

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022962.D
 Acq On : 9 Jul 2016 12:45
 Operator : UM/SJ
 Sample : PB91974BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

Quant Time: Jul 11 04:08:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	82694	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	377746	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	292260	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	776208	20.00	ng	0.00
75) Chrysene-d12	21.85	240	867545	20.00	ng	0.00
86) Perylene-d12	25.21	264	885222	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	502721	99.43	ng	0.00
7) Phenol-d6	7.30	99	768135	97.00	ng	0.00
23) Nitrobenzene-d5	9.33	82	778584	88.26	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	434592	82.74	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1608469	86.69	ng	0.00
78) Terphenyl-d14	20.15	244	2604096	103.37	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.97	79	235766	35.06	ng	93
4) n-Nitrosodimethylamine	3.88	42	112933	39.14	ng	# 95
6) Aniline	7.47	93	294047	26.79	ng	93
8) 2-Chlorophenol	7.72	128	264185	49.10	ng	95
9) Benzaldehyde	7.28	77	124895	23.60	ng	94
10) Phenol	7.33	94	404083	49.59	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	269477	41.73	ng	92
12) 1,3-Dichlorobenzene	8.04	146	258275	39.21	ng	96
13) 1,4-Dichlorobenzene	8.19	146	271118	41.12	ng	99
14) 1,2-Dichlorobenzene	8.51	146	275024	41.95	ng	89
15) Benzyl Alcohol	8.39	79	353297	48.71	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	328503	41.64	ng	92
17) 2-Methylphenol	8.60	107	265413	50.04	ng	91
18) Hexachloroethane	9.24	117	114455	41.12	ng	90
19) n-Nitroso-di-n-propylamine	8.96	70	277616	38.89	ng	98
20) 3+4-Methylphenols	8.93	107	354088	47.87	ng	97
22) Acetophenone	8.98	105	462677	40.81	ng	# 91
24) Nitrobenzene	9.37	77	412654	44.02	ng	91
25) Isophorone	9.89	82	731639	41.23	ng	97
26) 2-Nitrophenol	10.08	139	160881	43.74	ng	# 85
27) 2,4-Dimethylphenol	10.14	122	289416	45.52	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	407290	41.16	ng	99
29) 2,4-Dichlorophenol	10.62	162	324254	47.82	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	326618	42.03	ng	97
31) Naphthalene	11.03	128	818752	42.58	ng	99
32) Benzoic acid	10.27	122	207416	35.86	ng	95
33) 4-Chloroaniline	11.14	127	153995	16.38	ng	97
34) Hexachlorobutadiene	11.31	225	244175	38.76	ng	97
35) Caprolactam	11.90	113	114365m	40.99	ng	
36) 4-Chloro-3-methylphenol	12.26	107	385927	41.61	ng	# 92
37) 2-Methylnaphthalene	12.63	142	654460	43.06	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	428202	34.00	ng	97
40) Hexachlorocyclopentadiene	12.97	237	569962	78.61	ng	98
42) 2,4,6-Trichlorophenol	13.23	196	318794	44.04	ng	98

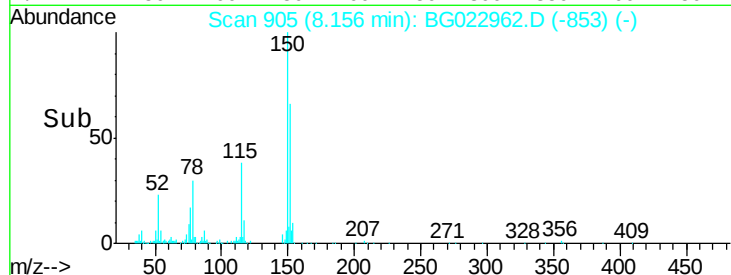
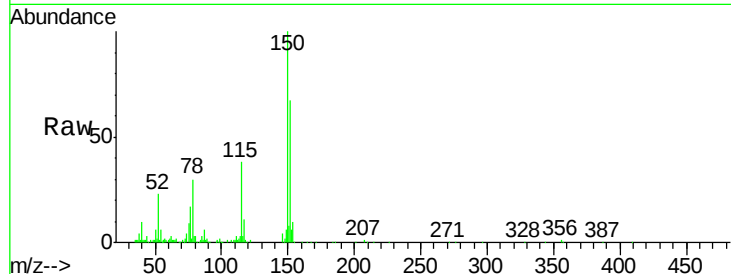
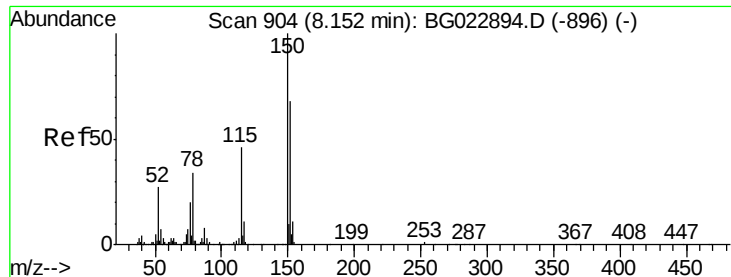
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	326330	43.90	nq	95
45) 1,1'-Biphenyl	13.63	154	915275	41.74	nq	97
46) 2-Chloronaphthalene	13.67	162	763425	42.92	nq	98
47) 2-Nitroaniline	13.88	65	325676	42.91	nq	98
48) Acenaphthylene	14.52	152	1160453	43.49	nq	100
49) Dimethylphthalate	14.24	163	1039791	43.55	nq	98
50) 2,6-Dinitrotoluene	14.37	165	238302	44.42	nq	86
51) Acenaphthene	14.86	154	759913	43.58	nq	99
52) 3-Nitroaniline	14.70	138	145553	27.21	nq	96
53) 2,4-Dinitrophenol	14.91	184	284109	77.17	nq	98
54) Dibenzofuran	15.20	168	1236778	47.39	nq	99
55) 4-Nitrophenol	15.02	139	383172	85.44	nq	94
56) 2,4-Dinitrotoluene	15.15	165	351376	44.92	nq	98
57) Fluorene	15.85	166	1020453	45.42	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	358035	48.14	nq	99
59) Diethylphthalate	15.60	149	1093907	45.03	nq	99
60) 4-Chlorophenyl-phenylether	15.83	204	595237	43.51	nq	97
61) 4-Nitroaniline	15.87	138	243660	42.09	nq	# 83
62) Azobenzene	16.12	77	1190685	51.25	nq	94
64) 4,6-Dinitro-2-methylphenol	15.92	198	225246	39.04	nq	94
65) n-Nitrosodiphenylamine	16.05	169	949741	42.47	nq	94
66) 4-Bromophenyl-phenylether	16.73	248	417557	41.35	nq	96
67) Hexachlorobenzene	16.85	284	440740	40.14	nq	97
68) Atrazine	16.99	200	405702	40.90	nq	98
69) Pentachlorophenol	17.20	266	564217	79.35	nq	98
70) Phenanthrene	17.60	178	1705532	44.84	nq	98
71) Anthracene	17.69	178	1731709	44.96	nq	100
72) Carbazole	17.96	167	1511435	45.41	nq	98
73) Di-n-butylphthalate	18.50	149	1818242	49.12	nq	99
74) Fluoranthene	19.60	202	2040668	43.71	nq	98
76) Benzidine	19.78	184	976177	39.25	nq	98
77) Pyrene	19.97	202	2056369	42.18	nq	98
79) Butylbenzylphthalate	20.84	149	886889	45.93	nq	96
80) Benzo(a)anthracene	21.83	228	2168157	44.67	nq	98
81) 3,3'-Dichlorobenzidine	21.74	252	553521	25.98	nq	100
82) Chrysene	21.90	228	2029291	44.57	nq	96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1195193	44.57	nq	99
84) Di-n-octyl phthalate	22.96	149	2006697	44.88	nq	98
85) Indeno(1,2,3-cd)pyrene	29.06	276	2583140	44.50	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	2321109	45.45	nq	97
88) Benzo(k)fluoranthene	24.21	252	2147465	44.31	nq	# 96
89) Benzo(a)pyrene	25.05	252	2216649	45.28	nq	# 99
90) Dibenzo(a,h)anthracene	29.13	278	2135598	43.95	nq	# 93
91) Benzo(g,h,i)perylene	30.27	276	2114195	43.45	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

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BNA_G

ClientSampleId :

PB91974BS

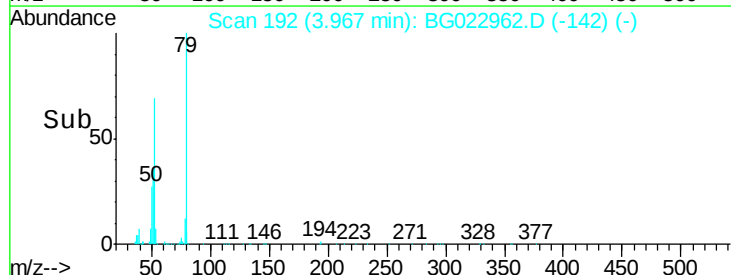
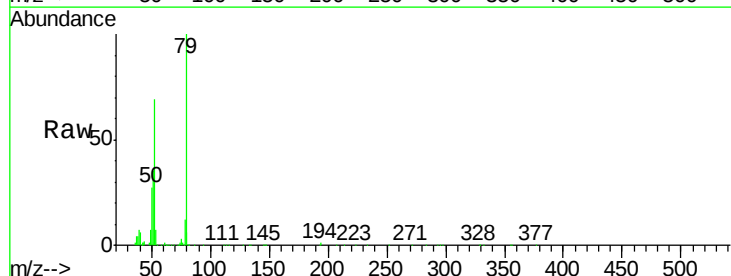
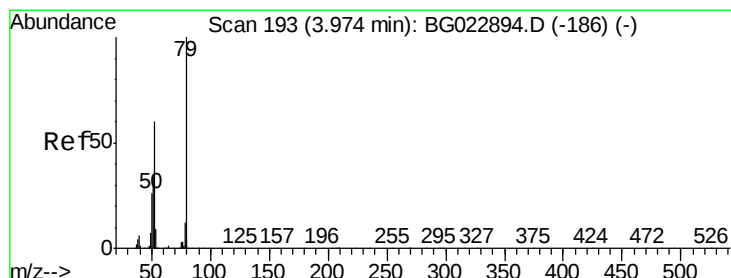
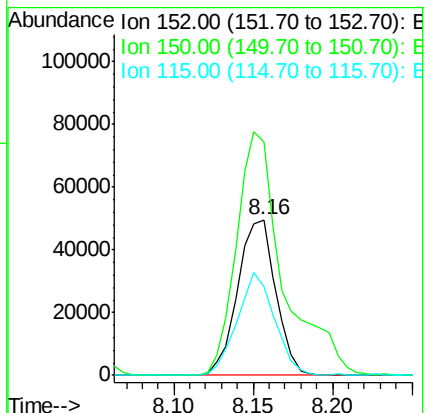
Tot Ion:152 Resp: 82694

Ion Ratio Lower Upper

152 100

150 150.1 144.7 217.1

115 57.1 64.0 96.0#



#3

Pyridine

Concen: 35.06 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

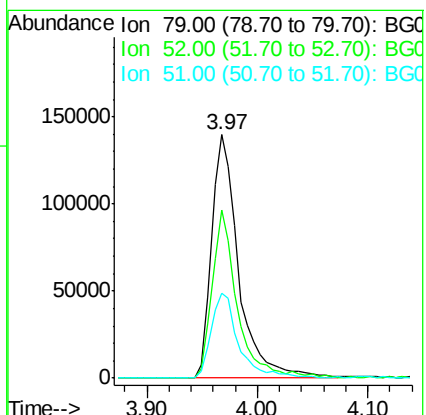
Tgt Ion: 79 Resp: 235766

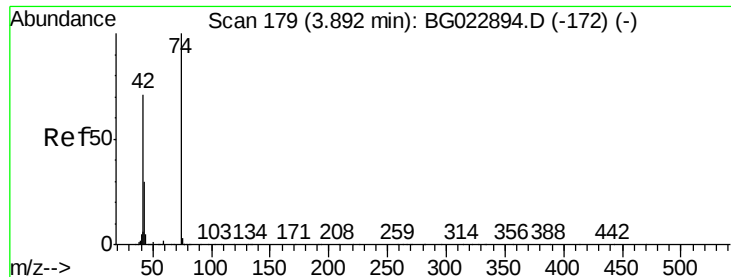
Ion Ratio Lower Upper

79 100

52 68.8 51.8 77.8

51 35.1 32.7 49.1





#4

n-Nitrosodimethylamine

Concen: 39.14 ng

RT: 3.88 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

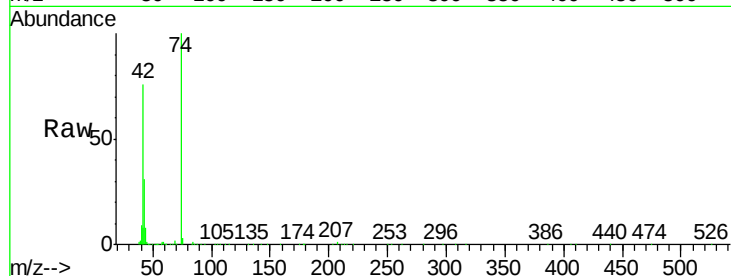
Tot Ion: 42 Resp: 112933

Ion Ratio Lower Upper

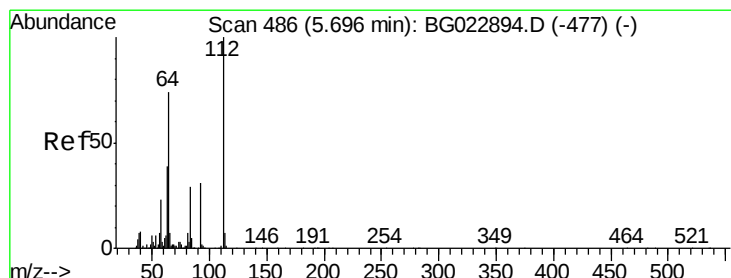
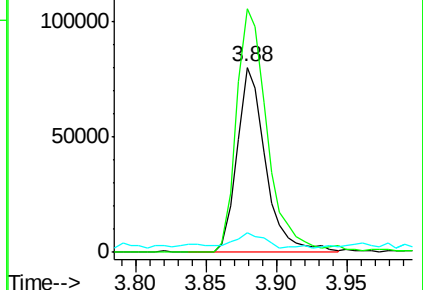
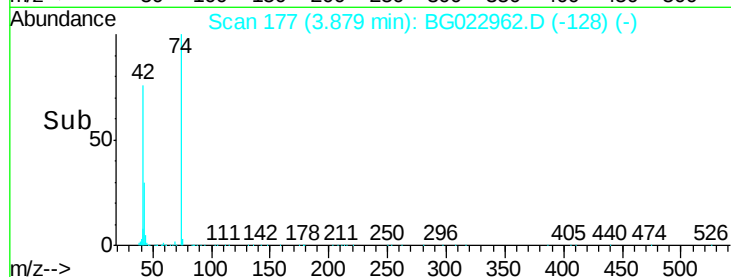
42 100

74 131.4 100.6 150.8

44 10.3 4.5 6.7#



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: 99.43 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

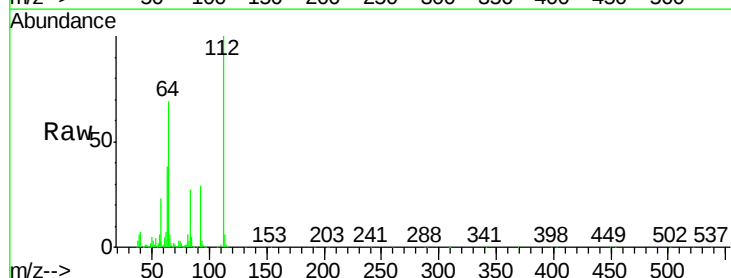
Tgt Ion: 112 Resp: 502721

Ion Ratio Lower Upper

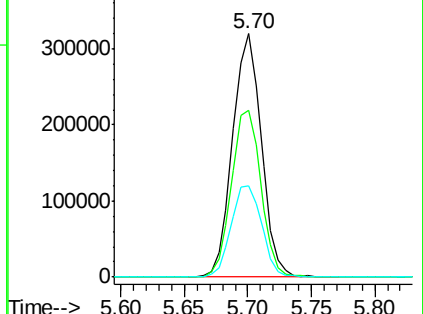
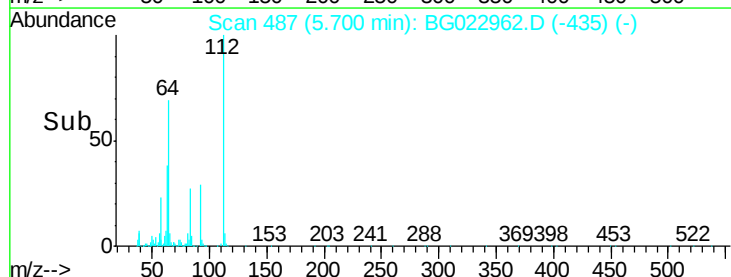
112 100

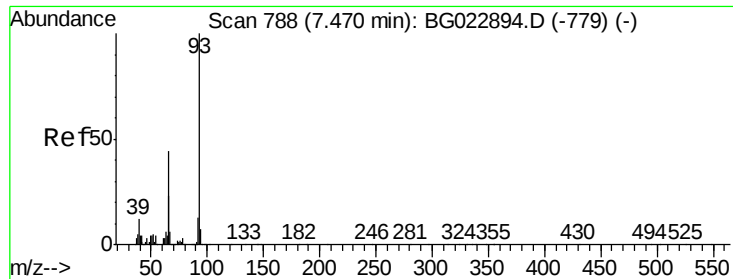
64 68.6 59.0 88.4

63 37.7 37.8 56.8#



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: 26.79 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

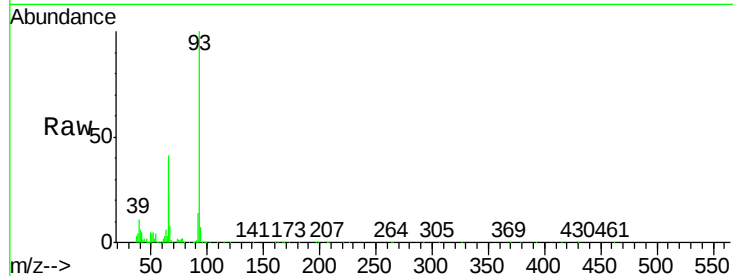
BNA_G

ClientSampleId :

PB91974BS

Tot Ion: 93 Resp: 294047

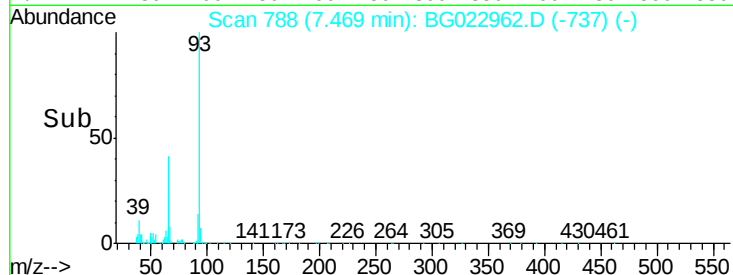
Ion	Ratio	Lower	Upper
93	100		
66	40.6	37.5	56.3
65	22.8	17.9	26.9



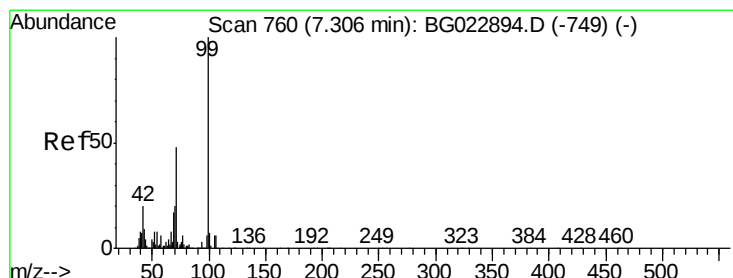
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



Time-->



#7

Phenol-d6

Concen: 97.00 ng

RT: 7.30 min Scan# 760

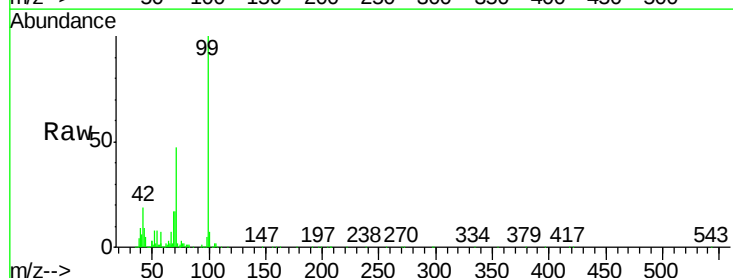
Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion: 99 Resp: 768135

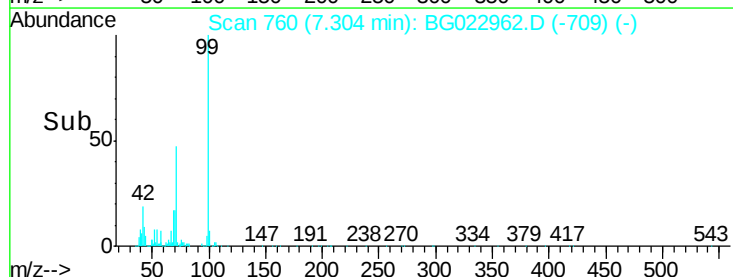
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.8	26.6
71	46.8	41.5	62.3



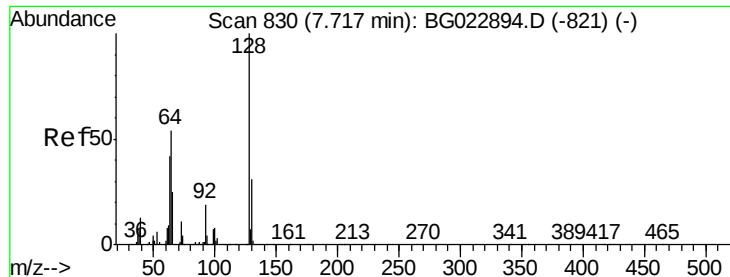
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 49.10 ng

RT: 7.72 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

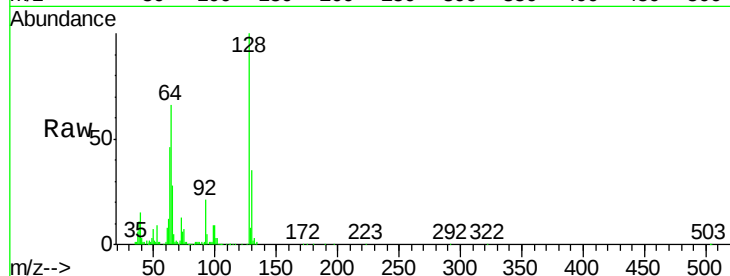
Tot Ion:128 Resp: 264185

Ion Ratio Lower Upper

128 100

130 35.5 12.9 52.9

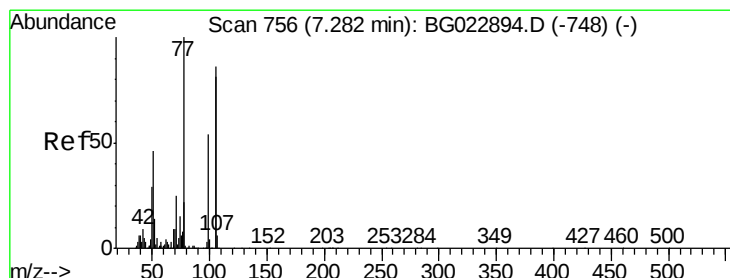
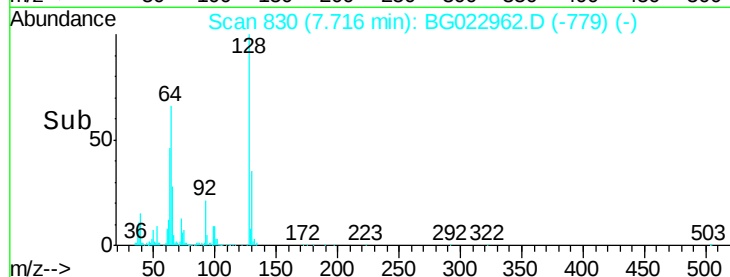
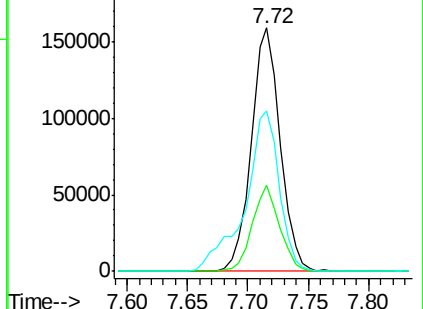
64 65.6 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 23.60 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

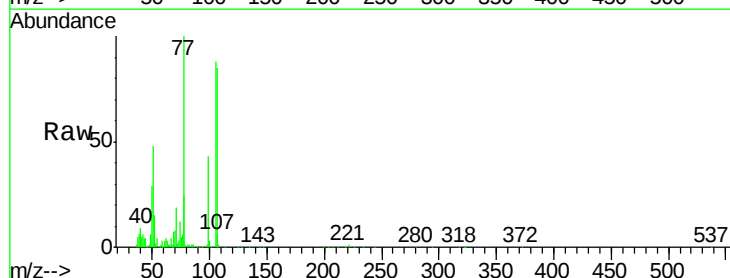
Tgt Ion: 77 Resp: 124895

Ion Ratio Lower Upper

77 100

105 88.0 58.7 98.7

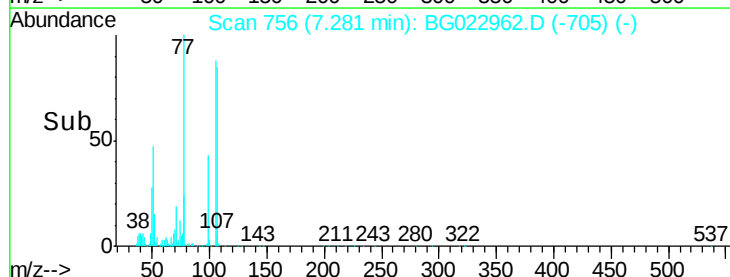
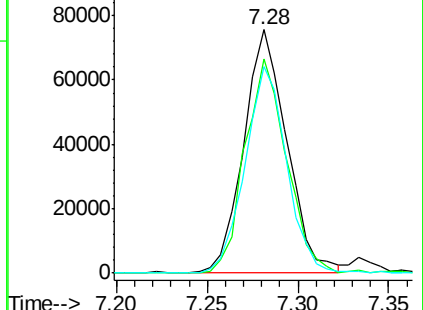
106 85.1 67.5 107.5

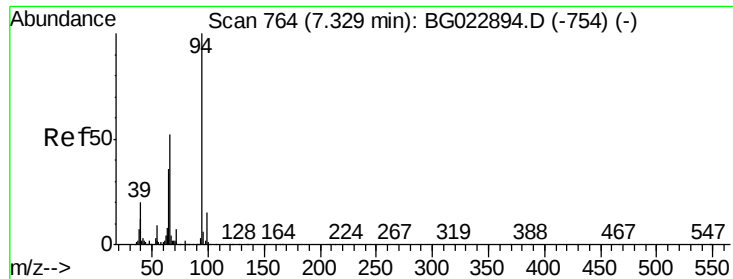


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 49.59 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

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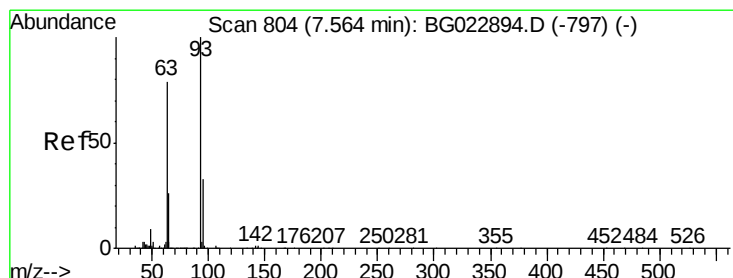
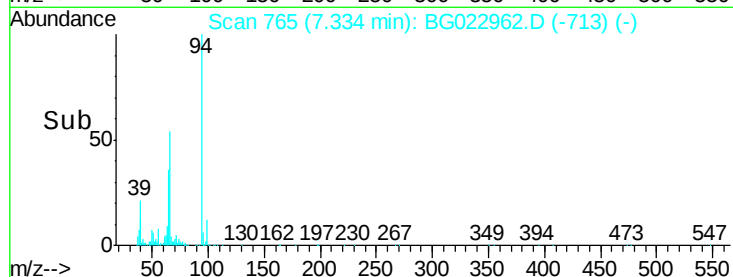
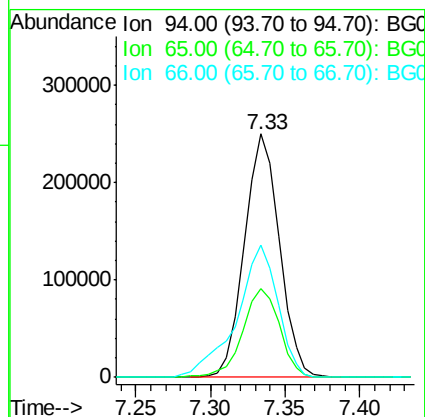
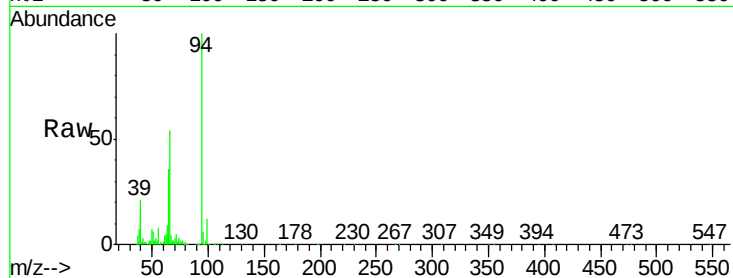
Tot Ion: 94 Resp: 404083

Ion Ratio Lower Upper

94 100

65 36.2 18.1 58.1

66 54.3 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 41.73 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

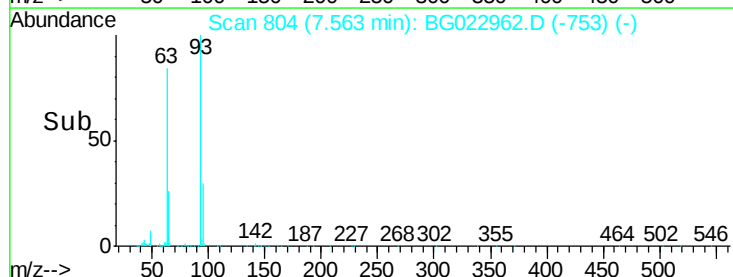
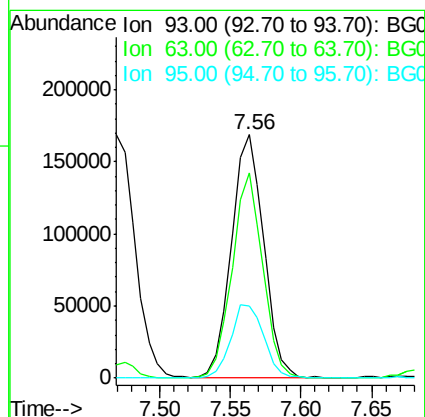
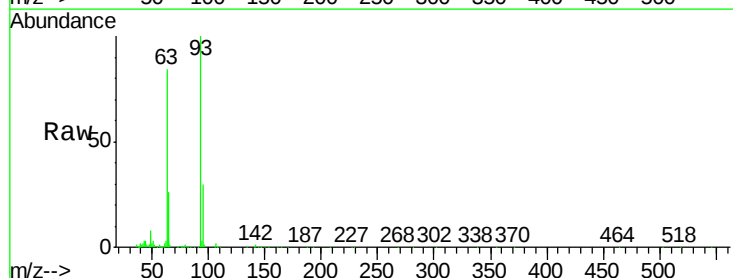
Tgt Ion: 93 Resp: 269477

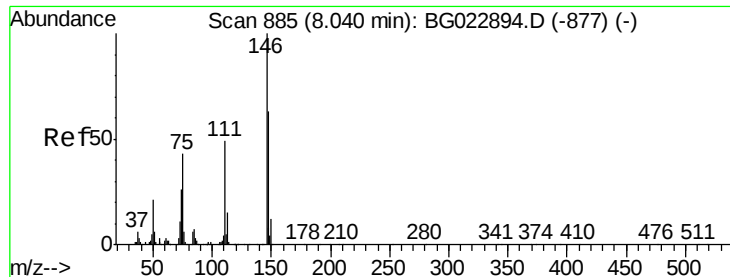
Ion Ratio Lower Upper

93 100

63 84.2 55.0 95.0

95 29.7 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 39.21 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

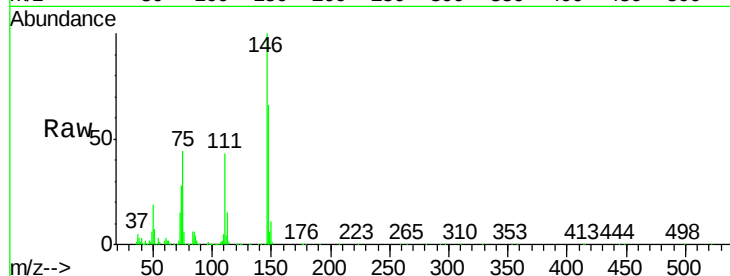
Tot Ion:146 Resp: 258275

Ion Ratio Lower Upper

146 100

148 66.0 50.3 75.5

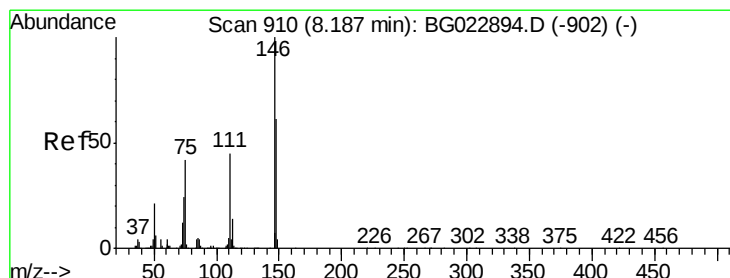
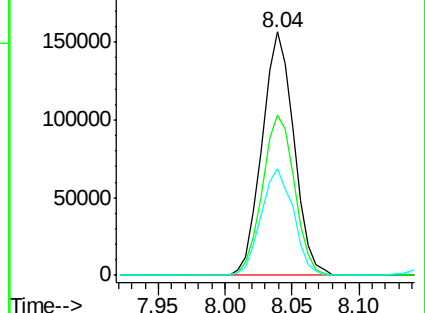
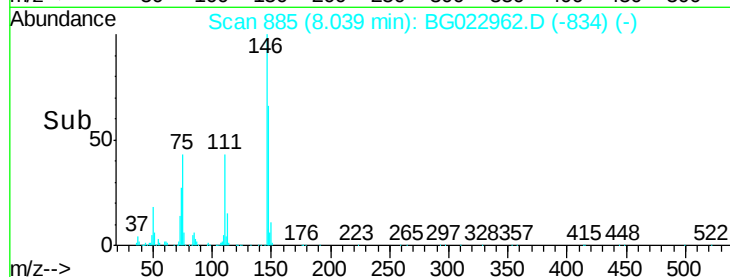
75 43.6 37.0 55.6



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): BGC



#13

1,4-Dichlorobenzene

Concen: 41.12 ng

RT: 8.19 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

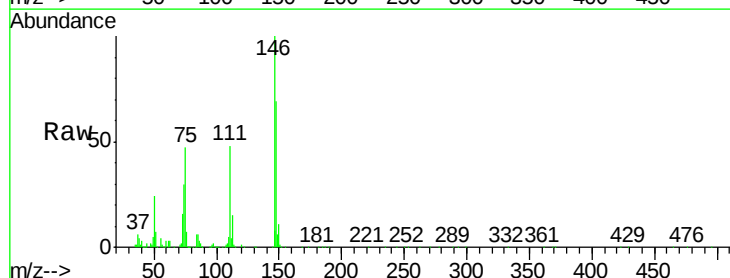
Tgt Ion:146 Resp: 271118

Ion Ratio Lower Upper

146 100

148 68.9 54.5 81.7

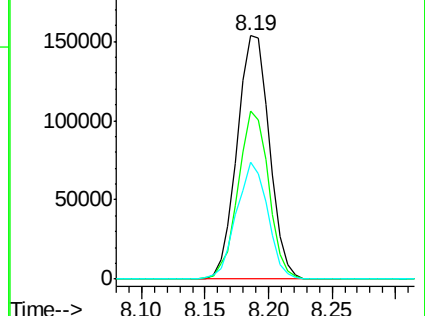
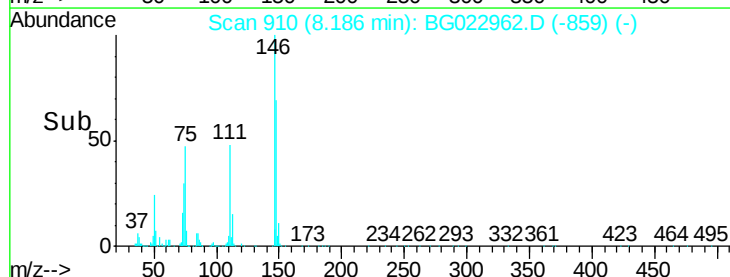
111 48.2 37.8 56.8

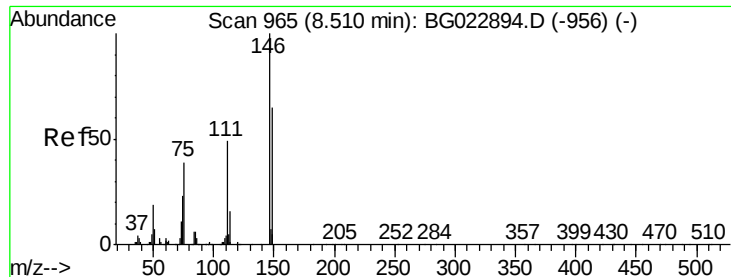


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 41.95 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

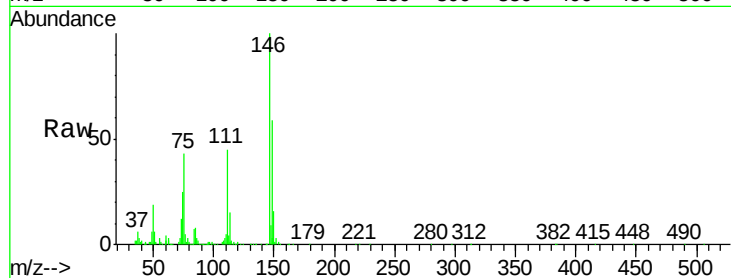
Tot Ion:146 Resp: 275024

Ion Ratio Lower Upper

146 100

148 58.7 52.9 79.3

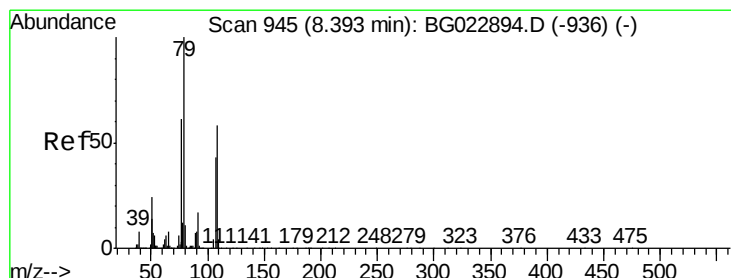
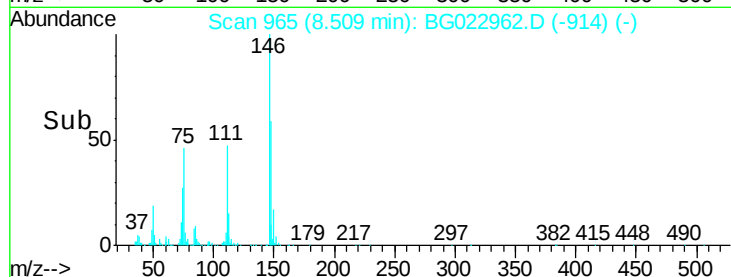
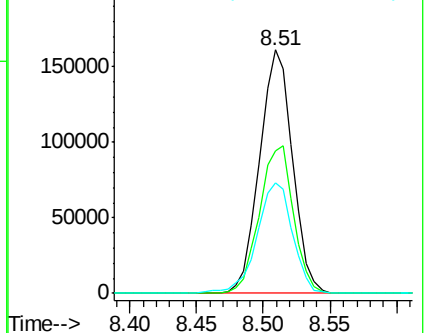
111 45.3 43.5 65.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 48.71 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

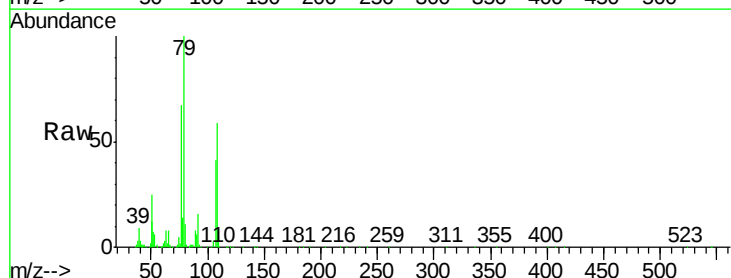
Tgt Ion: 79 Resp: 353297

Ion Ratio Lower Upper

79 100

108 59.5 46.5 69.7

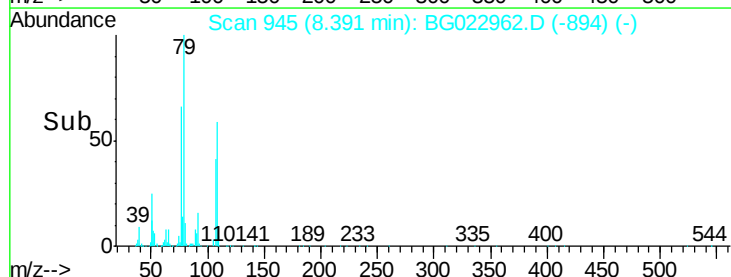
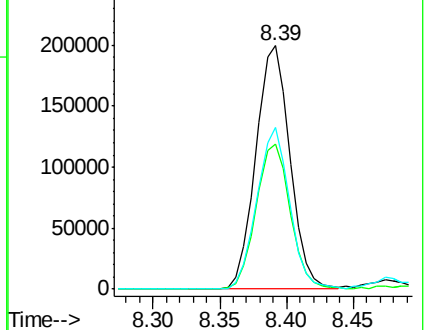
77 66.5 52.3 78.5

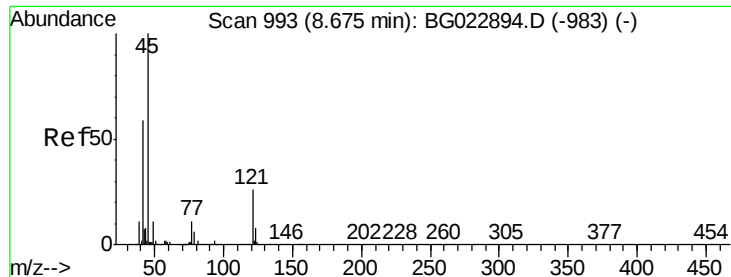


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

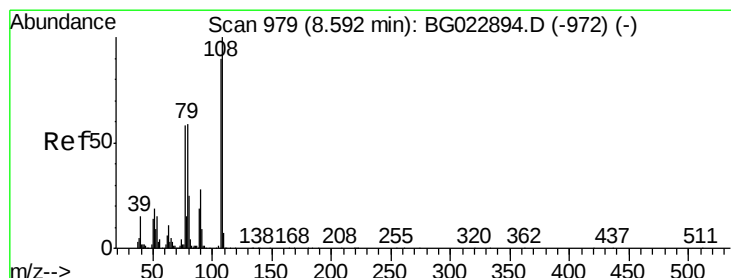
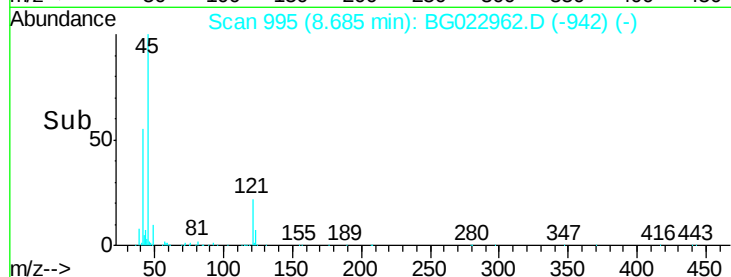
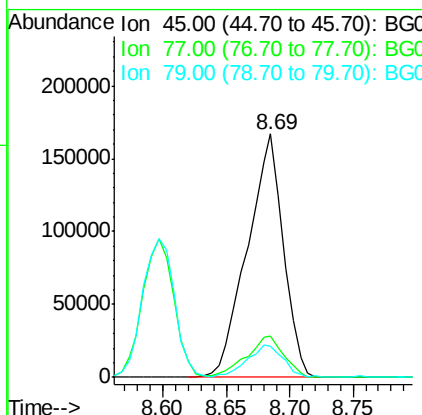
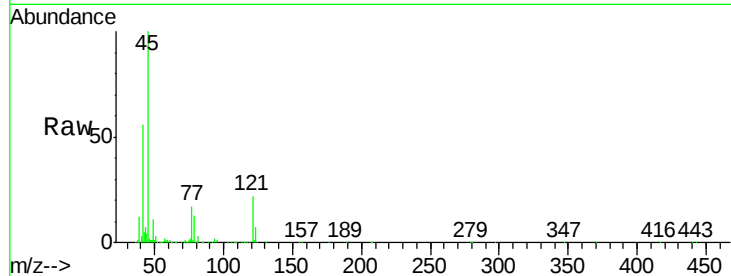




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 41.64 ng
 RT: 8.69 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

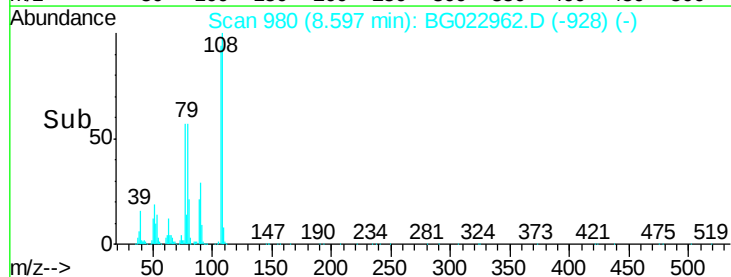
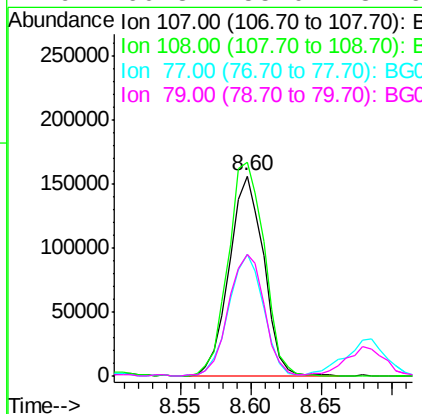
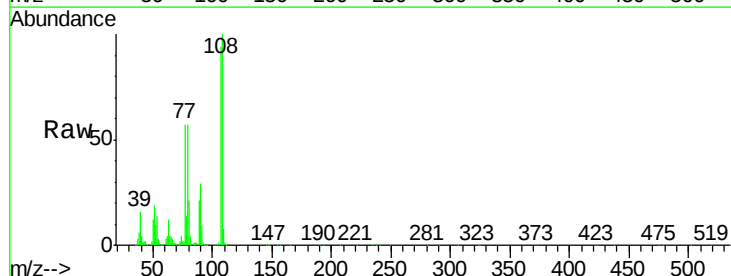
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

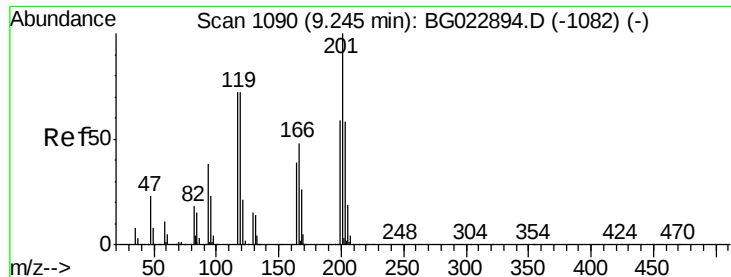
Tot Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.6	40.6
79	12.6	0.0	36.2



#17
 2-Methylphenol
 Concen: 50.04 ng
 RT: 8.60 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	106.9	92.0	138.0
77	61.0	55.8	83.6
79	60.8	55.0	82.6





#18

Hexachloroethane

Concen: 41.12 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

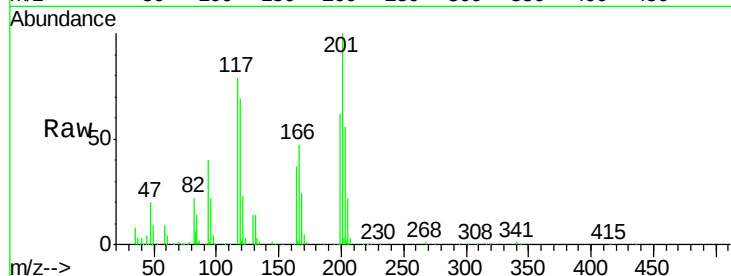
Tot Ion:117 Resp: 114455

Ion Ratio Lower Upper

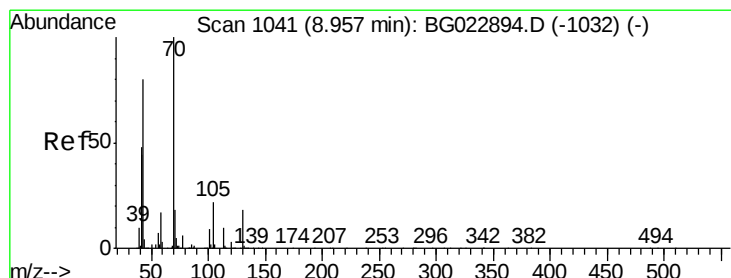
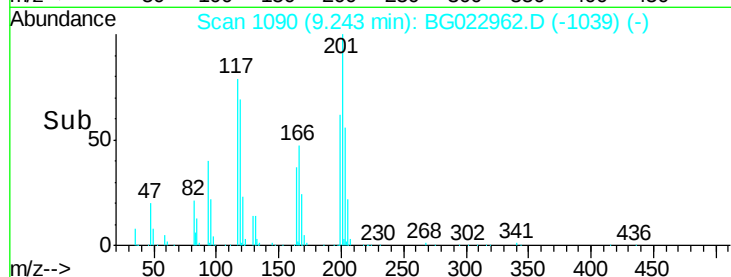
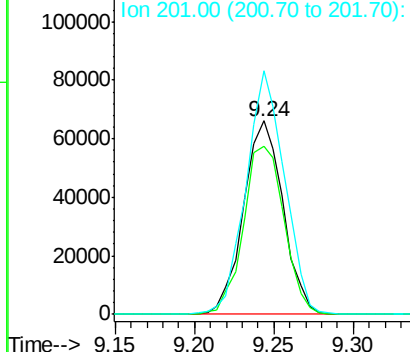
117 100

119 86.7 73.7 110.5

201 125.9 88.7 133.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 38.89 ng

RT: 8.96 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion: 70 Resp: 277616

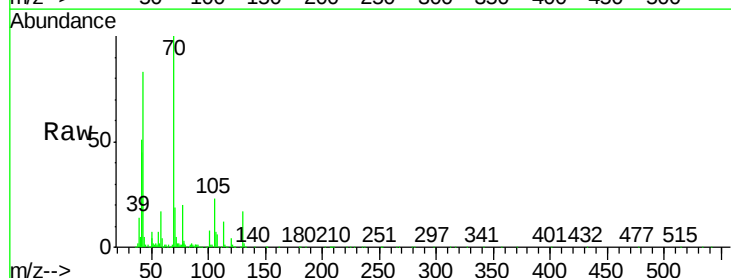
Ion Ratio Lower Upper

70 100

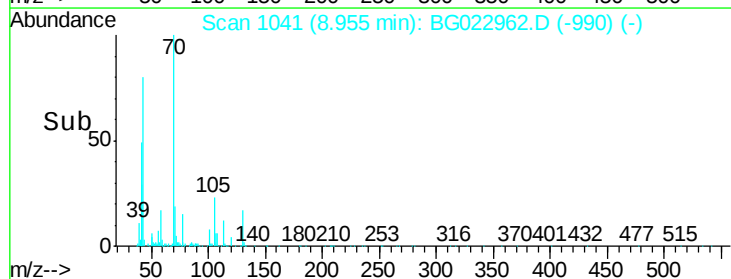
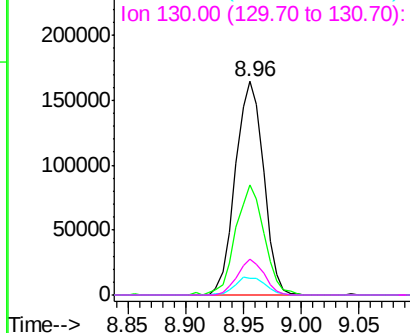
42 51.4 42.1 63.1

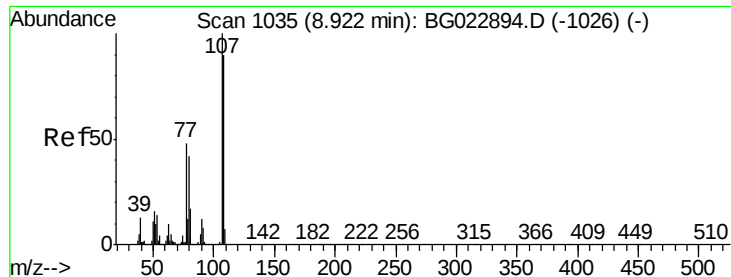
101 8.1 7.2 10.8

130 16.6 14.2 21.2



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





#20

3+4-Methylphenols

Concen: 47.87 ng

RT: 8.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

Tot Ion:107 Resp: 354088

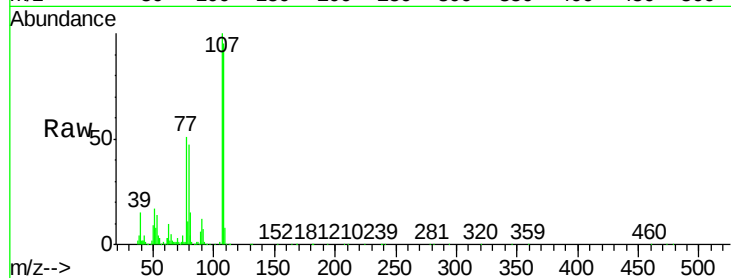
Ion Ratio Lower Upper

107 100

108 95.2 72.5 112.5

77 51.1 30.1 70.1

79 46.8 24.2 64.2

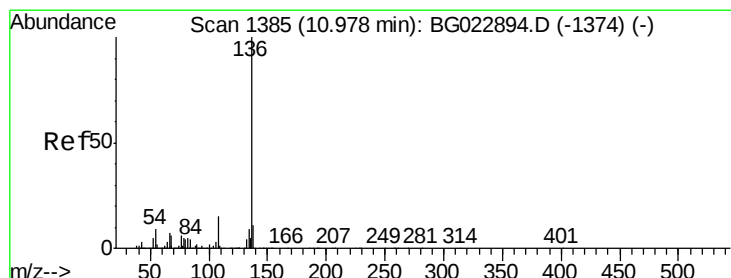
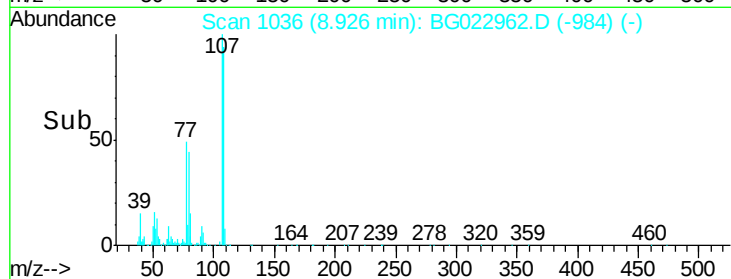
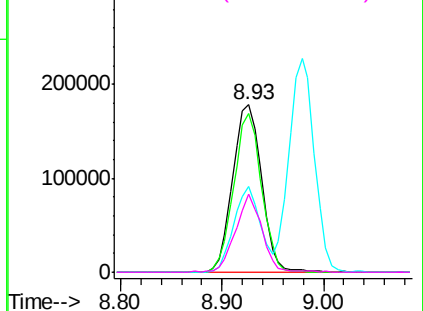


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion:136 Resp: 377746

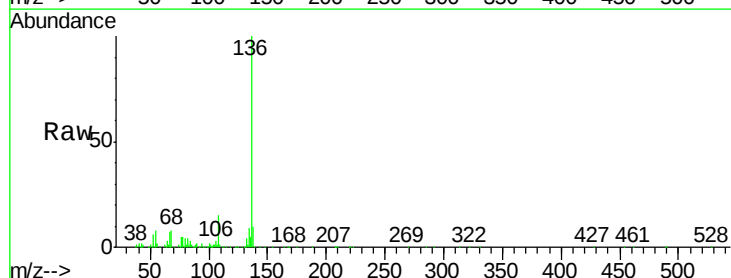
Ion Ratio Lower Upper

136 100

137 9.7 9.6 14.4

54 8.5 7.3 10.9

68 7.6 5.3 7.9

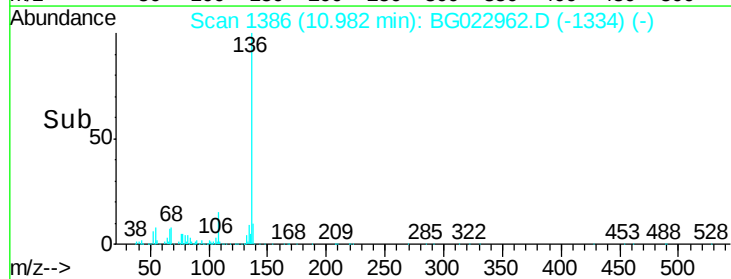
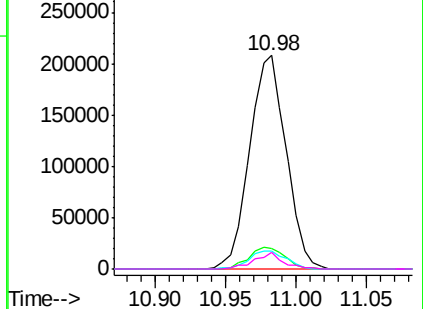


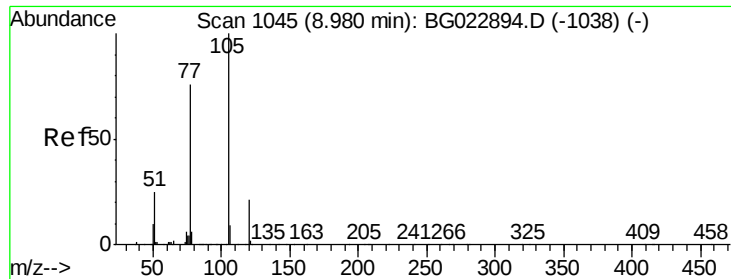
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 40.81 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

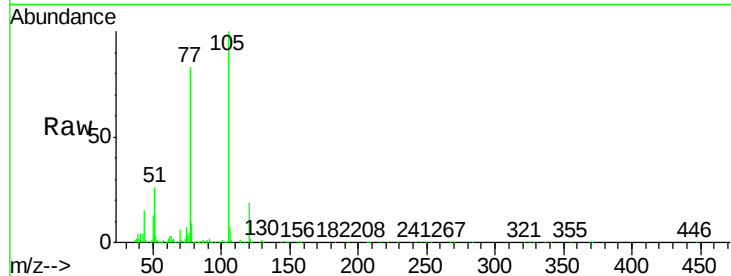
Instrument :

BNA_G

ClientSampleId :

PB91974BS

Tot Ion:	105	Resp:	462677
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	26.3	27.1	40.7#
120	19.1	15.1	22.7

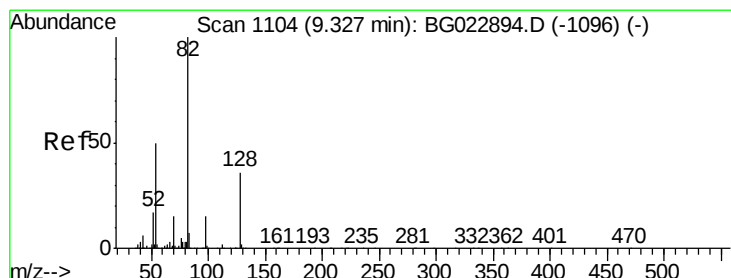
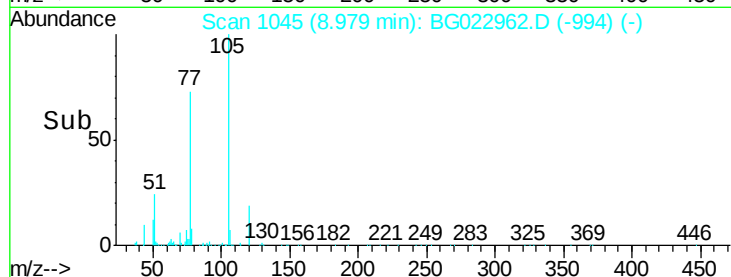
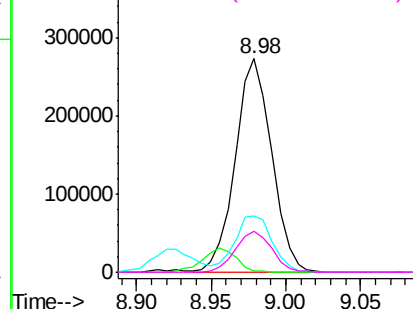


Abundance Ion 105.00 (104.70 to 105.70): E

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: 88.26 ng

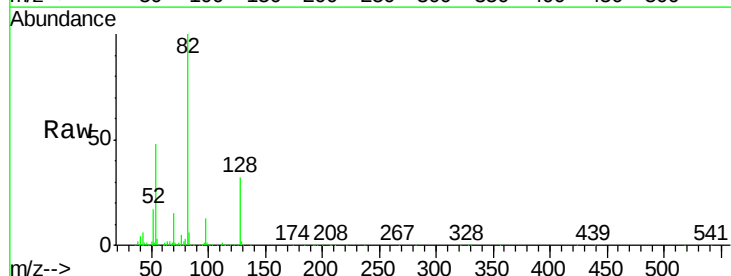
RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

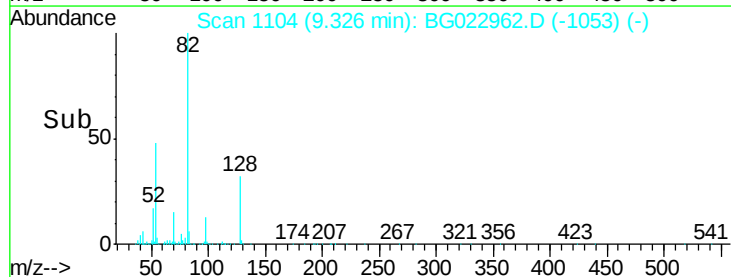
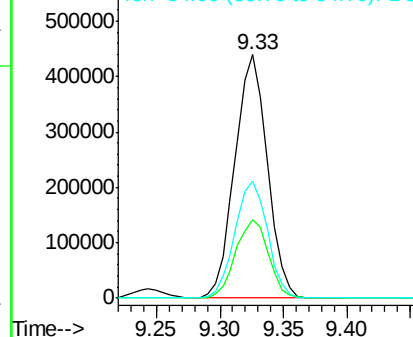
Tgt Ion:	82	Resp:	778584
Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	48.1	41.4	62.0

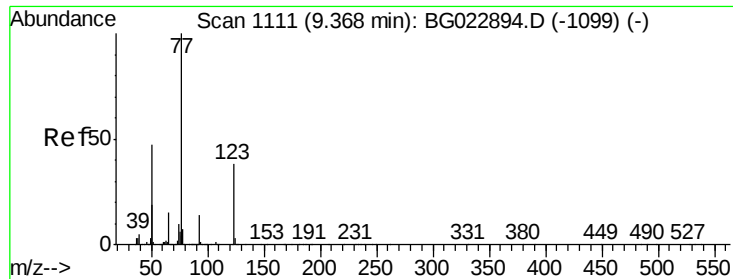


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

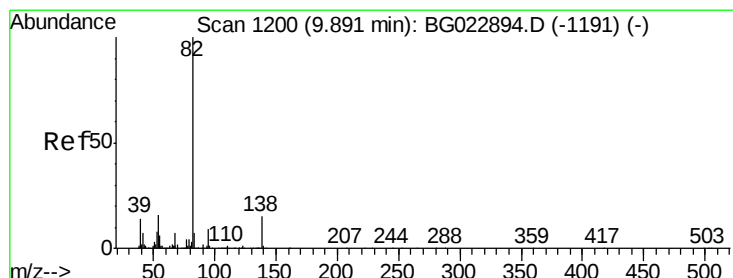
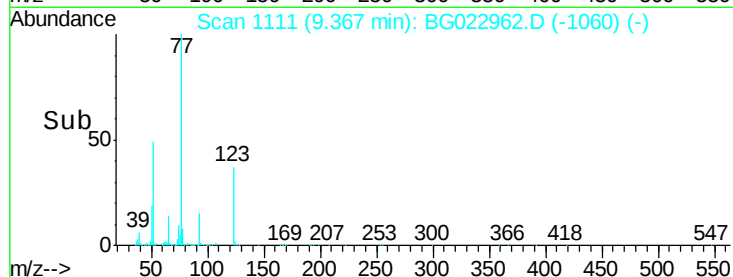
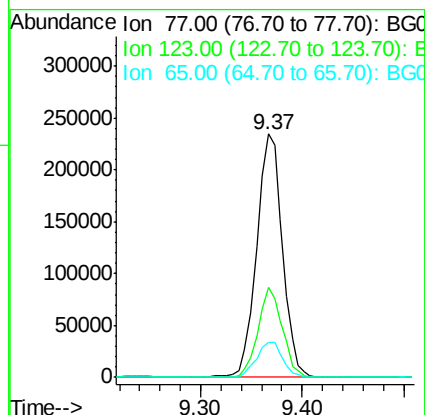
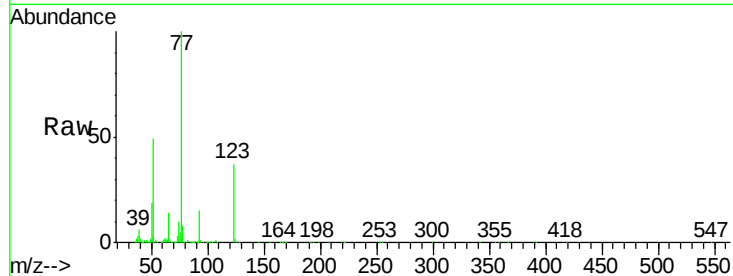




#24
 Nitrobenzene
 Concen: 44.02 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

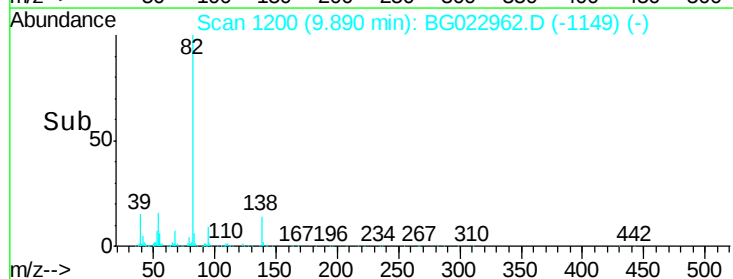
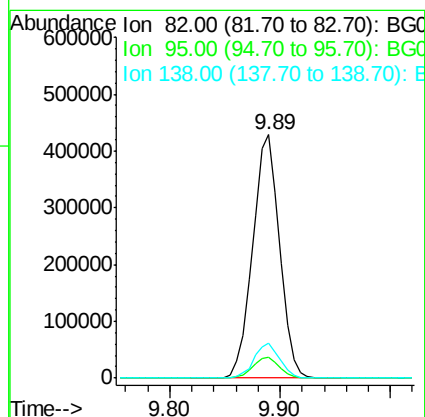
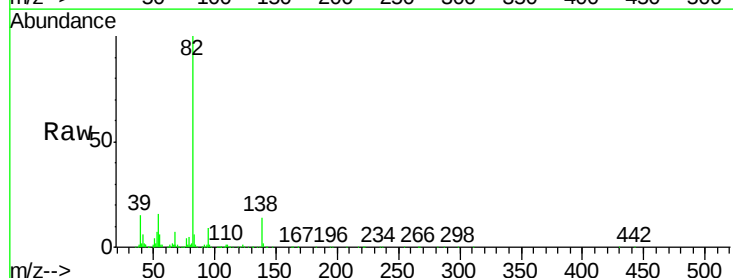
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

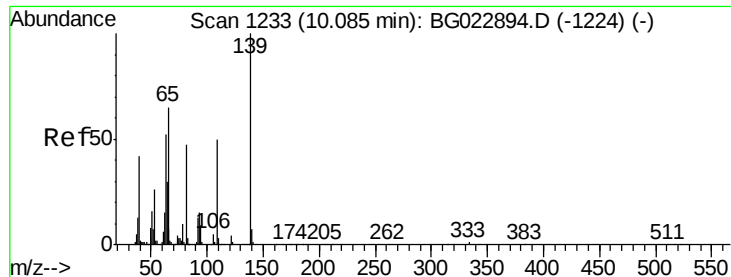
Tot Ion	Ratio	Lower	Upper
77	100		
123	37.2	25.0	37.6
65	14.4	13.4	20.0



#25
 Isophorone
 Concen: 41.23 ng
 RT: 9.89 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.6	8.2	12.2
138	14.3	10.7	16.1

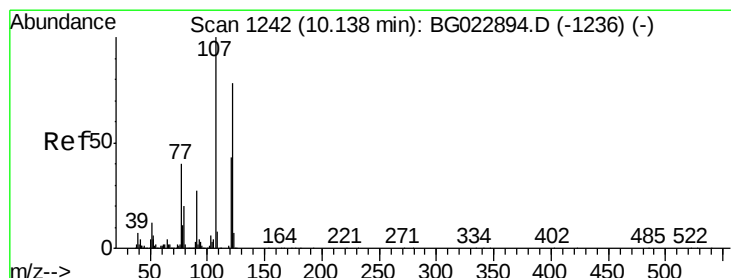
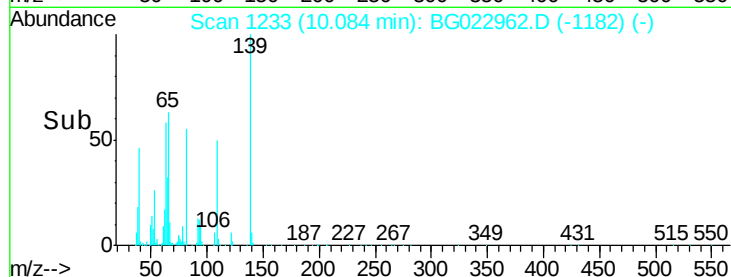
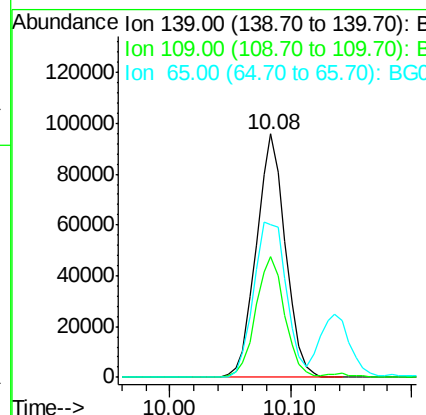
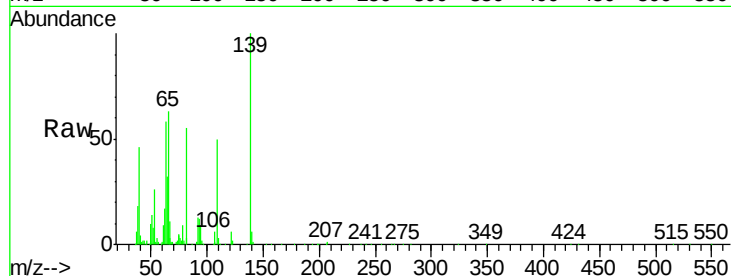




#26
2-Nitrophenol
Concen: 43.74 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

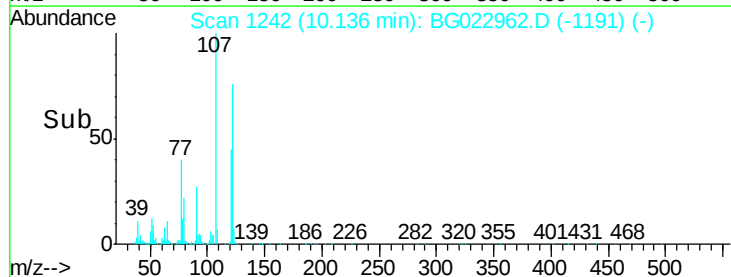
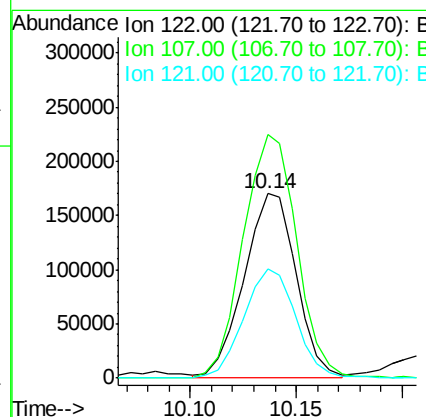
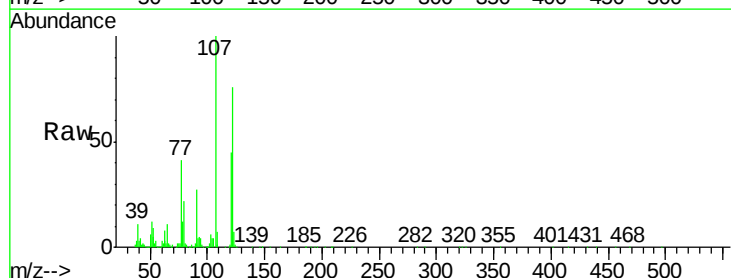
Instrument :
BNA_G
ClientSampleId :
PB91974BS

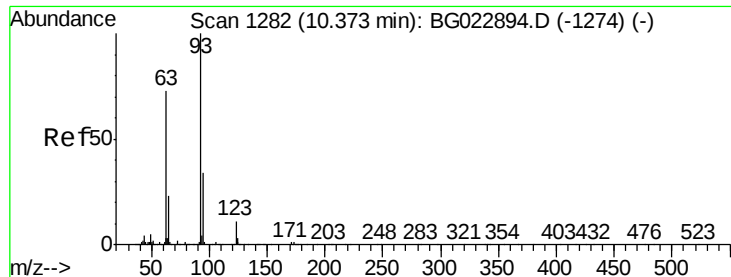
Tot Ion:139 Resp: 160881
Ion Ratio Lower Upper
139 100
109 49.5 43.5 65.3
65 62.8 64.3 96.5#



#27
2,4-Dimethylphenol
Concen: 45.52 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:122 Resp: 289416
Ion Ratio Lower Upper
122 100
107 132.1 117.0 175.4
121 59.4 50.1 75.1

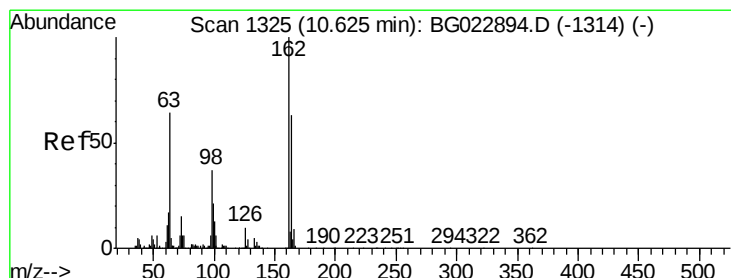
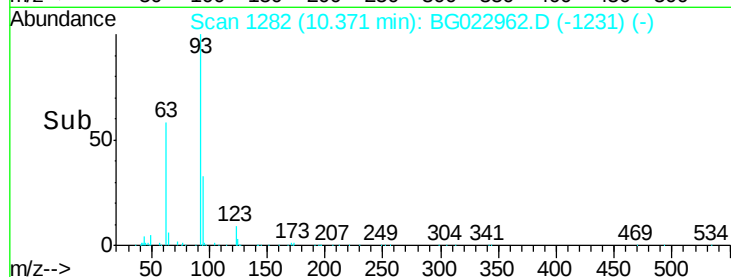
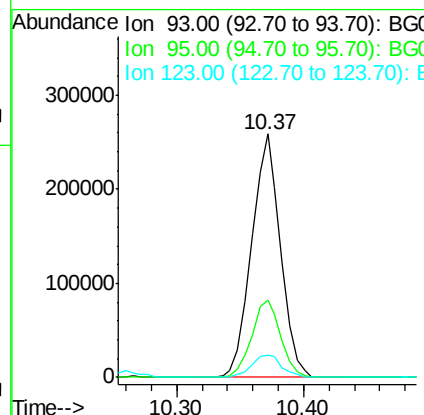
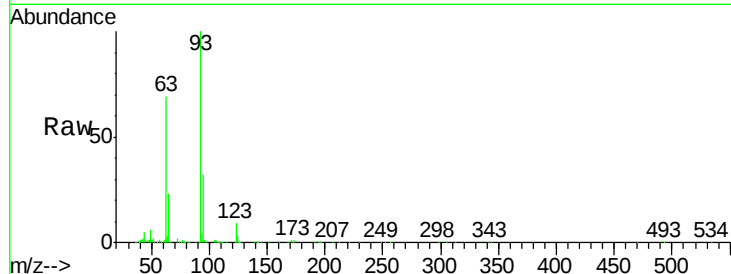




#28
 bis(2-Chloroethoxy)methane
 Concen: 41.16 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

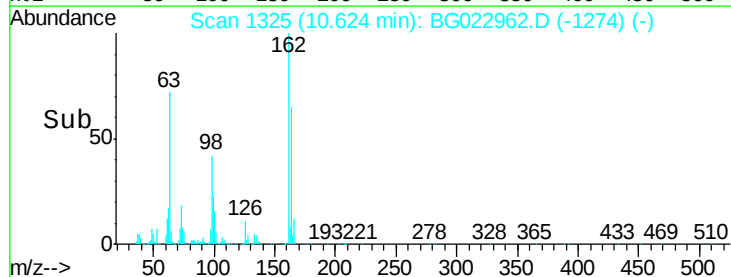
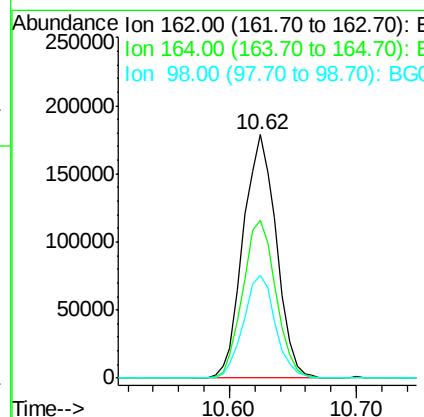
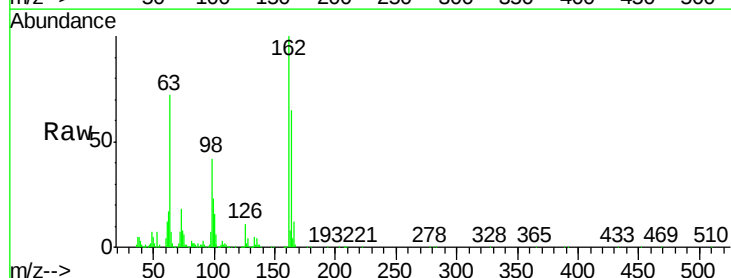
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

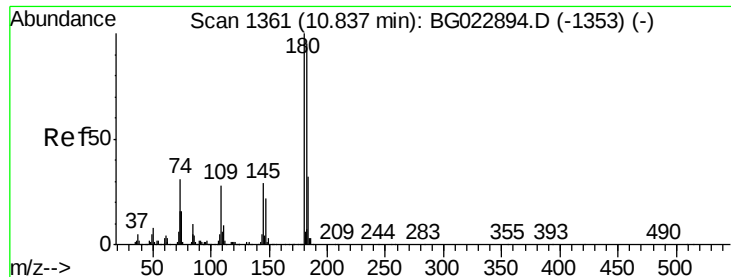
Tot Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.2
123	9.3	8.2	12.2



#29
 2,4-Dichlorophenol
 Concen: 47.82 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.3	84.3
98	42.3	19.5	59.5

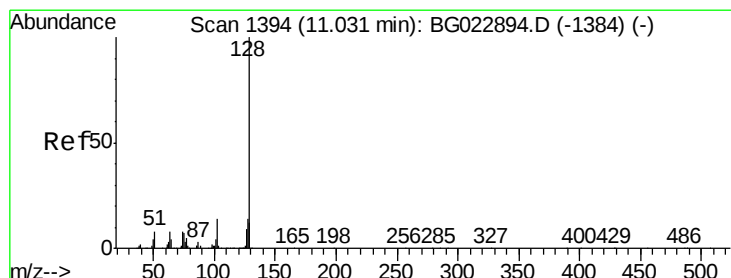
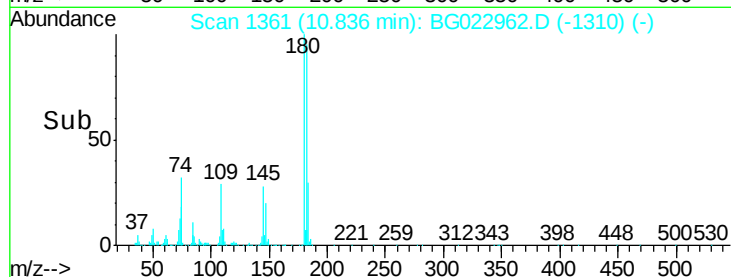
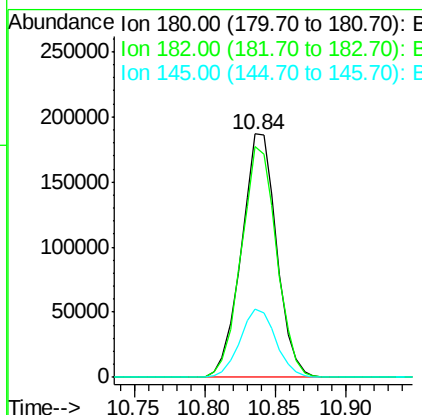
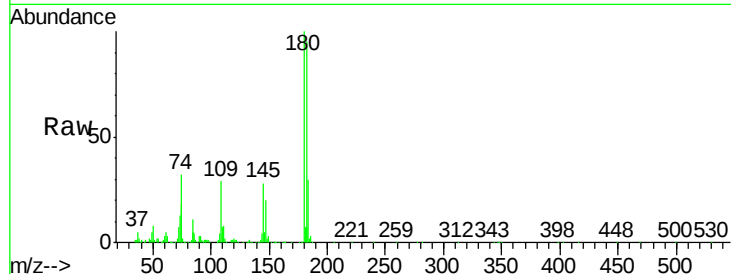




#30
 1,2,4-Trichlorobenzene
 Concen: 42.03 ng
 RT: 10.84 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

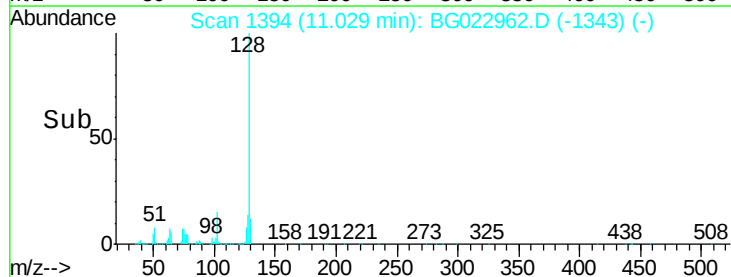
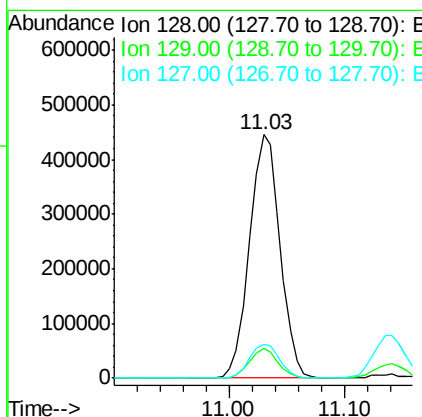
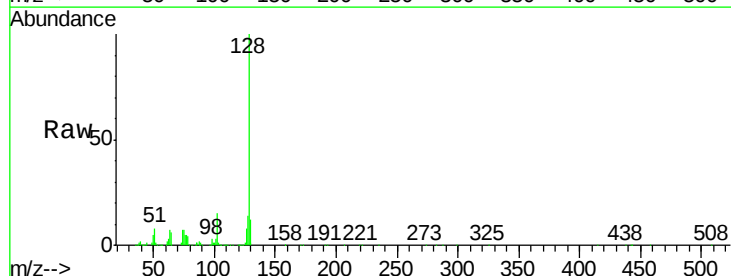
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

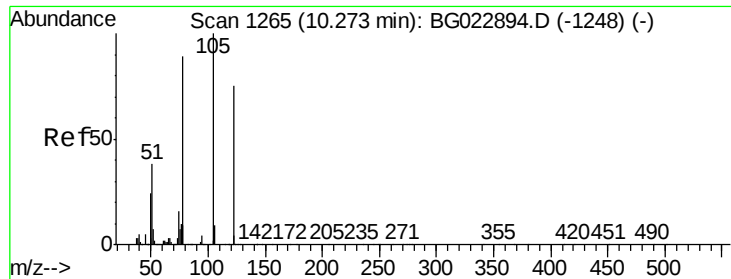
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	73.8	110.8
145	28.0	24.4	36.6



#31
 Naphthalene
 Concen: 42.58 ng
 RT: 11.03 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.0
127	14.0	11.3	16.9





#32

Benzoic acid

Concen: 35.86 ng

RT: 10.27 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

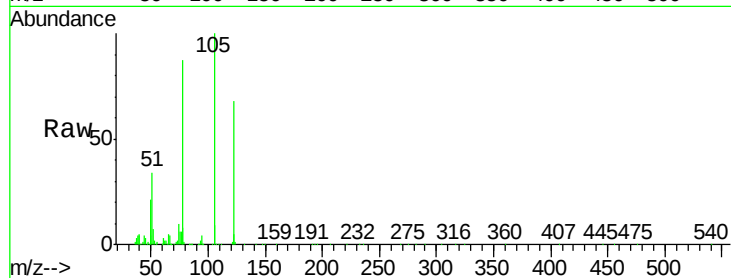
Tot Ion:122 Resp: 207416

Ion Ratio Lower Upper

122 100

105 147.0 117.2 157.2

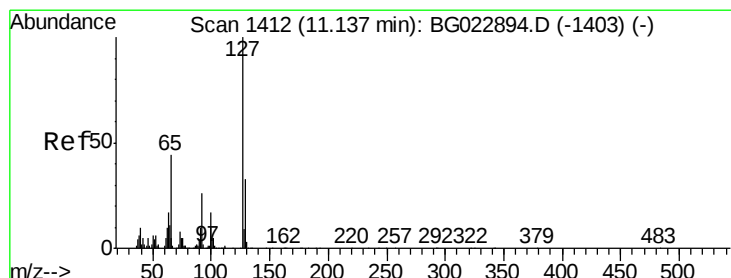
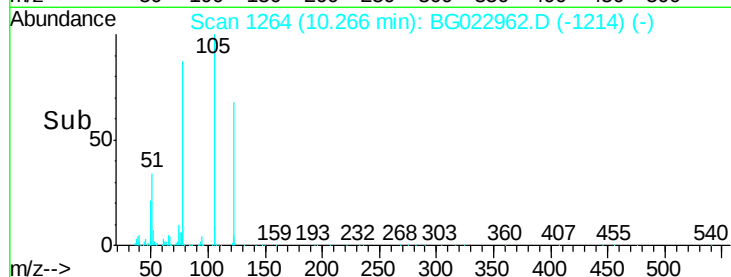
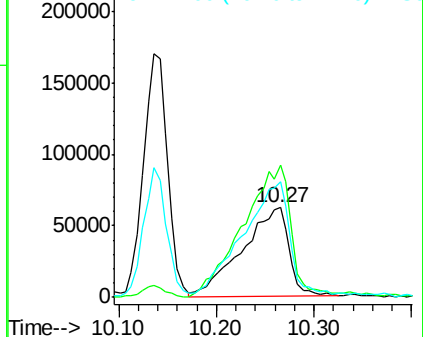
77 128.1 109.2 149.2



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: 16.38 ng

RT: 11.14 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion:127 Resp: 153995

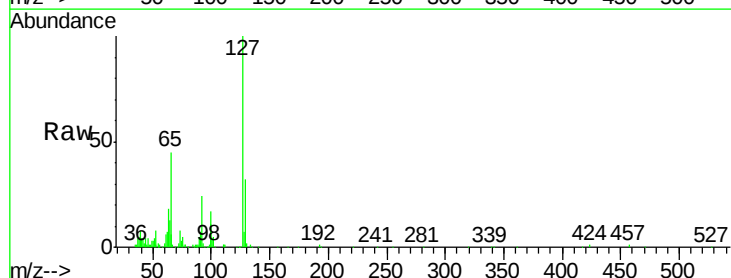
Ion Ratio Lower Upper

127 100

129 32.0 27.9 41.9

65 45.1 36.8 55.2

92 24.5 21.0 31.6

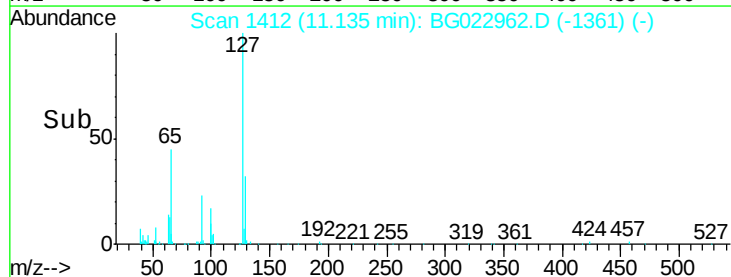
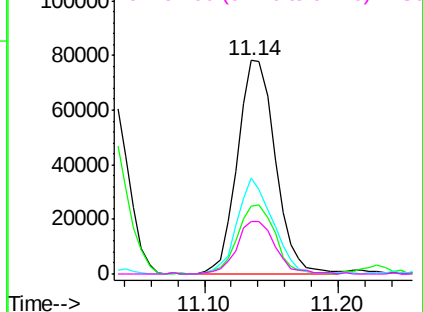


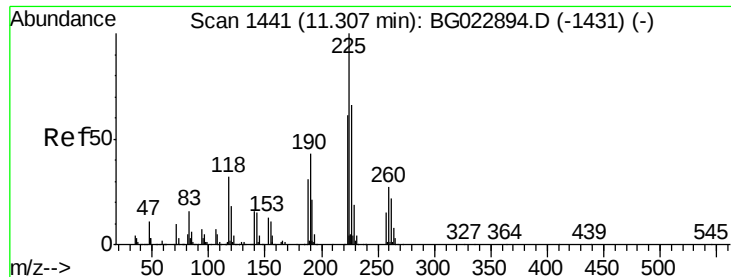
Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.76 ng

RT: 11.31 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

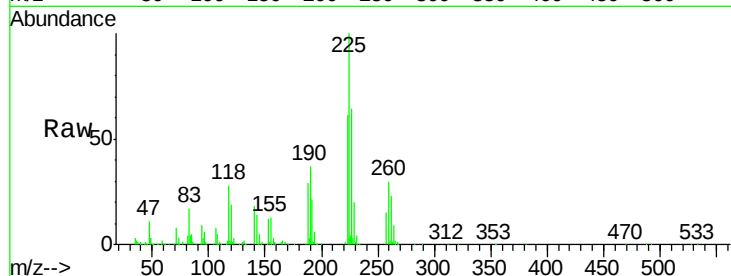
Tot Ion:225 Resp: 244175

Ion Ratio Lower Upper

225 100

223 60.8 49.6 74.4

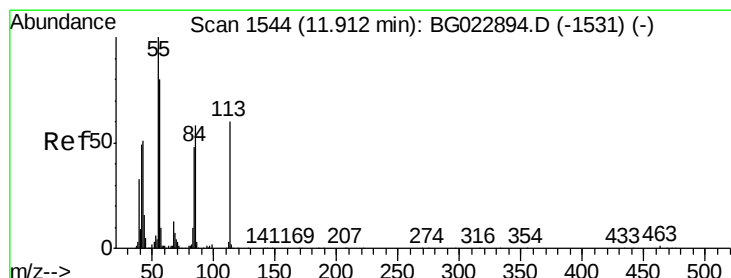
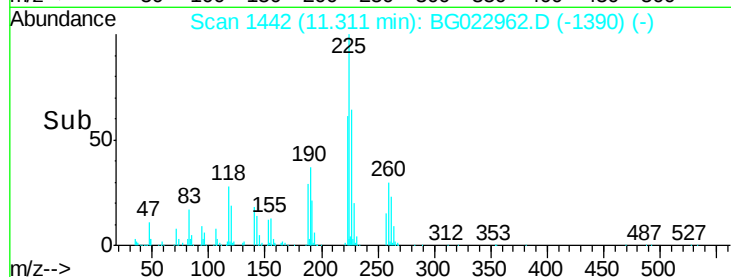
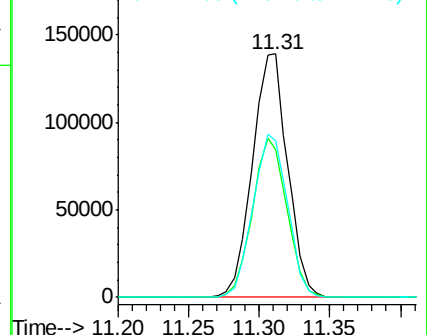
227 64.1 54.5 81.7



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: 40.99 ng m

RT: 11.90 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

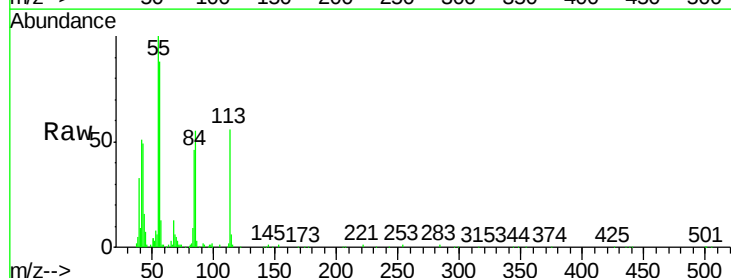
Tgt Ion:113 Resp: 114365

Ion Ratio Lower Upper

113 100

55 178.4 154.5 194.5

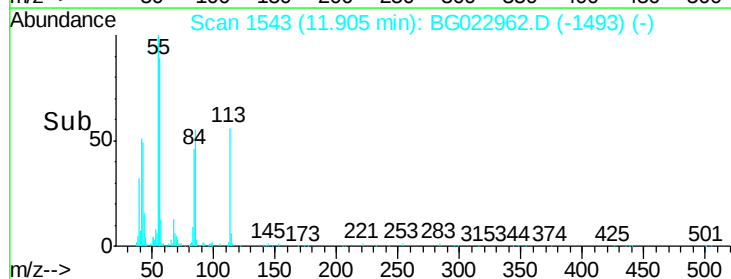
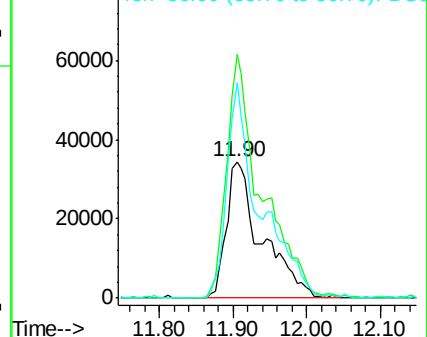
56 157.7 125.1 165.1

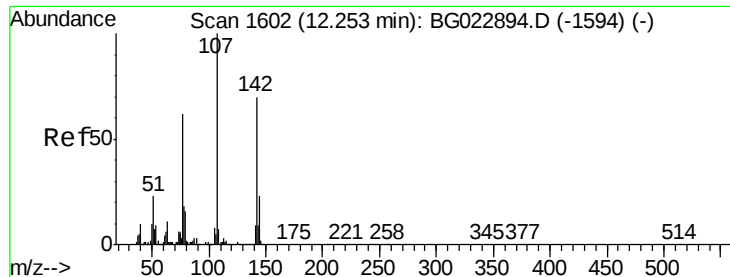


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

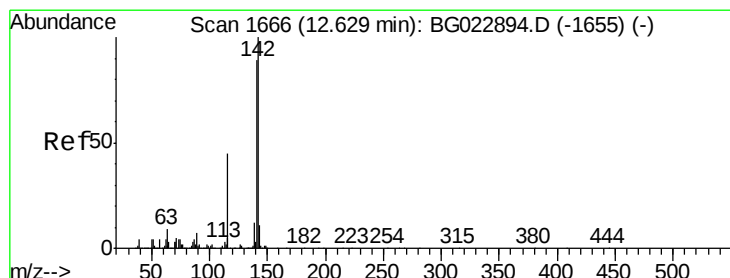
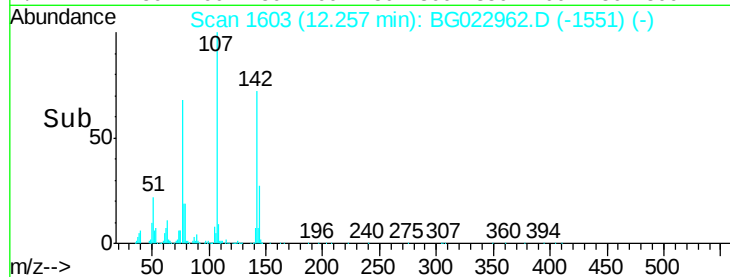
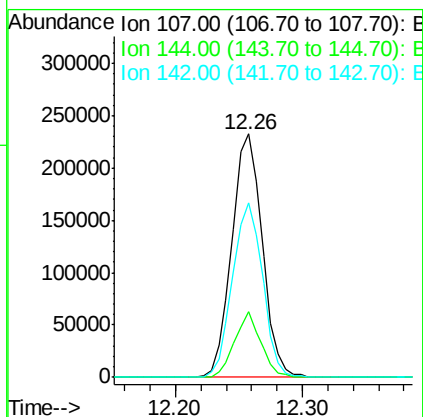
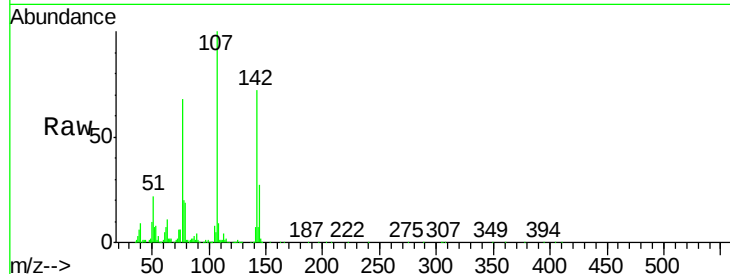




#36
 4-Chloro-3-methylphenol
 Concen: 41.61 ng
 RT: 12.26 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

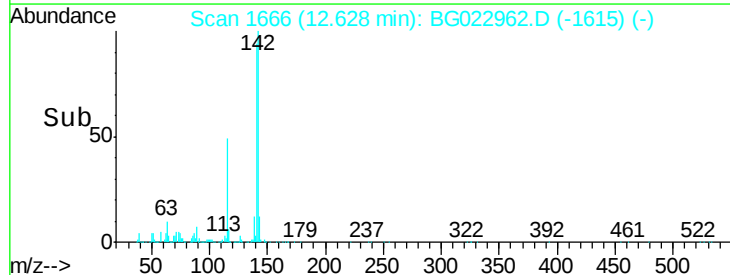
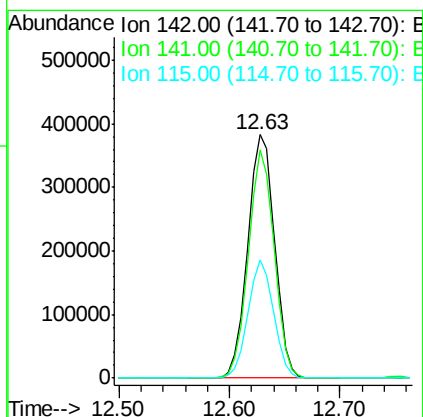
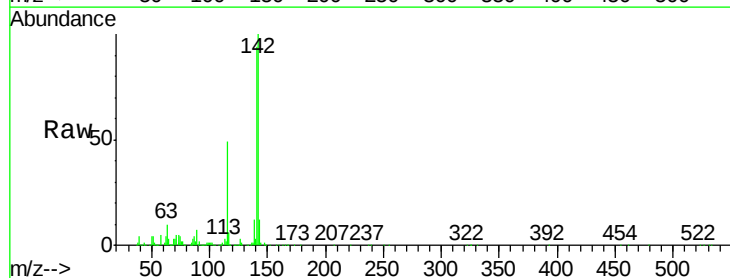
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

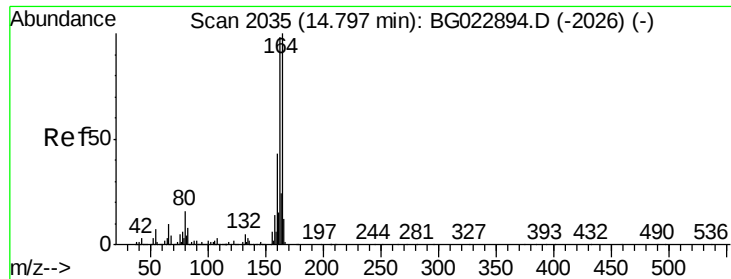
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.9	17.0	25.6#
142	71.7	53.0	79.6



#37
 2-Methylnaphthalene
 Concen: 43.06 ng
 RT: 12.63 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	70.2	105.2
115	48.6	41.7	62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

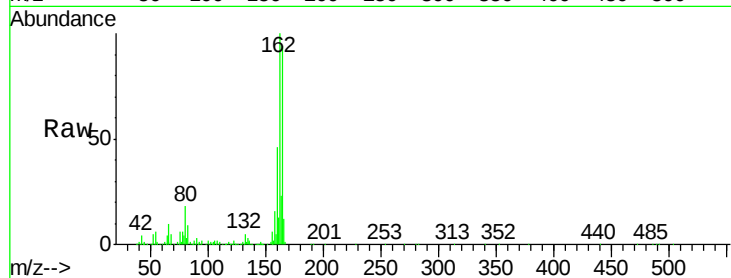
Tot Ion:164 Resp: 292260

Ion	Ratio	Lower	Upper
164	100		
162	106.4	87.7	131.5
160	48.6	37.2	55.8

164 100

162 106.4 87.7 131.5

160 48.6 37.2 55.8

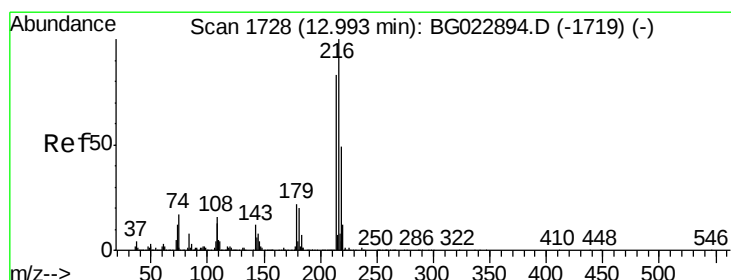
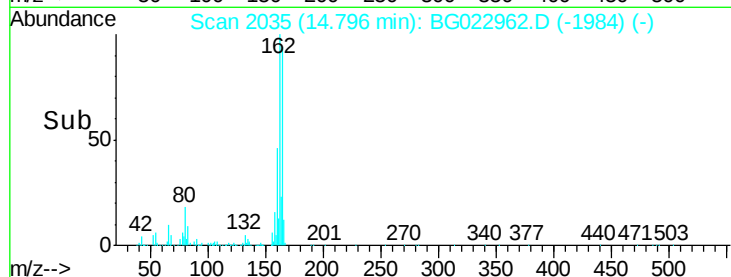
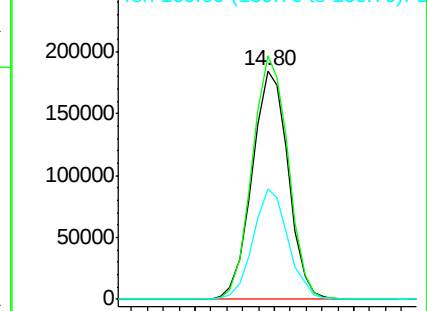


Abundance

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: 34.00 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion:216 Resp: 428202

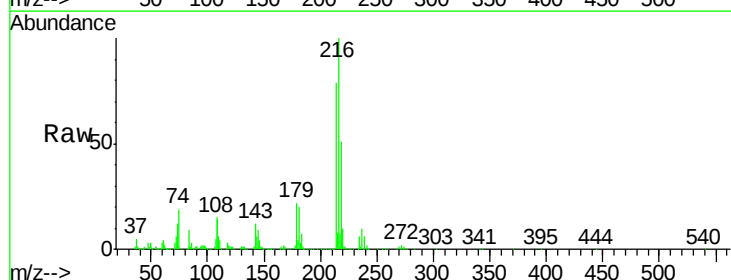
Ion	Ratio	Lower	Upper
216	100		
214	82.1	62.9	94.3
179	21.8	17.2	25.8
108	20.2	16.3	24.5

216 100

214 82.1 62.9 94.3

179 21.8 17.2 25.8

108 20.2 16.3 24.5



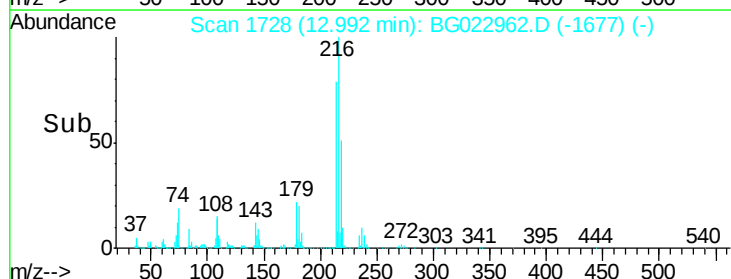
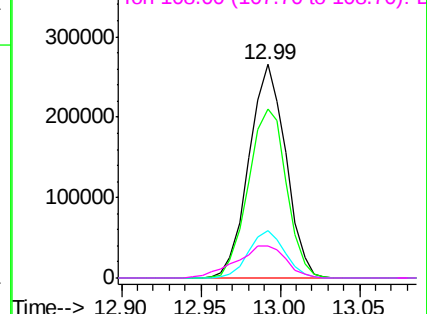
Abundance

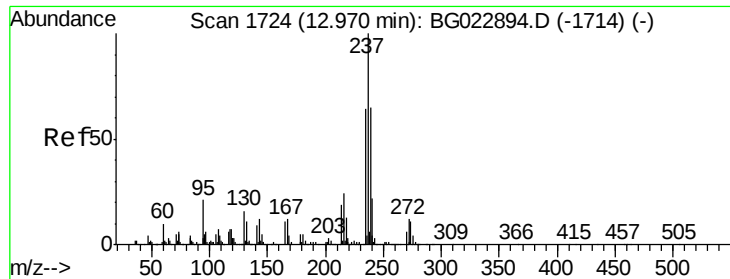
Ion 216.00 (215.70 to 216.70): E

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

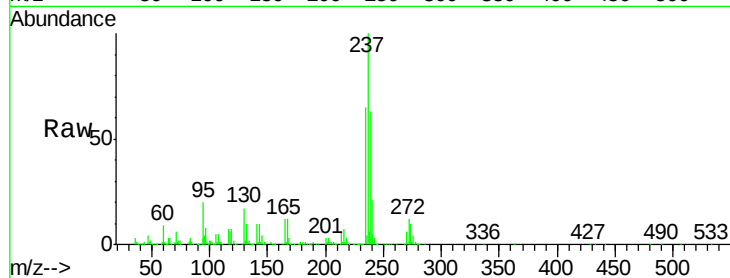




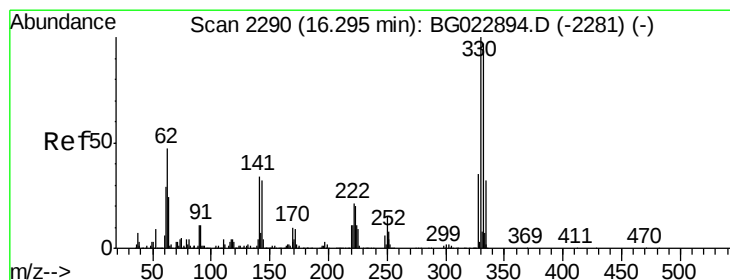
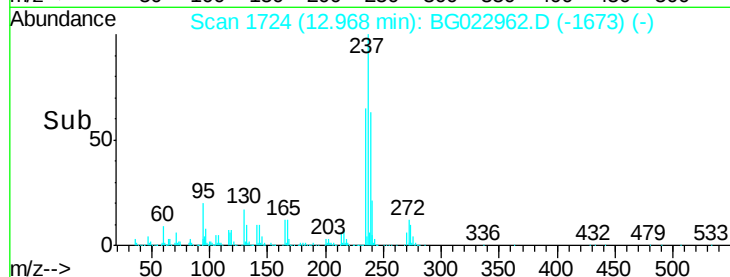
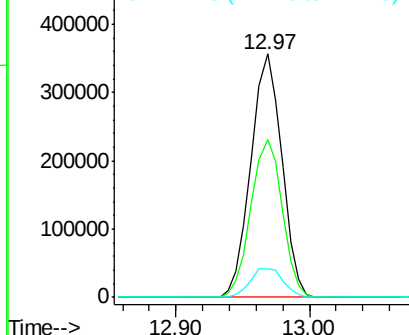
#40
Hexachlorocyclopentadiene
Concen: 78.61 ng
RT: 12.97 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :
PB91974BS

Tot Ion:237 Resp: 569962
Ion Ratio Lower Upper
237 100
235 64.6 43.1 83.1
272 12.0 0.0 30.9

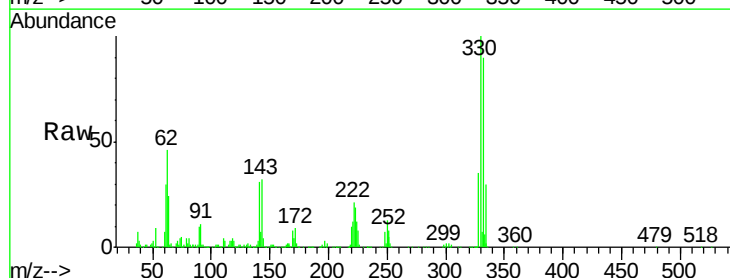


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

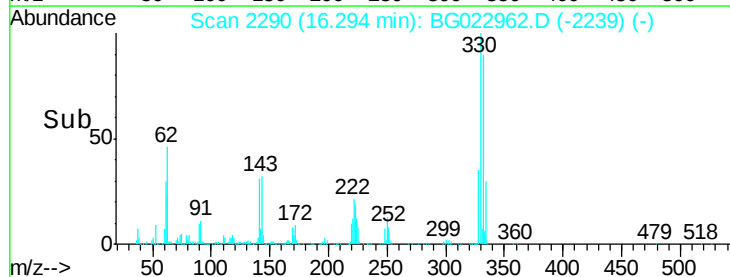
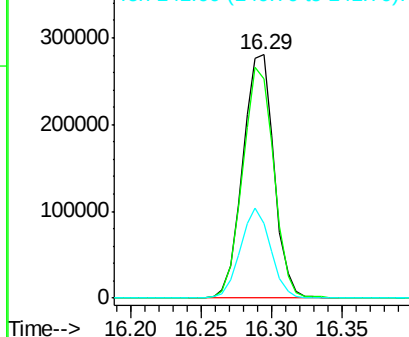


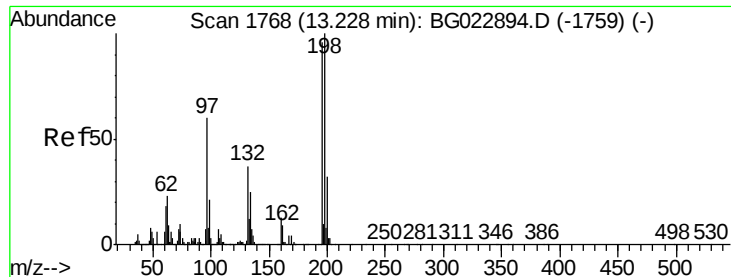
#41
2,4,6-Tribromophenol
Concen: 82.74 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:330 Resp: 434592
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.2
141 35.8 31.7 47.5



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

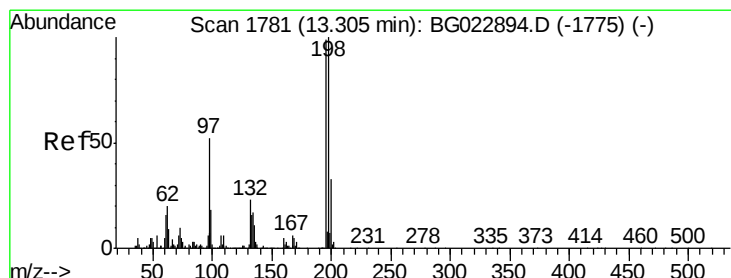
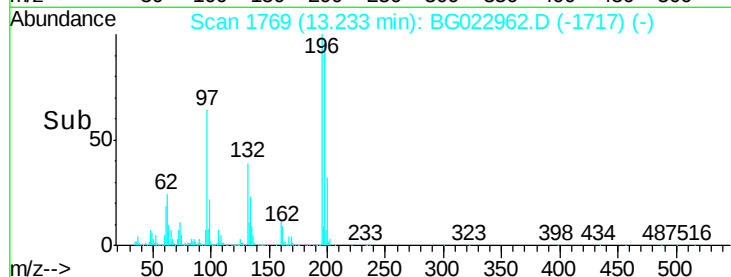
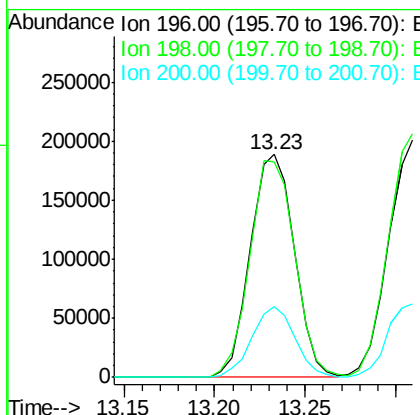
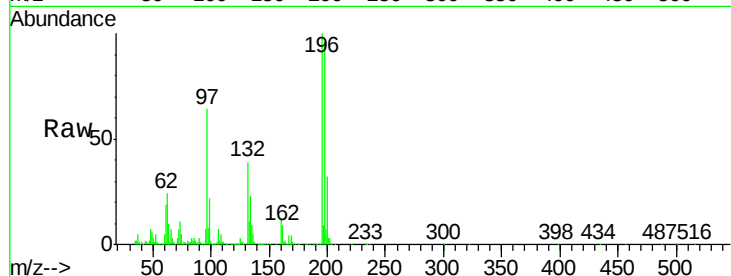




#42
 2,4,6-Trichlorophenol
 Concen: 44.04 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

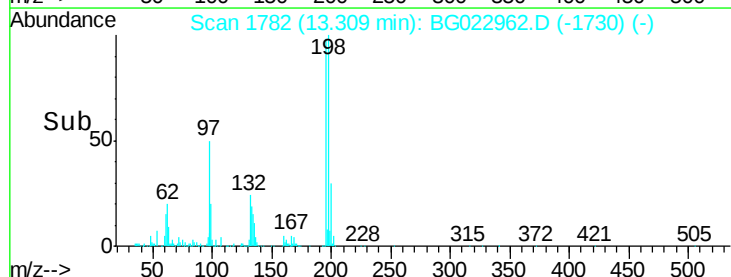
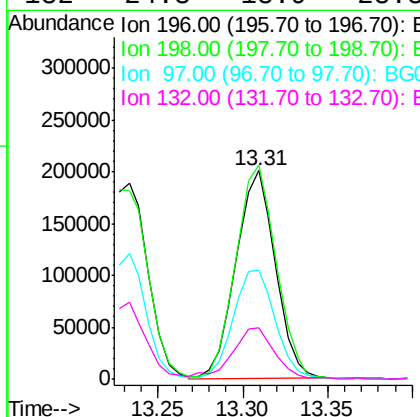
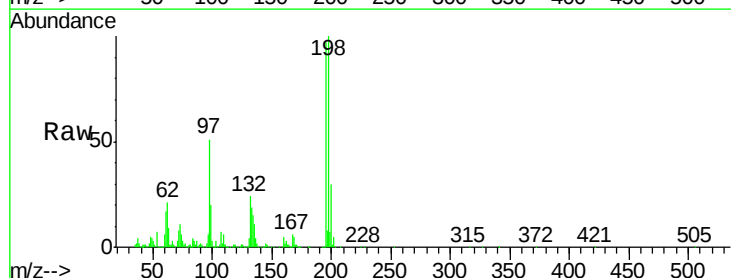
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

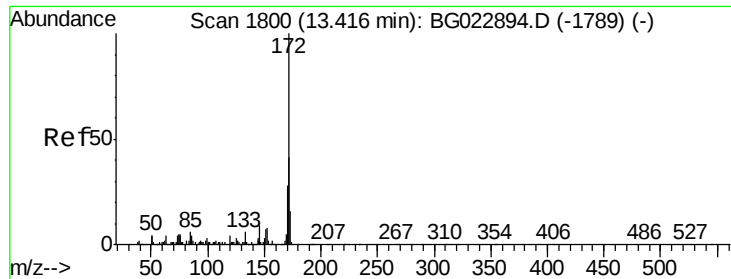
Tot Ion:196 Resp: 318794
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.2 117.2
 200 31.5 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 43.90 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion:196 Resp: 326330
 Ion Ratio Lower Upper
 196 100
 198 102.6 85.7 128.5
 97 52.3 45.5 68.3
 132 24.3 18.9 28.3



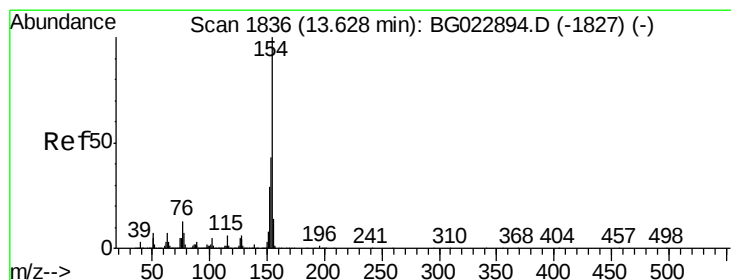
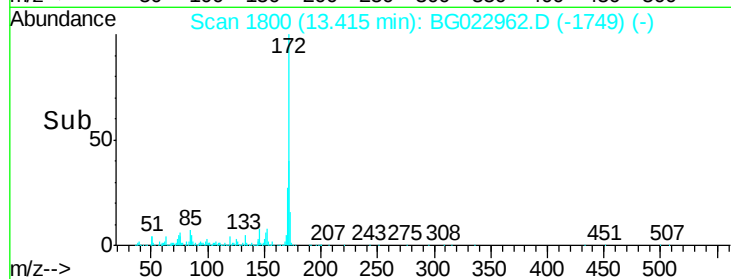
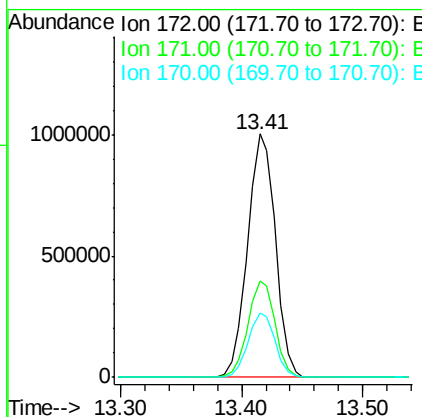
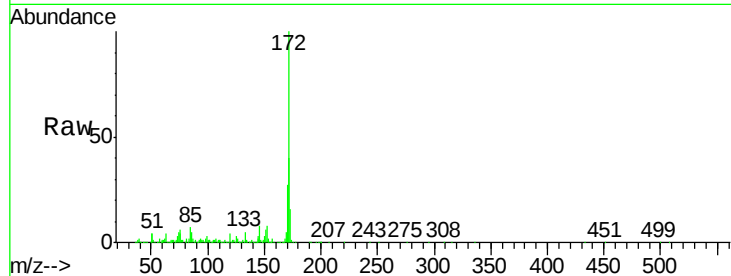


#44
 2-Fluorobiphenyl
 Concen: 86.69 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

Tot Ion:172 Resp: 1608469

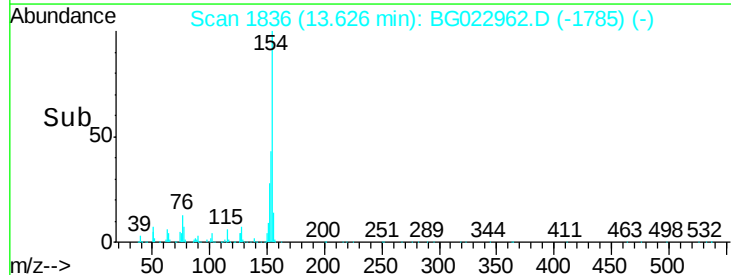
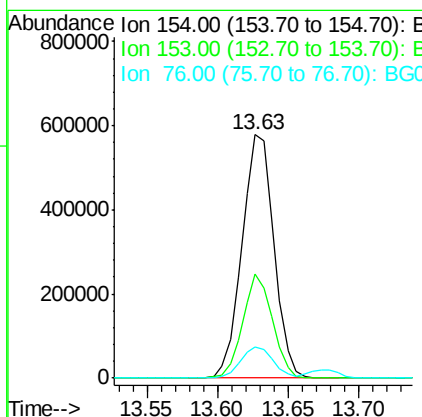
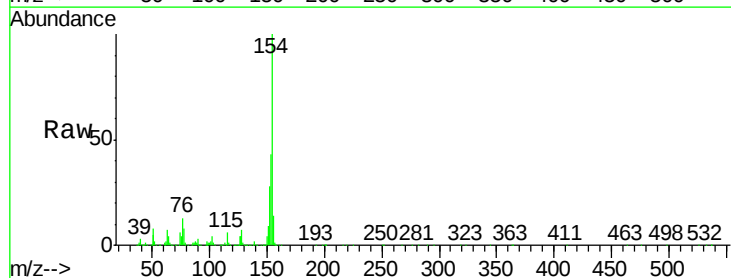
Ion	Ratio	Lower	Upper
172	100		
171	39.8	31.6	47.4
170	26.5	21.3	31.9

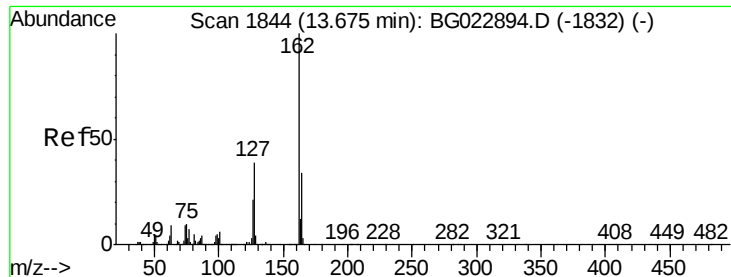


#45
 1,1'-Biphenyl
 Concen: 41.74 ng
 RT: 13.63 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion:154 Resp: 915275

Ion	Ratio	Lower	Upper
154	100		
153	42.8	20.2	60.2
76	12.9	0.0	32.9

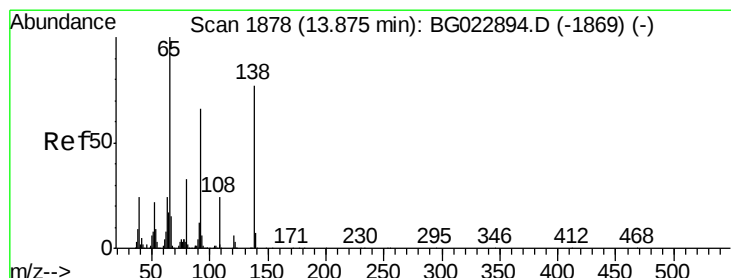
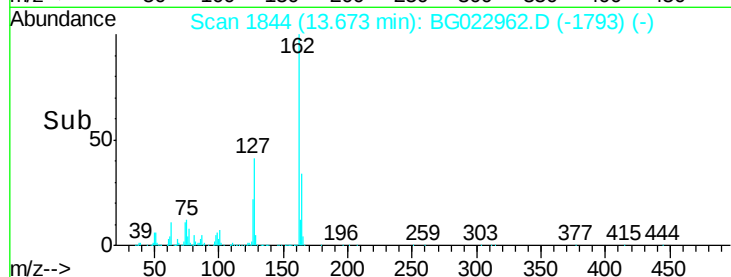
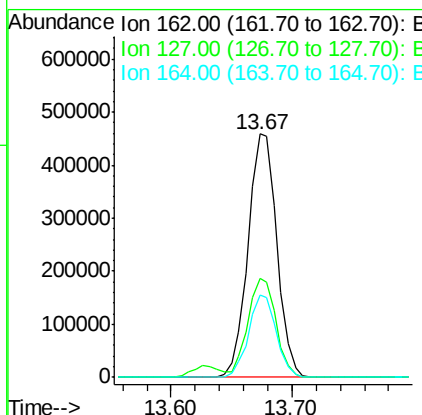
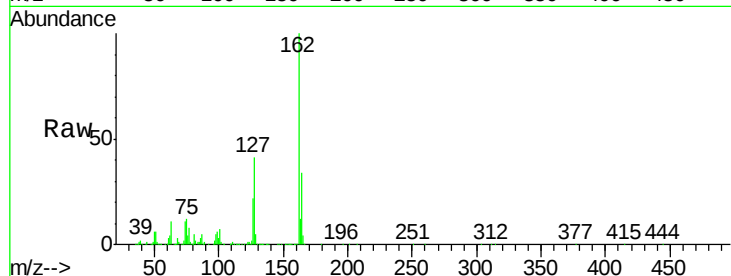




#46
2-Chloronaphthalene
Concen: 42.92 ng
RT: 13.67 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

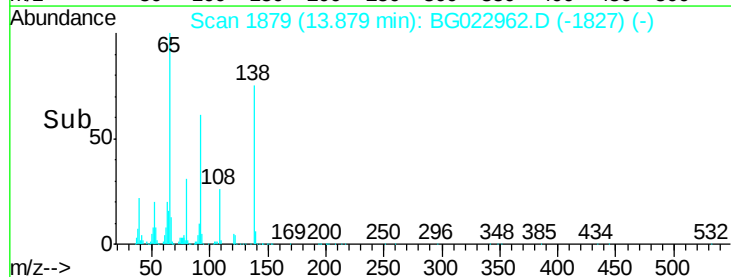
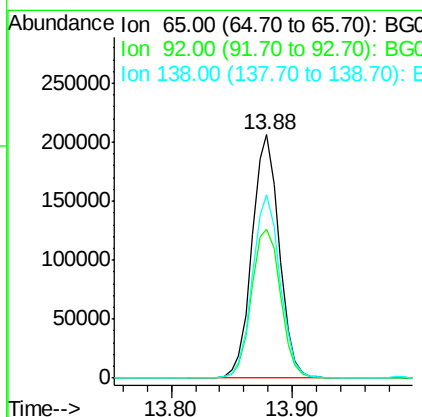
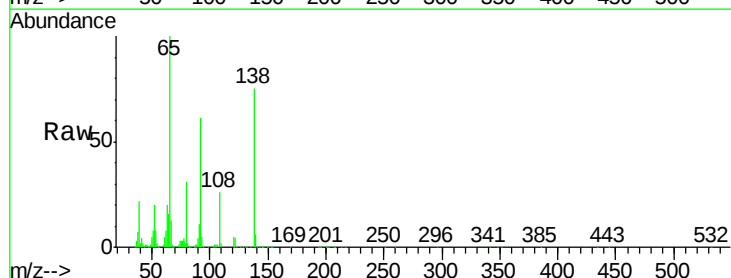
Instrument :
BNA_G
ClientSampleId :
PB91974BS

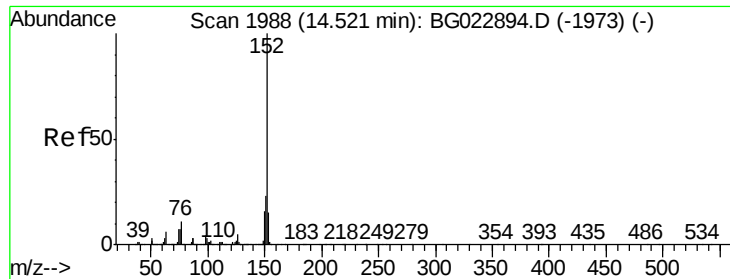
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.4	48.6
164	33.9	25.2	37.8



#47
2-Nitroaniline
Concen: 42.91 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.0	49.4	74.0
138	75.4	58.0	87.0





#48

Acenaphthylene

Concen: 43.49 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

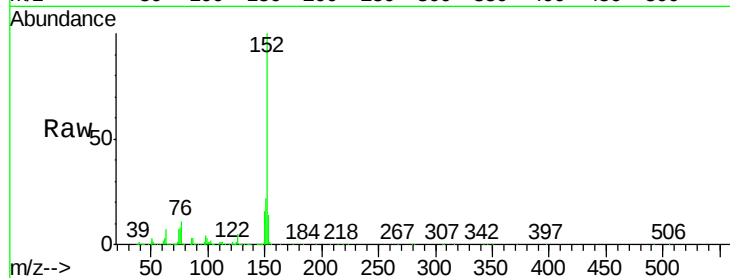
Tot Ion:152 Resp: 1160453

Ion Ratio Lower Upper

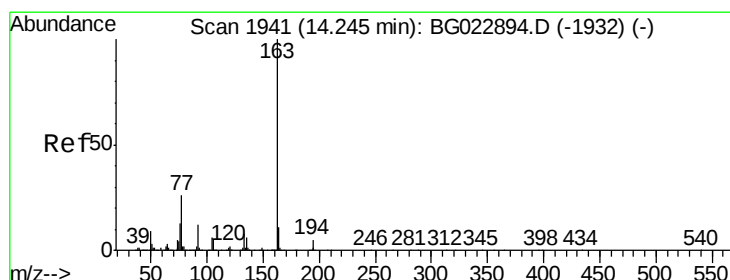
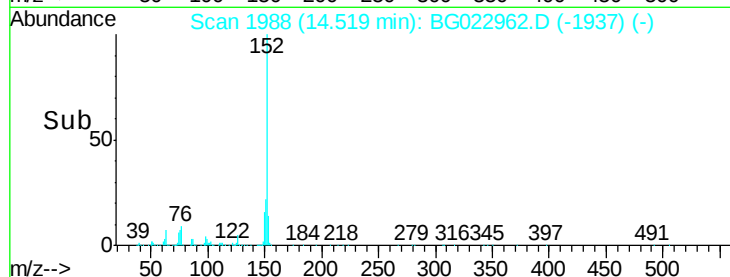
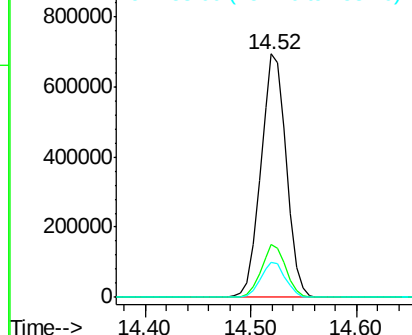
152 100

151 21.8 17.6 26.4

153 14.3 11.4 17.2



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: 43.55 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

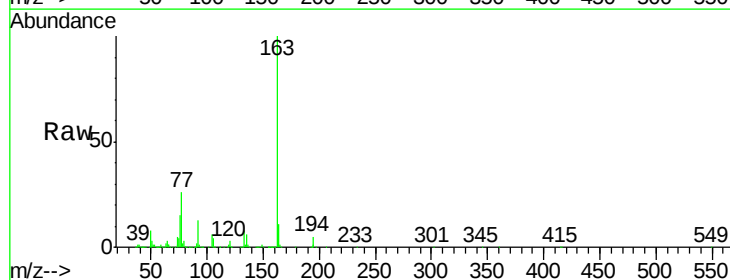
Tgt Ion:163 Resp: 1039791

Ion Ratio Lower Upper

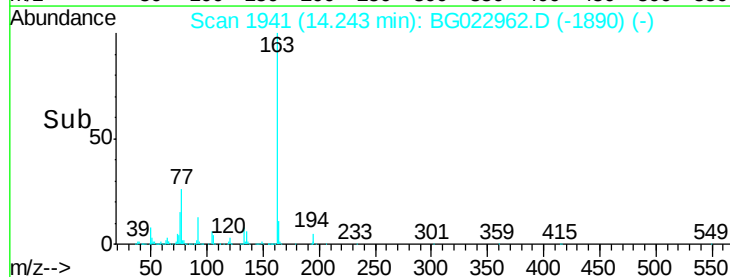
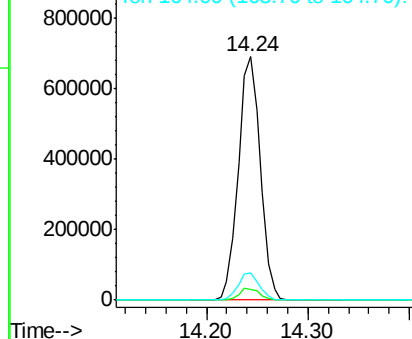
163 100

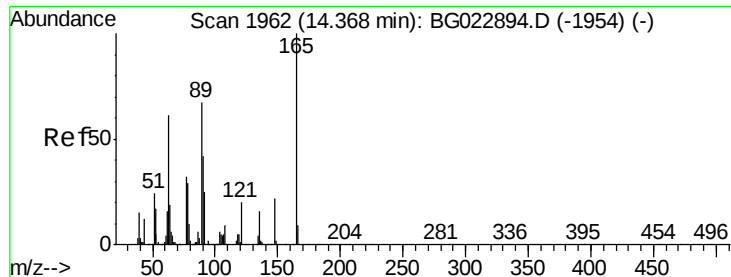
194 4.6 3.6 5.4

164 11.3 8.1 12.1



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

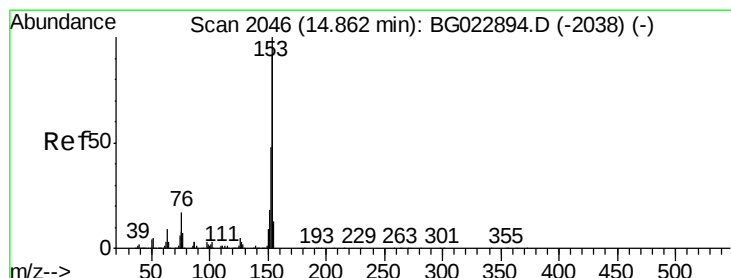
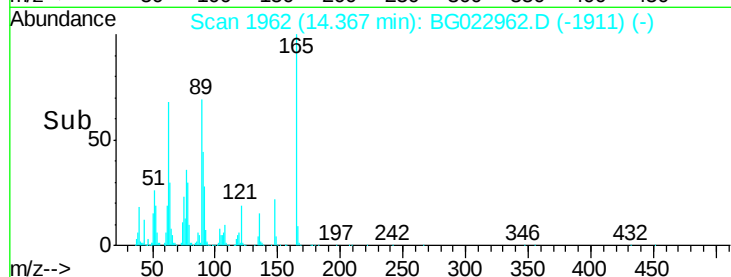
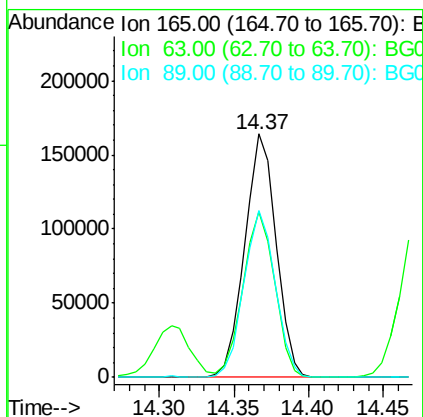
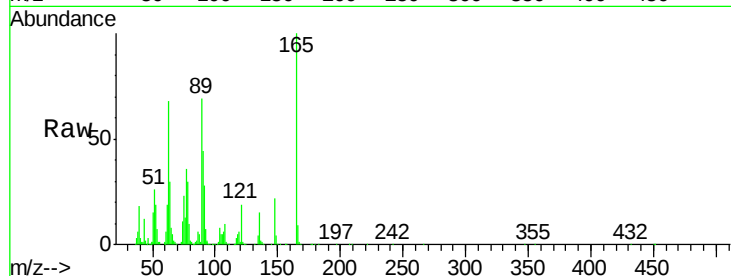




#50
2,6-Dinitrotoluene
Concen: 44.42 ng
RT: 14.37 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

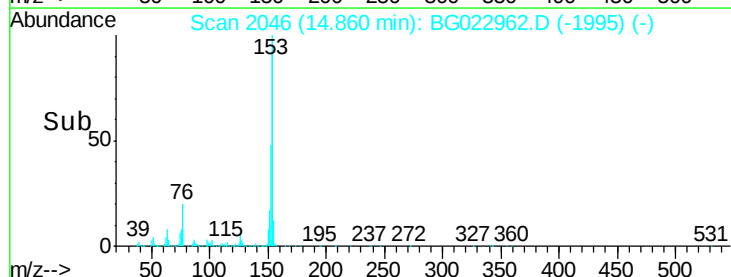
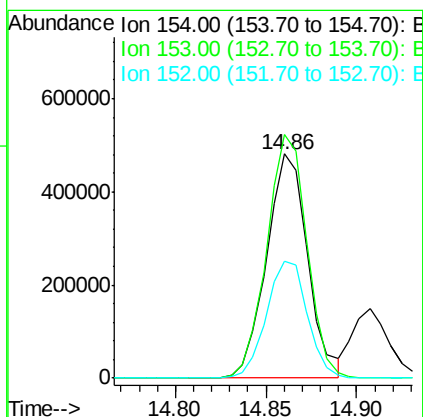
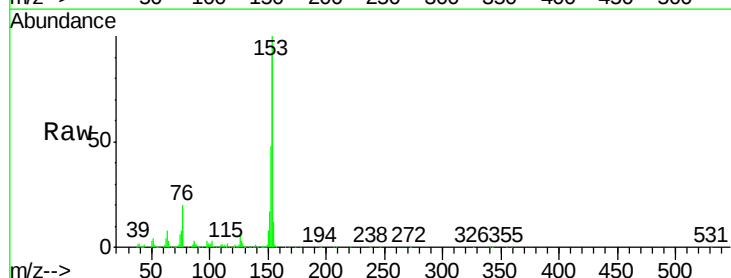
Instrument :
BNA_G
ClientSampleId :
PB91974BS

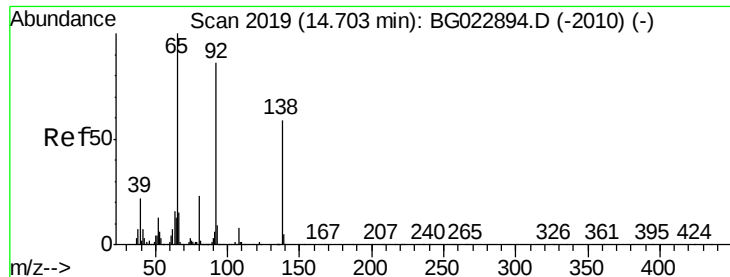
Tot Ion:165 Resp: 238302
Ion Ratio Lower Upper
165 100
63 68.0 64.3 96.5
89 68.7 64.3 96.5



#51
Acenaphthene
Concen: 43.58 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:154 Resp: 759913
Ion Ratio Lower Upper
154 100
153 108.6 87.5 131.3
152 52.0 42.7 64.1

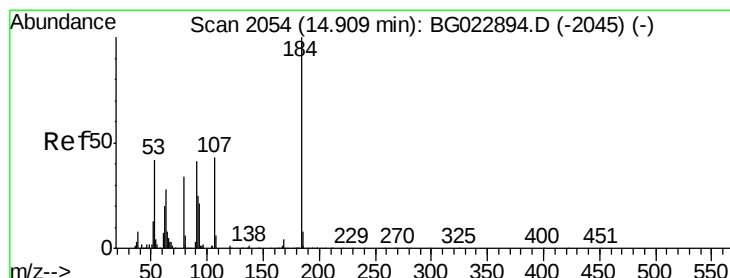
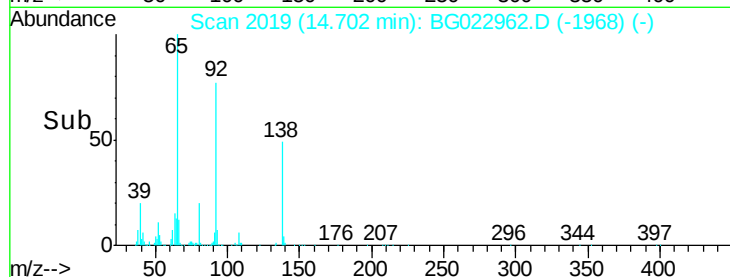
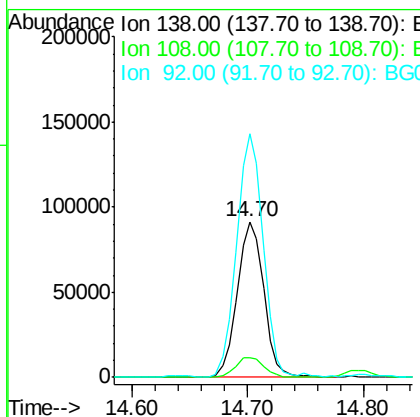
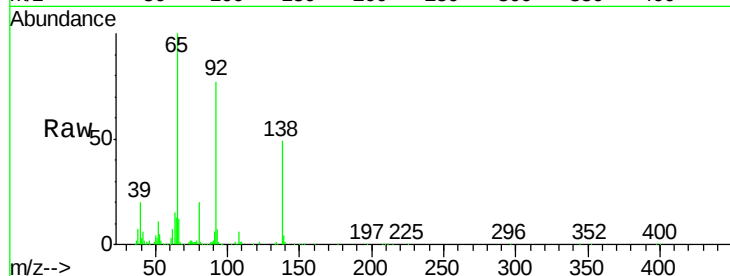




#52
3-Nitroaniline
Concen: 27.21 ng
RT: 14.70 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

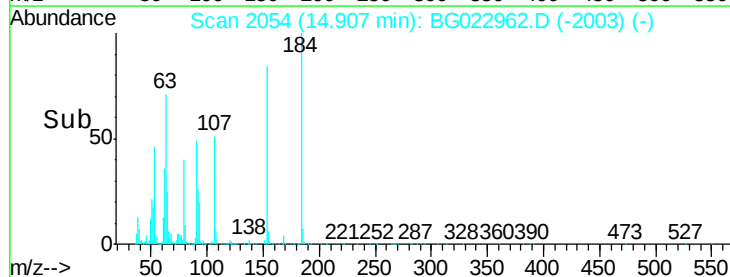
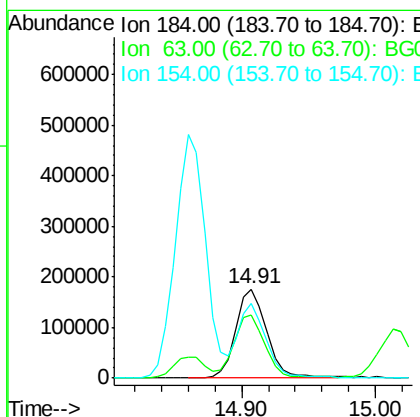
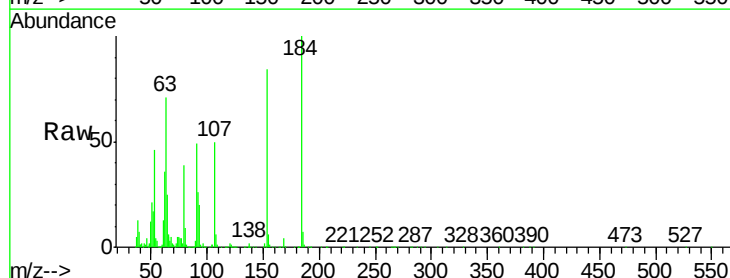
Instrument :
BNA_G
ClientSampleId :
PB91974BS

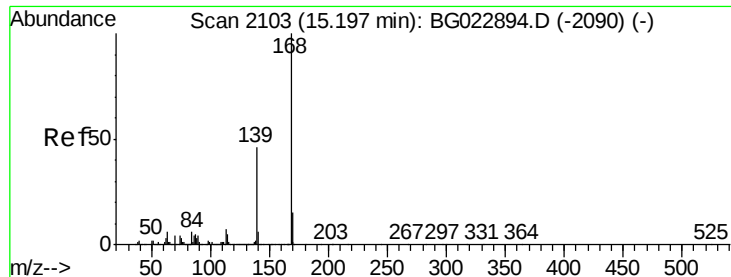
Tot Ion:138 Resp: 145553
Ion Ratio Lower Upper
138 100
108 13.0 11.7 17.5
92 156.5 129.7 194.5



#53
2,4-Dinitrophenol
Concen: 77.17 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:184 Resp: 284109
Ion Ratio Lower Upper
184 100
63 71.1 59.6 89.4
154 84.3 67.4 101.0

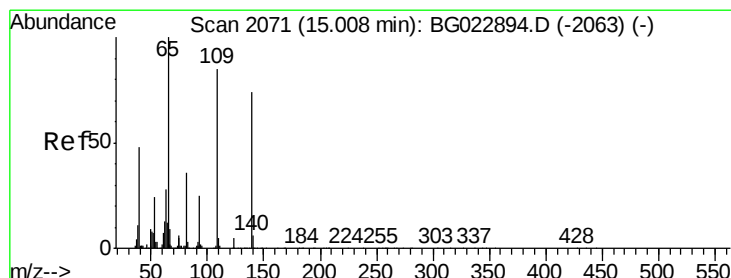
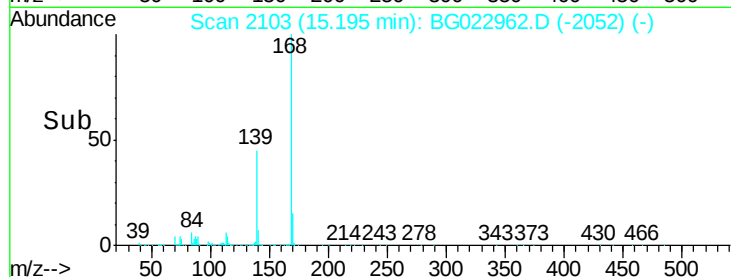
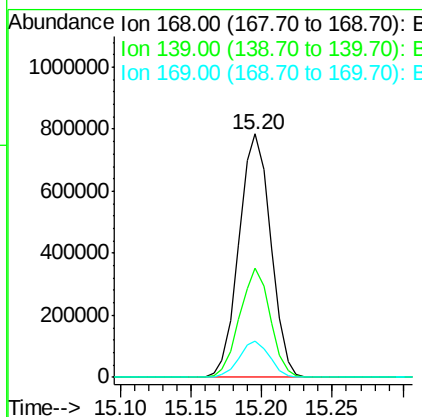
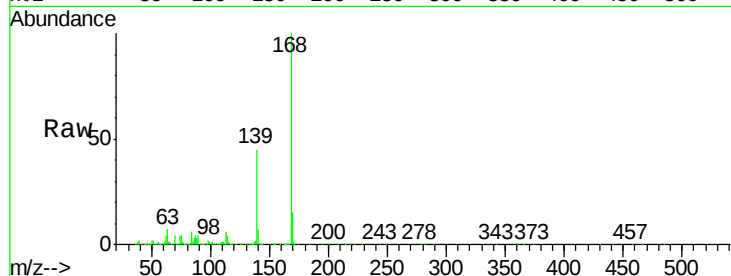




#54
Dibenzenofuran
Concen: 47.39 ng
RT: 15.20 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

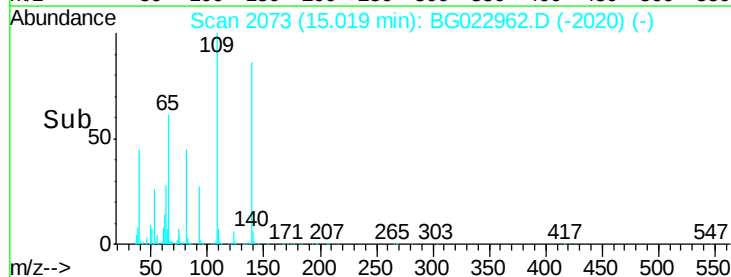
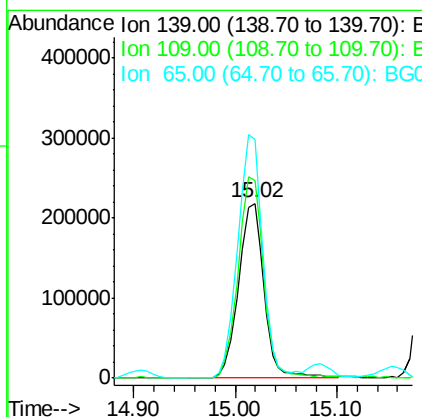
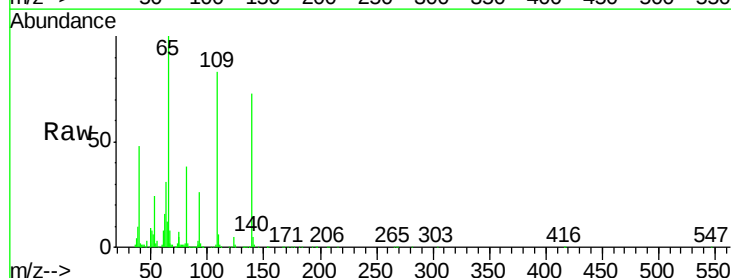
Instrument :
BNA_G
ClientSampleId :
PB91974BS

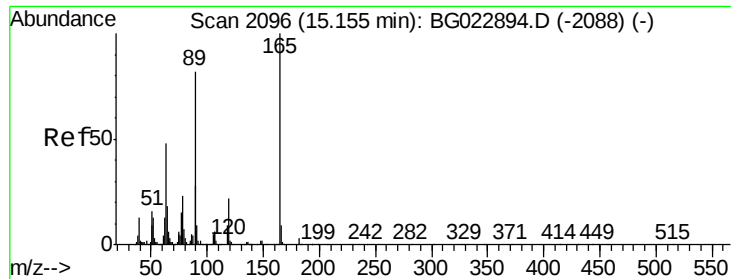
Tot Ion:168 Resp: 1236778
Ion Ratio Lower Upper
168 100
139 44.9 36.4 54.6
169 14.9 11.9 17.9



#55
4-Nitrophenol
Concen: 85.44 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:139 Resp: 383172
Ion Ratio Lower Upper
139 100
109 112.5 103.0 143.0
65 136.1 112.7 152.7

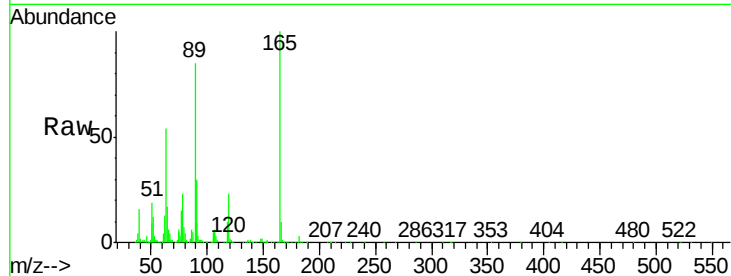




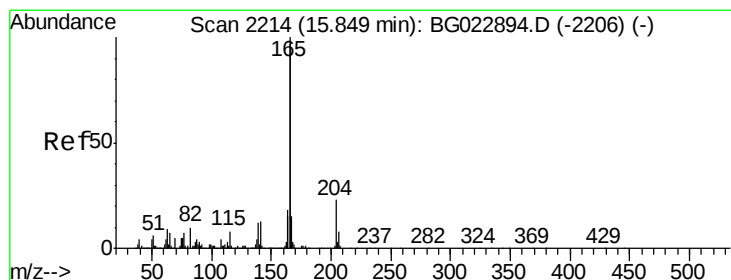
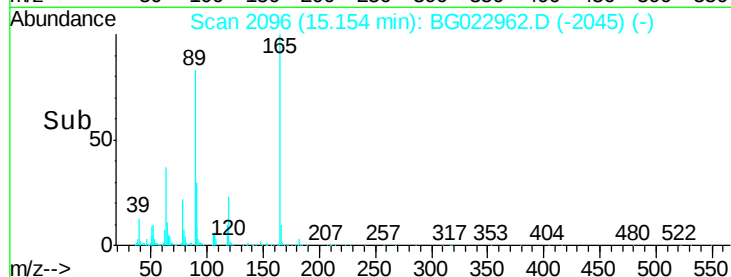
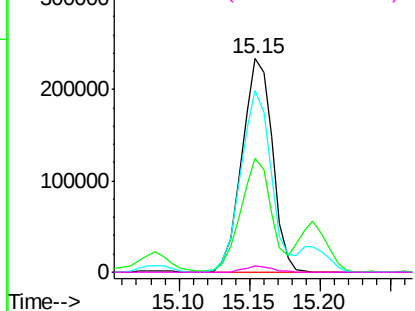
#56
2,4-Dinitrotoluene
Concen: 44.92 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :
PB91974BS

Tot Ion:165 Resp: 351376
Ion Ratio Lower Upper
165 100
63 53.6 45.8 68.6
89 85.2 68.6 102.8
182 2.9 2.0 3.0

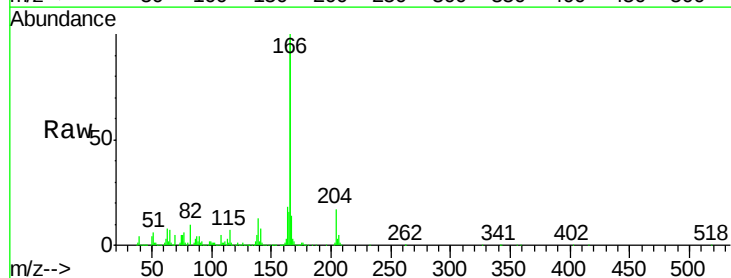


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

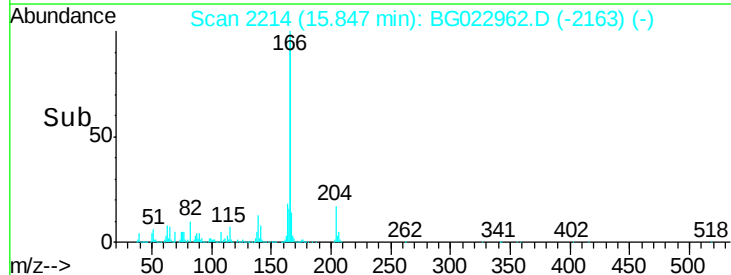
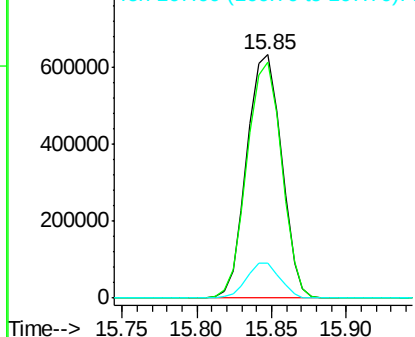


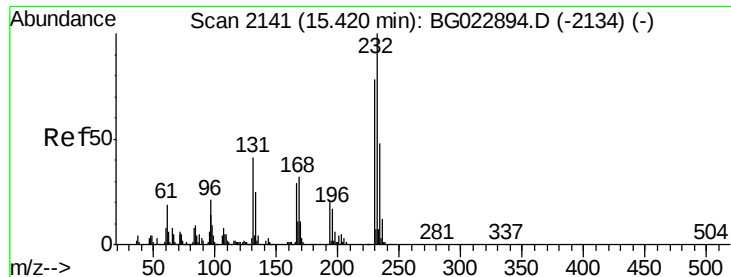
#57
Fluorene
Concen: 45.42 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:166 Resp: 1020453
Ion Ratio Lower Upper
166 100
165 96.9 81.0 121.6
167 14.1 12.0 18.0



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

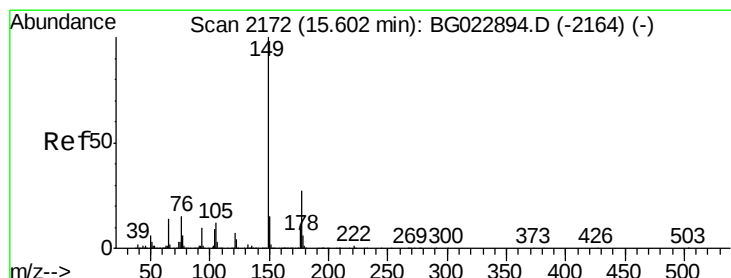
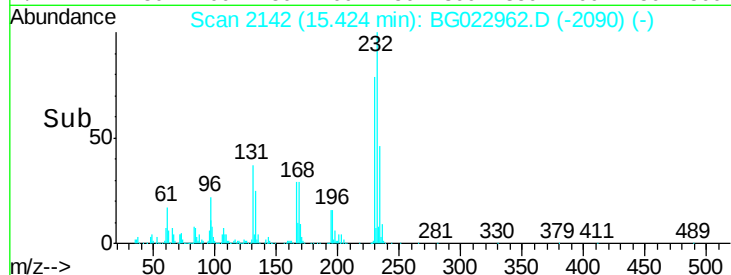
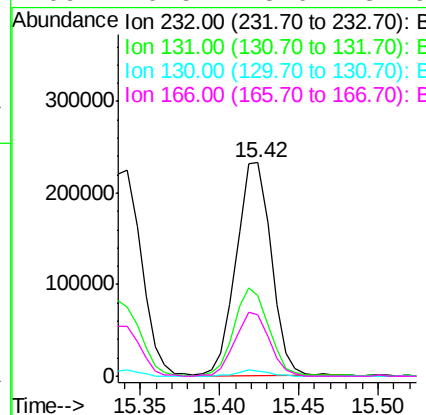
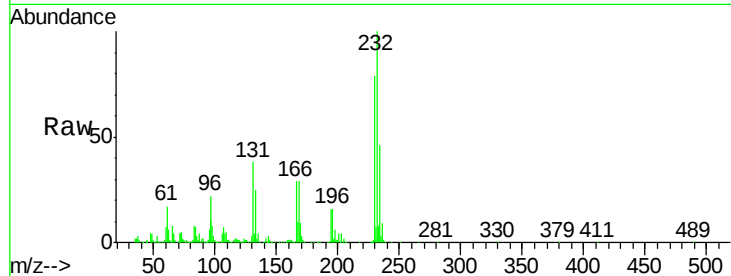




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.14 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

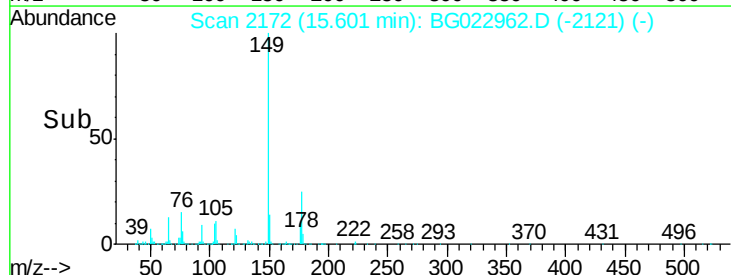
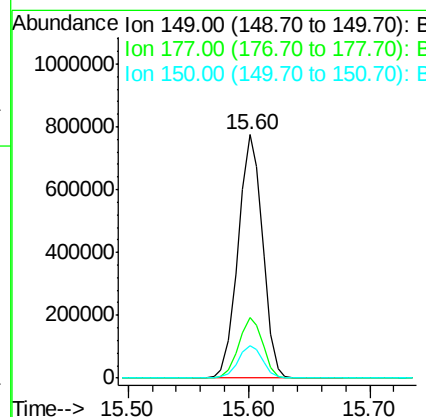
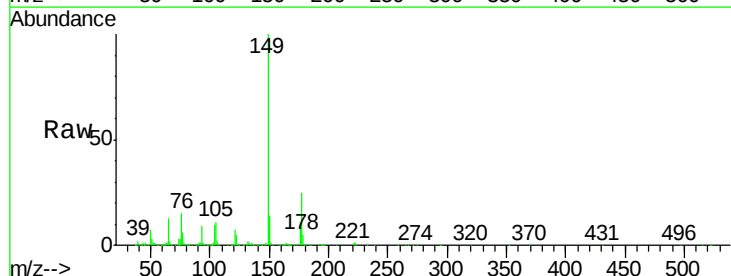
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

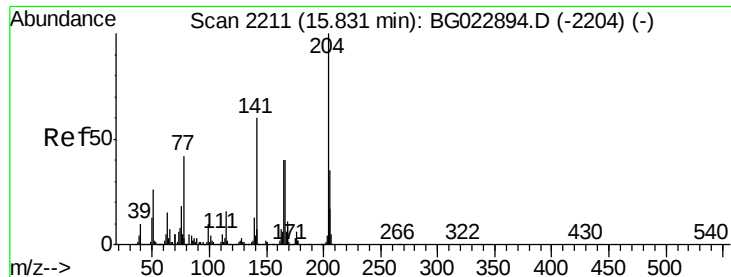
Tot Ion:232	Resp:	358035
Ion Ratio	Lower	Upper
232	100	
131	40.3	32.7 49.1
130	2.7	2.6 3.8
166	29.5	23.0 34.6



#59
 Diethylphthalate
 Concen: 45.03 ng
 RT: 15.60 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion:149	Resp:	1093907
Ion Ratio	Lower	Upper
149	100	
177	24.8	19.2 28.8
150	13.5	10.6 16.0

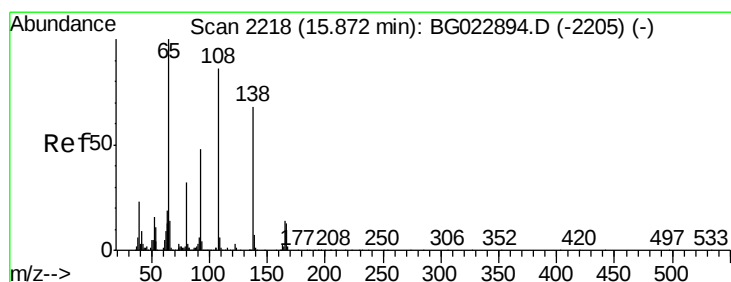
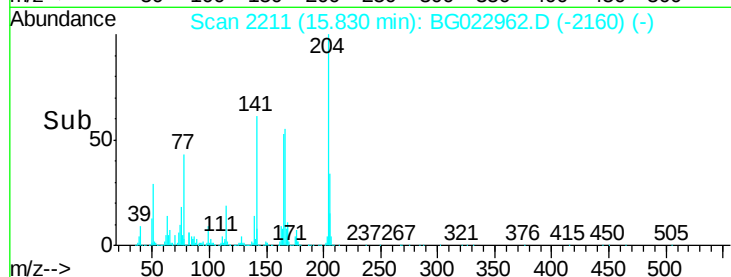
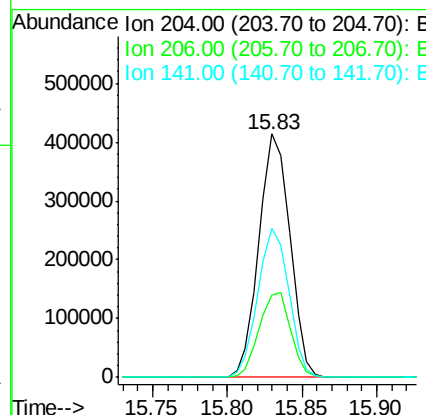
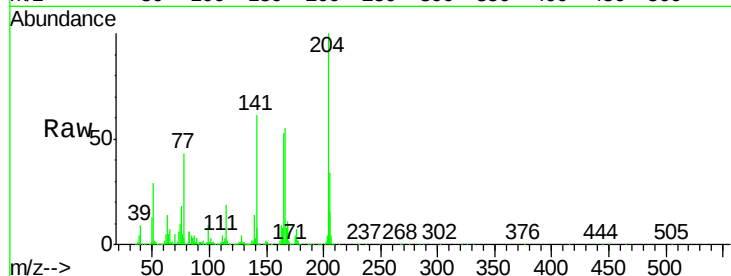




#60
4-Chlorophenyl-phenylether
Concen: 43.51 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

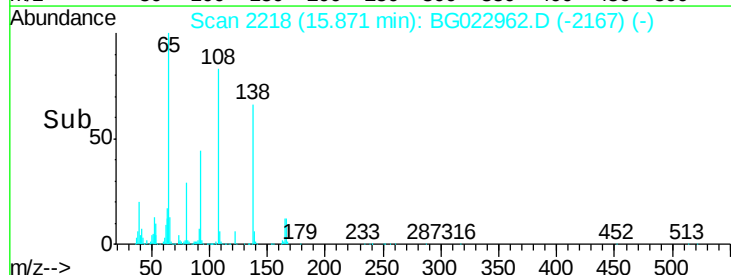
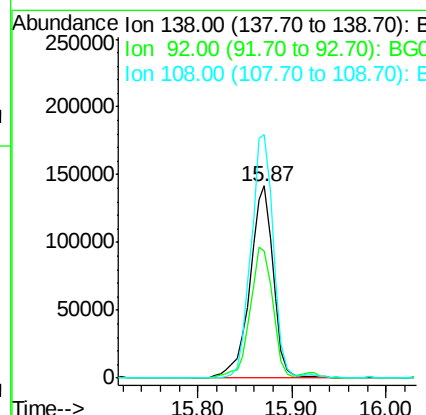
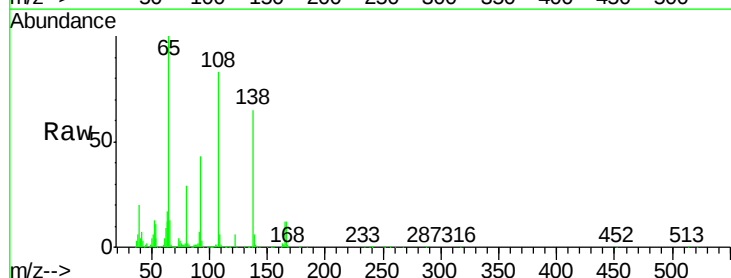
Instrument :
BNA_G
ClientSampleId :
PB91974BS

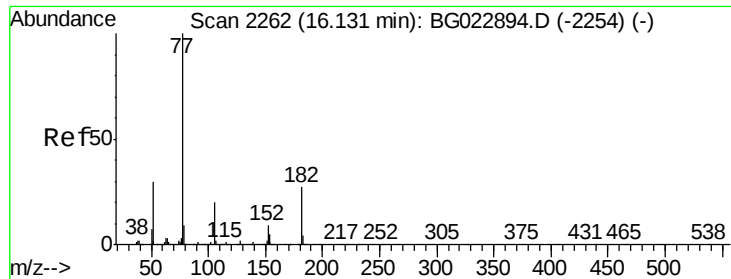
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.5	42.7
141	61.3	51.4	77.0



#61
4-Nitroaniline
Concen: 42.09 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.2	54.1	94.1
108	126.9	133.9	173.9





#62

Azobenzene

Concen: 51.25 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

Tot Ion: 77 Resp: 1190685

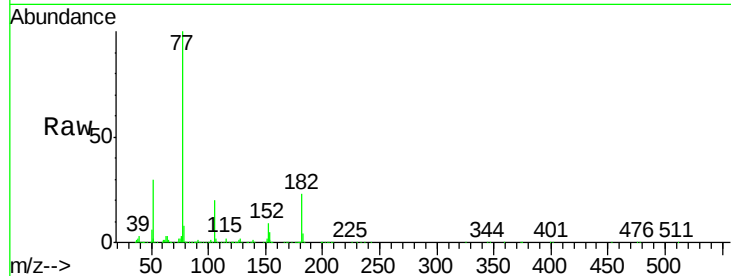
Ion Ratio Lower Upper

77 100

182 23.1 3.5 43.5

105 19.9 0.0 38.5

51 30.2 17.1 57.1

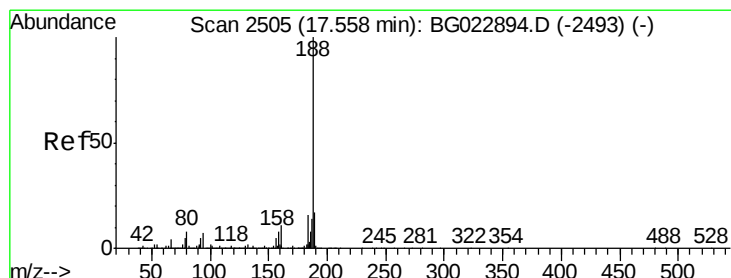
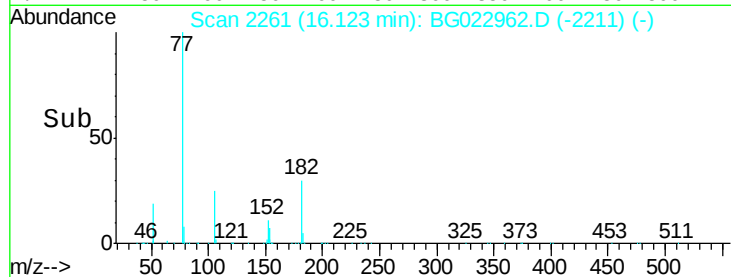
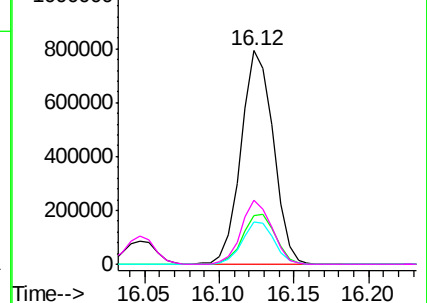


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

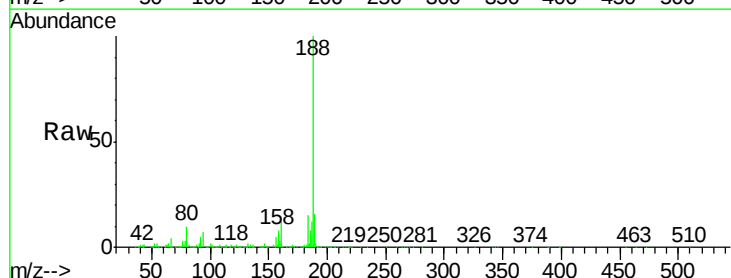
Tgt Ion: 188 Resp: 776208

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

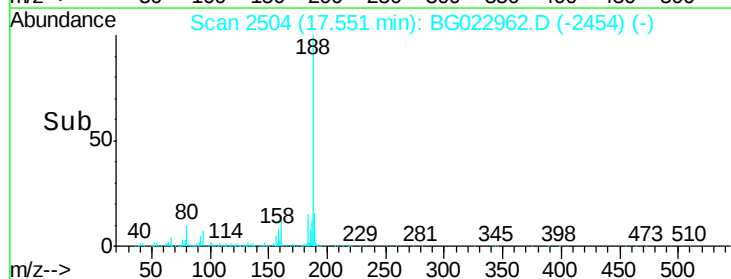
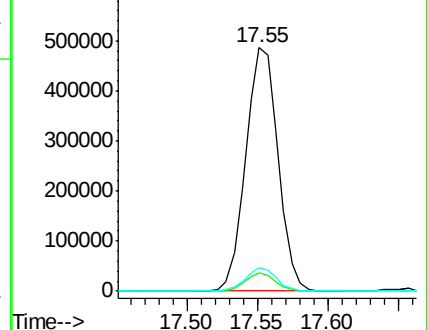
80 9.8 7.2 10.8

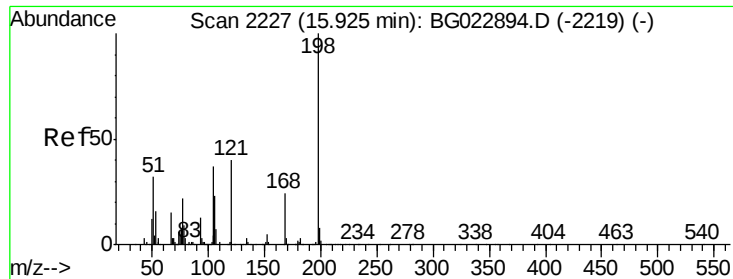


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.04 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

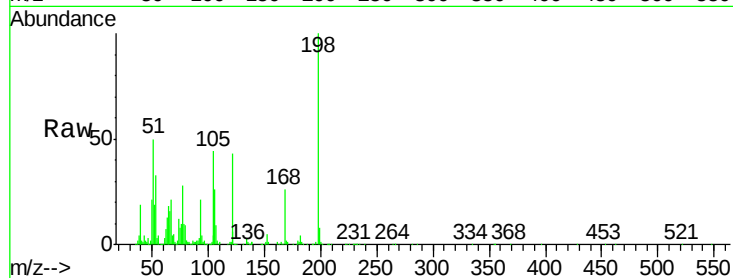
Tot Ion:198 Resp: 225246

Ion Ratio Lower Upper

198 100

51 49.8 26.0 66.0

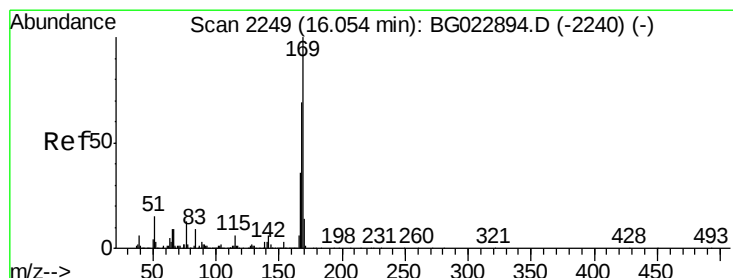
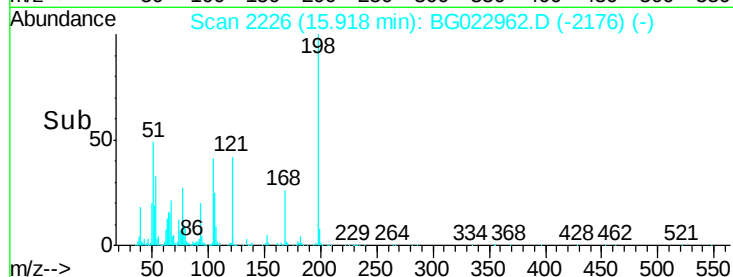
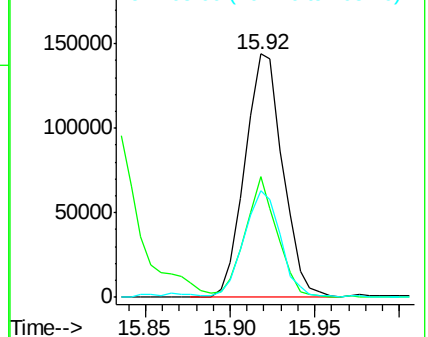
105 43.6 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.47 ng

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

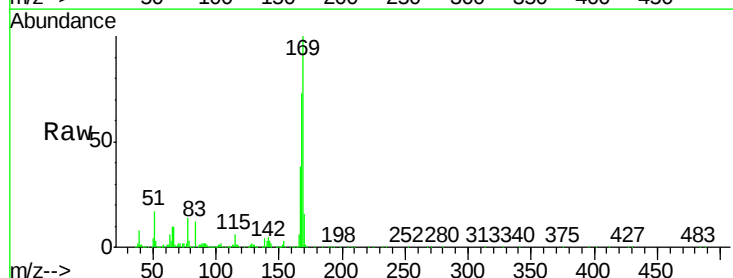
Tgt Ion:169 Resp: 949741

Ion Ratio Lower Upper

169 100

168 73.0 55.0 82.4

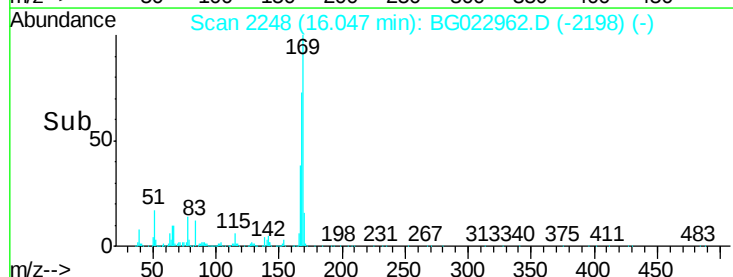
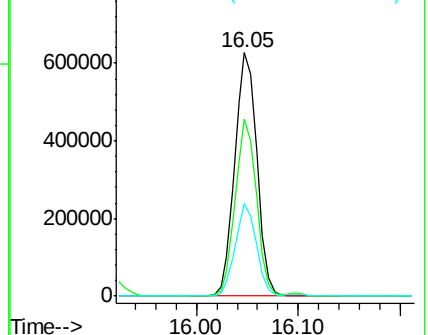
167 37.9 27.4 41.0

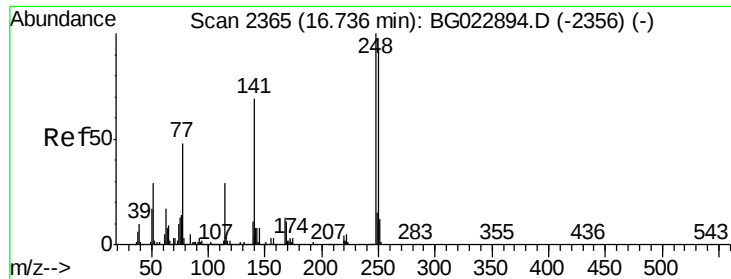


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

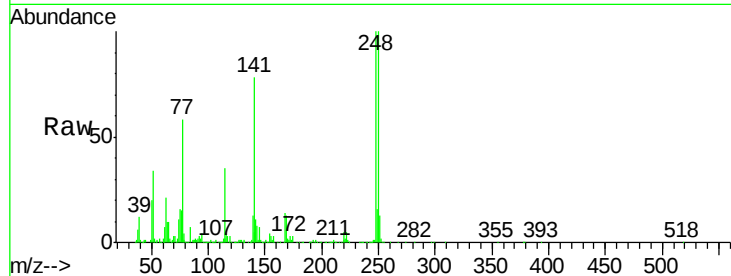




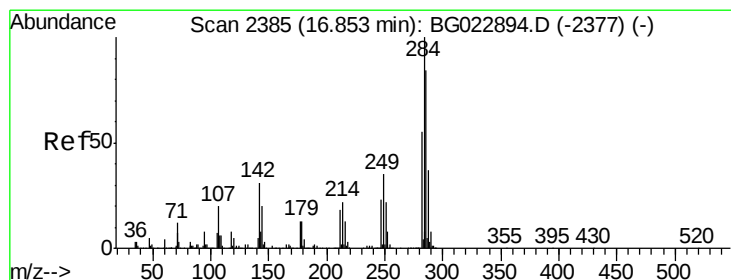
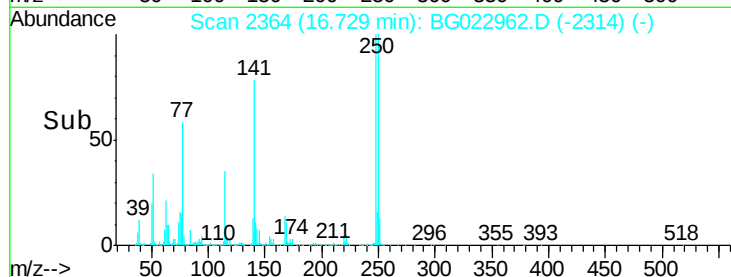
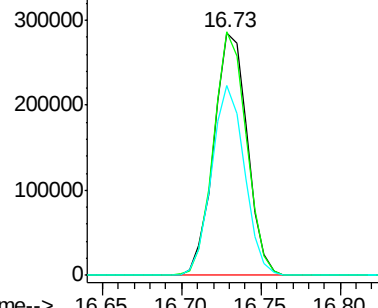
#66
4-Bromophenyl-phenylether
Concen: 41.35 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :
PB91974BS

Tot Ion:248 Resp: 417557
Ion Ratio Lower Upper
248 100
250 100.3 77.8 116.8
141 78.1 65.7 98.5

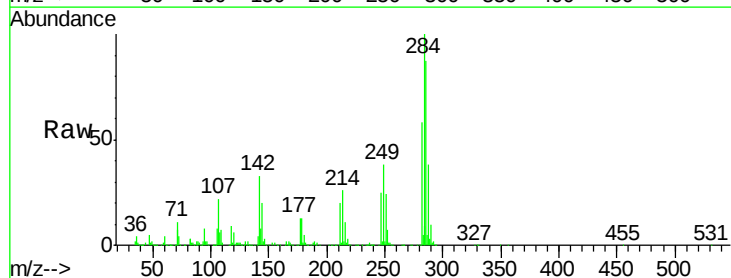


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

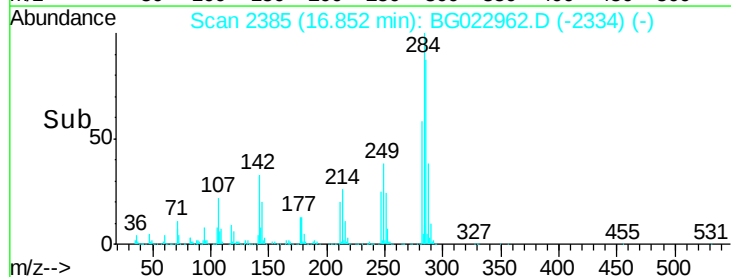
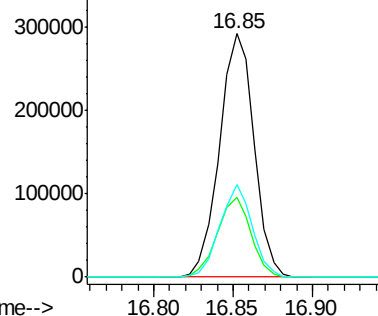


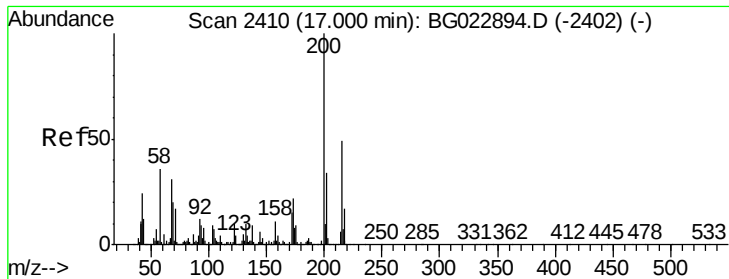
#67
Hexachlorobenzene
Concen: 40.14 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:284 Resp: 440740
Ion Ratio Lower Upper
284 100
142 32.7 26.8 40.2
249 38.2 28.9 43.3



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: 40.90 ng

RT: 16.99 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

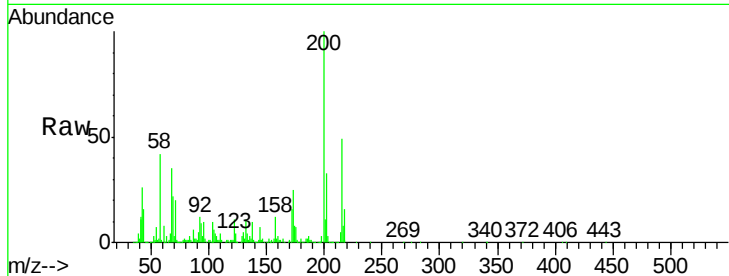
BNA_G

ClientSampleId :

PB91974BS

Tot Ion:200 Resp: 405702

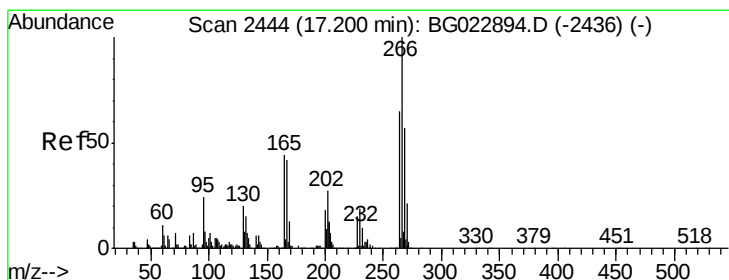
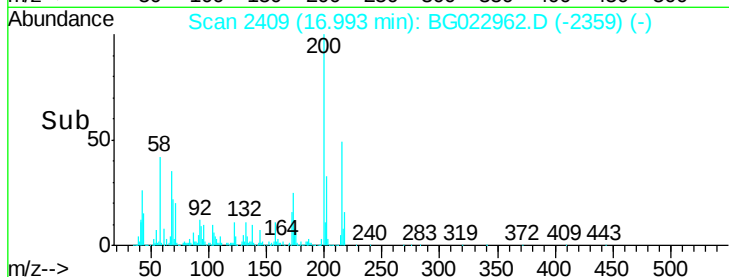
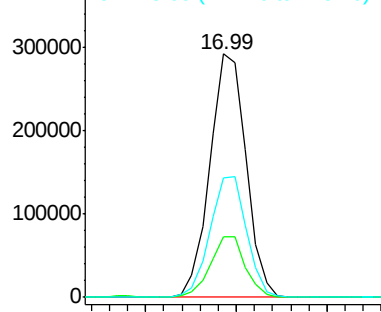
Ion	Ratio	Lower	Upper
200	100		
173	25.1	1.6	41.6
215	48.9	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E

400000 Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 79.35 ng

RT: 17.20 min Scan# 2444

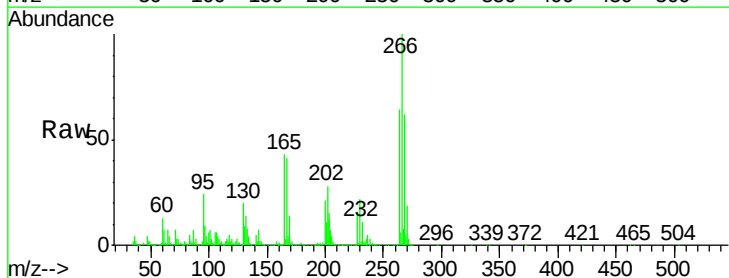
Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion:266 Resp: 564217

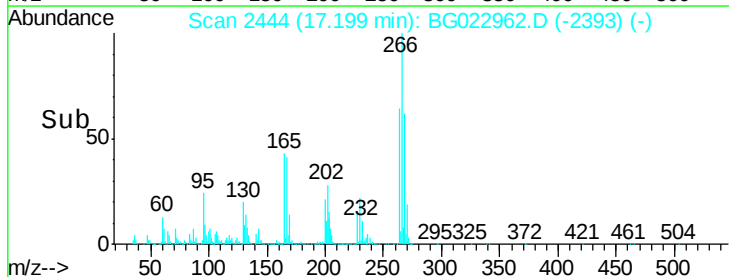
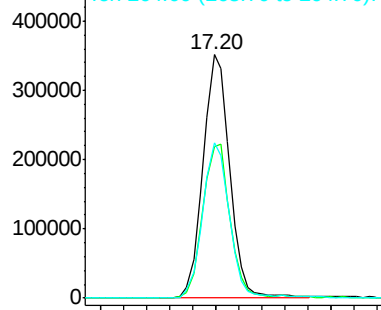
Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.9	77.9
264	63.7	50.6	75.8

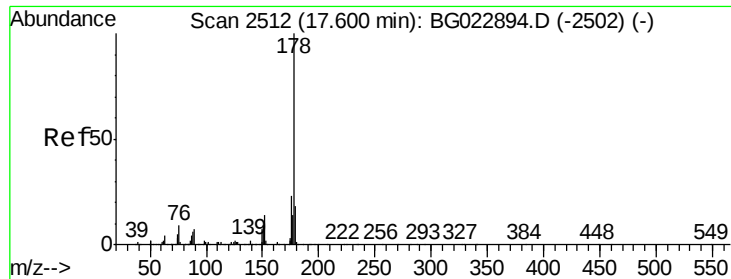


Abundance Ion 265.70 (265.40 to 266.40): E

400000 Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 44.84 ng

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

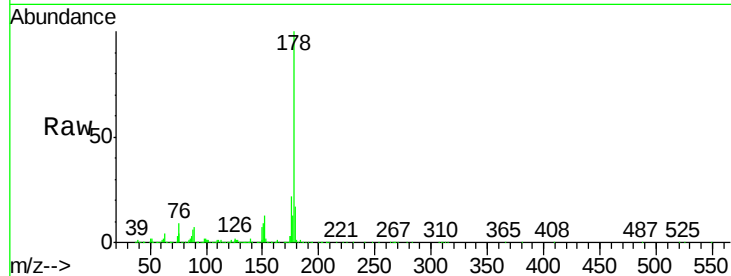
Tot Ion:178 Resp: 1705532

Ion Ratio Lower Upper

178 100

176 21.8 16.8 25.2

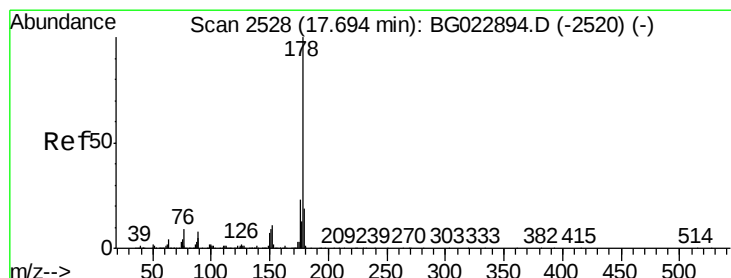
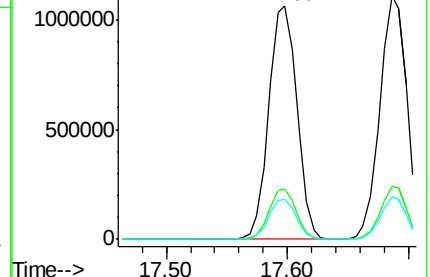
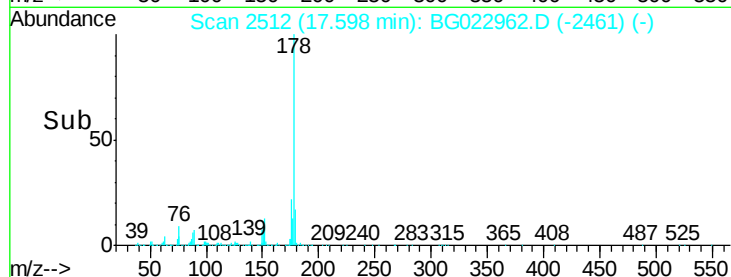
179 17.0 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 44.96 ng

RT: 17.69 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

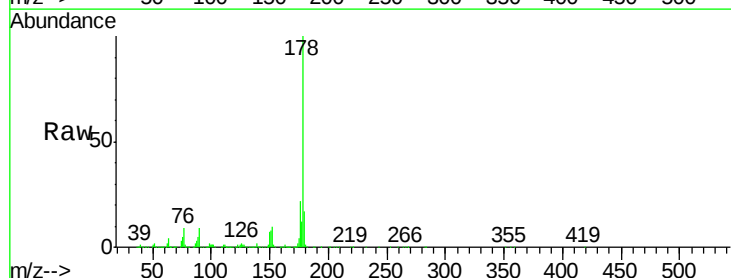
Tgt Ion:178 Resp: 1731709

Ion Ratio Lower Upper

178 100

176 21.8 17.3 25.9

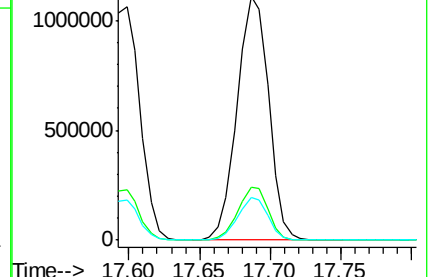
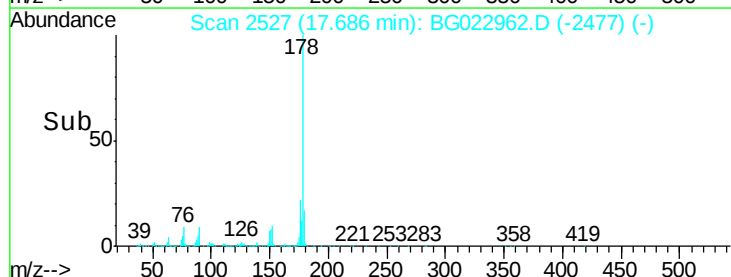
179 17.3 14.0 21.0

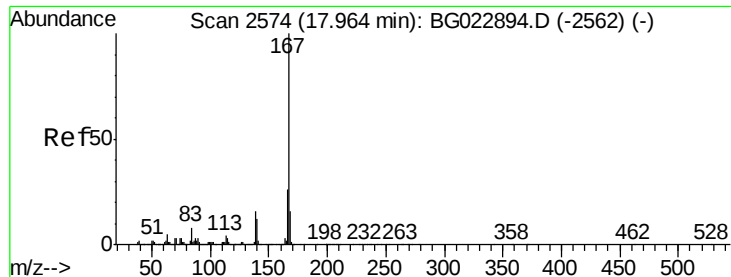


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 45.41 ng

RT: 17.96 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

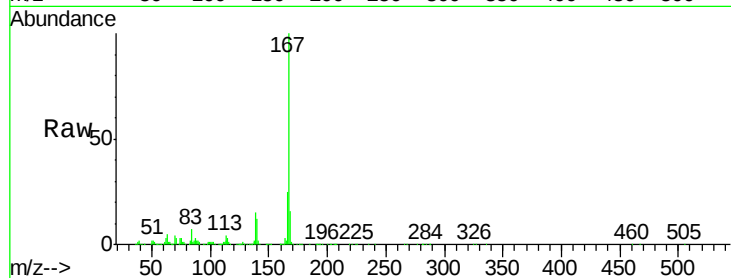
Tot Ion:167 Resp: 1511435

Ion Ratio Lower Upper

167 100

166 24.6 20.7 31.1

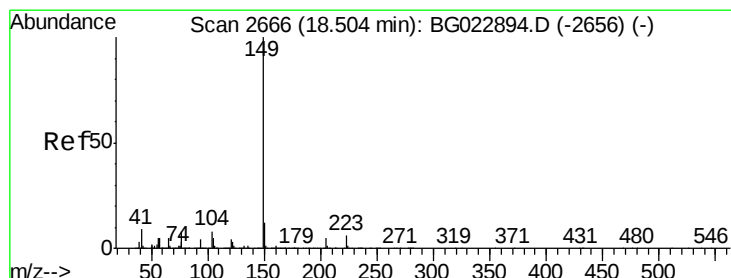
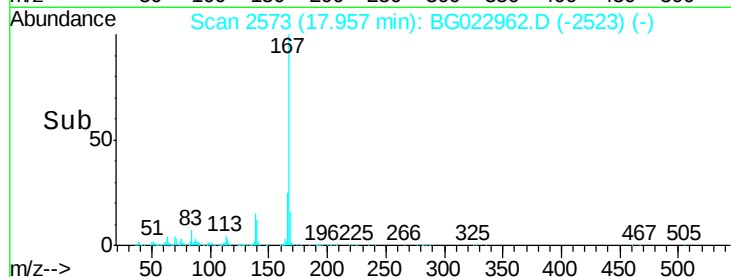
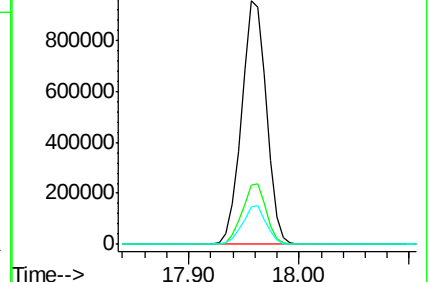
139 15.2 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.12 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

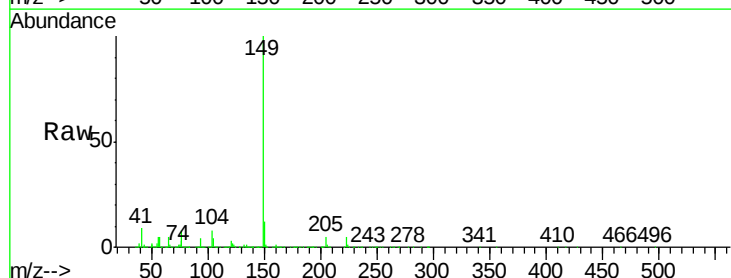
Tgt Ion:149 Resp: 1818242

Ion Ratio Lower Upper

149 100

150 11.6 9.1 13.7

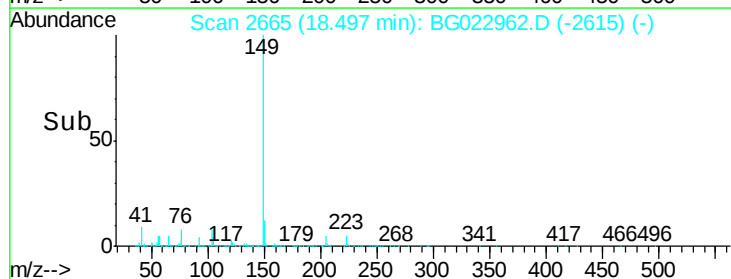
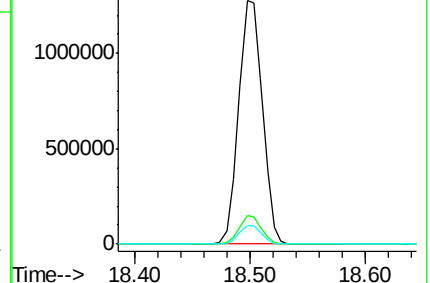
104 7.8 6.9 10.3

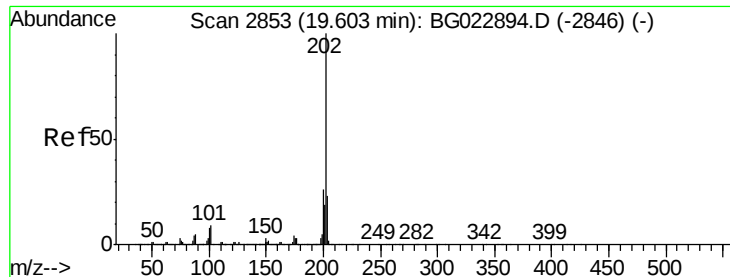


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.71 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

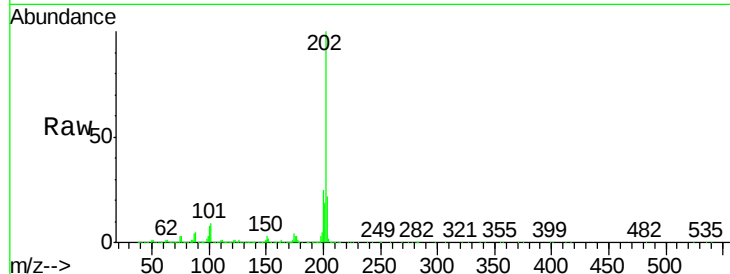
Tot Ion:202 Resp: 2040668

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.4

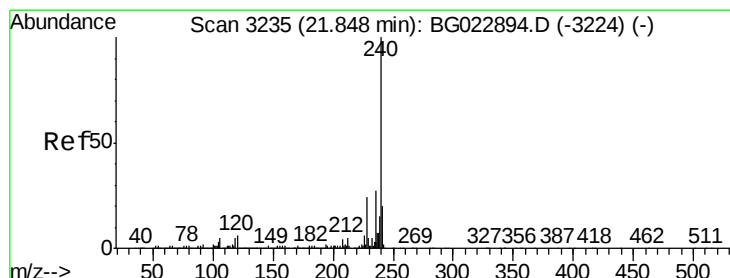
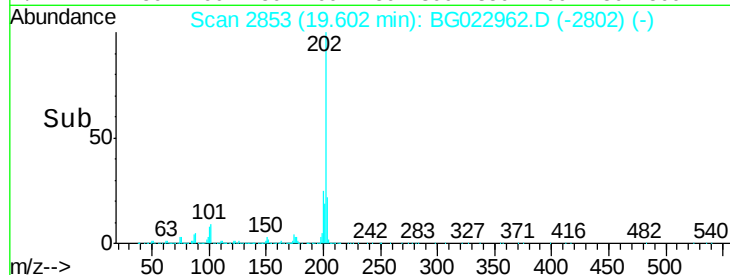
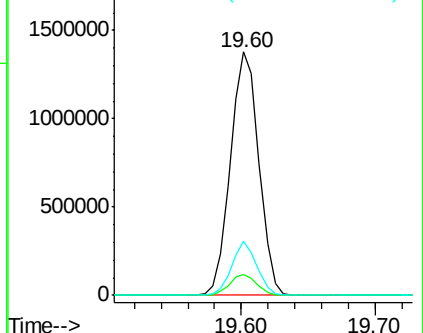
203 22.1 1.7 41.7



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: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

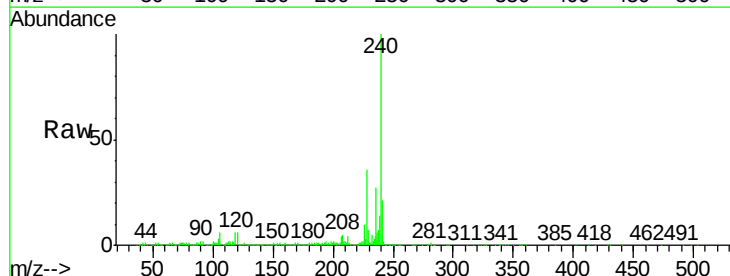
Tgt Ion:240 Resp: 867545

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

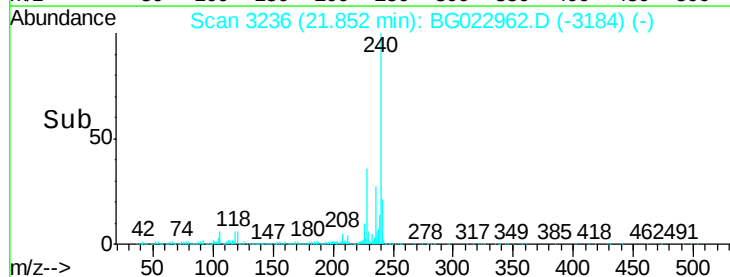
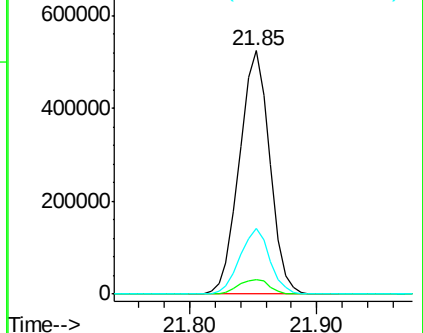
236 27.0 21.1 31.7

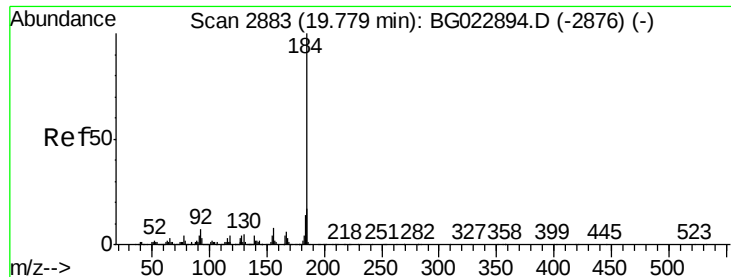


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 39.25 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

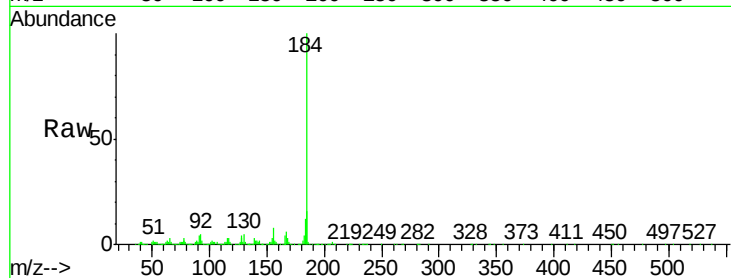
Tot Ion:184 Resp: 976177

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

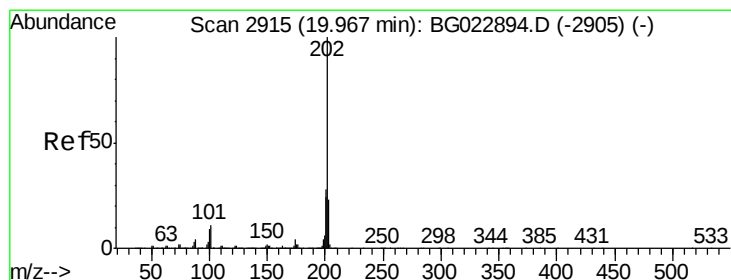
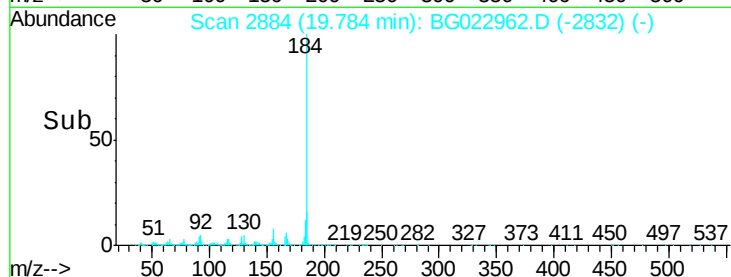
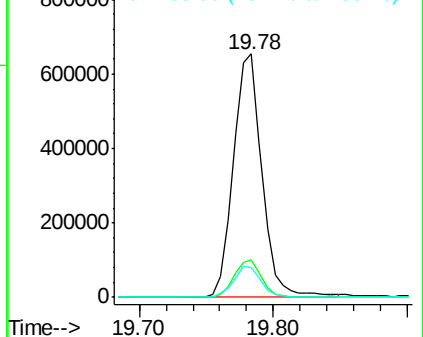
183 12.2 10.7 16.1



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: 42.18 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

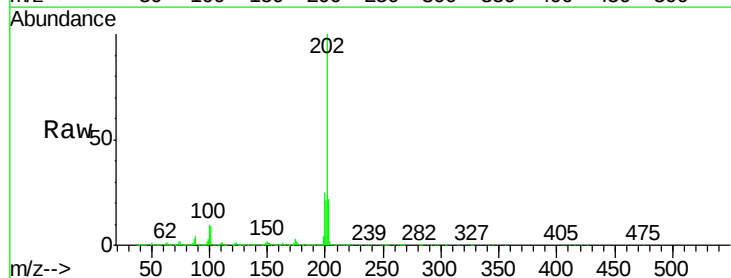
Tgt Ion:202 Resp: 2056369

Ion Ratio Lower Upper

202 100

200 25.3 21.2 31.8

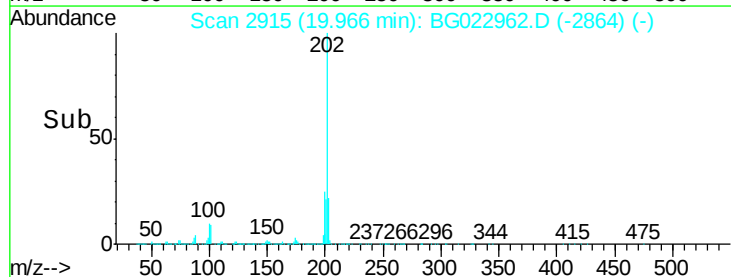
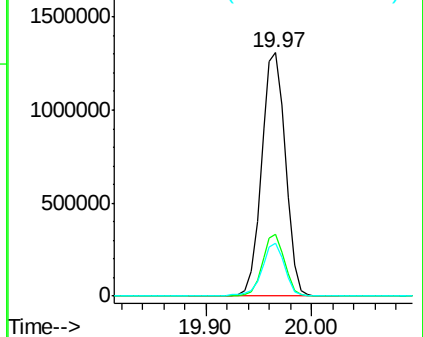
203 21.7 16.8 25.2

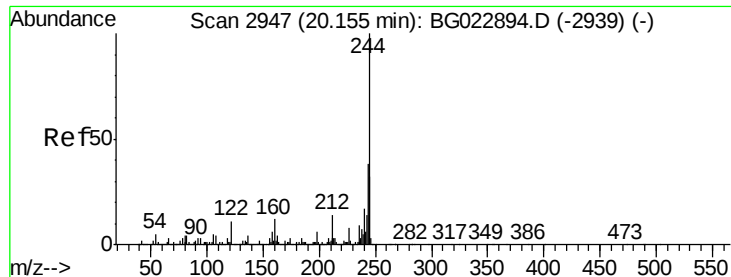


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 103.37 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

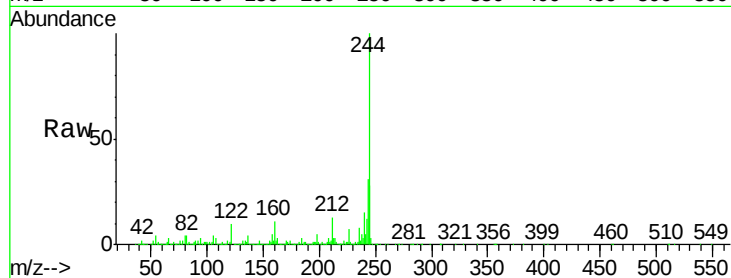
BNA_G

ClientSampleId :

PB91974BS

Tot Ion:244 Resp: 2604096

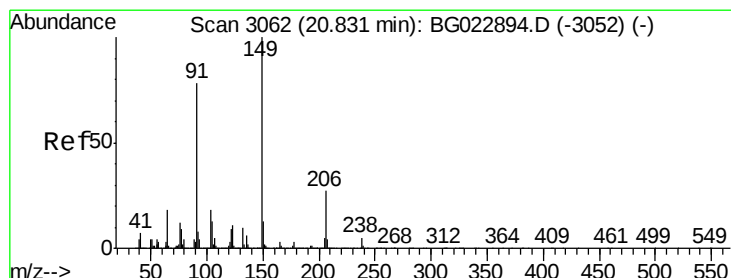
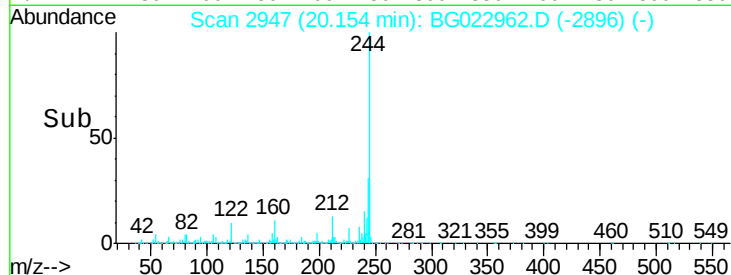
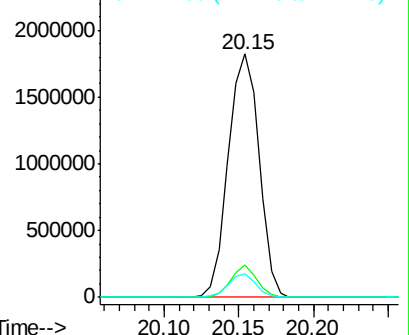
Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.8	16.2
122	9.7	8.0	12.0



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: 45.93 ng

RT: 20.84 min Scan# 3063

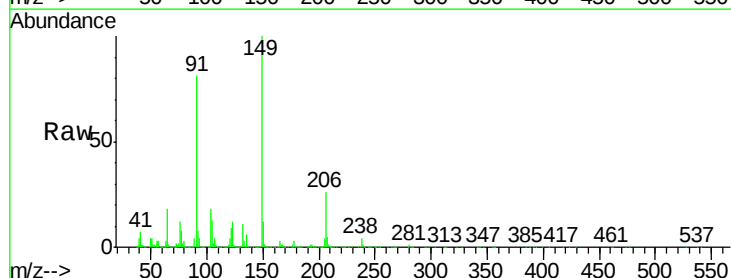
Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion:149 Resp: 886889

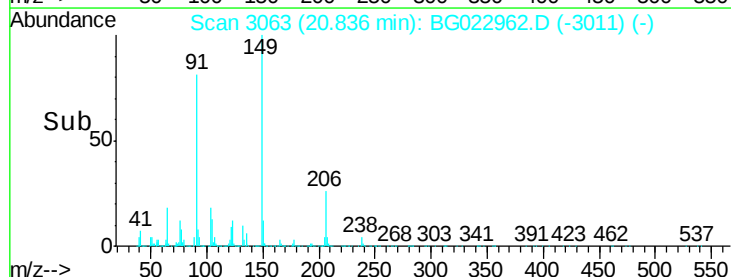
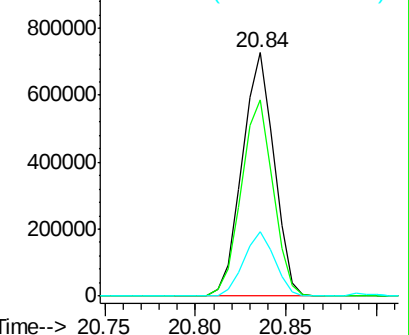
Ion	Ratio	Lower	Upper
149	100		
91	80.7	68.1	102.1
206	26.3	19.8	29.6

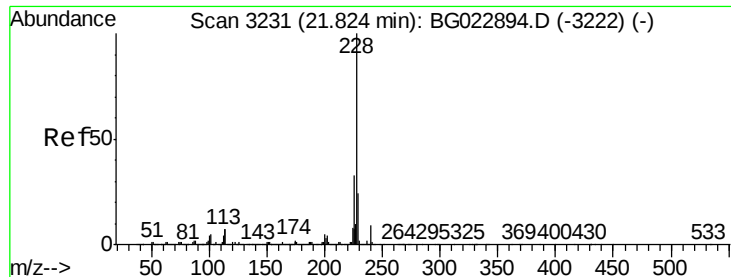


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.67 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

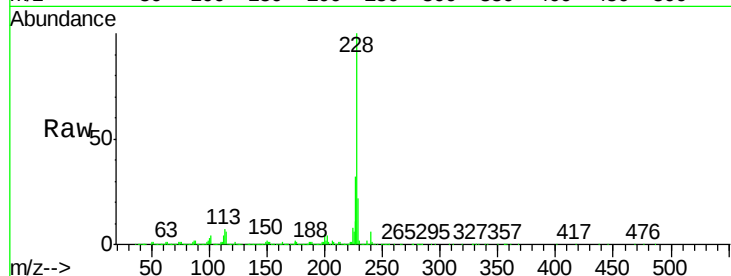
BNA_G

ClientSampleId :

PB91974BS

Tot Ion:228 Resp: 2168157

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.3	37.9
229	22.5	19.9	29.9

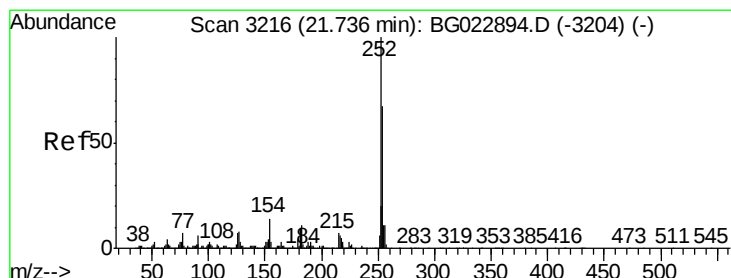
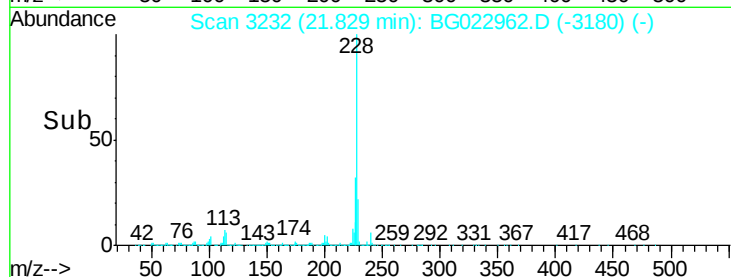
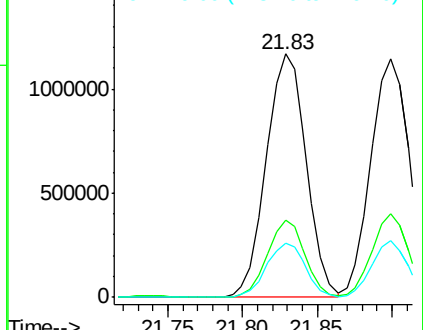


Abundance

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



#81

3,3'-Dichlorobenzidine

Concen: 25.98 ng

RT: 21.74 min Scan# 3217

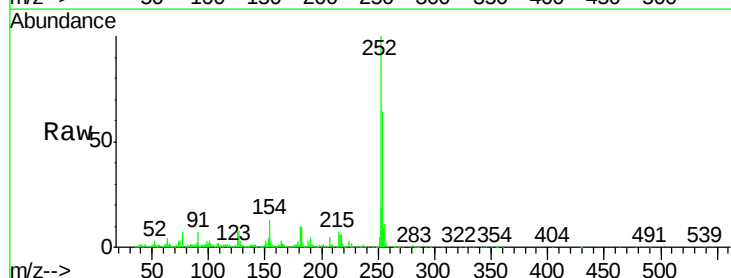
Delta R.T. 0.00 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion:252 Resp: 553521

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.2	76.8
126	6.7	5.3	7.9

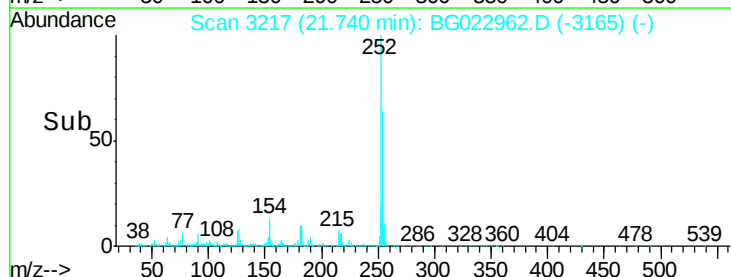
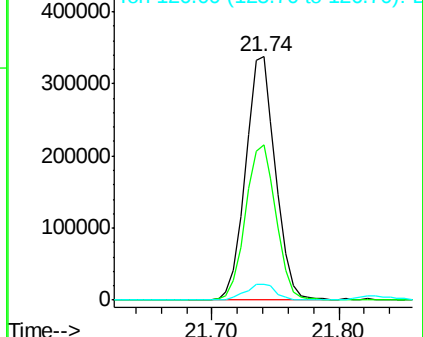


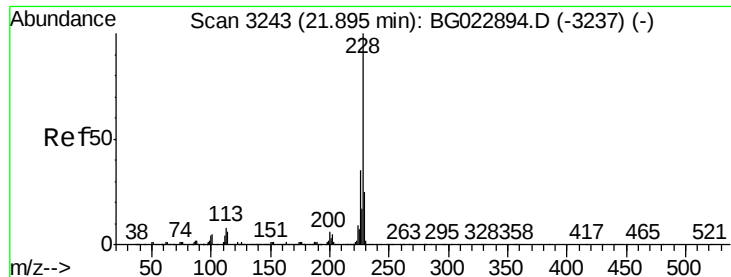
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

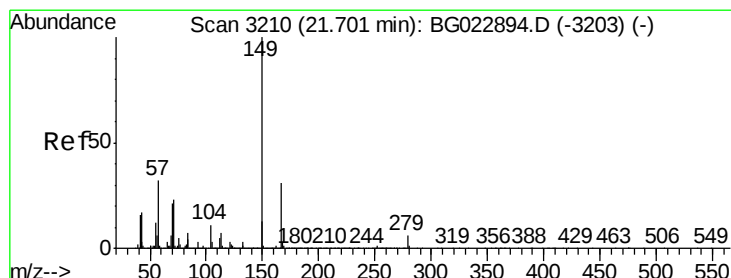
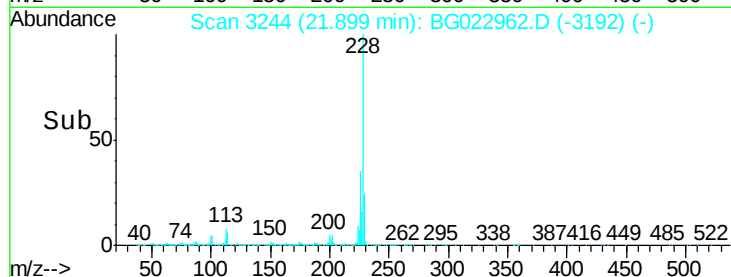
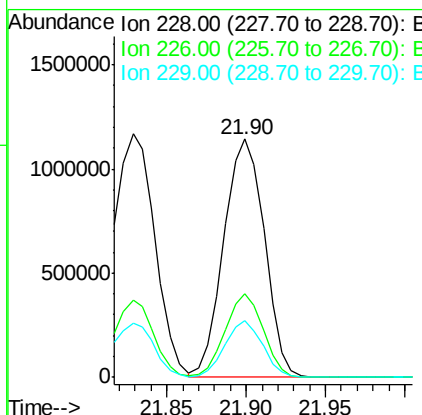
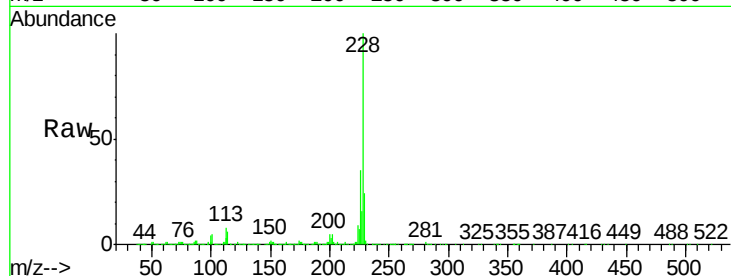




#82
 Chrysene
 Concen: 44.57 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

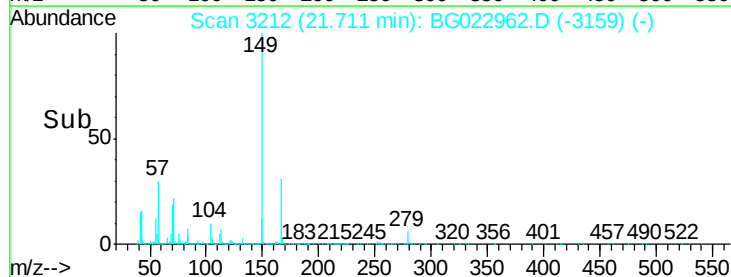
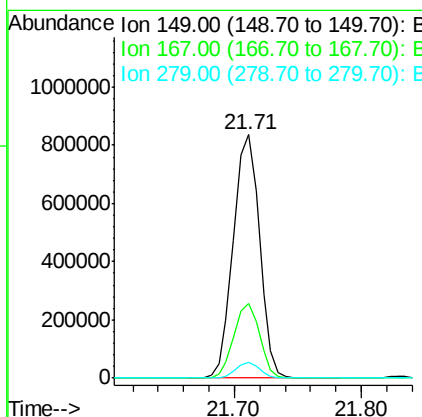
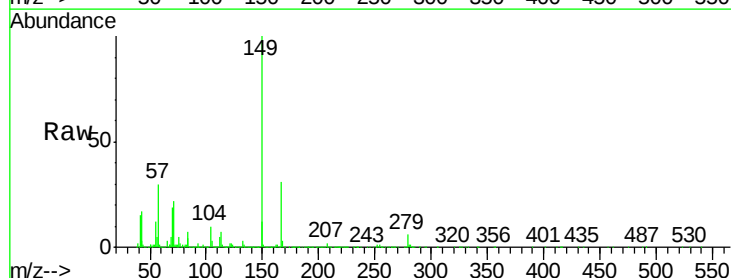
Instrument :
 BNA_G
 ClientSampleId :
 PB91974BS

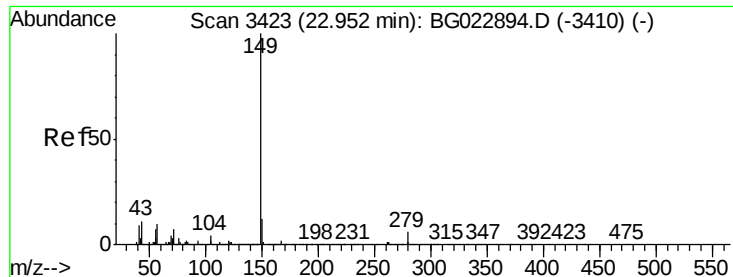
Tot Ion:228 Resp: 2029291
 Ion Ratio Lower Upper
 228 100
 226 35.2 26.7 40.1
 229 23.8 17.4 26.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.57 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. 0.01 min
 Lab File: BG022962.D
 Acq: 9 Jul 2016 12:45

Tgt Ion:149 Resp: 1195193
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.0 36.0
 279 6.4 4.8 7.2





#84

Di-n-octyl phthalate

Concen: 44.88 ng

RT: 22.96 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

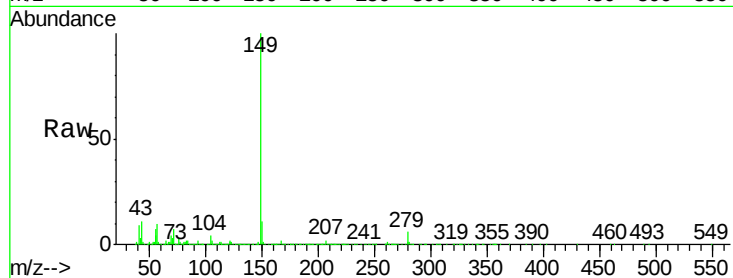
BNA_G

ClientSampled :

PB91974BS

Tot Ion:149 Resp: 2006697

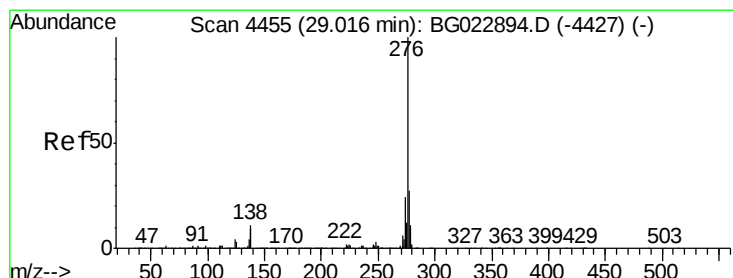
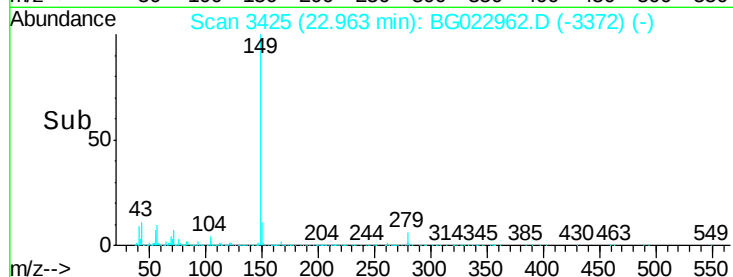
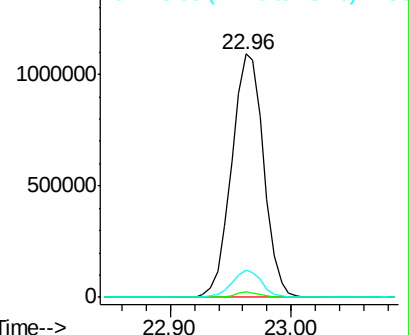
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.2	8.8	13.2



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: 44.50 ng

RT: 29.06 min Scan# 4462

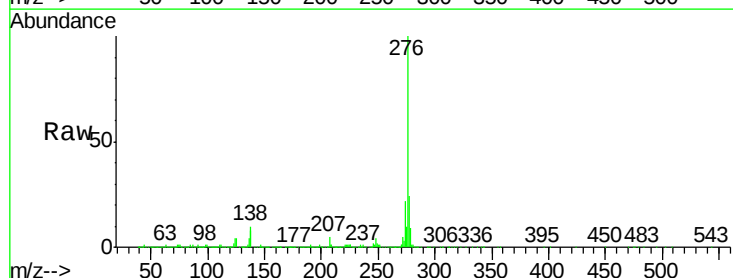
Delta R.T. 0.04 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Tgt Ion:276 Resp: 2583140

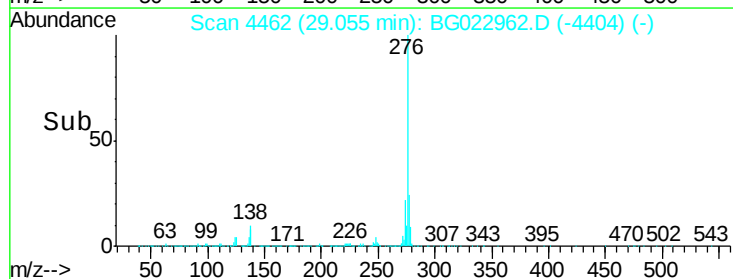
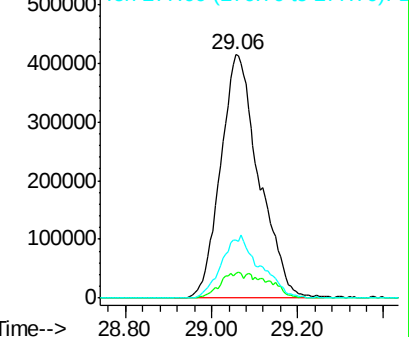
Ion	Ratio	Lower	Upper
276	100		
138	6.2	0.0	0.0#
277	25.8	0.0	0.0#

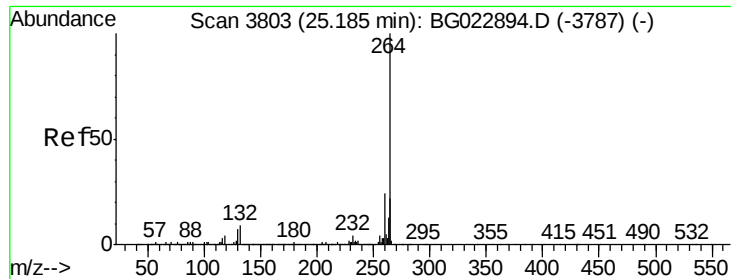


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



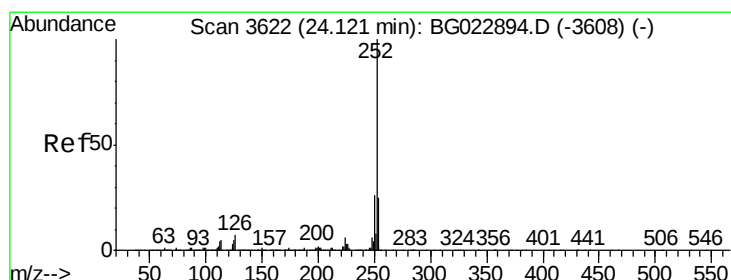
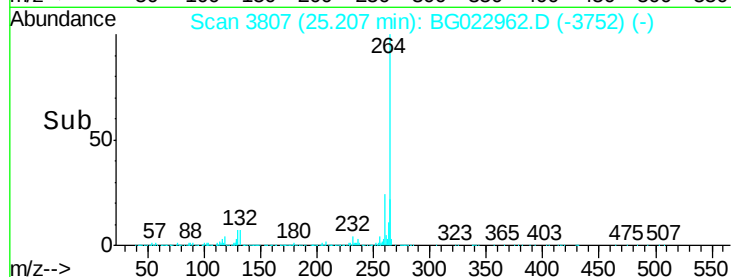
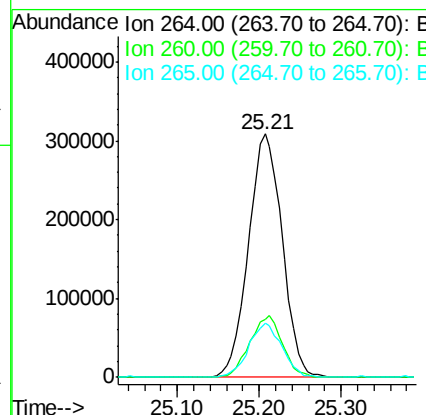
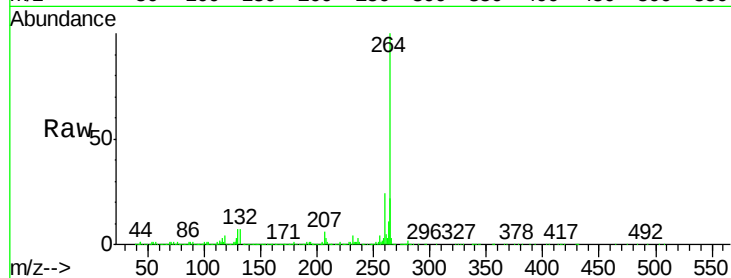


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :
PB91974BS

Tot Ion:264 Resp: 885222

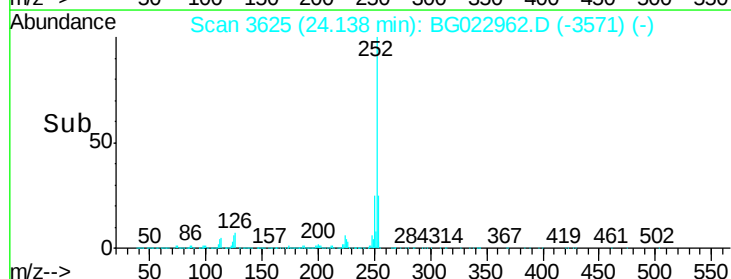
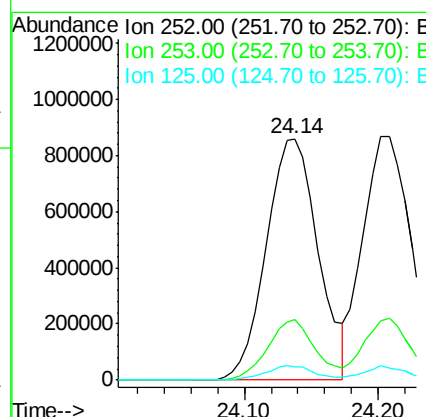
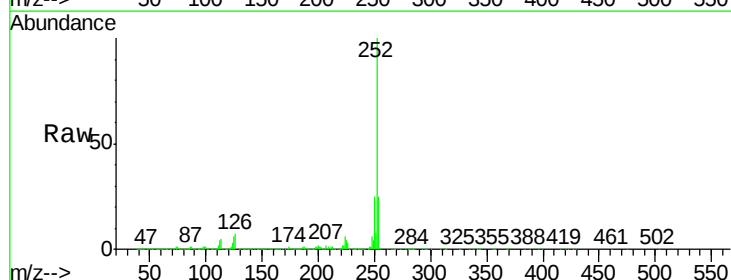
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	22.3	18.9	28.3

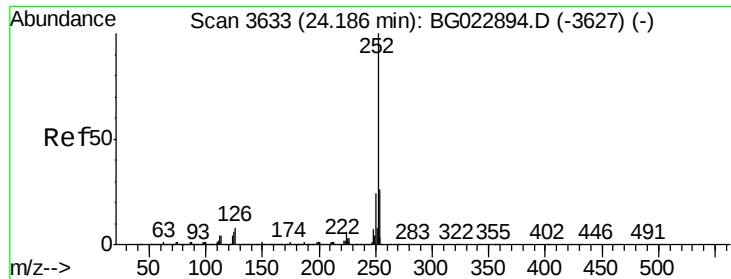


#87
Benzo(b)fluoranthene
Concen: 45.45 ng
RT: 24.14 min Scan# 3625
Delta R.T. 0.02 min
Lab File: BG022962.D
Acq: 9 Jul 2016 12:45

Tgt Ion:252 Resp: 2321109

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	5.6	3.9	5.9





#88

Benzo(k)fluoranthene

Concen: 44.31 ng

RT: 24.21 min Scan# 3637

Delta R.T. 0.02 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

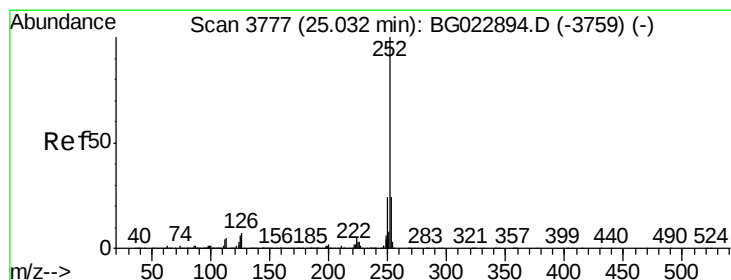
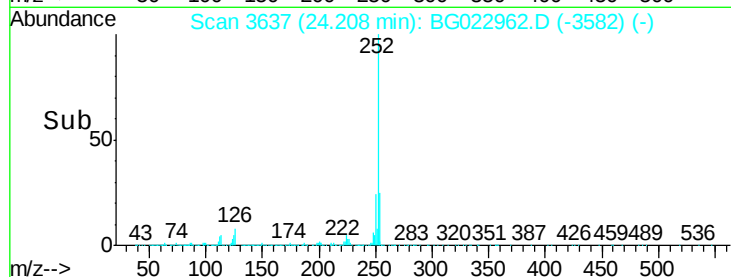
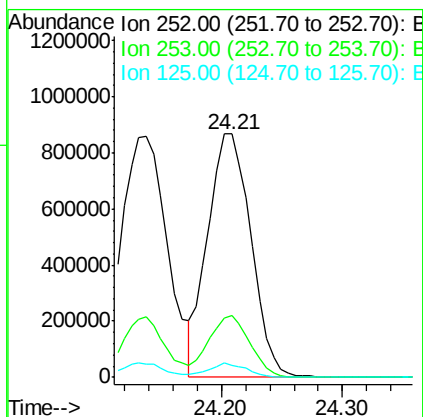
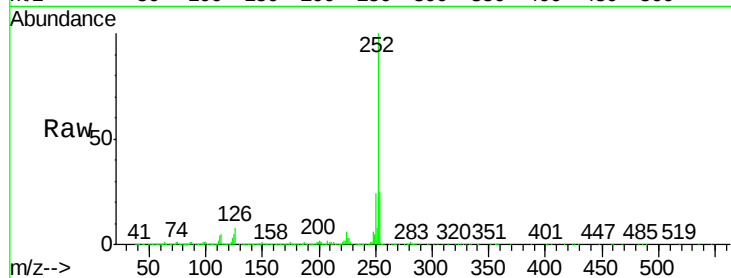
Tot Ion:252 Resp: 2147465

Ion Ratio Lower Upper

252 100

253 25.4 18.8 28.2

125 5.1 3.2 4.8#



#89

Benzo(a)pyrene

Concen: 45.28 ng

RT: 25.05 min Scan# 3780

Delta R.T. 0.02 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

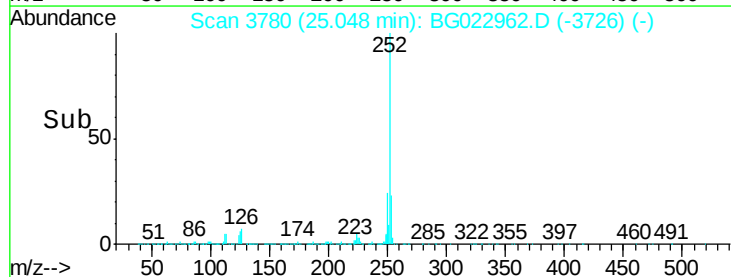
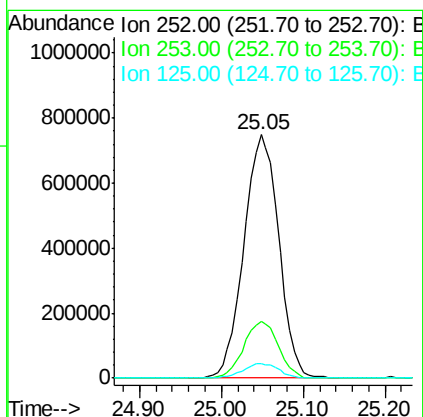
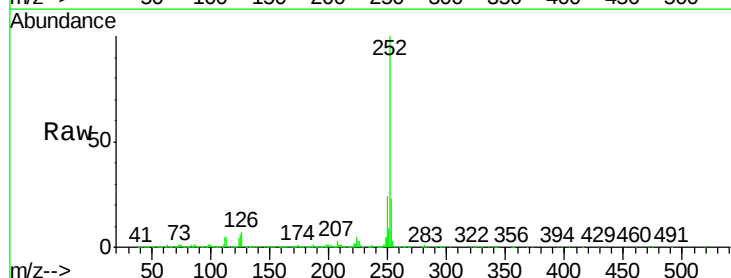
Tgt Ion:252 Resp: 2216649

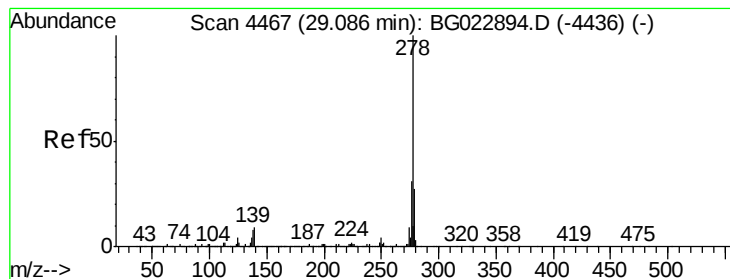
Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

125 6.0 3.9 5.9#





#90

Dibenzo(a,h)anthracene

Concen: 43.95 ng

RT: 29.13 min Scan# 4474

Delta R.T. 0.04 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

PB91974BS

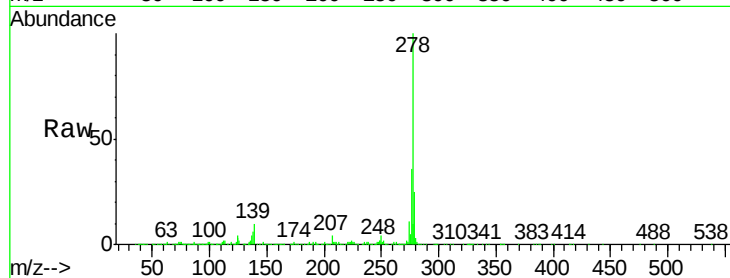
Tot Ion:278 Resp: 2135598

Ion Ratio Lower Upper

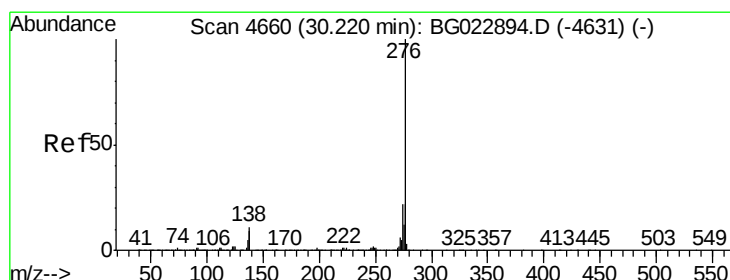
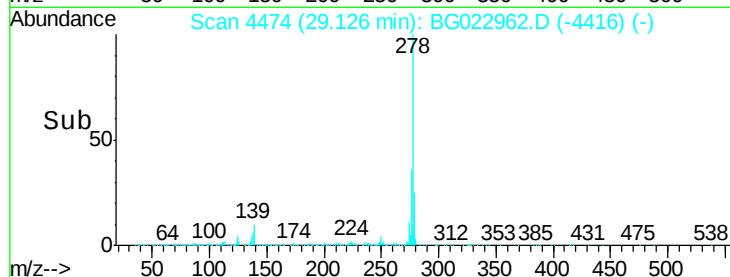
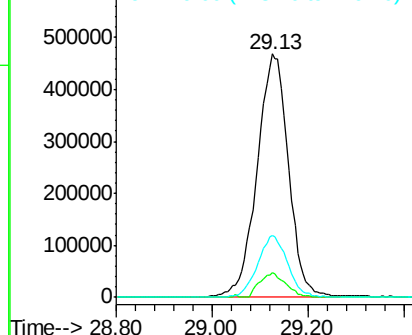
278 100

139 10.1 4.7 7.1#

279 25.4 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.45 ng

RT: 30.27 min Scan# 4669

Delta R.T. 0.05 min

Lab File: BG022962.D

Acq: 9 Jul 2016 12:45

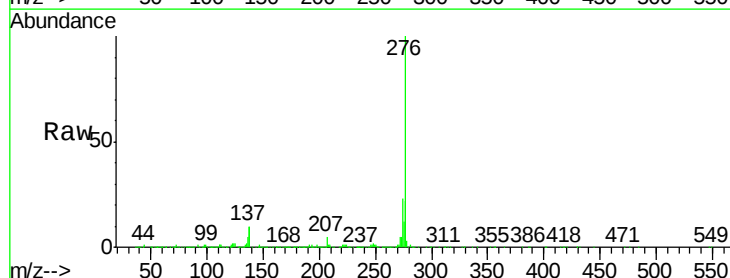
Tgt Ion:276 Resp: 2114195

Ion Ratio Lower Upper

276 100

277 22.3 18.6 27.8

138 10.2 6.8 10.2#



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

