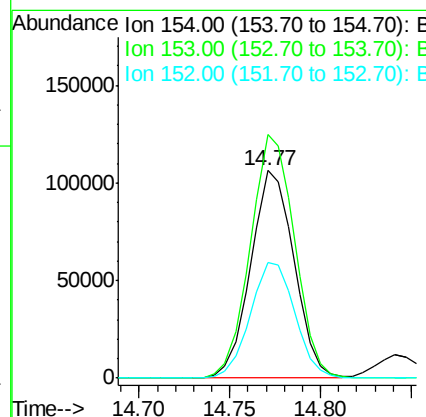
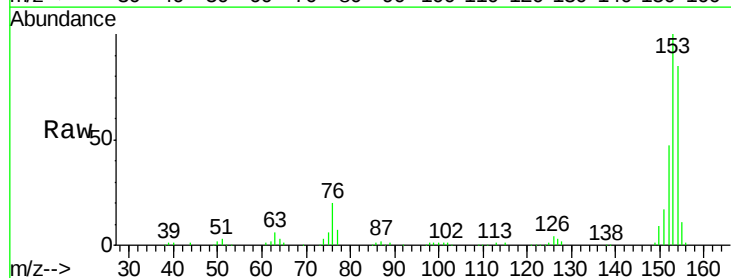
Instrument :
BNA_G
ClientSampleId :
PB91321BS

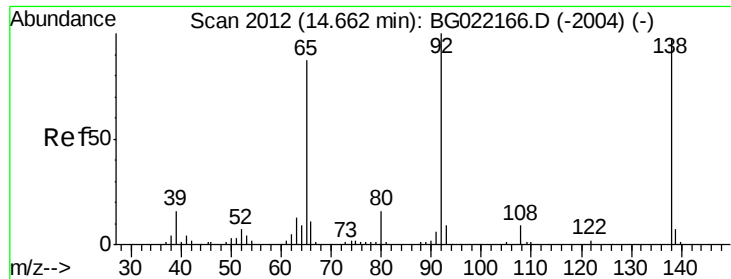
Tot Ion:165 Resp: 56331
Ion Ratio Lower Upper
165 100
63 37.4 48.2 72.4#
89 48.4 45.3 67.9



#51
Acenaphthene
Concen: 40.46 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:154 Resp: 177158
Ion Ratio Lower Upper
154 100
153 117.4 91.9 137.9
152 55.7 42.0 63.0

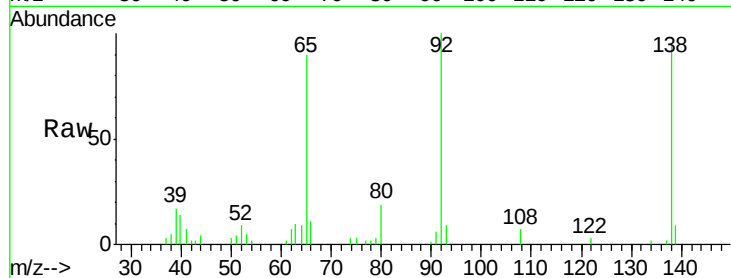




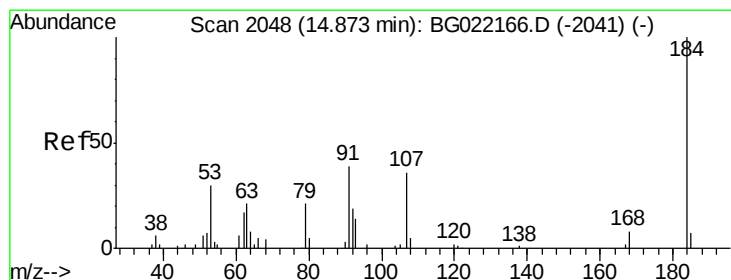
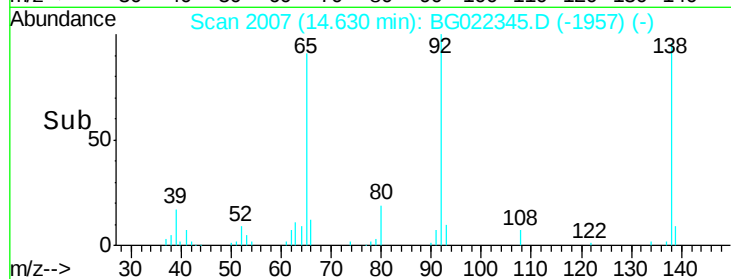
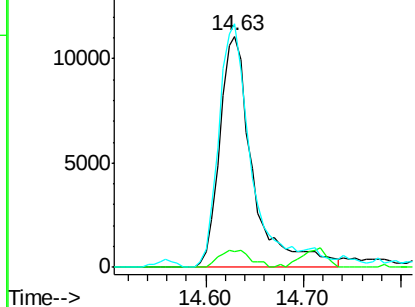
#52
3-Nitroaniline
Concen: 18.09 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion:138 Resp: 26109
Ion Ratio Lower Upper
138 100
108 6.9 9.1 13.7#
92 105.4 102.6 154.0

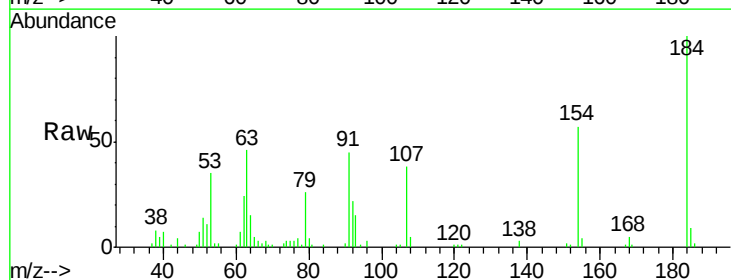


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

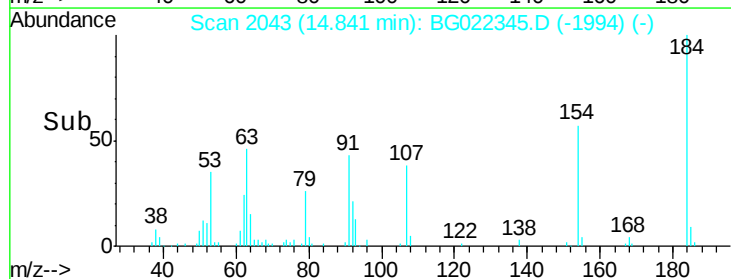
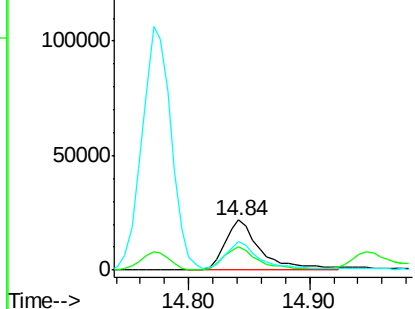


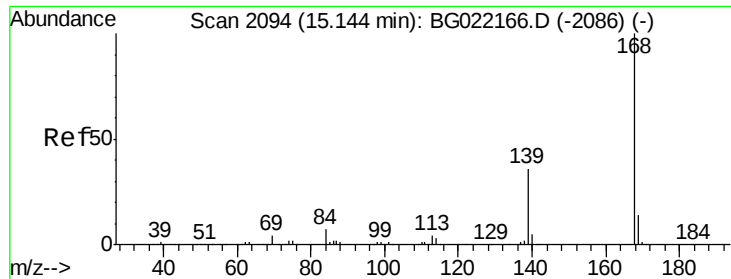
#53
2,4-Dinitrophenol
Concen: 83.22 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:184 Resp: 44492
Ion Ratio Lower Upper
184 100
63 46.5 57.3 85.9#
154 56.8 55.2 82.8



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





#54

Dibenzenofuran

Concen: 41.40 ng

RT: 15.11 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

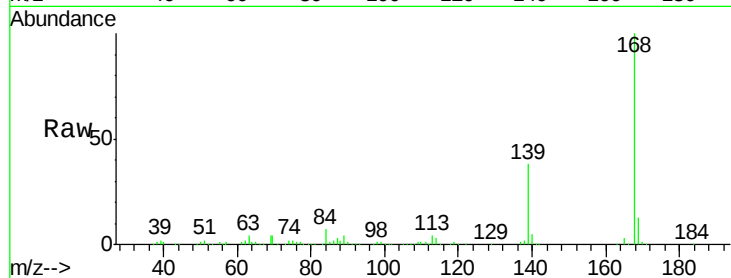
Tot Ion:168 Resp: 282888

Ion Ratio Lower Upper

168 100

139 37.6 31.1 46.7

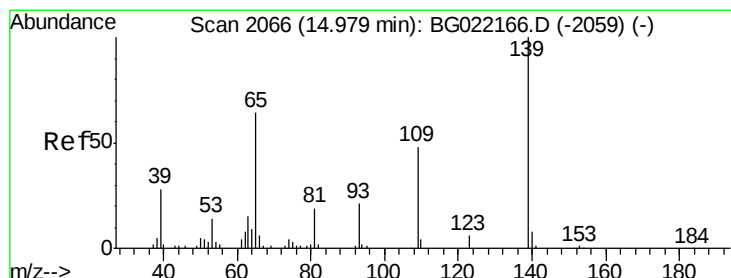
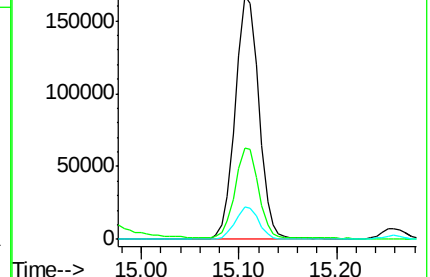
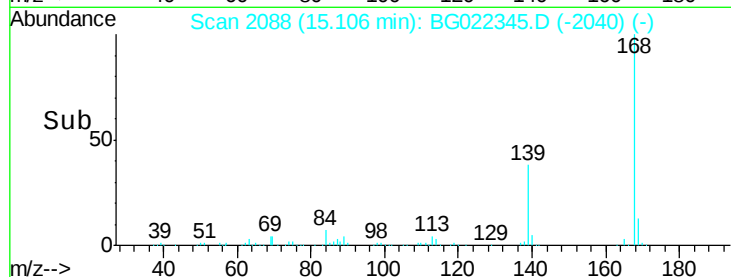
169 13.3 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 94.53 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

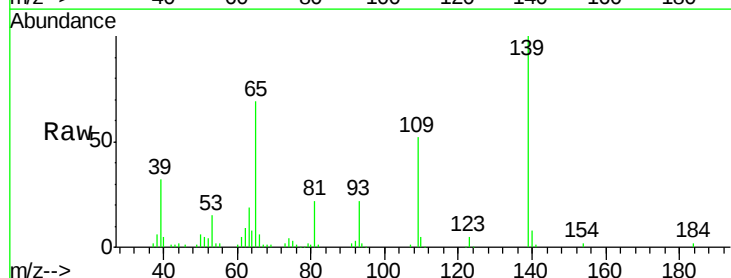
Tgt Ion:139 Resp: 94164

Ion Ratio Lower Upper

139 100

109 52.5 49.2 89.2

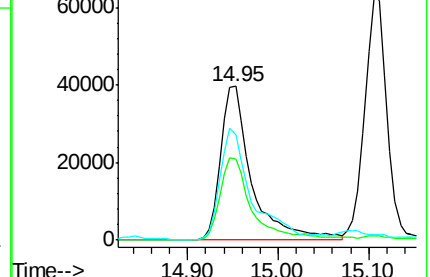
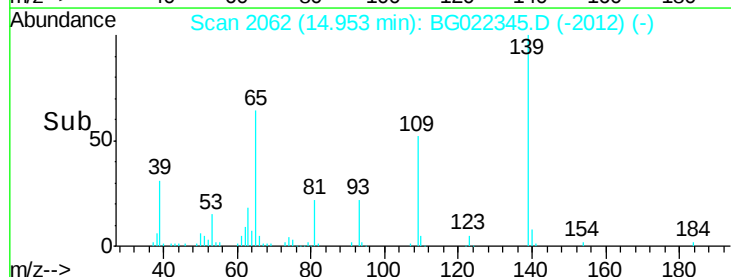
65 68.9 83.2 123.2#

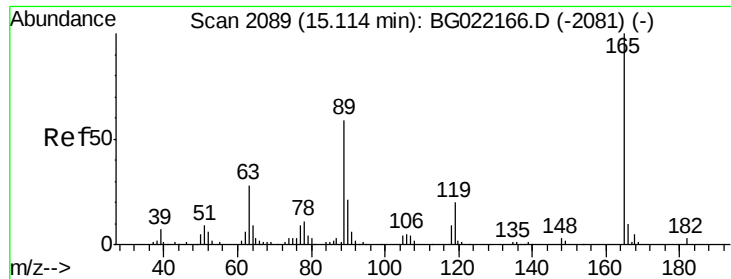


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

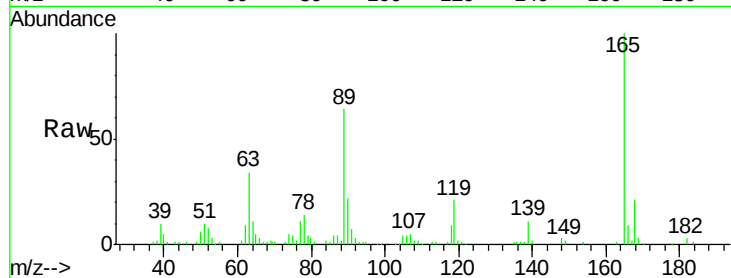




#56
2,4-Dinitrotoluene
Concen: 47.55 ng
RT: 15.08 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.2	37.4	56.0#
89	63.6	59.4	89.0
182	2.8	2.1	3.1

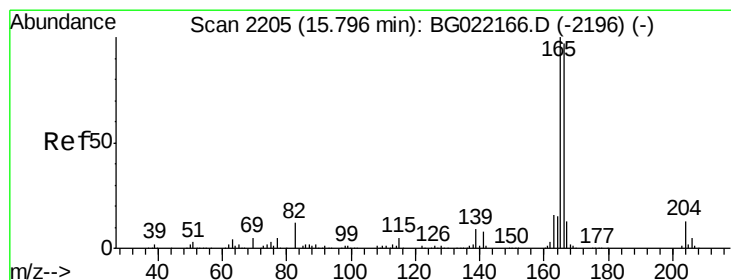
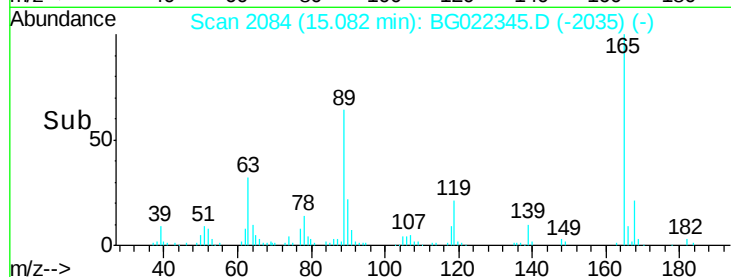
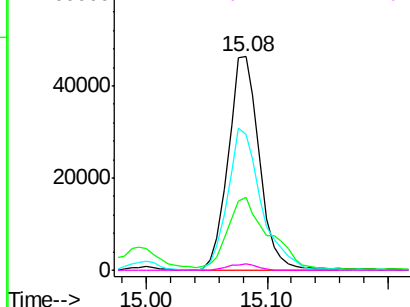


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

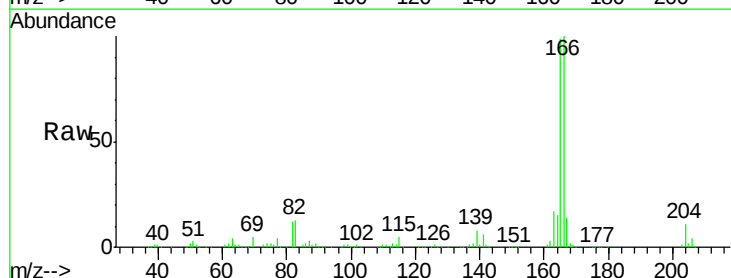
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 42.09 ng
RT: 15.76 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

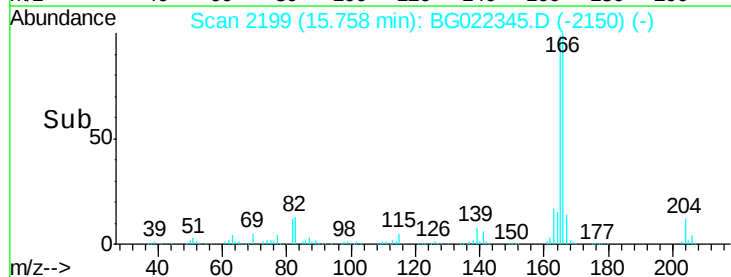
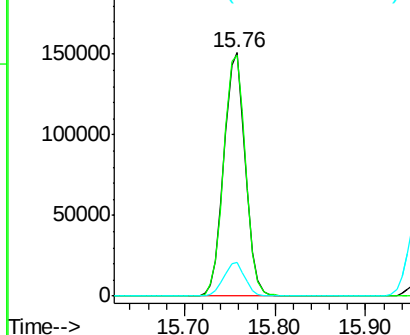
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.4
167	13.7	10.7	16.1

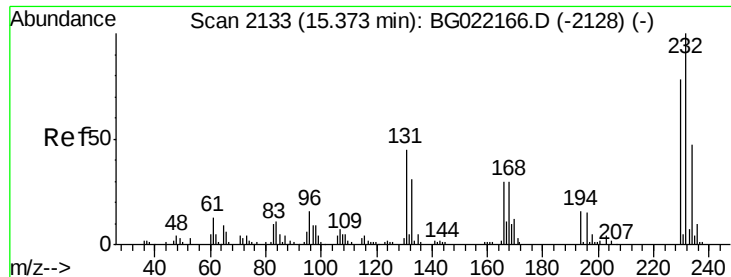


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

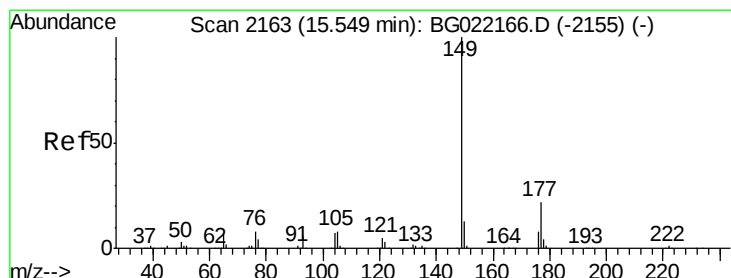
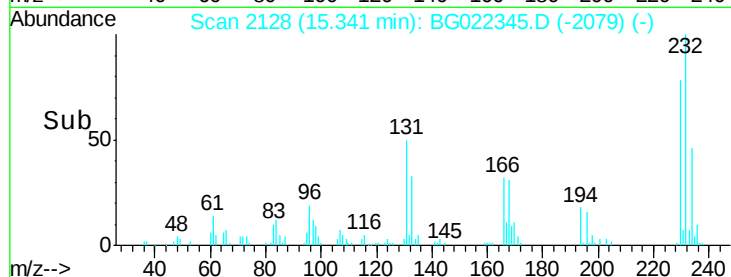
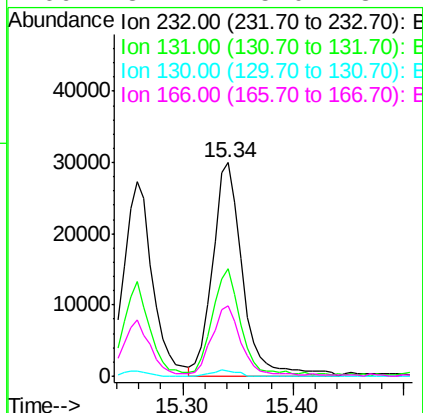
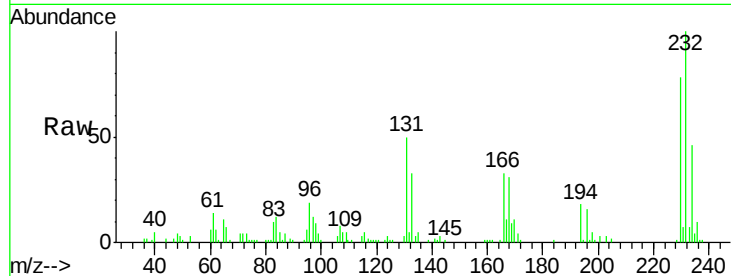




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.86 ng
 RT: 15.34 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

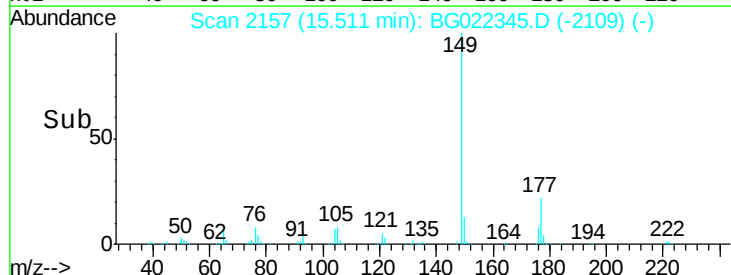
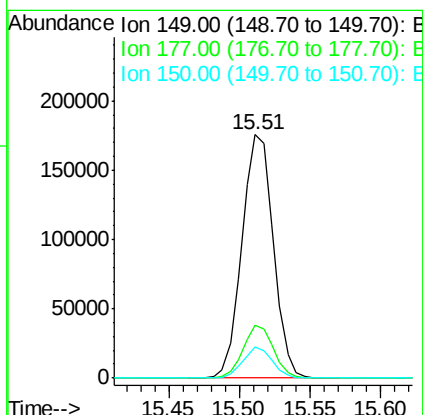
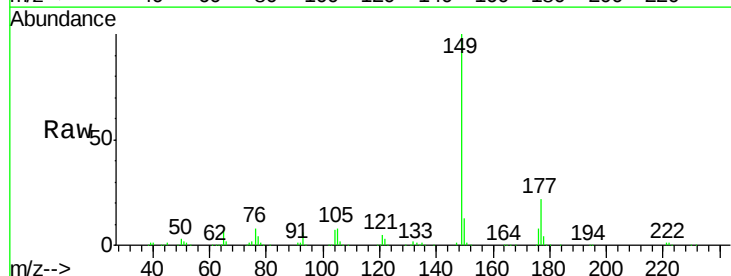
Instrument :
 BNA_G
 ClientSampled :
 PB91321BS

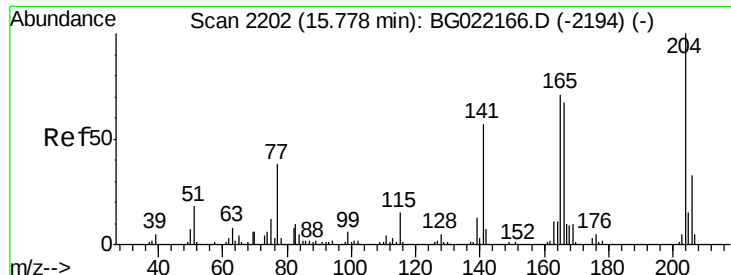
Tot Ion:232 Resp: 56661
 Ion Ratio Lower Upper
 232 100
 131 45.6 36.3 54.5
 130 2.4 1.9 2.9
 166 31.7 25.0 37.4



#59
 Diethylphthalate
 Concen: 42.72 ng
 RT: 15.51 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Tgt Ion:149 Resp: 273174
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.3 25.9
 150 12.6 9.7 14.5

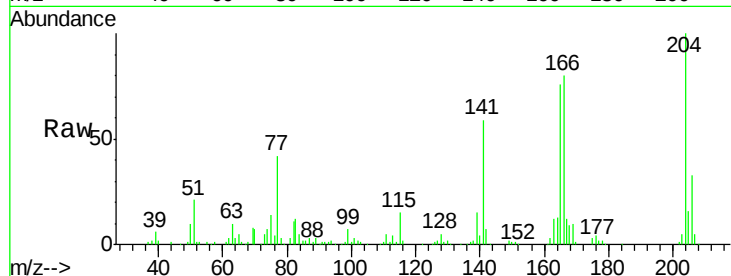




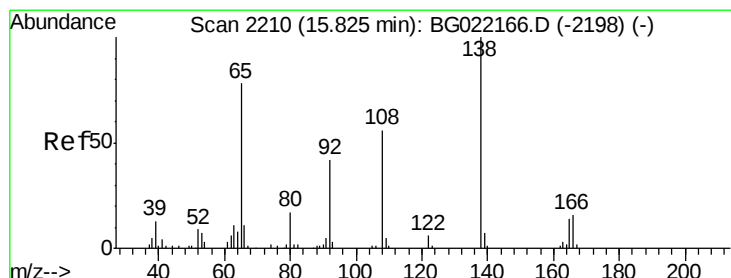
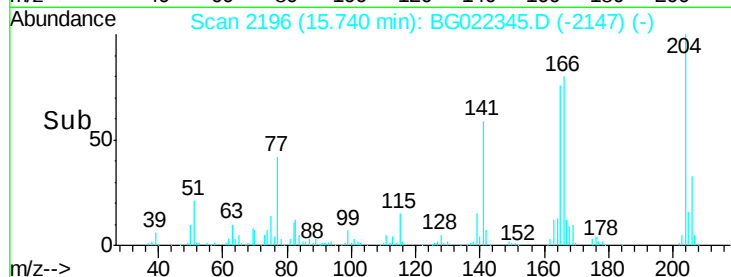
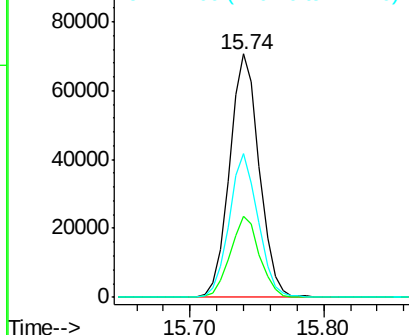
#60
4-Chlorophenyl-phenylether
Concen: 41.02 ng
RT: 15.74 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleID :
PB91321BS

Tot Ion:204 Resp: 109333
Ion Ratio Lower Upper
204 100
206 33.4 27.8 41.8
141 59.0 51.0 76.4

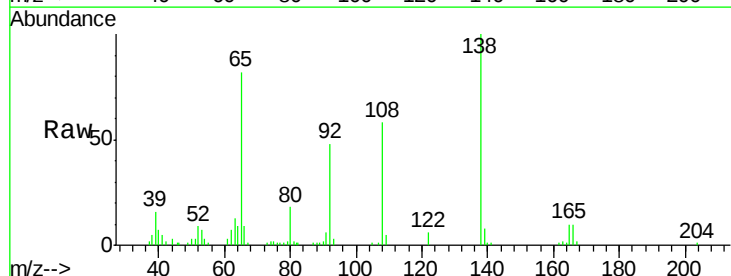


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

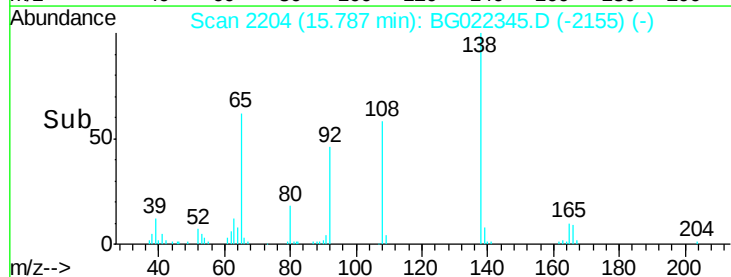
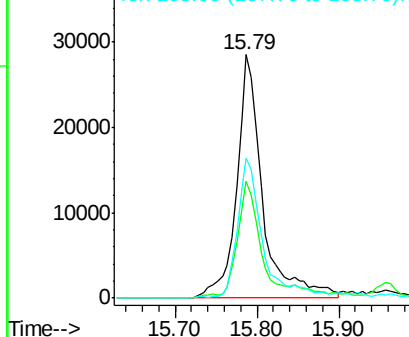


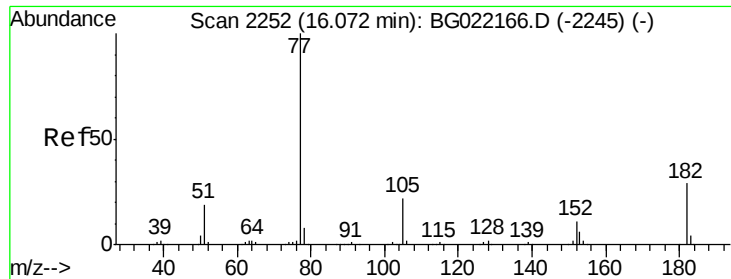
#61
4-Nitroaniline
Concen: 41.31 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:138 Resp: 63238
Ion Ratio Lower Upper
138 100
92 48.0 37.7 77.7
108 57.7 59.4 99.4#



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





#62

Azobenzene

Concen: 46.19 ng

RT: 16.03 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

Tot Ion: 77 Resp: 223699

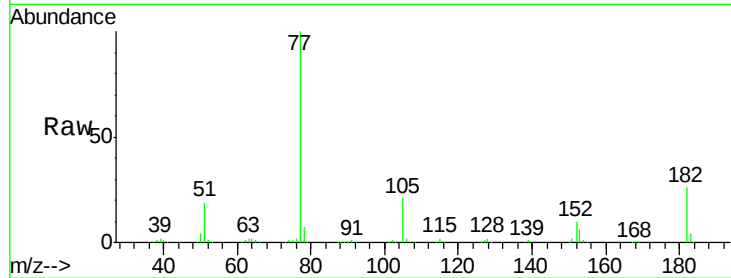
Ion Ratio Lower Upper

77 100

182 25.9 4.1 44.1

105 21.3 0.0 39.8

51 18.8 11.1 51.1

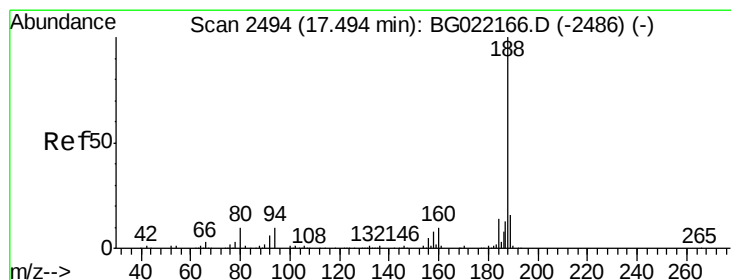
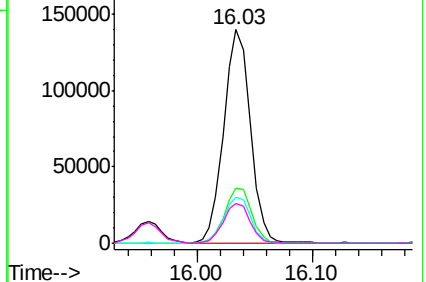
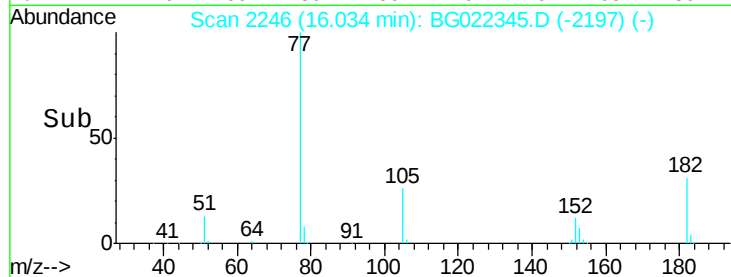


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.46 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

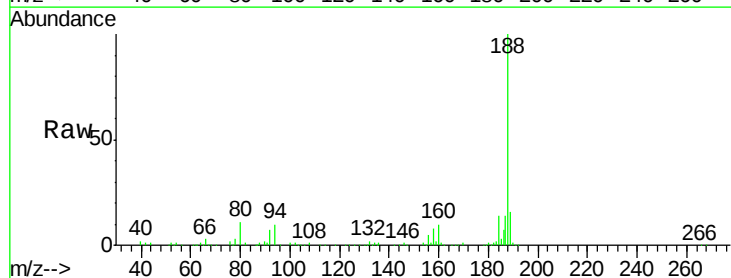
Tgt Ion: 188 Resp: 186817

Ion Ratio Lower Upper

188 100

94 10.4 7.5 11.3

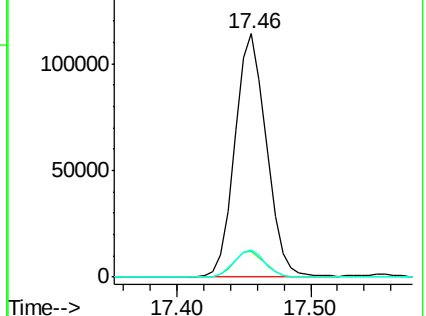
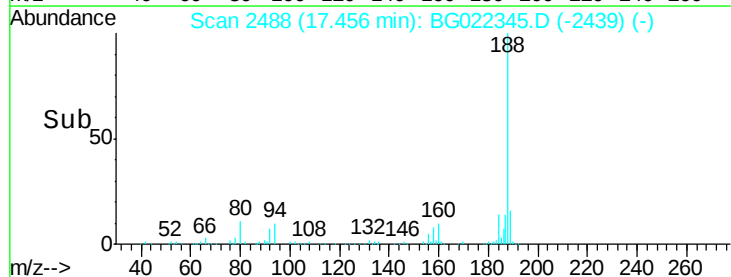
80 11.4 8.6 13.0

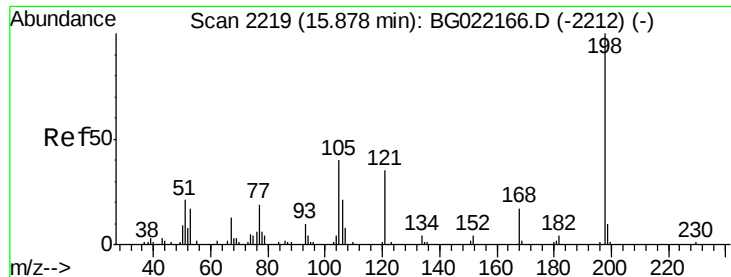


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

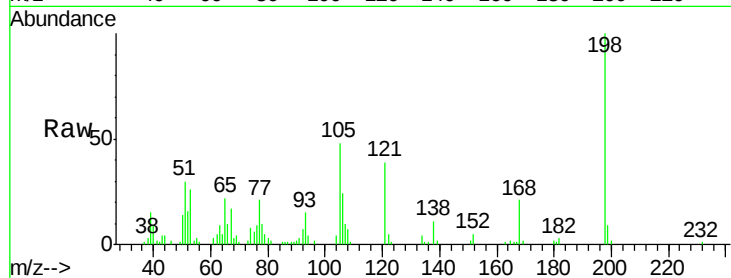




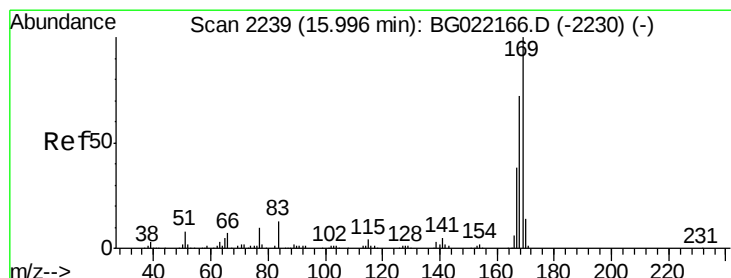
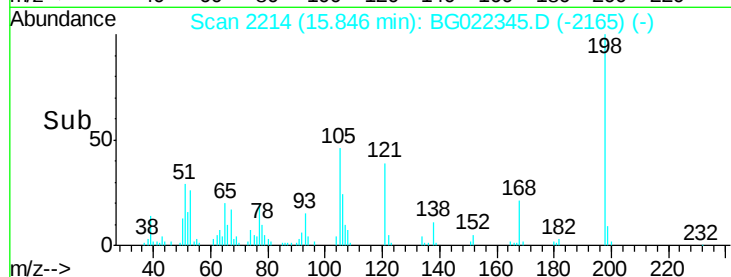
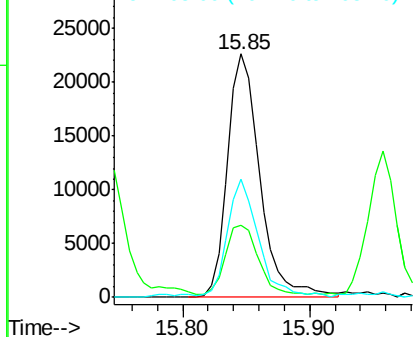
#64
4,6-Dinitro-2-methylphenol
Concen: 42.96 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	29.9	29.2	69.2
105	48.3	24.0	64.0

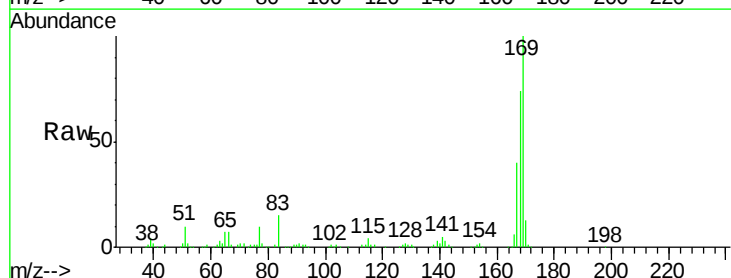


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGO
Ion 105.00 (104.70 to 105.70): E

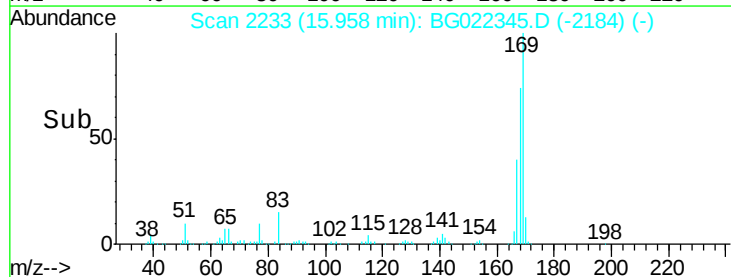
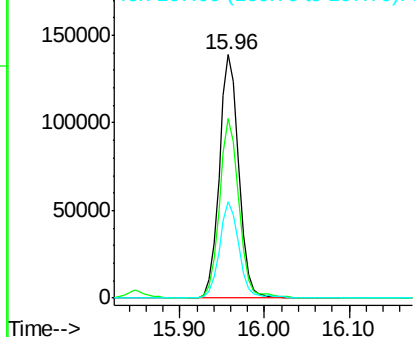


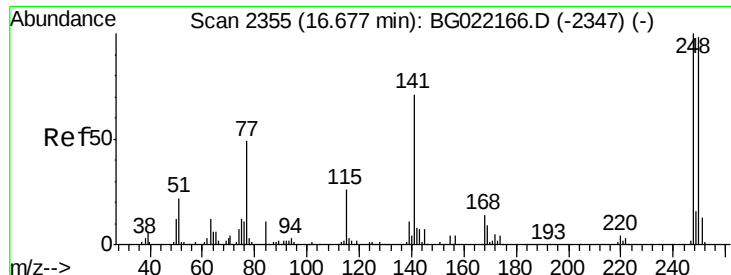
#65
n-Nitrosodiphenylamine
Concen: 41.33 ng
RT: 15.96 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.9	59.6	89.4
167	39.7	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

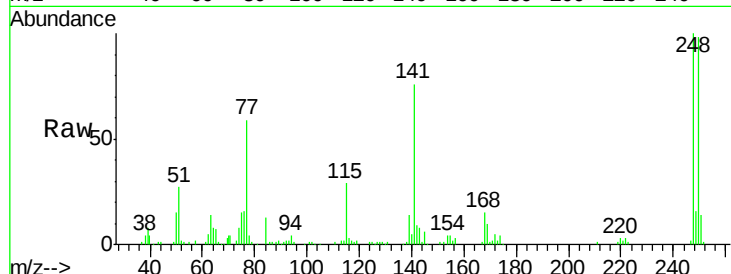




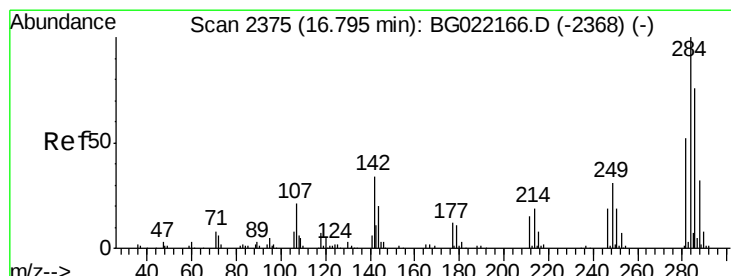
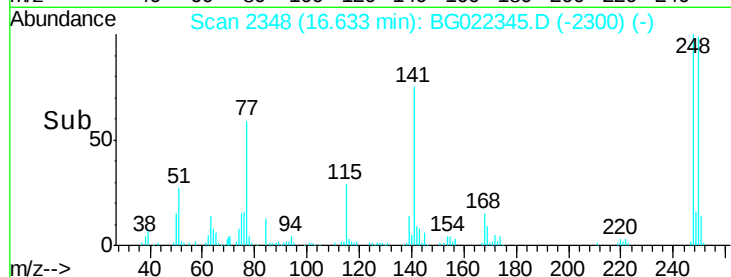
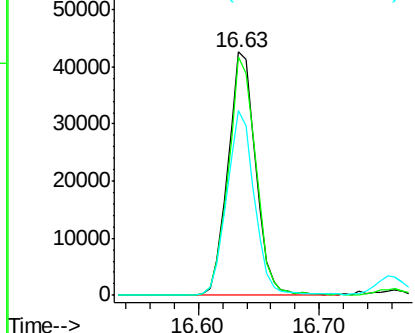
#66
4-Bromophenyl-phenylether
Concen: 38.94 ng
RT: 16.63 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampled :
PB91321BS

Tot Ion:248 Resp: 68162
Ion Ratio Lower Upper
248 100
250 98.1 76.6 114.8
141 75.6 63.8 95.6

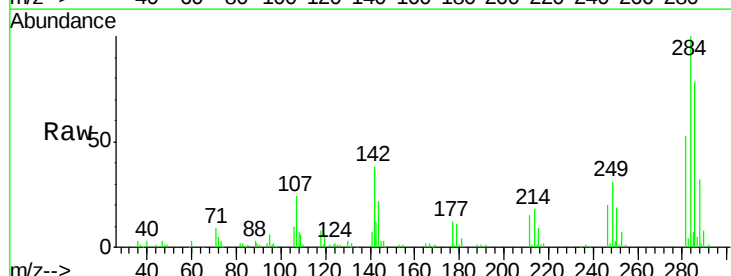


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

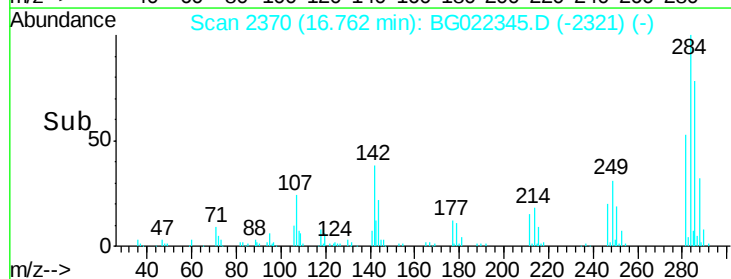
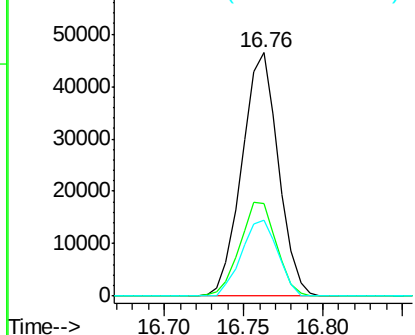


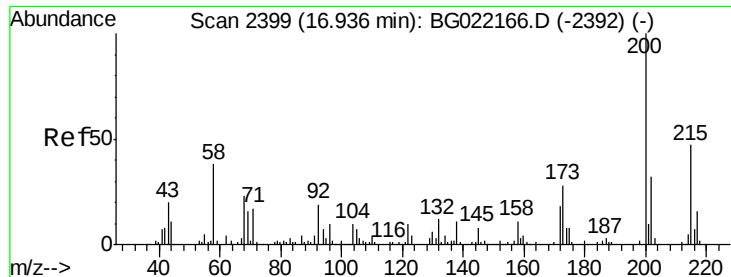
#67
Hexachlorobenzene
Concen: 36.24 ng
RT: 16.76 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:284 Resp: 73929
Ion Ratio Lower Upper
284 100
142 38.1 31.8 47.6
249 33.6 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: 39.96 ng

RT: 16.90 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

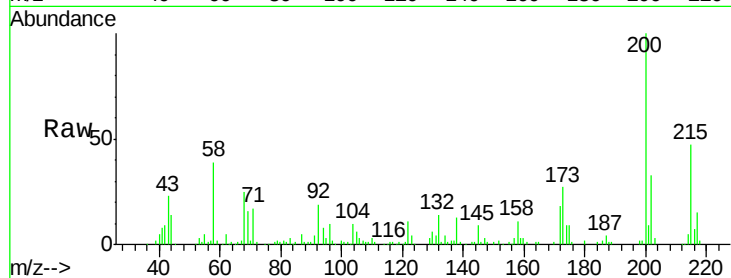
Tot Ion:200 Resp: 79612

Ion Ratio Lower Upper

200 100

173 27.0 5.1 45.1

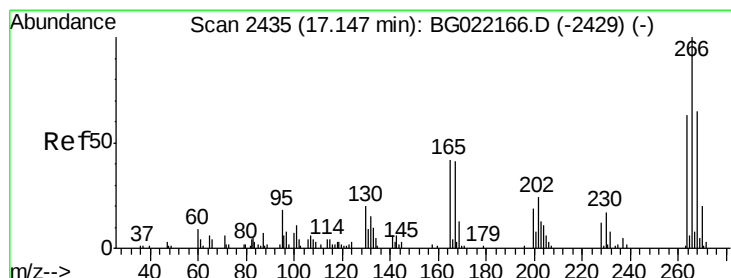
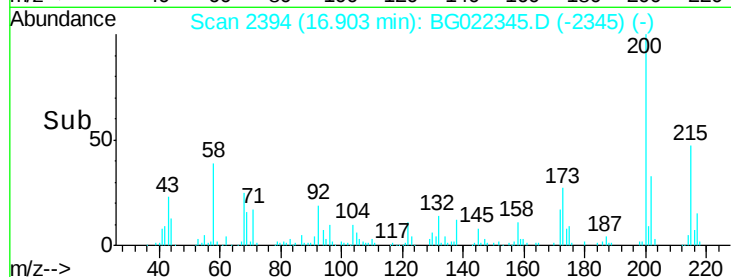
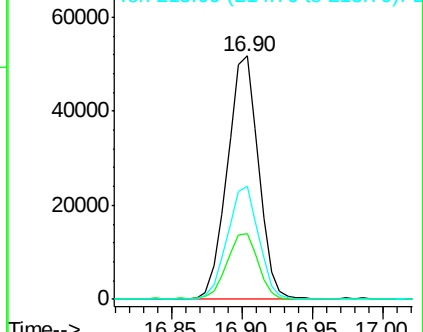
215 46.7 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 71.39 ng

RT: 17.11 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

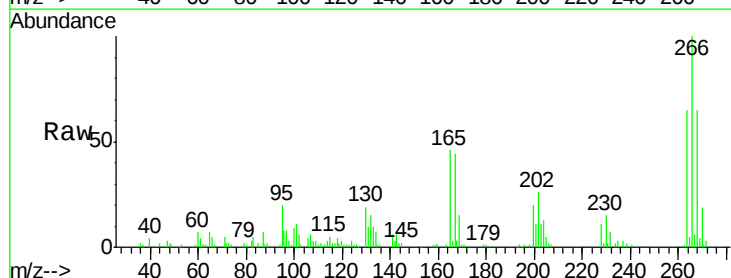
Tgt Ion:266 Resp: 65291

Ion Ratio Lower Upper

266 100

268 68.7 54.5 81.7

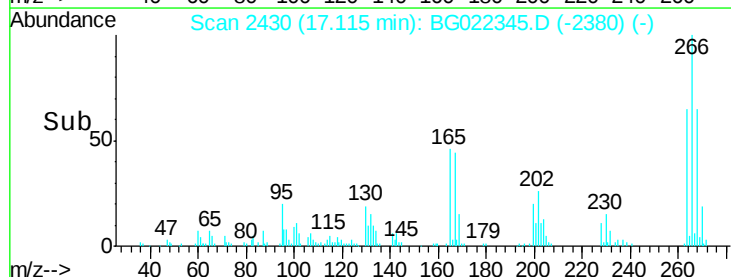
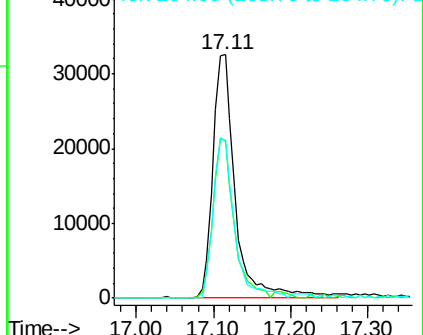
264 69.3 53.8 80.6

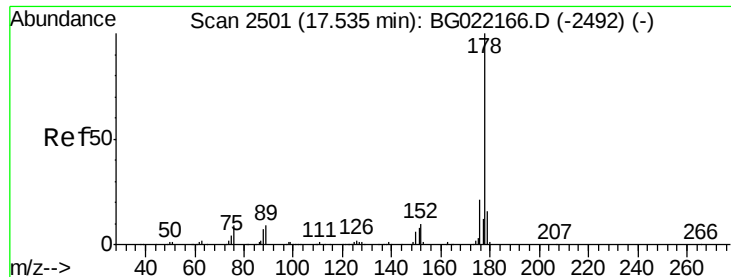


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

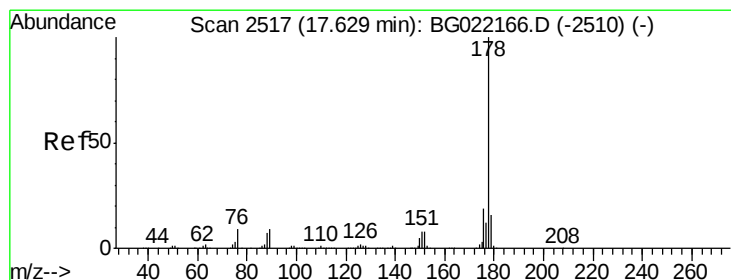
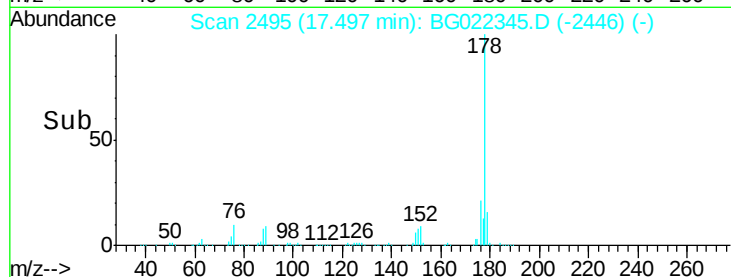
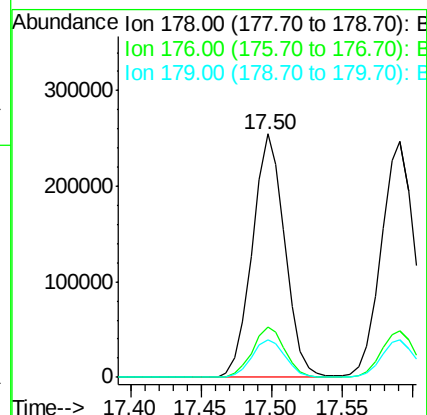
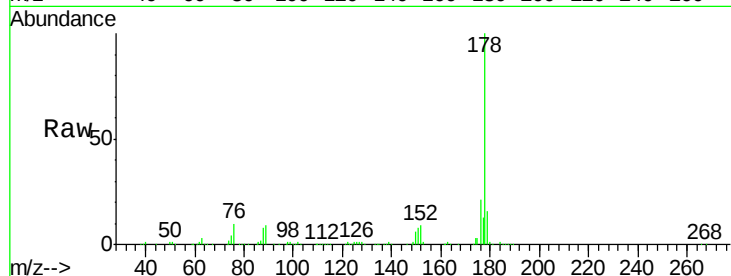




#70
Phenanthrene
Concen: 40.64 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

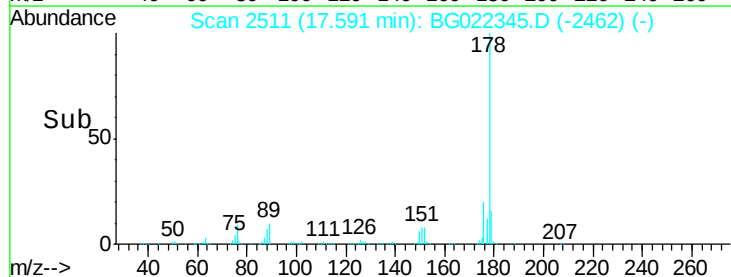
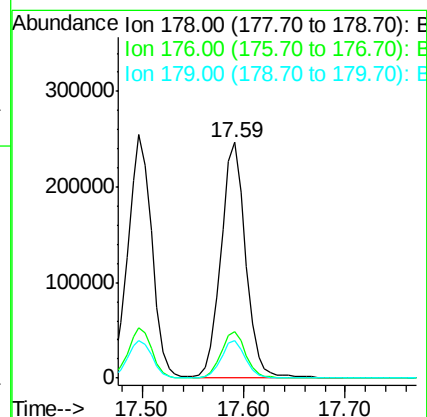
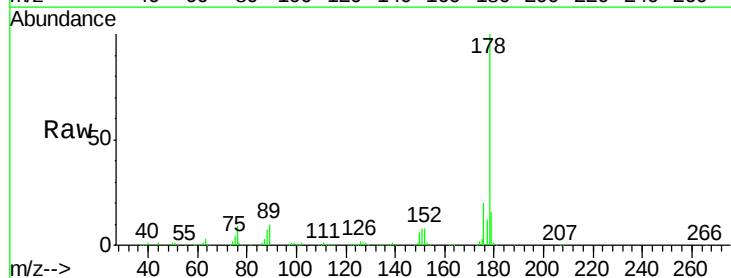
Instrument :
BNA_G
ClientSampleId :
PB91321BS

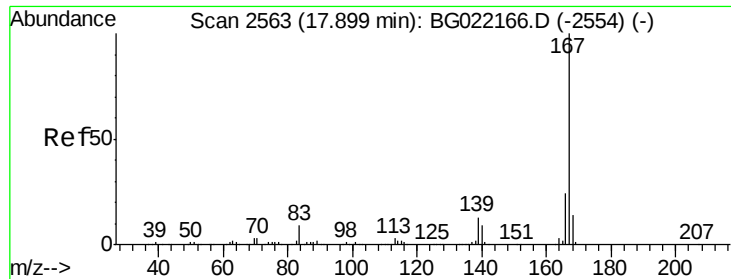
Tot Ion:178 Resp: 412351
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 15.6 12.0 18.0



#71
Anthracene
Concen: 41.16 ng
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:178 Resp: 414212
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.4
179 16.0 12.2 18.4

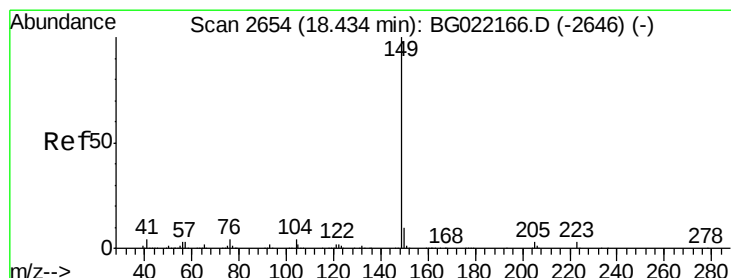
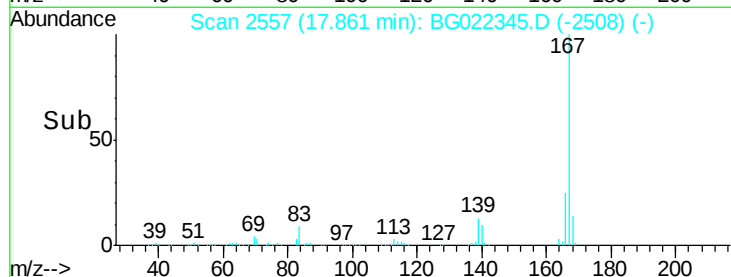
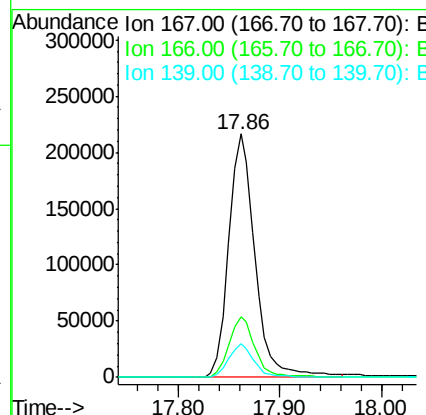
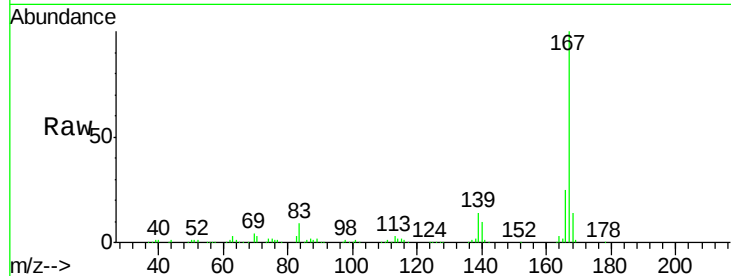




#72
 Carbazole
 Concen: 40.94 ng
 RT: 17.86 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

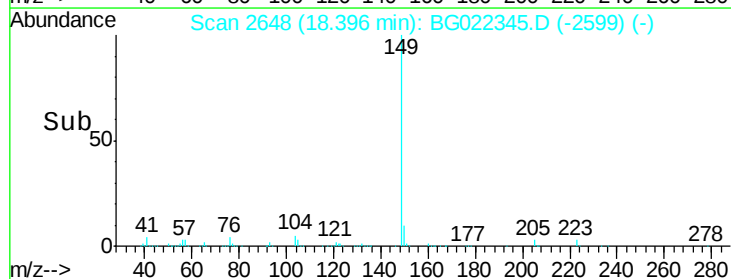
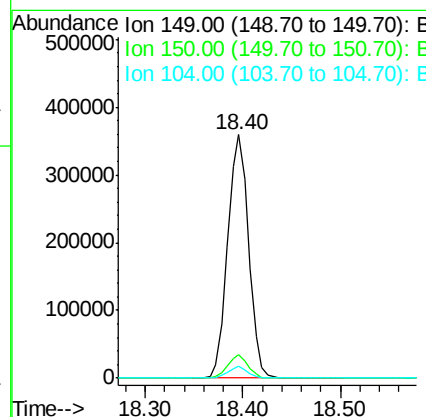
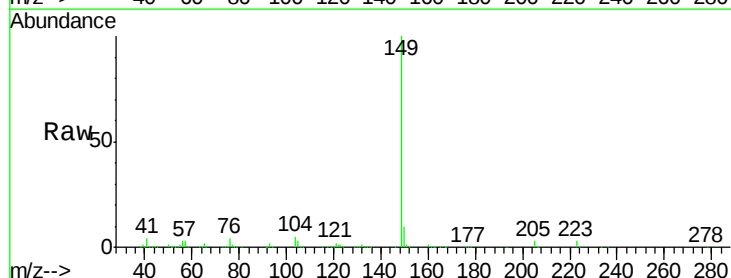
Instrument :
 BNA_G
 ClientSampleId :
 PB91321BS

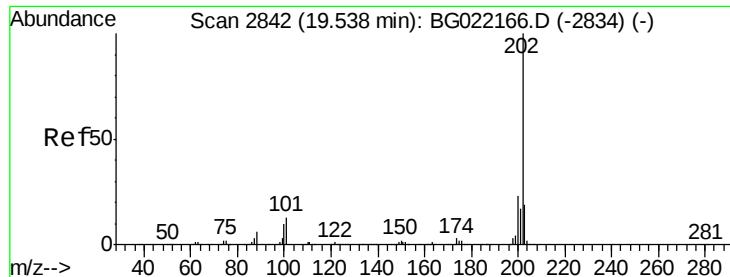
Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	18.6	27.8
139	13.6	10.6	15.8



#73
 Di-n-butylphthalate
 Concen: 42.79 ng
 RT: 18.40 min Scan# 2648
 Delta R.T. -0.01 min
 Lab File: BG022345.D
 Acq: 14 Jun 2016 21:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.0
104	4.7	4.0	6.0





#74

Fluoranthene

Concen: 40.18 ng

RT: 19.50 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

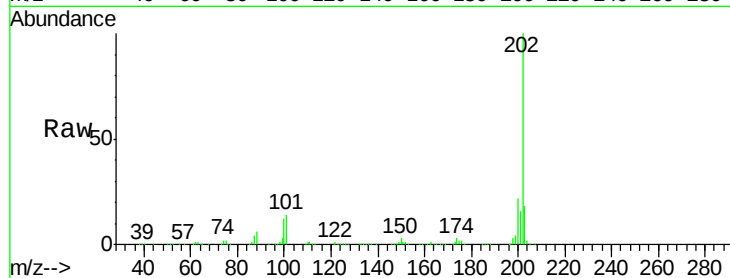
Tot Ion:202 Resp: 468650

Ion Ratio Lower Upper

202 100

101 14.3 0.0 31.0

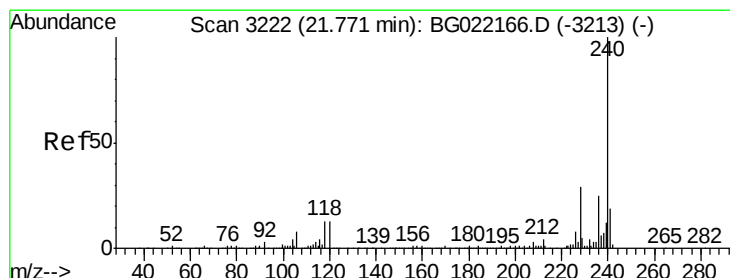
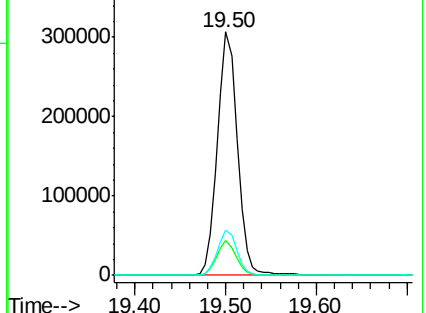
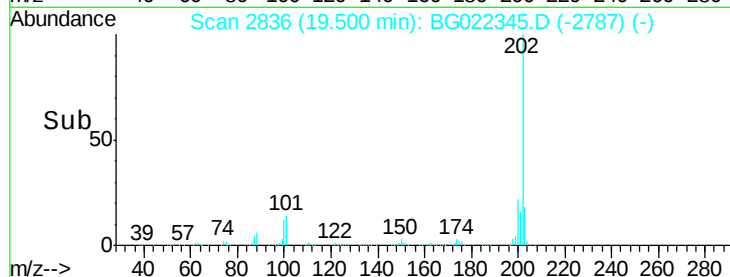
203 18.5 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.73 min Scan# 3215

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

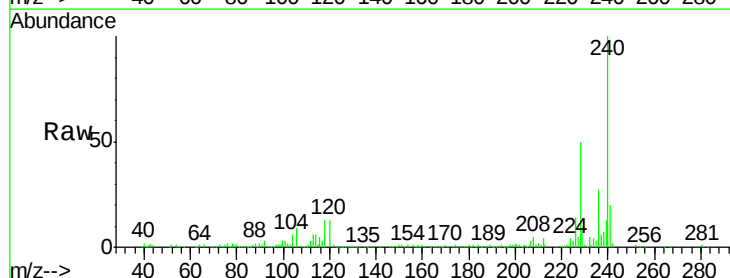
Tgt Ion:240 Resp: 170134

Ion Ratio Lower Upper

240 100

120 12.9 8.4 12.6#

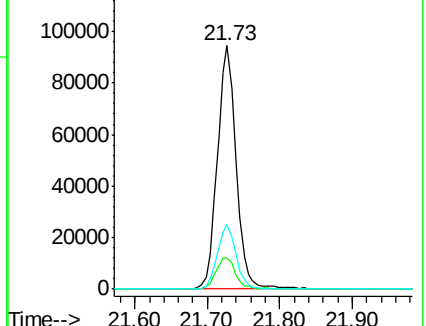
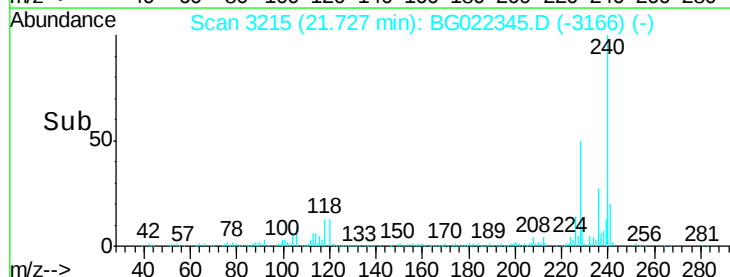
236 26.6 19.6 29.4

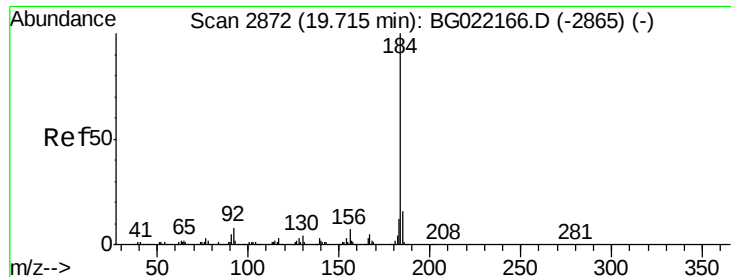


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 30.83 ng

RT: 19.68 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

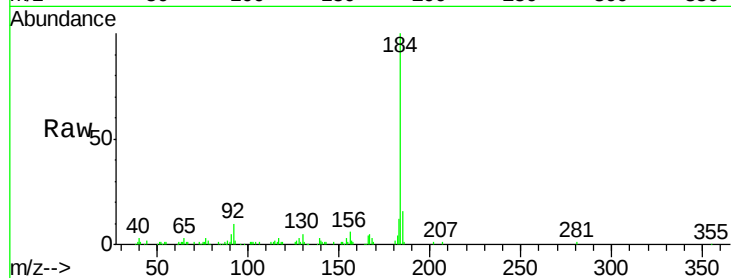
Tot Ion:184 Resp: 137182

Ion Ratio Lower Upper

184 100

185 15.6 11.5 17.3

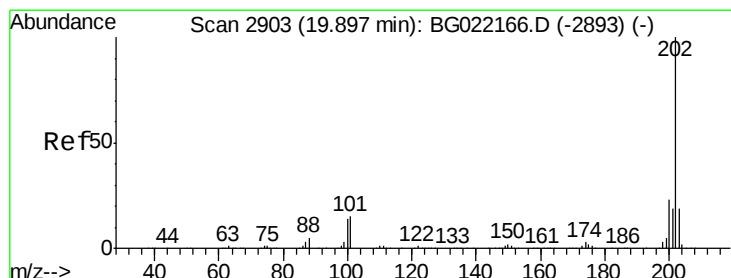
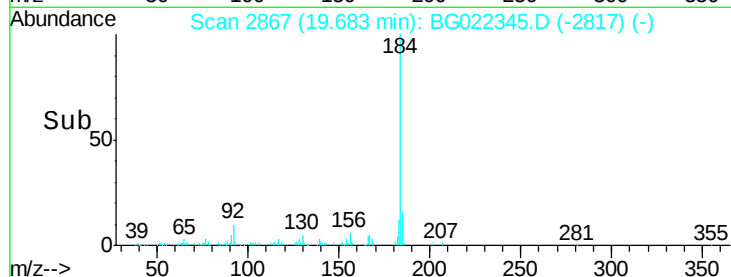
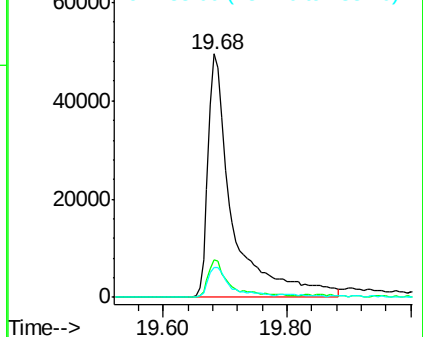
183 12.4 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 44.18 ng

RT: 19.86 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

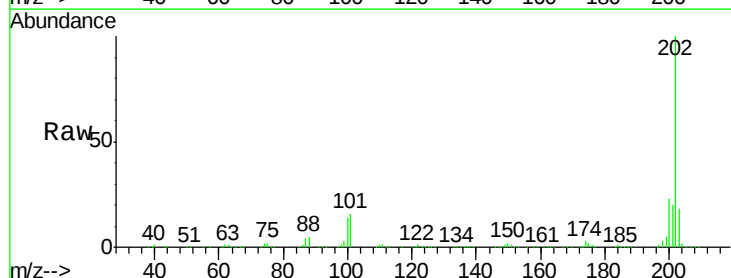
Tgt Ion:202 Resp: 467316

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

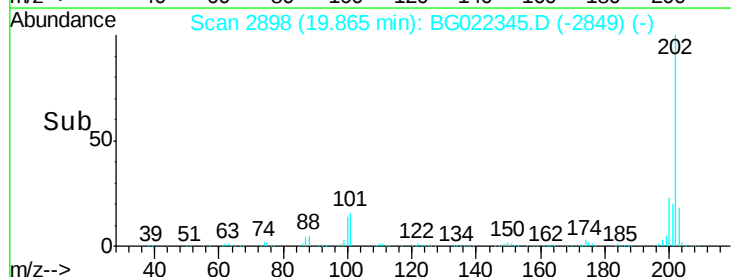
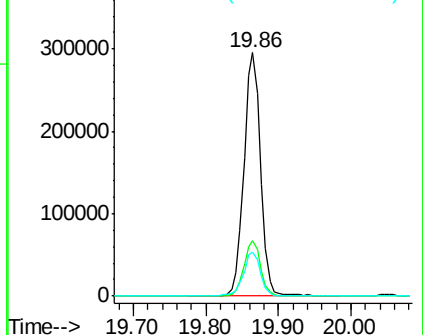
203 18.1 15.0 22.4

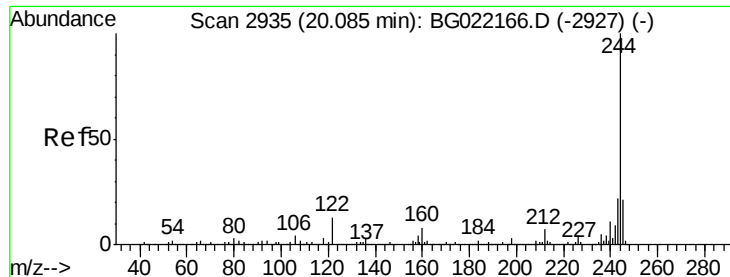


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.83 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampled :

PB91321BS

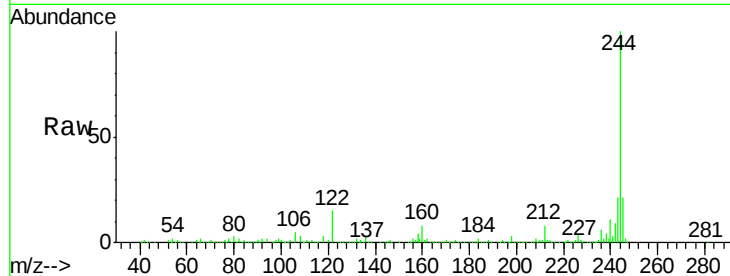
Tot Ion:244 Resp: 607889

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

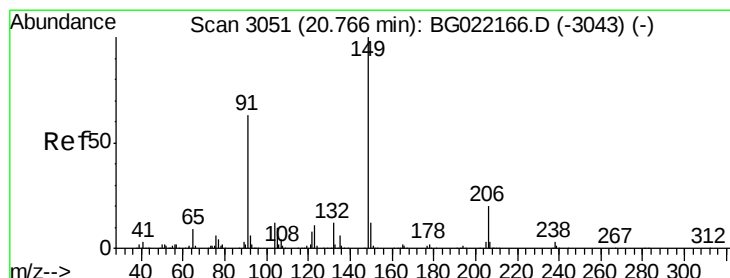
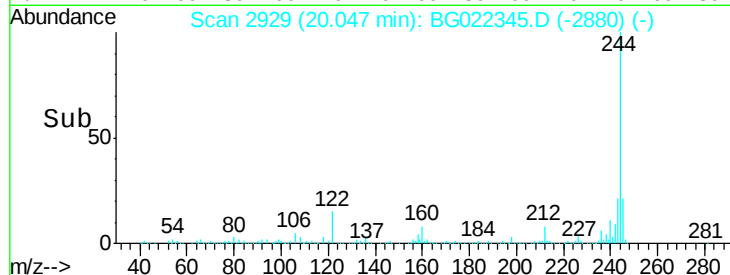
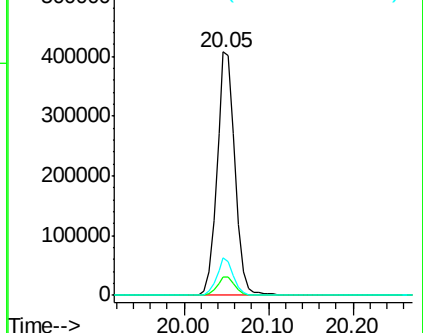
122 15.2 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 47.08 ng

RT: 20.73 min Scan# 3045

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

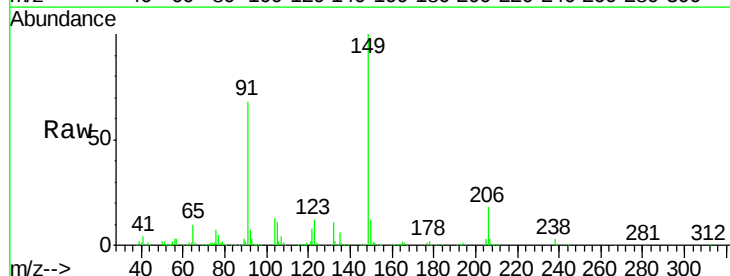
Tgt Ion:149 Resp: 230936

Ion Ratio Lower Upper

149 100

91 67.8 57.8 86.8

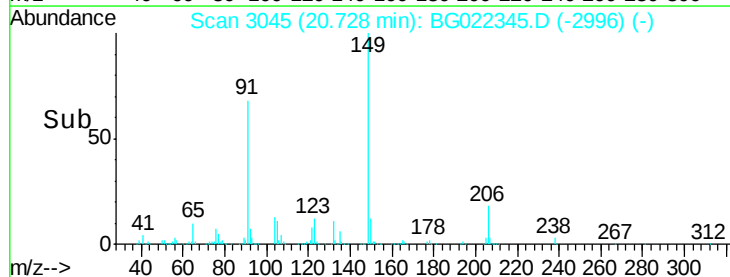
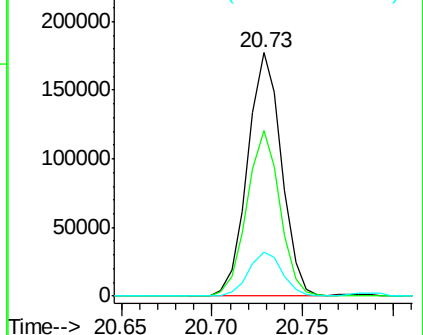
206 18.0 17.0 25.4

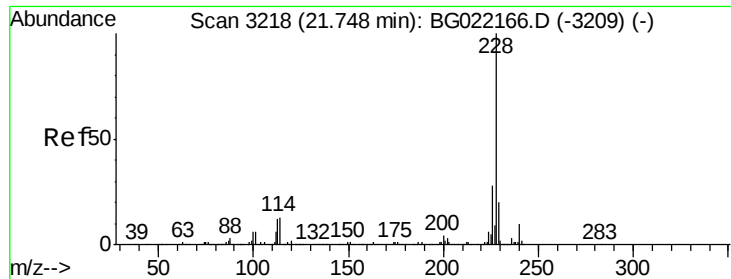


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

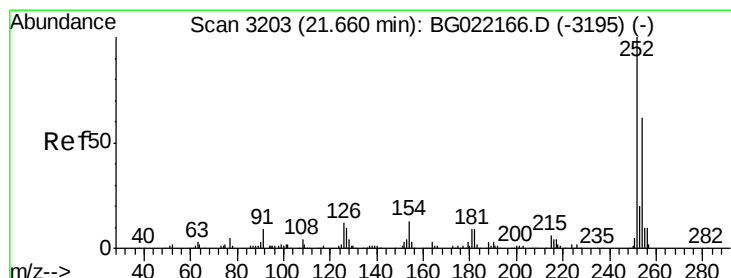
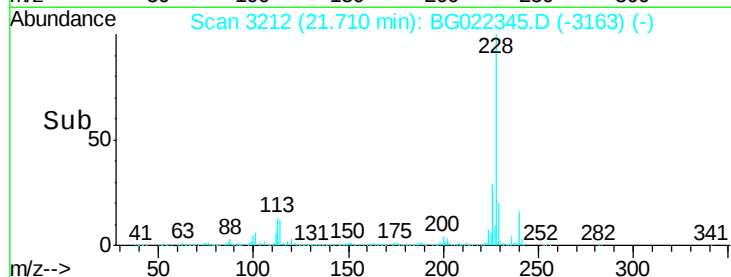
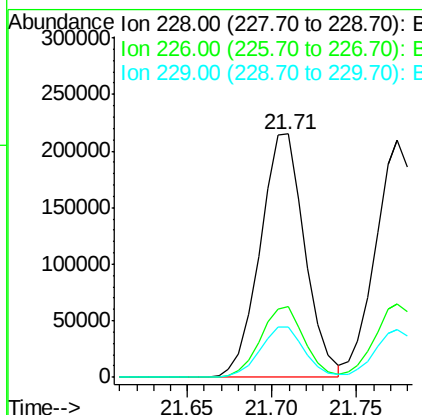
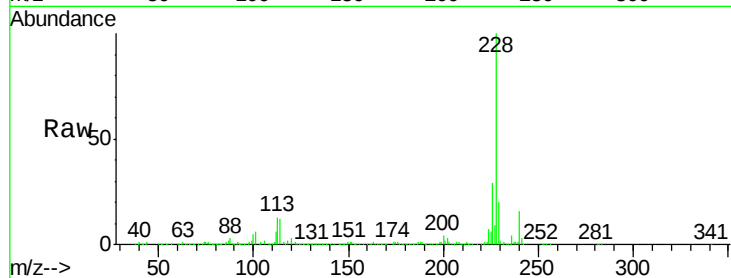




#80
Benzo(a)anthracene
Concen: 41.34 ng
RT: 21.71 min Scan# 3212
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

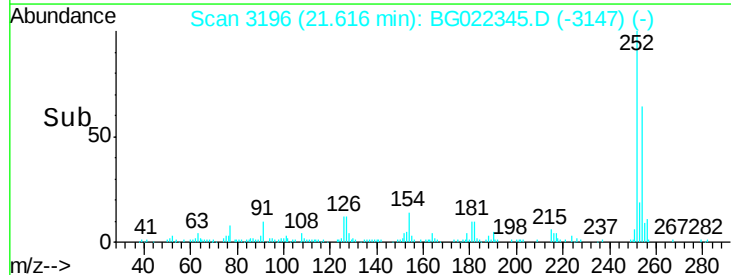
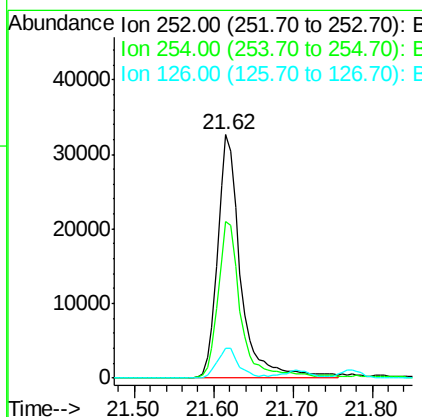
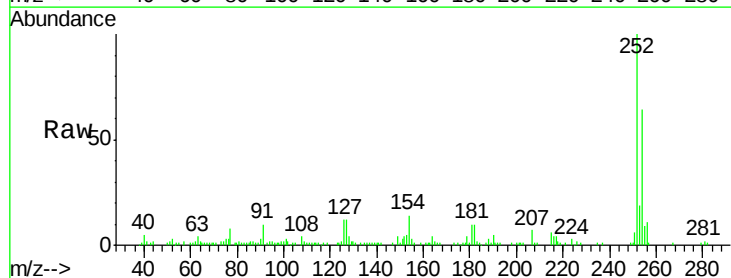
Instrument :
BNA_G
ClientSampleId :
PB91321BS

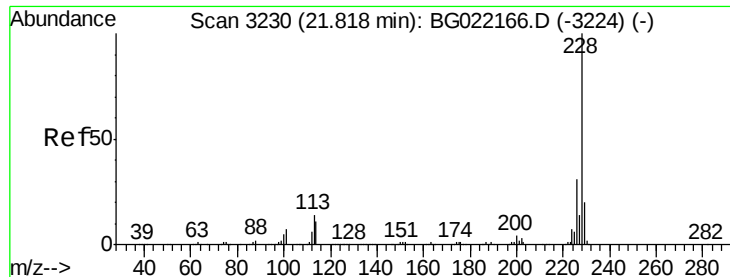
Tot	Ion:228	Resp:	394428
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.5	16.1	24.1



#81
3,3'-Dichlorobenzidine
Concen: 24.53 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt	Ion:252	Resp:	65693
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.6
126	12.4	8.8	13.2

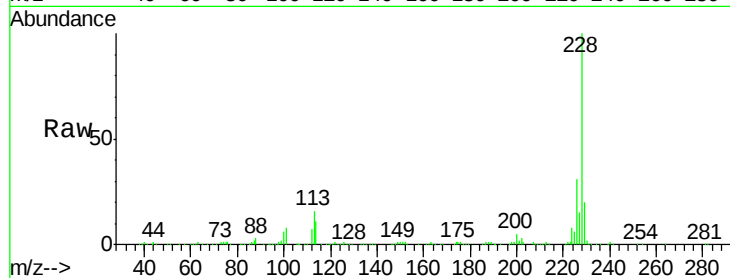




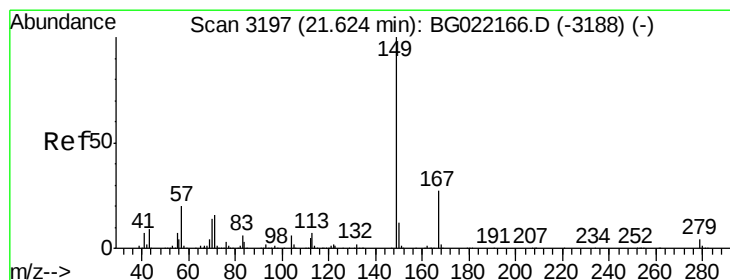
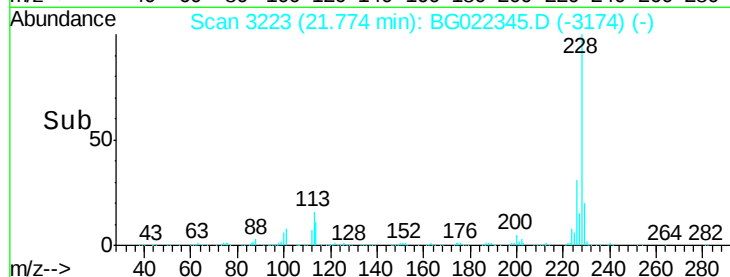
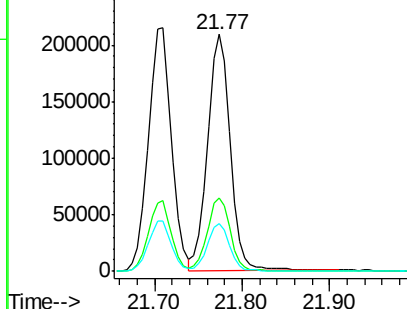
#82
Chrysene
Concen: 40.68 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampled :
PB91321BS

Tot Ion:228 Resp: 377668
Ion Ratio Lower Upper
228 100
226 31.3 25.4 38.0
229 20.4 15.9 23.9

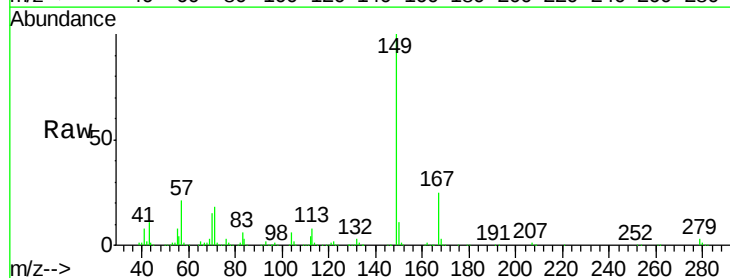


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

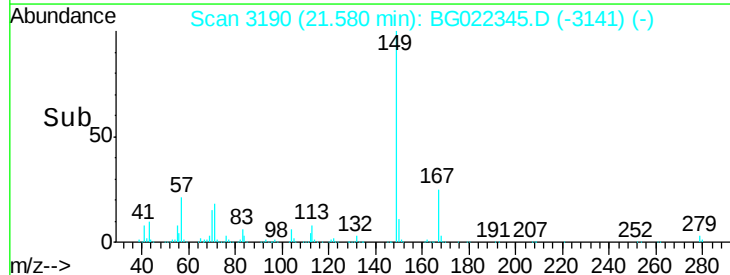
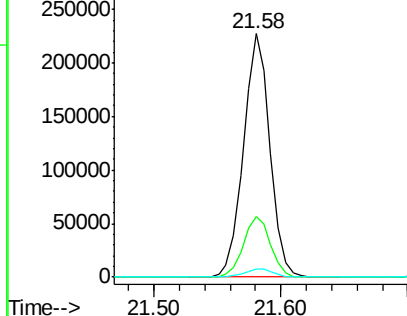


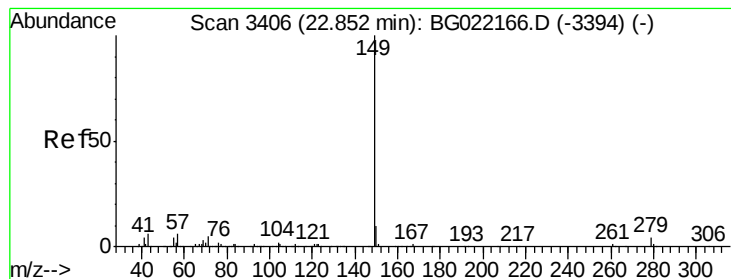
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.21 ng
RT: 21.58 min Scan# 3190
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:149 Resp: 326145
Ion Ratio Lower Upper
149 100
167 25.1 22.4 33.6
279 3.5 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: 45.28 ng

RT: 22.80 min Scan# 3398

Delta R.T. -0.01 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

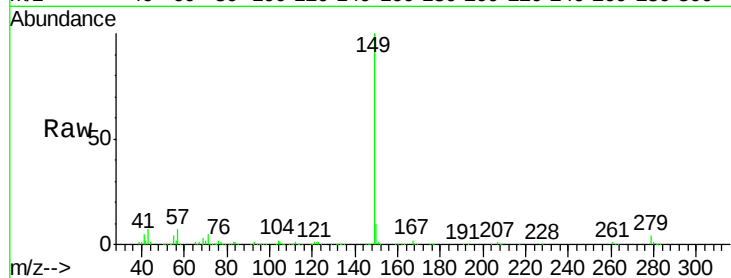
Tot Ion:149 Resp: 542277

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

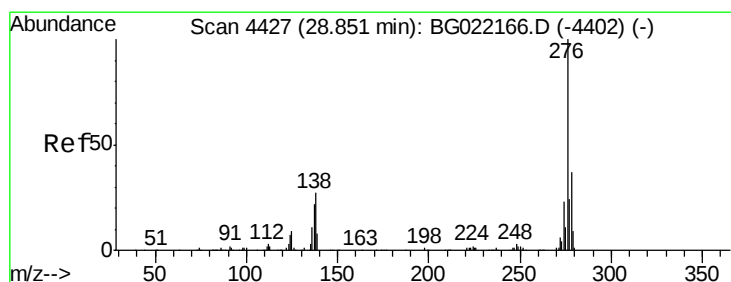
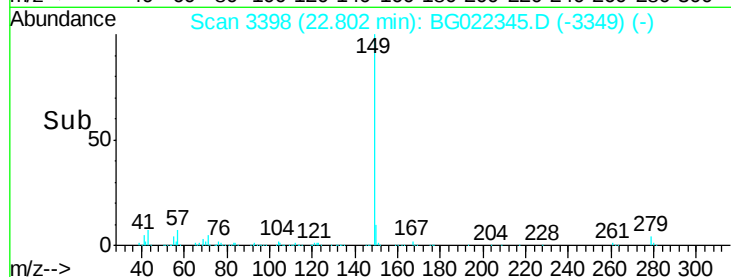
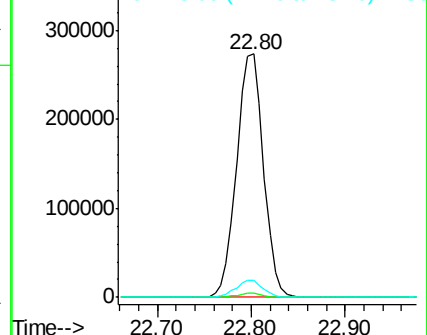
43 6.6 9.8 14.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.86 ng

RT: 28.75 min Scan# 4410

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

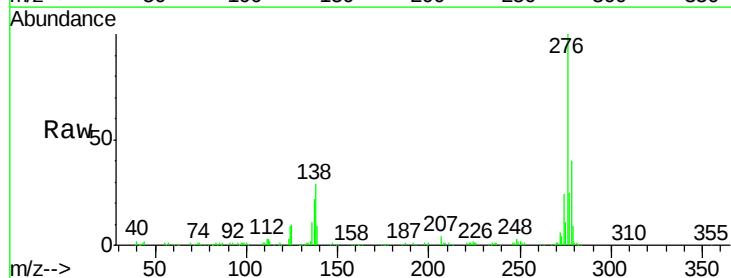
Tgt Ion:276 Resp: 404691

Ion Ratio Lower Upper

276 100

138 16.0 14.0 21.0

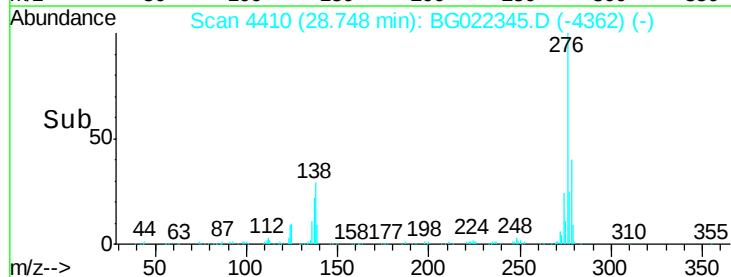
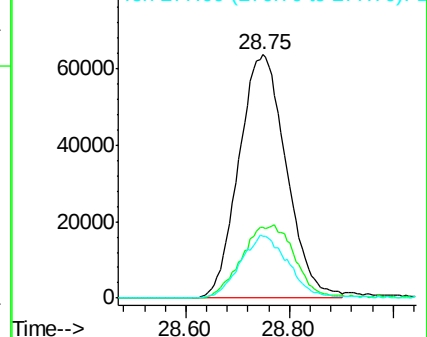
277 25.9 20.6 30.8

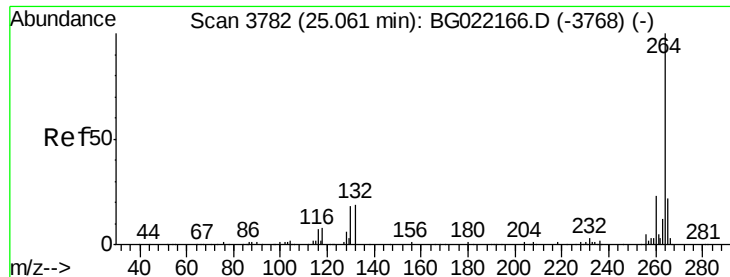


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

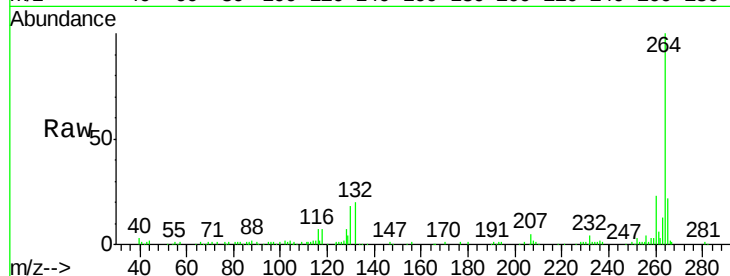




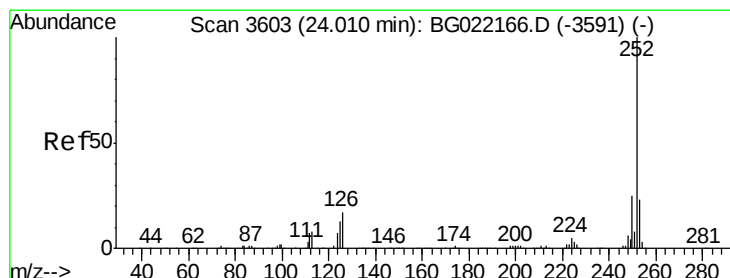
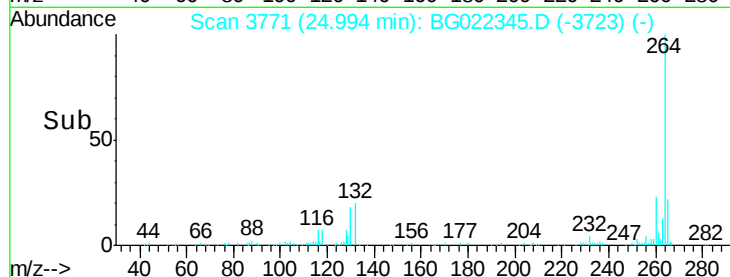
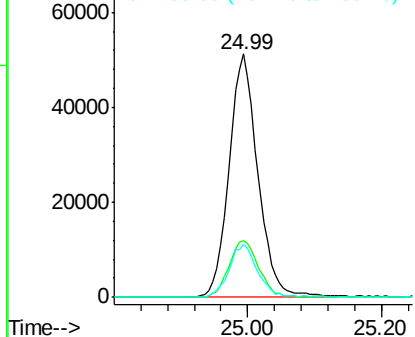
#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion:264 Resp: 154544
Ion Ratio Lower Upper
264 100
260 23.5 20.2 30.4
265 21.7 17.8 26.8

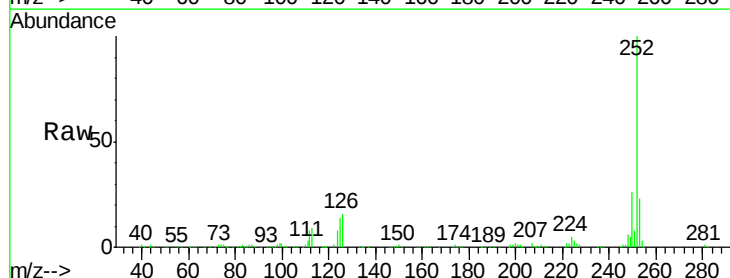


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

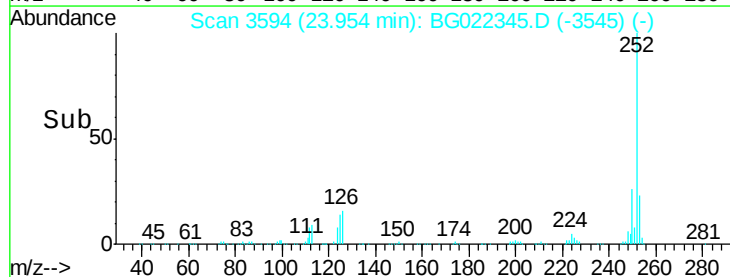
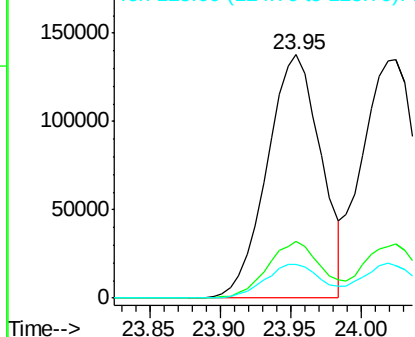


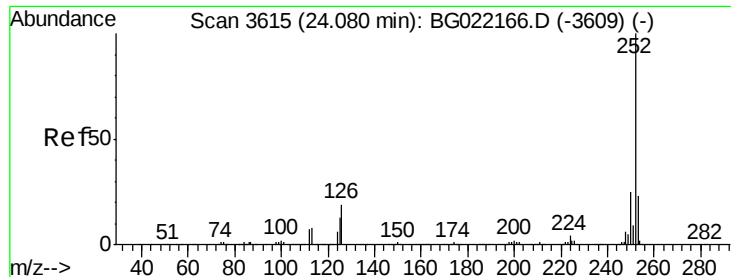
#87
Benzo(b)fluoranthene
Concen: 40.72 ng
RT: 23.95 min Scan# 3594
Delta R.T. -0.01 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:252 Resp: 367013
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 13.9 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 41.84 ng

RT: 24.02 min Scan# 3606

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

Instrument :

BNA_G

ClientSampleId :

PB91321BS

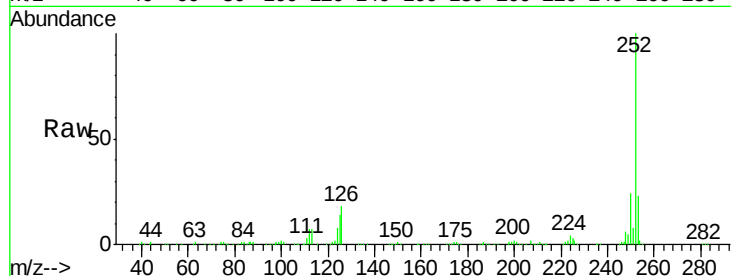
Tot Ion:252 Resp: 371245

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

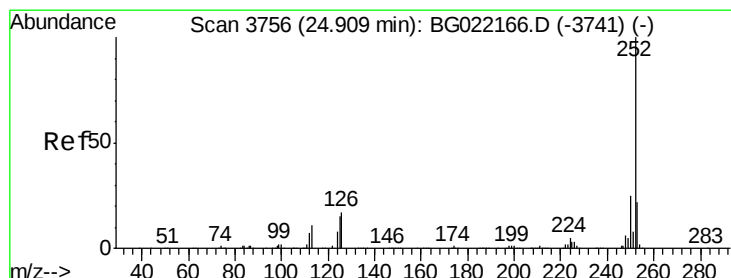
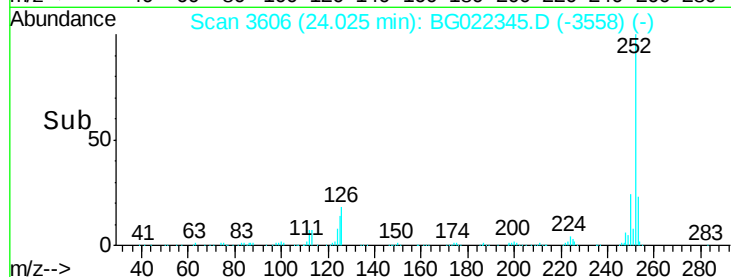
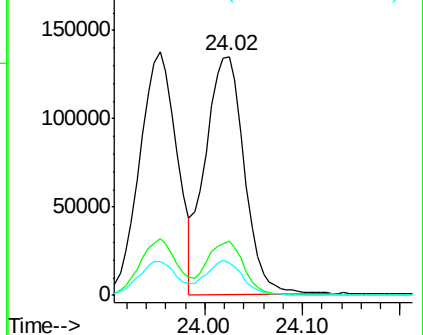
125 13.6 8.3 12.5#



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: 41.78 ng

RT: 24.84 min Scan# 3745

Delta R.T. -0.02 min

Lab File: BG022345.D

Acq: 14 Jun 2016 21:46

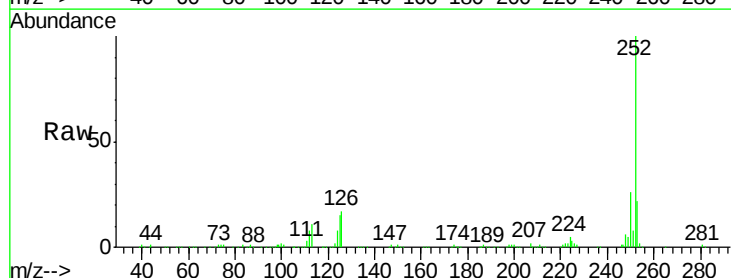
Tgt Ion:252 Resp: 360081

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

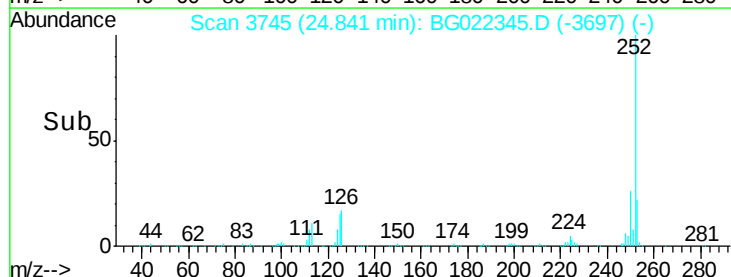
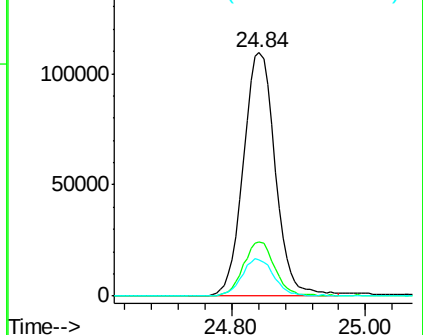
125 15.0 9.6 14.4#

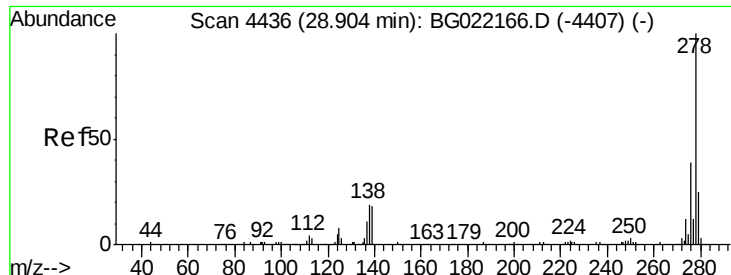


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

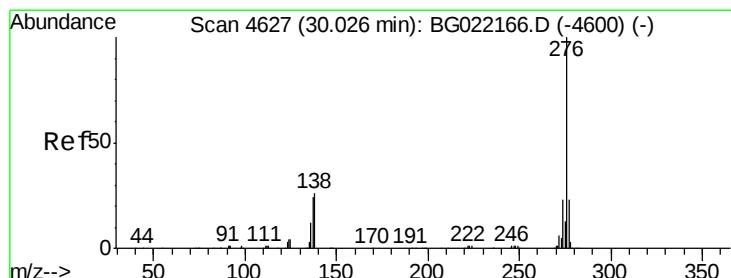
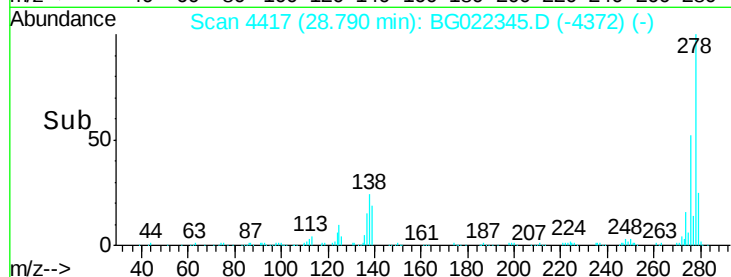
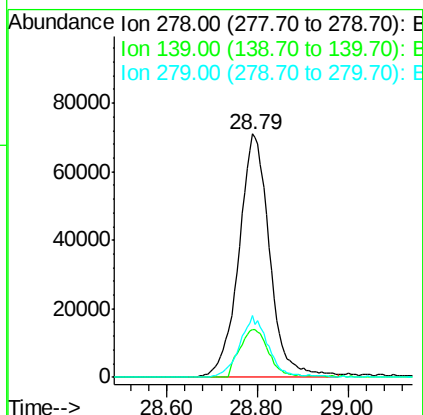
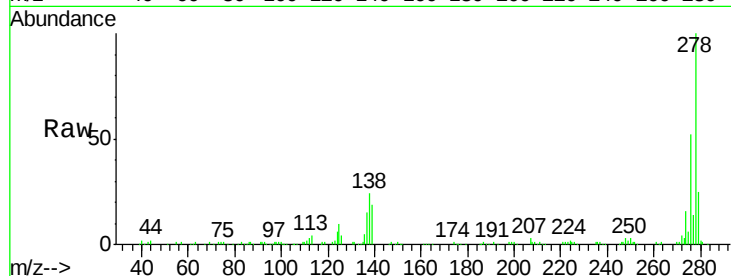




#90
Dibenzo(a,h)anthracene
Concen: 41.24 ng
RT: 28.79 min Scan# 4417
Delta R.T. -0.04 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Instrument :
BNA_G
ClientSampleId :
PB91321BS

Tot Ion:278 Resp: 334760
Ion Ratio Lower Upper
278 100
139 19.4 11.9 17.9#
279 25.1 18.2 27.2



#91
Benzo(g,h,i)perylene
Concen: 40.02 ng
RT: 29.92 min Scan# 4609
Delta R.T. -0.02 min
Lab File: BG022345.D
Acq: 14 Jun 2016 21:46

Tgt Ion:276 Resp: 337957
Ion Ratio Lower Upper
276 100
277 23.3 19.4 29.2
138 26.9 17.4 26.0#

