

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022901.D
 Acq On : 7 Jul 2016 18:42
 Operator : UM/SJ
 Sample : H3840-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

Quant Time: Jul 08 05:02:06 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	8.15	152	926	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	86	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	80	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	340	20.00	ng	-0.04
75) Chrysene-d12	21.80	240	137	20.00	ng	-0.05
86) Perylene-d12	25.14	264	721	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	414968	7329.19	ng	0.00
7) Phenol-d6	7.30	99	413469	4662.58	ng	0.00
23) Nitrobenzene-d5	9.32	82	908747	452464.12	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	872218	606636.81	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1941467	382258.88	ng	0.00
78) Terphenyl-d14	20.15	244	3041603	-20.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	139	6.32	ng	# 1
4) n-Nitrosodimethylamine	3.90	42	90	2.79	ng	# 1
6) Aniline	7.47	93	530	4.31	ng	# 73
8) 2-Chlorophenol	7.71	128	129	2.14	ng	# 1
9) Benzaldehyde	7.29	77	1305	22.02	ng	# 58
10) Phenol	7.33	94	5199	56.98	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	224	3.04	ng	# 1
14) 1,2-Dichlorobenzene	8.51	146	218	2.97	ng	# 64
15) Benzyl Alcohol	8.40	79	831	10.23	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.64	45	974	11.03	ng	# 74
18) Hexachloroethane	9.25	117	84	2.70	ng	# 1
22) Acetophenone	8.98	105	421	163.11	ng	# 44
24) Nitrobenzene	9.32	77	3849	1803.49	ng	# 47
25) Isophorone	9.91	82	191	47.28	ng	# 8
26) 2-Nitrophenol	10.05	139	78	93.15	ng	# 38
27) 2,4-Dimethylphenol	10.14	122	72	49.74	ng	# 1
28) bis(2-Chloroethoxy)methane	10.38	93	104	46.16	ng	# 50
29) 2,4-Dichlorophenol	10.62	162	163	105.58	ng	# 36
30) 1,2,4-Trichlorobenzene	10.82	180	174	98.35	ng	# 1
31) Naphthalene	11.03	128	568	129.74	ng	# 63
32) Benzoic acid	10.28	122	139	105.55	ng	# 5
33) 4-Chloroaniline	11.13	127	624	291.47	ng	# 35
34) Hexachlorobutadiene	11.29	225	66	46.02	ng	# 18
35) Caprolactam	11.92	113	566	891.08	ng	# 70
36) 4-Chloro-3-methylphenol	12.25	107	383	181.38	ng	# 26
37) 2-Methylnaphthalene	12.64	142	120	34.68	ng	# 27
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	105	30.46	ng	# 1
40) Hexachlorocyclopentadiene	12.97	237	97	48.88	ng	# 26
42) 2,4,6-Trichlorophenol	13.23	196	158	79.74	ng	# 11
43) 2,4,5-Trichlorophenol	13.30	196	220	108.12	ng	# 1
45) 1,1'-Biphenyl	13.64	154	150	24.99	ng	# 5
46) 2-Chloronaphthalene	13.66	162	124	25.47	ng	# 38
47) 2-Nitroaniline	13.88	65	288	138.62	ng	# 16
48) Acenaphthylene	14.52	152	504	69.00	ng	# 4

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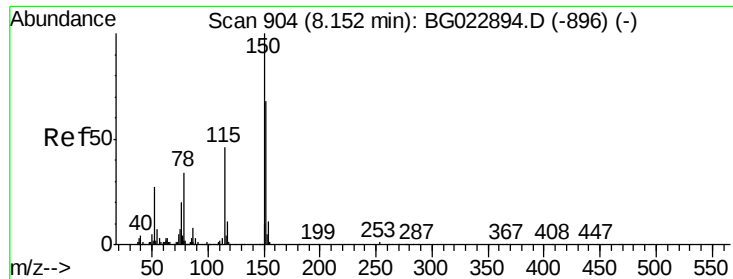
Instrument :
 BNA_G
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Quant Time: Jul 08 05:02:06 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) Dimethylphthalate	14.24	163	323531	49508.15	nq	98
50) 2,6-Dinitrotoluene	14.44	165	148	100.77	nq	88
51) Acenaphthene	14.87	154	2220	465.11	nq	# 57
52) 3-Nitroaniline	14.70	138	316	215.78	nq	# 41
53) 2,4-Dinitrophenol	14.88	184	55	54.58	nq	# 1
54) Dibenzofuran	15.19	168	761	106.52	nq	# 39
55) 4-Nitrophenol	14.97	139	200	162.93	nq	93
56) 2,4-Dinitrotoluene	15.17	165	183	85.47	nq	# 14
57) Fluorene	15.83	166	1000	162.62	nq	# 53
58) 2,3,4,6-Tetrachlorophenol	15.39	232	53	26.03	nq	# 1
59) Diethylphthalate	15.59	149	4128	620.83	nq	# 92
60) 4-Chlorophenyl-phenylether	15.83	204	66	17.62	nq	# 1
61) 4-Nitroaniline	15.79	138	96	60.58	nq	94
62) Azobenzene	16.21	77	632	99.37	nq	91
64) 4,6-Dinitro-2-methylphenol	15.91	198	67	26.51	nq	# 1
65) n-Nitrosodiphenylamine	16.29	169	24040	2454.15	nq	# 44
66) 4-Bromophenyl-phenylether	16.70	248	62	14.02	nq	# 4
67) Hexachlorobenzene	16.82	284	56	11.64	nq	# 1
68) Atrazine	16.96	200	63	14.50	nq	# 36
69) Pentachlorophenol	17.20	266	1034	331.97	nq	97
70) Phenanthrene	17.55	178	292	17.52	nq	# 1
71) Anthracene	17.65	178	1185	70.23	nq	# 57
72) Carbazole	17.90	167	269	18.45	nq	# 63
73) Di-n-butylphthalate	18.50	149	22924	1413.90	nq	# 94
74) Fluoranthene	19.47	202	1034	50.57	nq	84
76) Benzidine	19.71	184	830	211.33	nq	# 1
77) Pyrene	19.95	202	3494	453.84	nq	# 86
79) Butylbenzylphthalate	20.63	149	541	177.41	nq	88
80) Benzo(a)anthracene	21.77	228	683	89.11	nq	# 1
81) 3,3'-Dichlorobenzidine	21.69	252	643	191.11	nq	# 49
82) Chrysene	21.86	228	473	65.78	nq	# 60
83) Bis(2-ethylhexyl)phthalate	21.70	149	13847	3270.18	nq	# 87
84) Di-n-octyl phthalate	22.91	149	756	107.06	nq	# 1
85) Indeno(1,2,3-cd)pyrene	28.95	276	344	37.52	nq	# 100
87) Benzo(b)fluoranthene	24.07	252	1003	24.11	nq	# 89
88) Benzo(k)fluoranthene	24.15	252	1236	31.31	nq	# 1
89) Benzo(a)pyrene	24.98	252	310	7.77	nq	# 1
90) Dibenzo(a,h)anthracene	29.02	278	348	8.79	nq	# 40
91) Benzo(g,h,i)perylene	30.15	276	142	3.58	nq	# 72

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

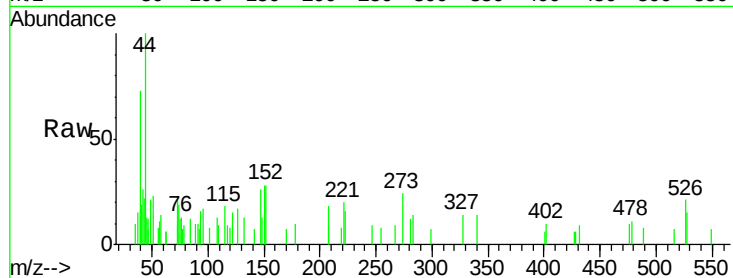
Tot Ion:152 Resp: 926

Ion Ratio Lower Upper

152 100

150 99.6 144.7 217.1#

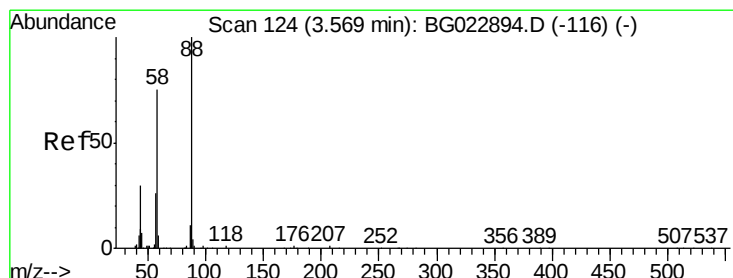
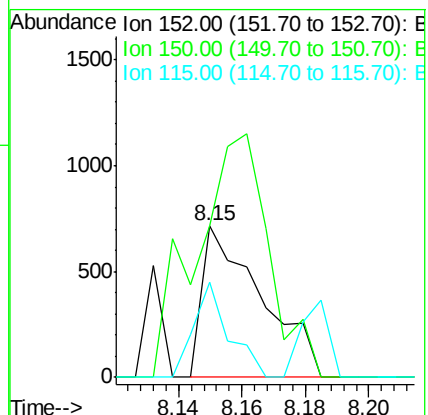
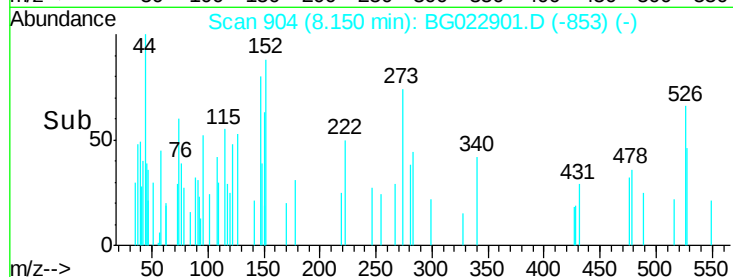
115 63.0 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 6.32 ng

RT: 3.55 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

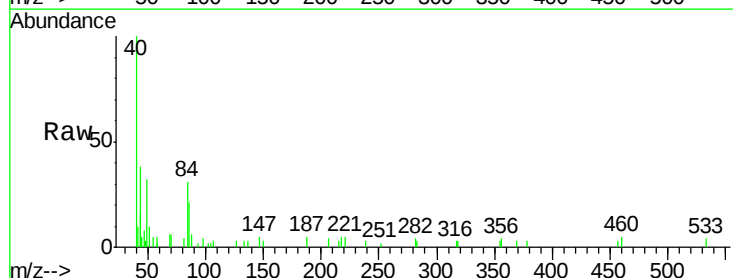
Tgt Ion: 88 Resp: 139

Ion Ratio Lower Upper

88 100

58 0.0 60.4 90.6#

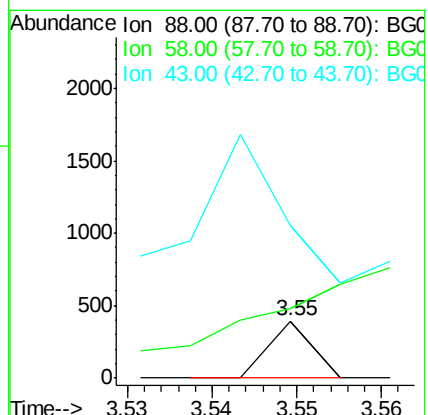
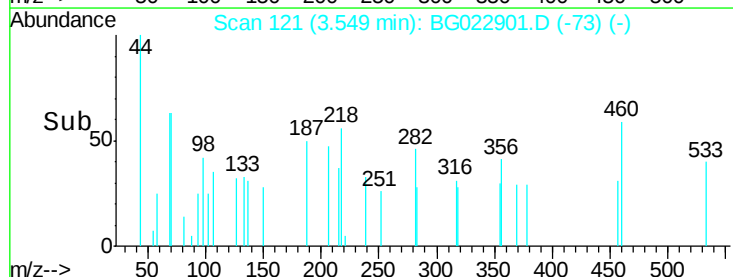
43 433.1 31.1 46.7#

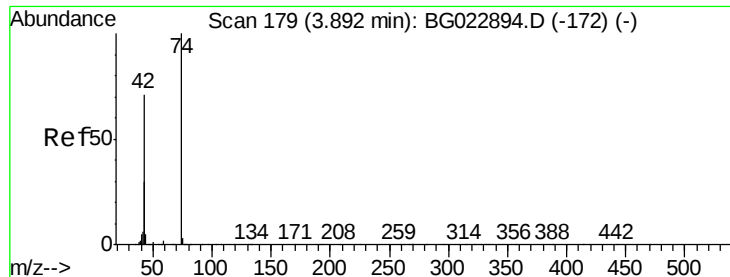


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



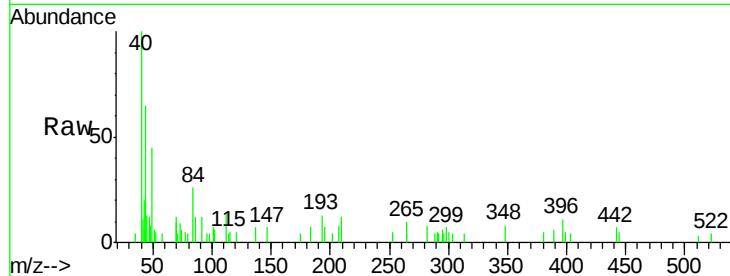


#4

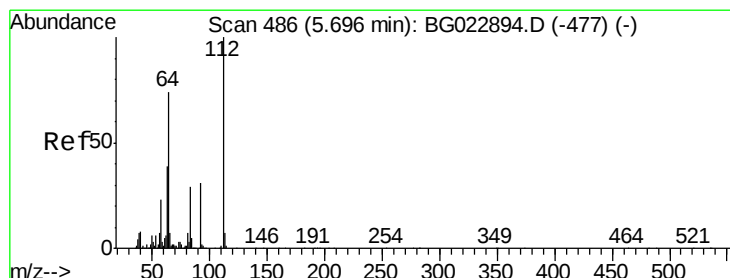
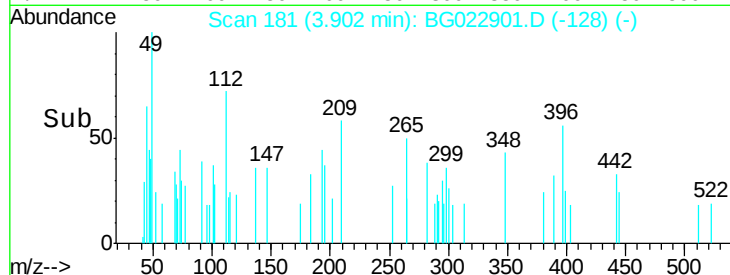
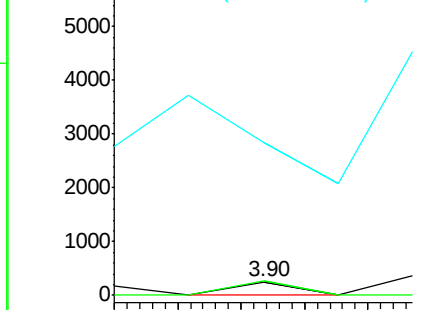
n-Nitrosodimethylamine
 Concen: 2.79 ng
 RT: 3.90 min Scan# 181
 Delta R.T. 0.01 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Instrument :
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 ClientSampleId :
 PZ-4

Tot Ion: 42 Resp: 90
 Ion Ratio Lower Upper
 42 100
 74 101.6 100.6 150.8
 44 1116.5 4.5 6.7#



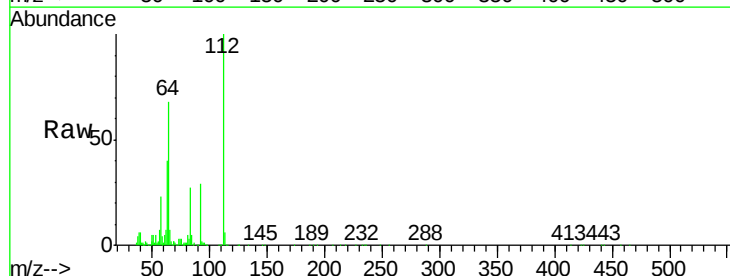
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



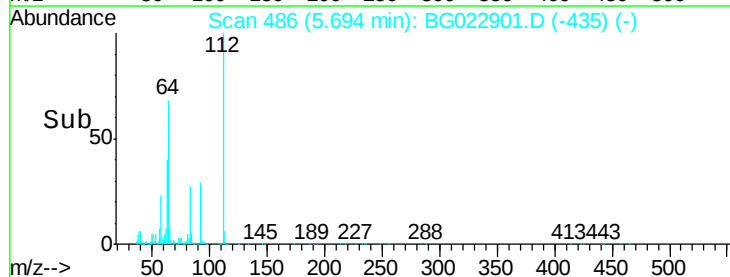
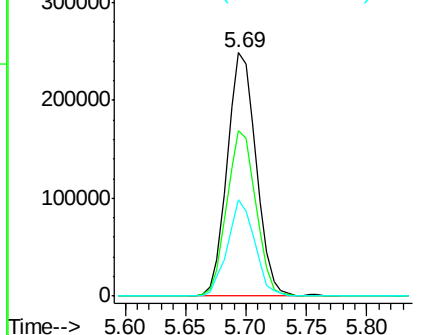
#5

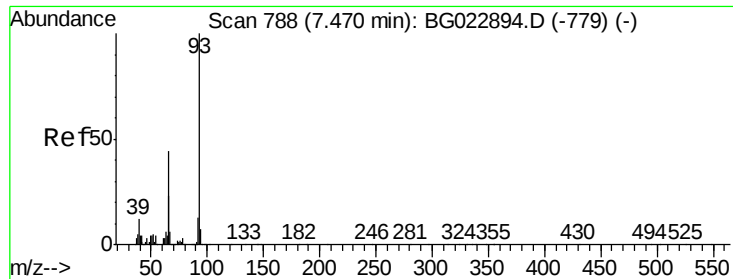
2-Fluorophenol
 Concen: 7329.19 ng
 RT: 5.69 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Tgt Ion: 112 Resp: 414968
 Ion Ratio Lower Upper
 112 100
 64 67.9 59.0 88.4
 63 39.7 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: 4.31 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

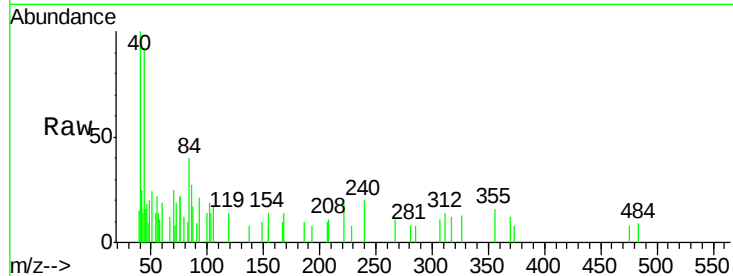
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ClientSampled :

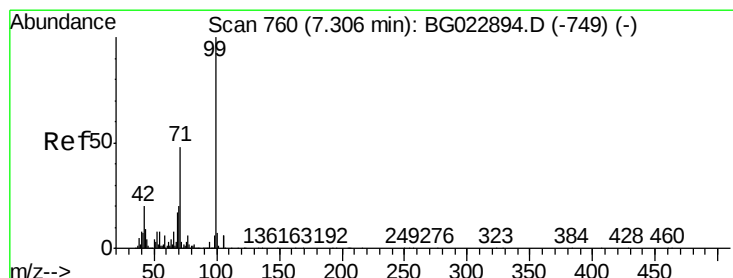
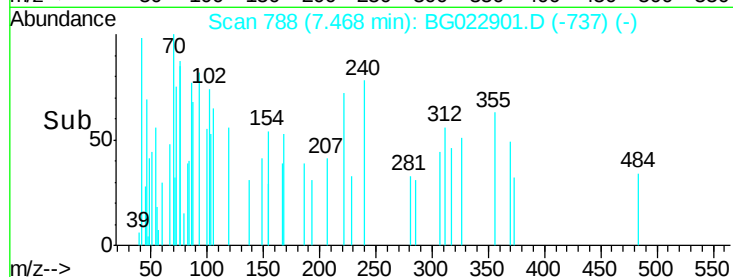
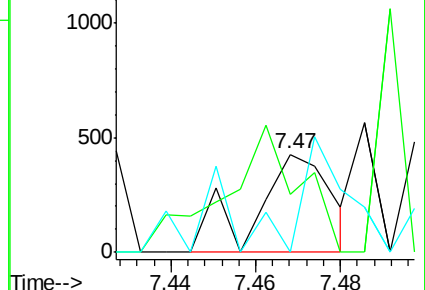
PZ-4

Tot Ion: 93 Resp: 530

Ion	Ratio	Lower	Upper
93	100		
66	58.9	37.5	56.3#
65	0.0	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



#7

Phenol-d6

Concen: 4662.58 ng

RT: 7.30 min Scan# 760

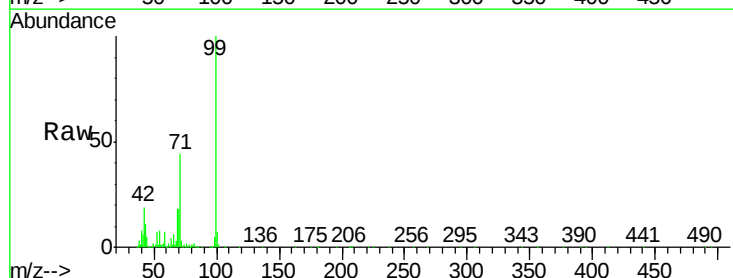
Delta R.T. -0.00 min

Lab File: BG022901.D

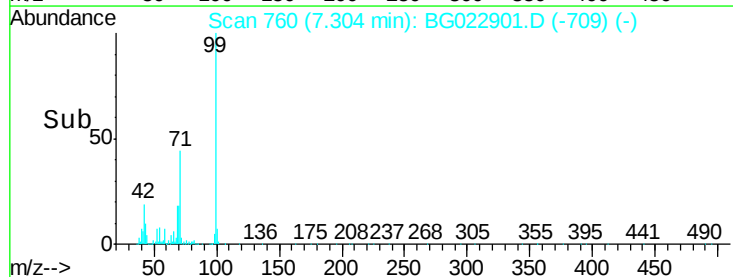
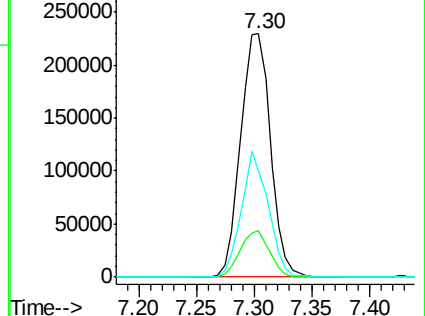
Acq: 7 Jul 2016 18:42

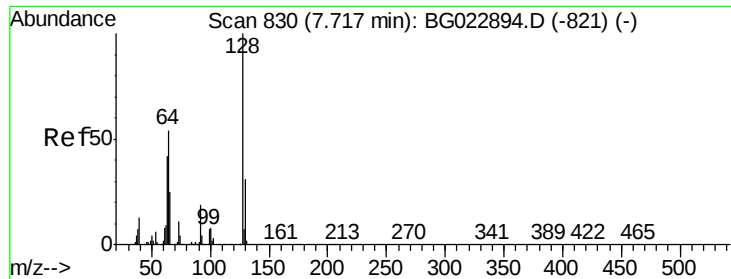
Tgt Ion: 99 Resp: 413469

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.8	26.6
71	43.9	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





#8

2-Chlorophenol

Concen: 2.14 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

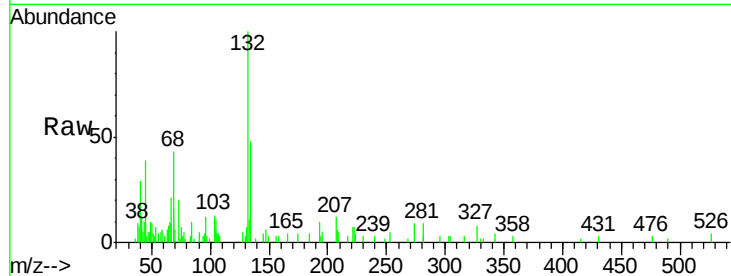
Tot Ion:128 Resp: 129

Ion Ratio Lower Upper

128 100

130 68.8 12.9 52.9#

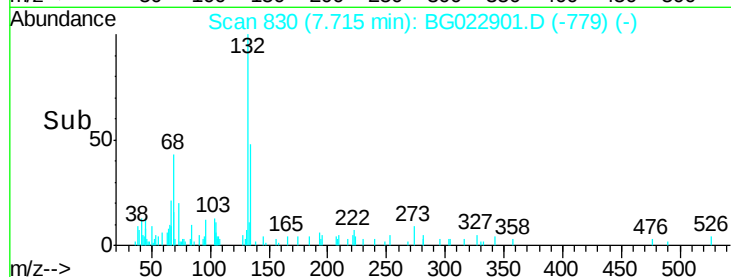
64 153.2 42.0 82.0#



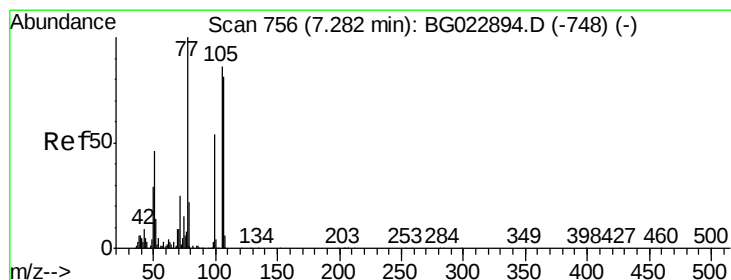
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 22.02 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

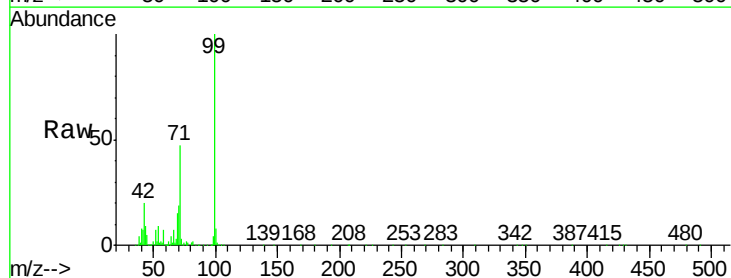
Tgt Ion: 77 Resp: 1305

Ion Ratio Lower Upper

77 100

105 21.1 58.7 98.7#

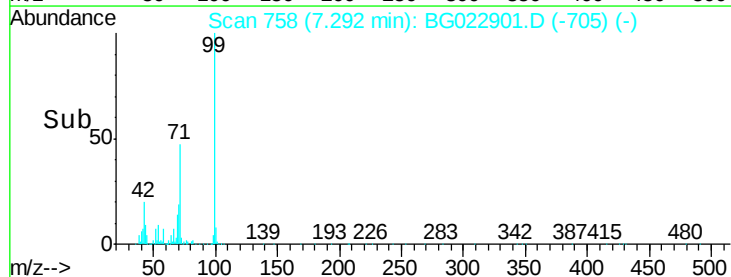
106 68.8 67.5 107.5



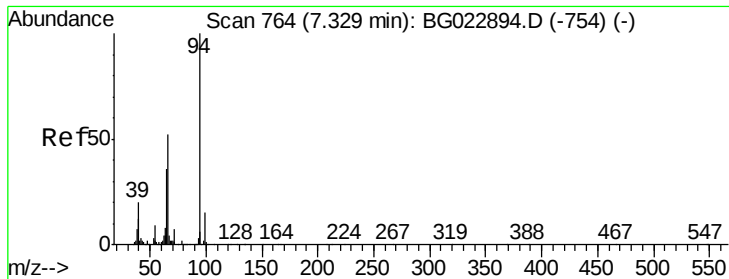
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->



#10

Phenol

Concen: 56.98 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

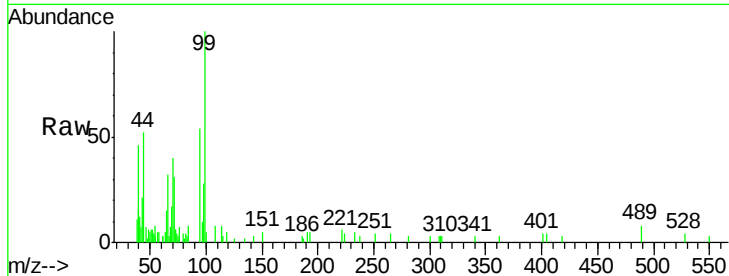
Tot Ion: 94 Resp: 5199

Ion Ratio Lower Upper

94 100

65 26.9 18.1 58.1

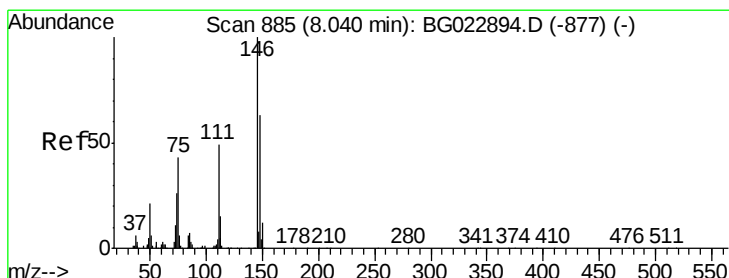
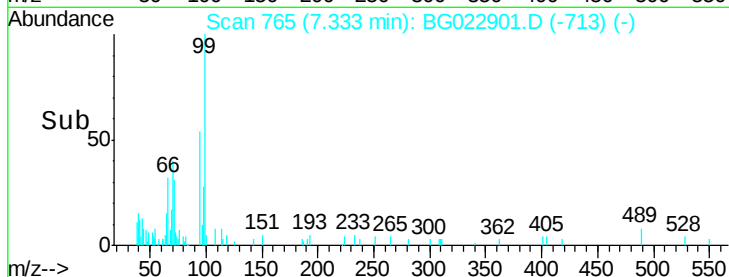
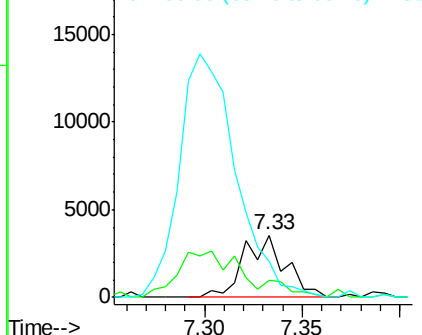
66 59.2 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#12

1,3-Dichlorobenzene

Concen: 3.04 ng

RT: 8.00 min Scan# 878

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

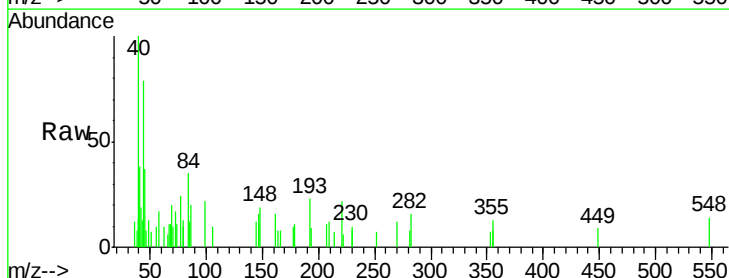
Tgt Ion: 146 Resp: 224

Ion Ratio Lower Upper

146 100

148 166.0 50.3 75.5#

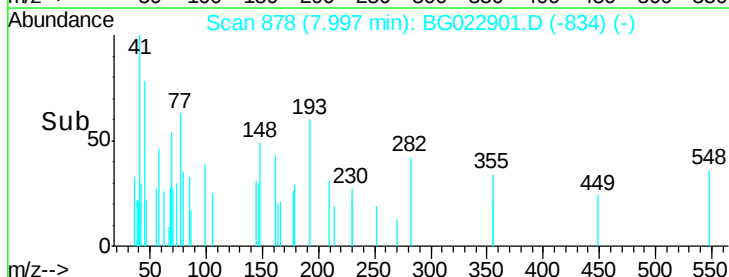
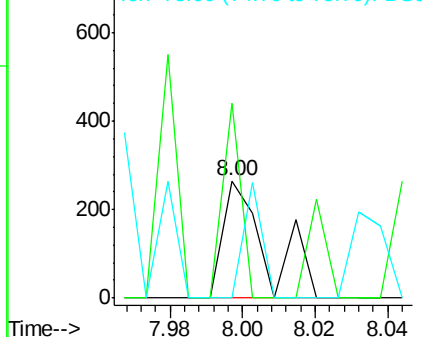
75 0.0 37.0 55.6#

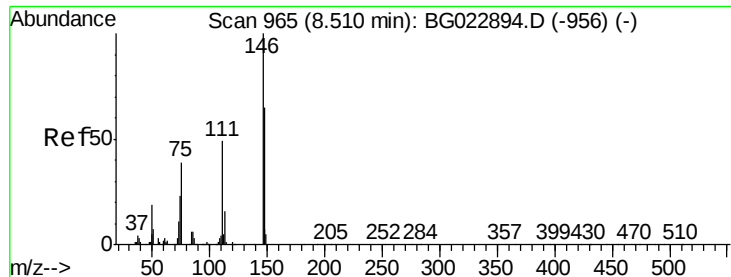


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#14

1,2-Dichlorobenzene

Concen: 2.97 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

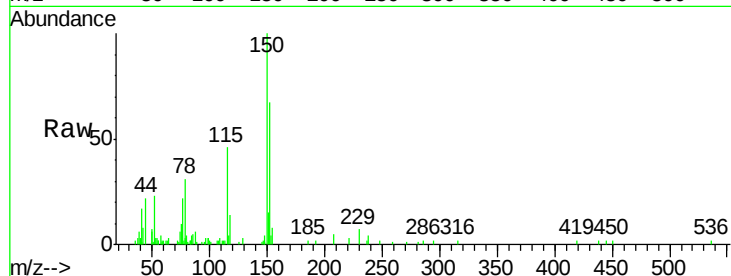
Tot Ion:146 Resp: 218

Ion Ratio Lower Upper

146 100

148 58.5 52.9 79.3

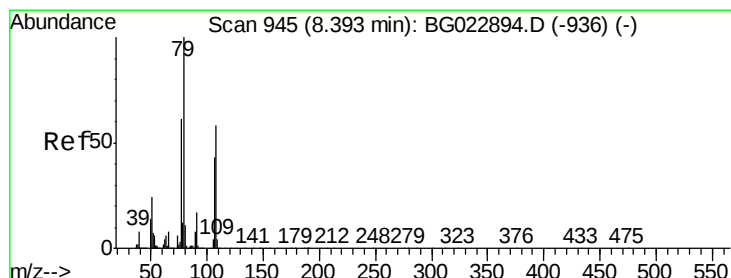
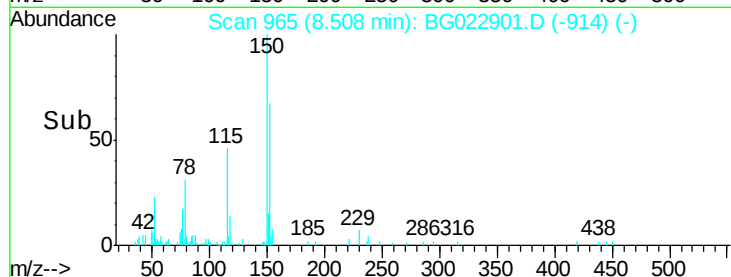
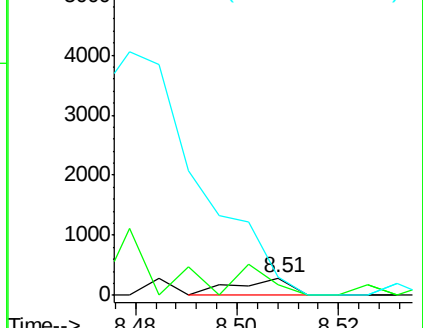
111 103.1 43.5 65.3#



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: 10.23 ng

RT: 8.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

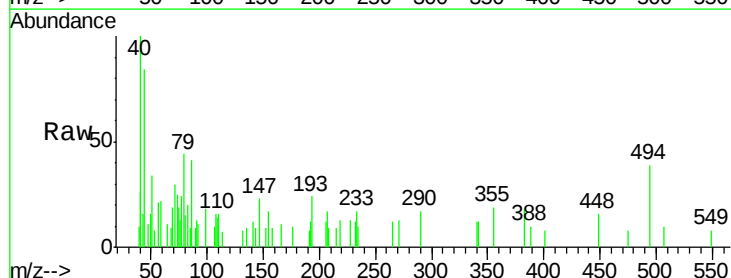
Tgt Ion: 79 Resp: 831

Ion Ratio Lower Upper

79 100

108 69.7 46.5 69.7#

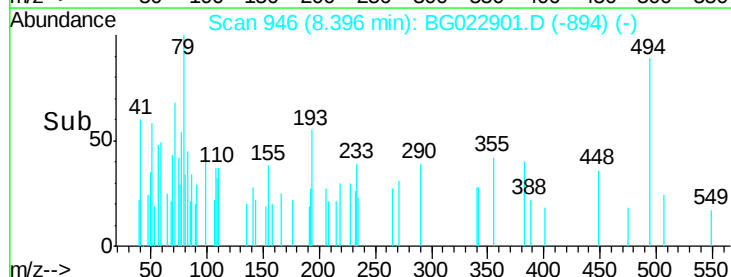
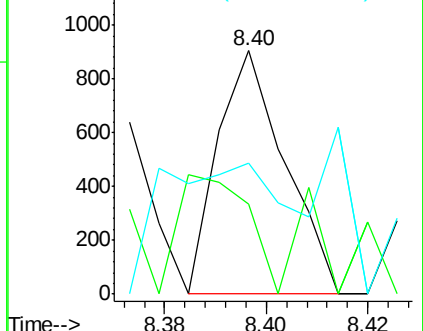
77 53.6 52.3 78.5

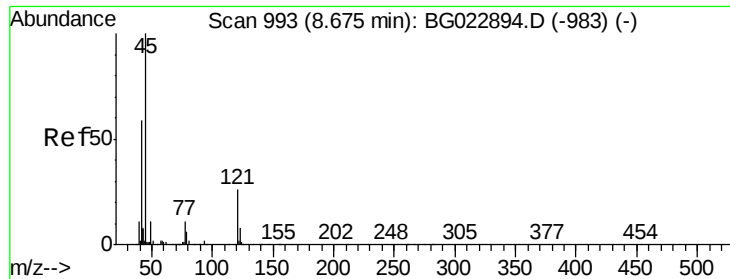


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

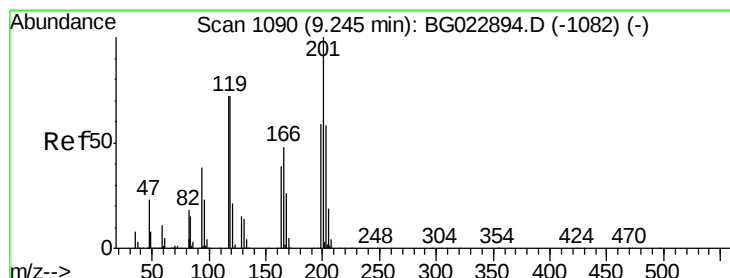
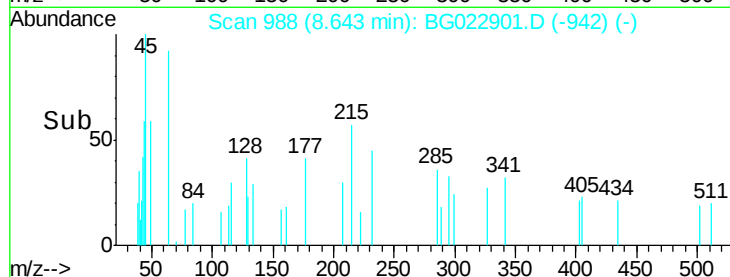
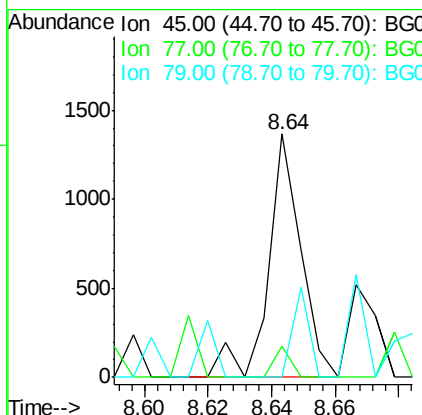
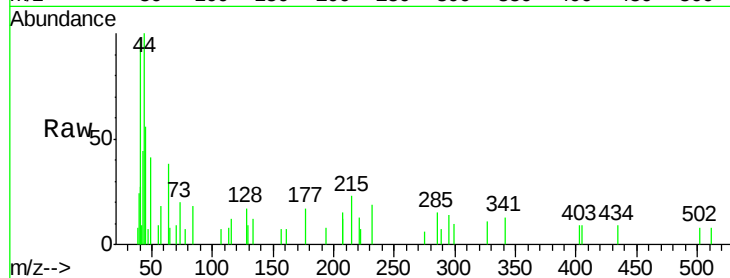




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 11.03 ng
 RT: 8.64 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

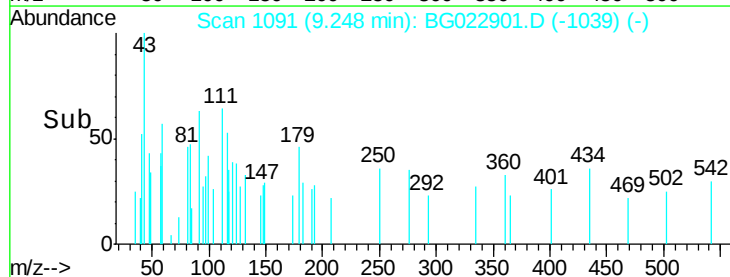
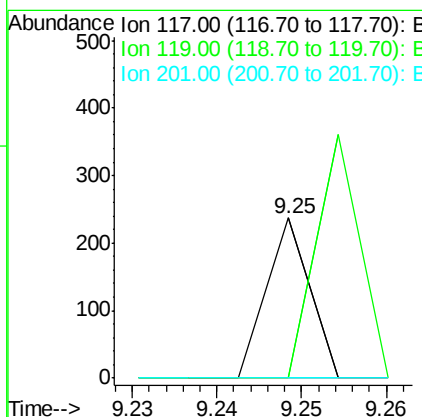
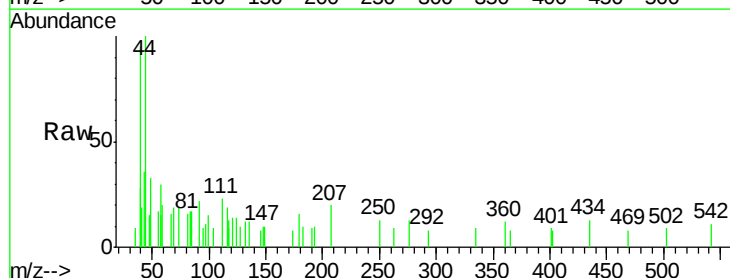
Instrument :
 BNA_G
 ClientSampled :
 PZ-4

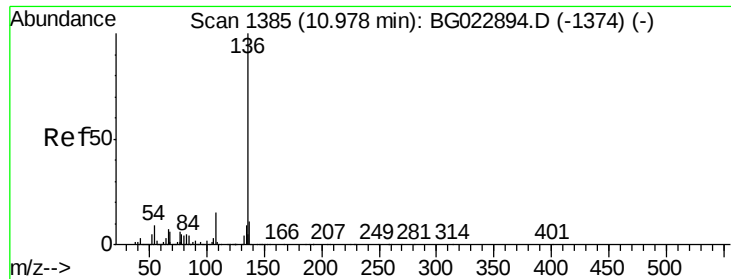
Tot Ion: 45 Resp: 974
 Ion Ratio Lower Upper
 45 100
 77 12.6 0.6 40.6
 79 0.0 0.0 36.2



#18
 Hexachloroethane
 Concen: 2.70 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Tgt Ion: 117 Resp: 84
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.7 110.5#
 201 0.0 88.7 133.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

Tot Ion:136 Resp: 86

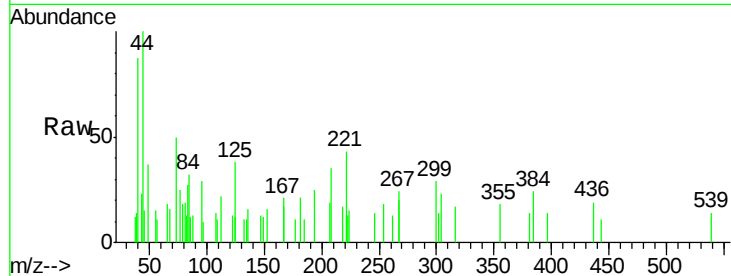
Ion Ratio Lower Upper

136 100

137 0.0 9.6 14.4#

54 0.0 7.3 10.9#

68 99.2 5.3 7.9#



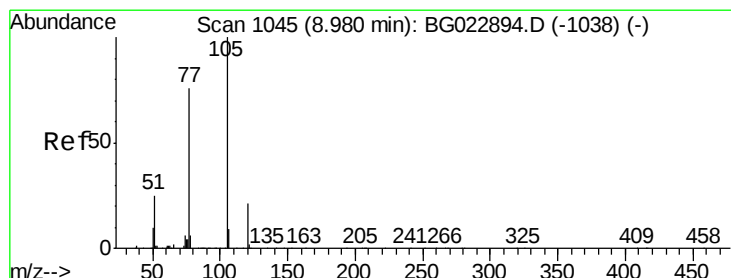
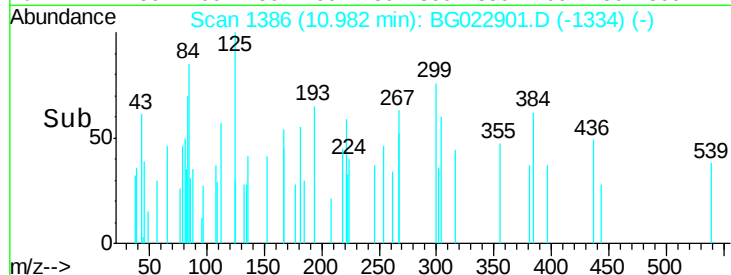
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time--> 10.96 10.98 11.00



#22

Acetophenone

Concen: 163.11 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Tgt Ion:105 Resp: 421

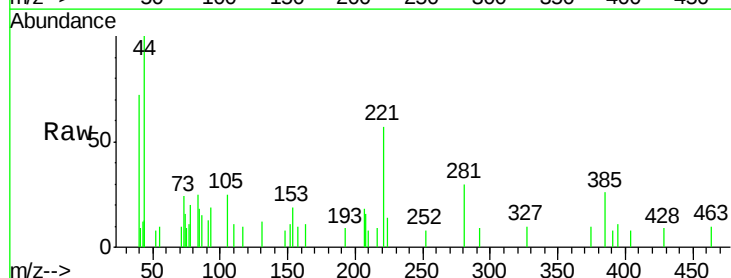
Ion Ratio Lower Upper

105 100

71 39.0 2.6 3.8#

51 0.0 27.1 40.7#

120 0.0 15.1 22.7#



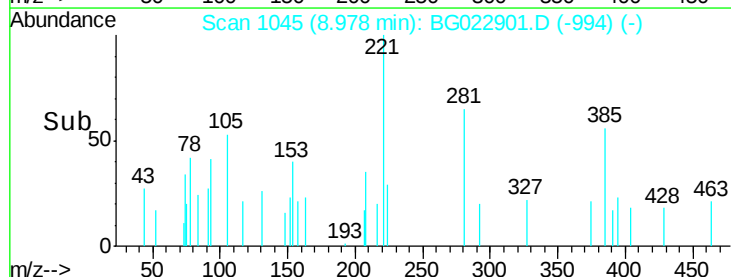
Abundance Ion 105.00 (104.70 to 105.70): E

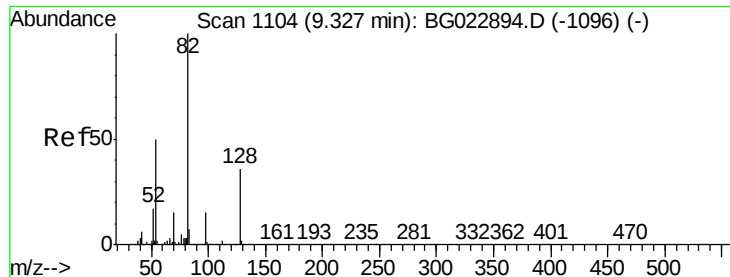
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time--> 8.94 8.96 8.98 9.00





#23

Nitrobenzene-d5

Concen: 452464.12 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

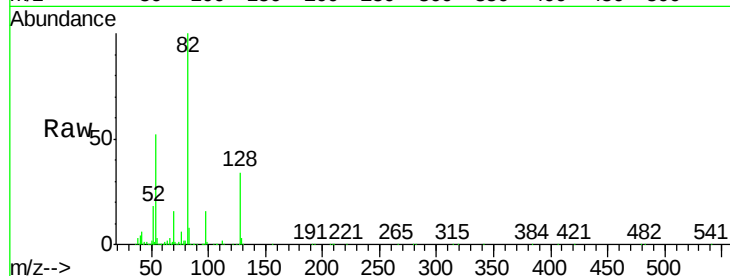
Tot Ion: 82 Resp: 908747

Ion Ratio Lower Upper

82 100

128 34.2 24.4 36.6

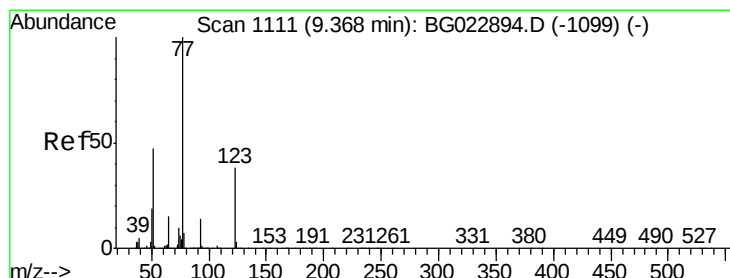
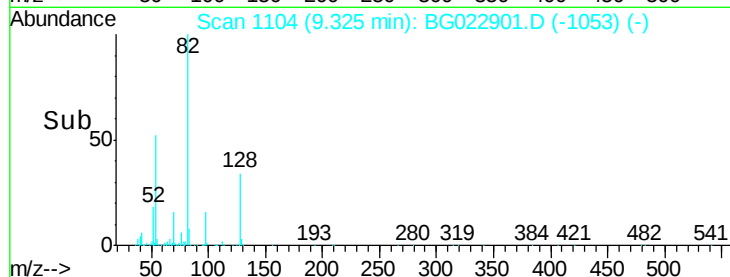
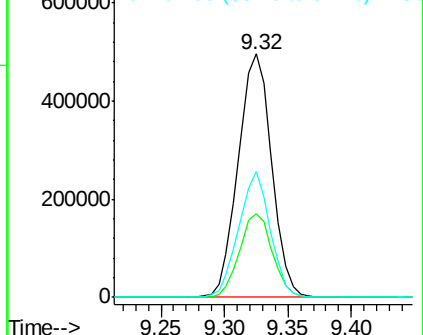
54 51.6 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 1803.49 ng

RT: 9.32 min Scan# 1103

Delta R.T. -0.05 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

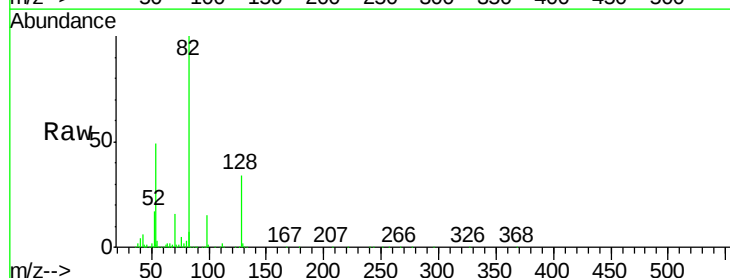
Tgt Ion: 77 Resp: 3849

Ion Ratio Lower Upper

77 100

123 11.5 25.0 37.6#

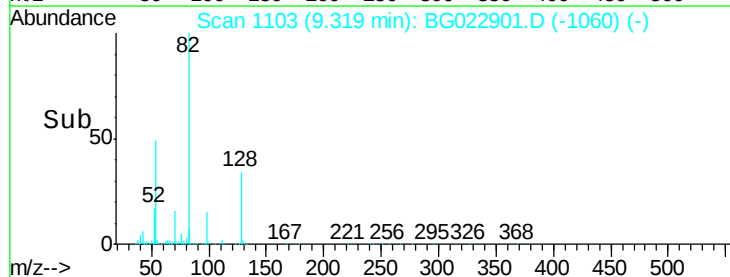
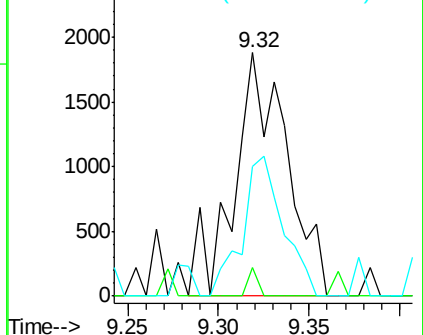
65 53.3 13.4 20.0#

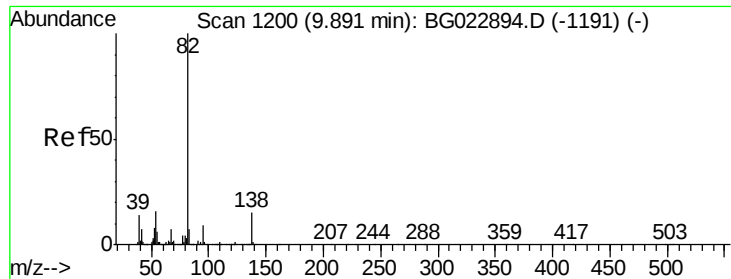


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 47.28 ng

RT: 9.91 min Scan# 1203

Delta R.T. 0.02 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

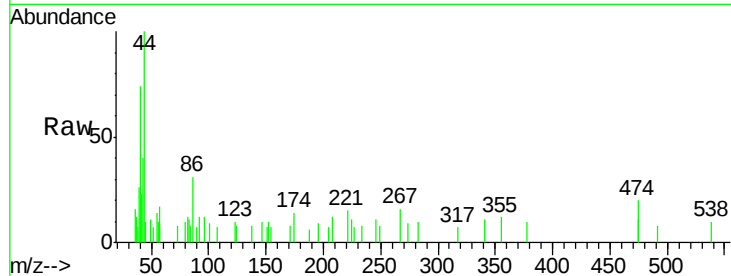
Tot Ion: 82 Resp: 191

Ion Ratio Lower Upper

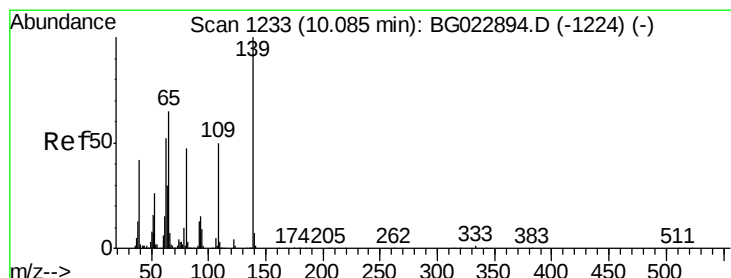
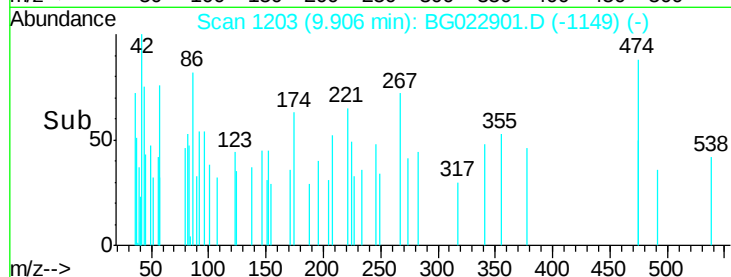
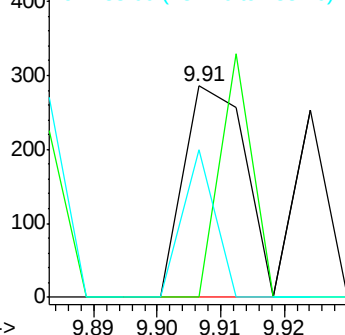
82 100

95 0.0 8.2 12.2#

138 69.9 10.7 16.1#



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



#26

2-Nitrophenol

Concen: 93.15 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

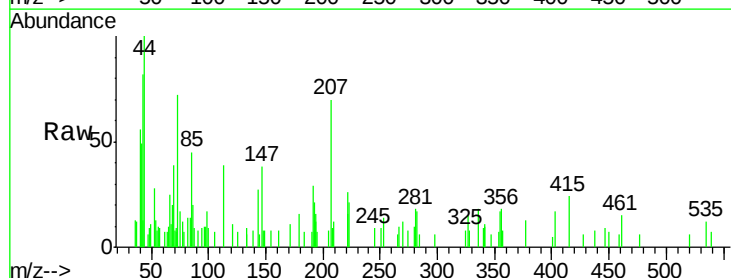
Tgt Ion: 139 Resp: 78

Ion Ratio Lower Upper

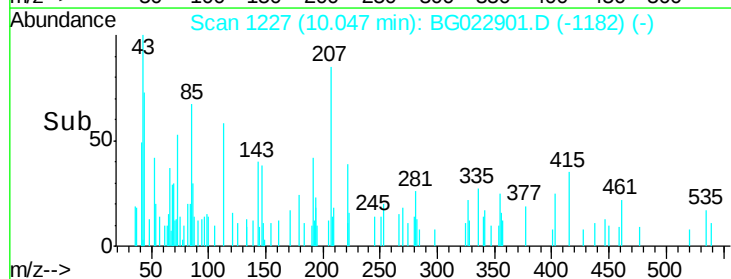
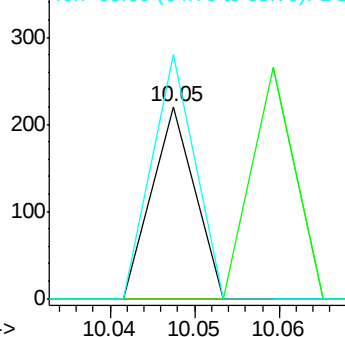
139 100

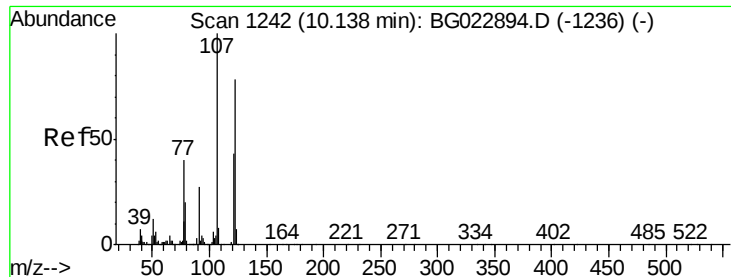
109 0.0 43.5 65.3#

65 127.3 64.3 96.5#



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





#27

2,4-Dimethylphenol

Concen: 49.74 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

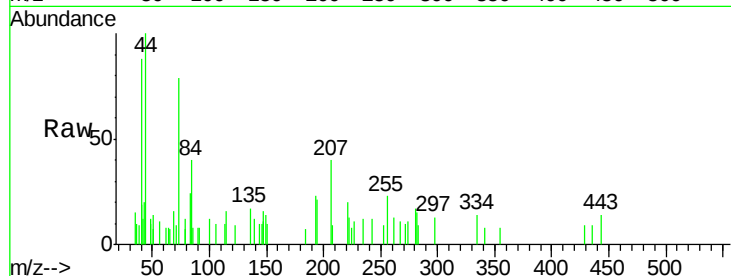
Tot Ion:122 Resp: 72

Ion Ratio Lower Upper

122 100

107 0.0 117.0 175.4#

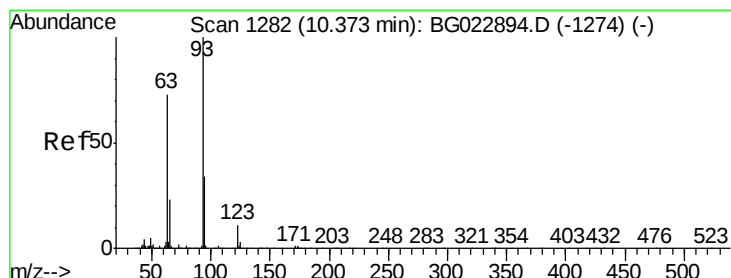
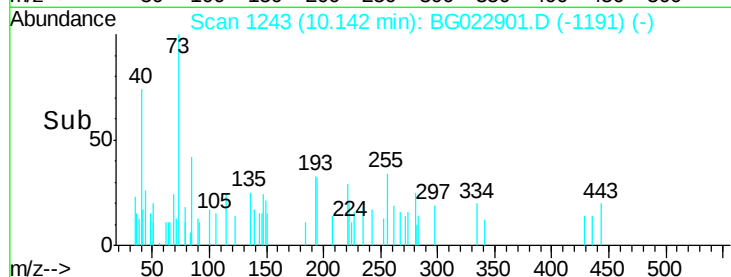
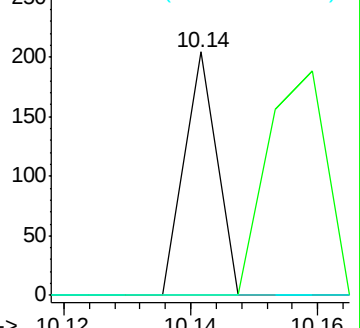
121 0.0 50.1 75.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.16 ng

RT: 10.38 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

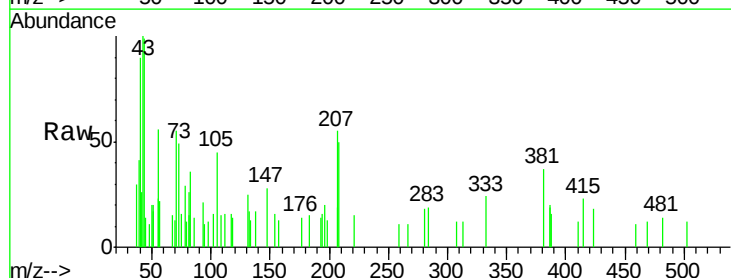
Tgt Ion: 93 Resp: 104

Ion Ratio Lower Upper

93 100

95 0.0 25.4 38.2#

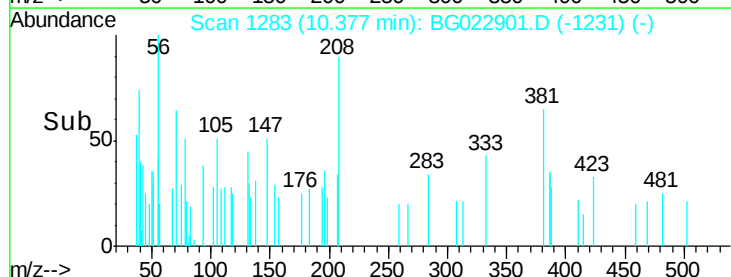
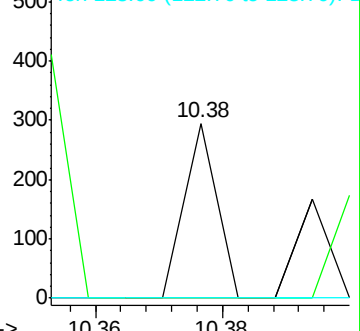
123 0.0 8.2 12.2#

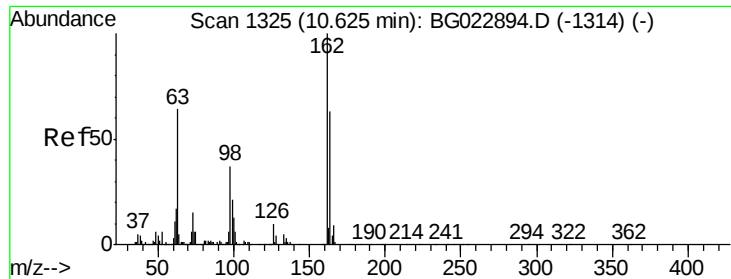


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 105.58 ng

RT: 10.62 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

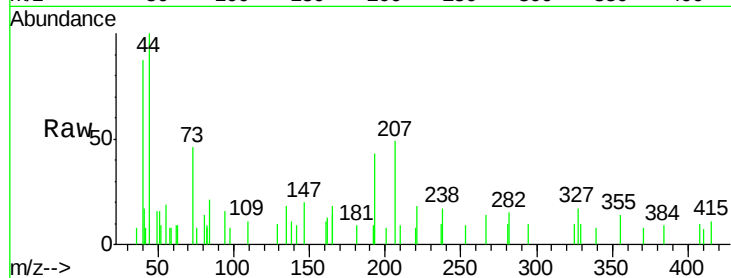
Tot Ion:162 Resp: 163

Ion Ratio Lower Upper

162 100

164 0.0 44.3 84.3#

98 60.4 19.5 59.5#

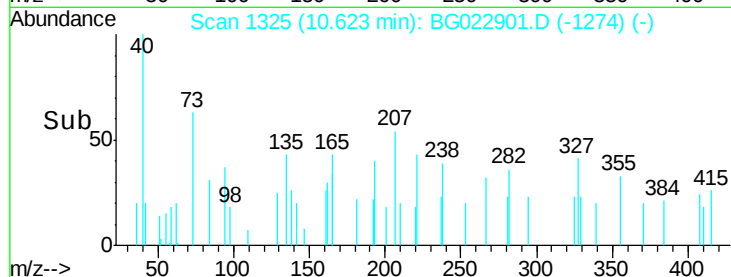


Abundance Ion 162.00 (161.70 to 162.70): E

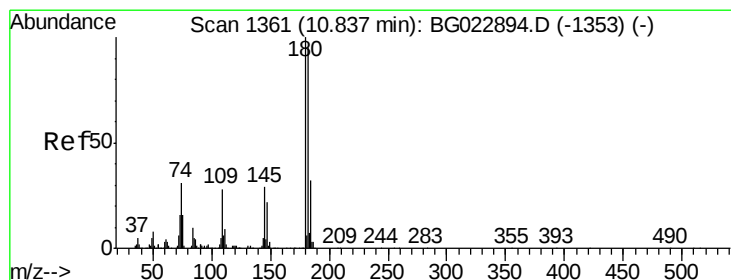
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



Time-->



#30

1,2,4-Trichlorobenzene

Concen: 98.35 ng

RT: 10.82 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

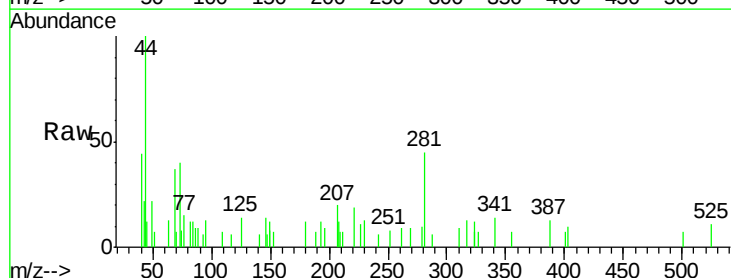
Tgt Ion:180 Resp: 174

Ion Ratio Lower Upper

180 100

182 0.0 73.8 110.8#

145 114.1 24.4 36.6#

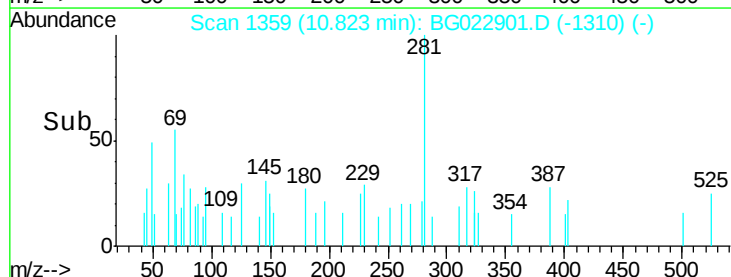


Abundance Ion 180.00 (179.70 to 180.70): E

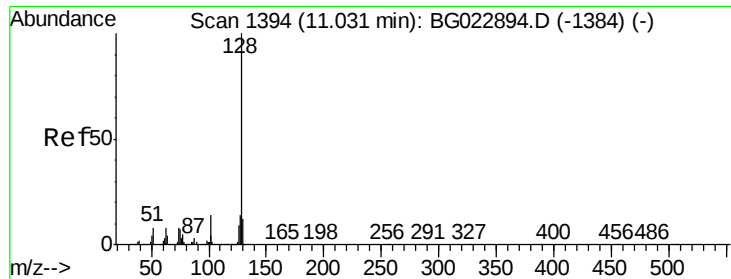
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->



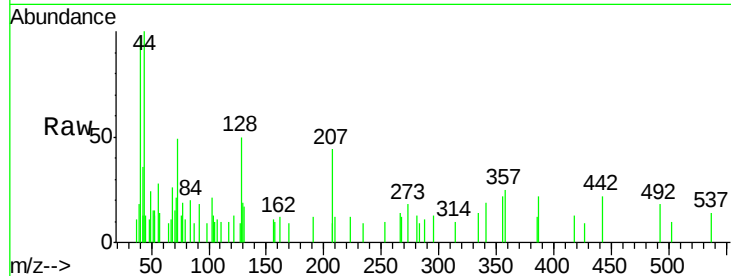
Time-->



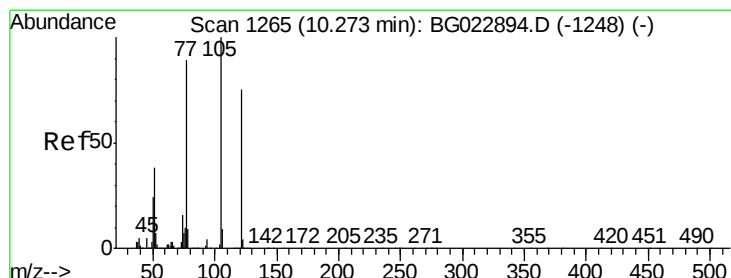
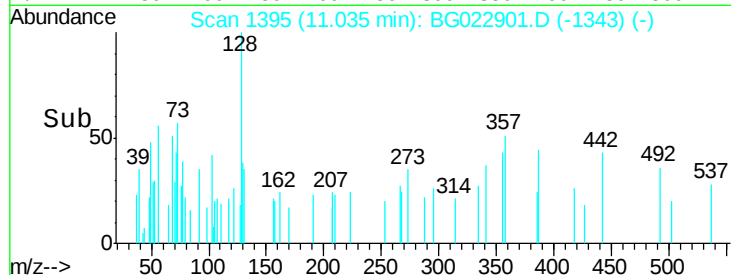
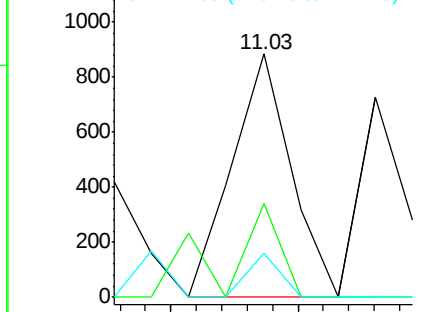
#31
Naphthalene
Concen: 129.74 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Instrument :
BNA_G
ClientSampled :
PZ-4

Tot Ion:128 Resp: 568
Ion Ratio Lower Upper
128 100
129 38.3 9.4 14.0#
127 18.1 11.3 16.9#

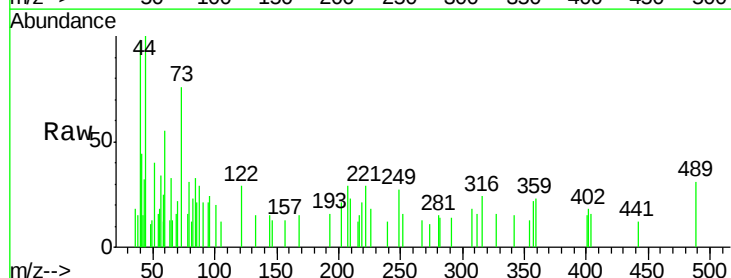


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

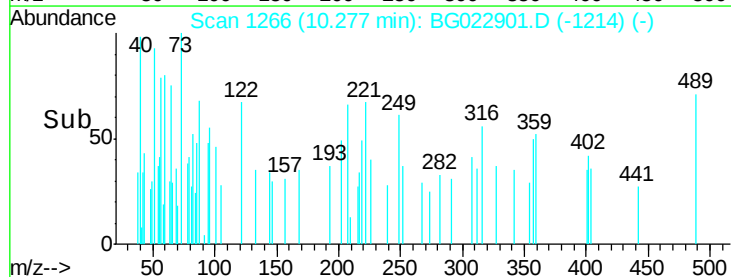
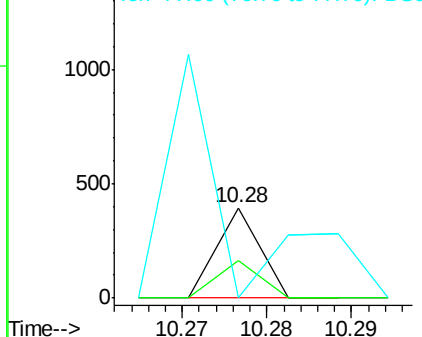


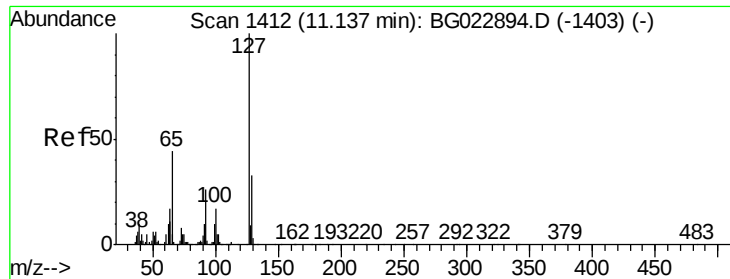
#32
Benzoic acid
Concen: 105.55 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Tgt Ion:122 Resp: 139
Ion Ratio Lower Upper
122 100
105 41.9 117.2 157.2#
77 0.0 109.2 149.2#



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): BG

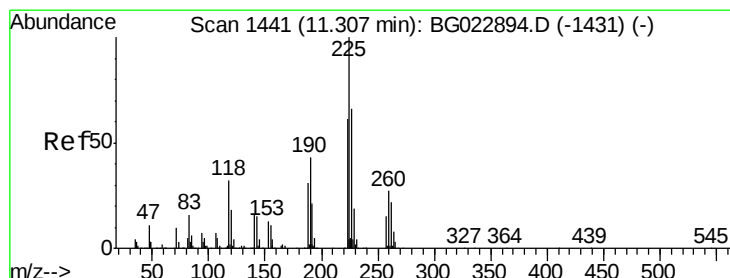
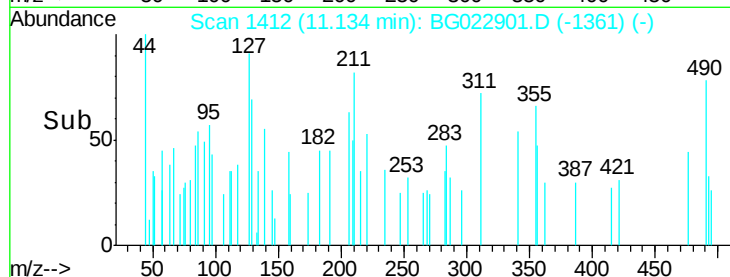
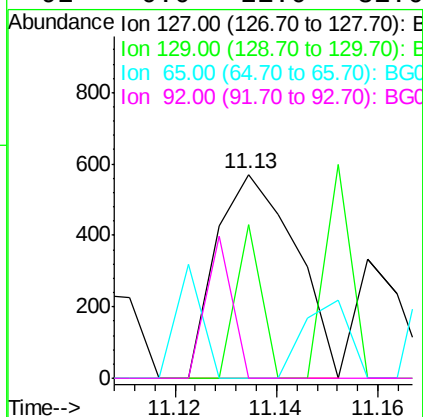
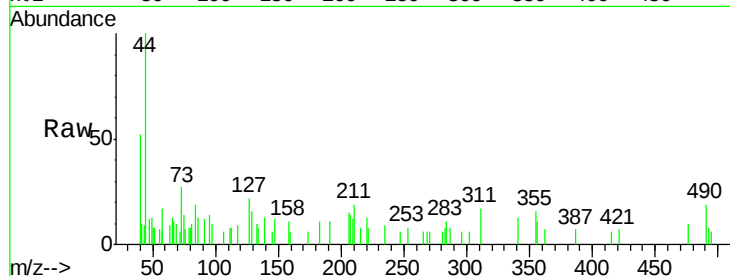




#33
4-Chloroaniline
Concen: 291.47 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

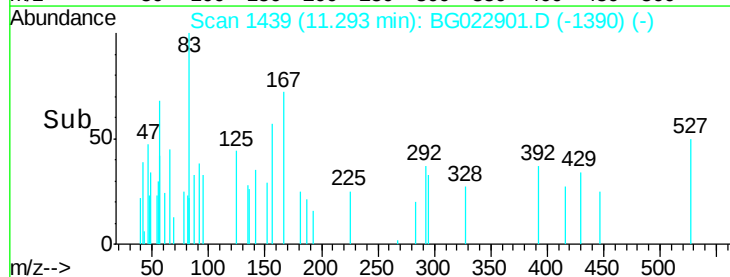
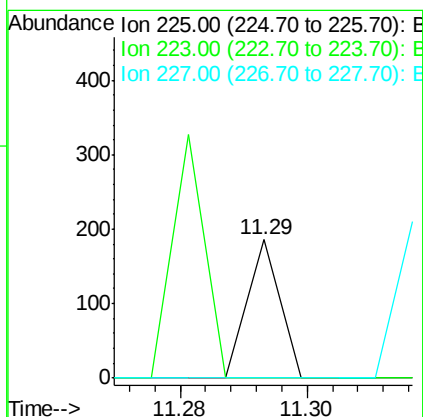
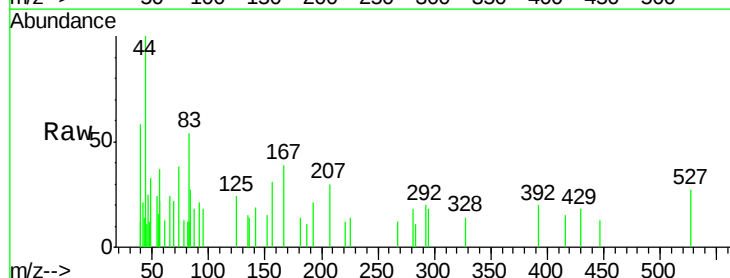
Instrument :
BNA_G
ClientSampleId :
PZ-4

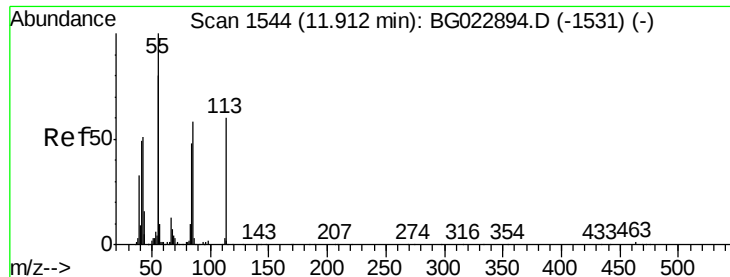
Tot Ion	Ratio	Lower	Upper
127	100		
129	75.6	27.9	41.9#
65	0.0	36.8	55.2#
92	0.0	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 46.02 ng
RT: 11.29 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.6	74.4#
227	0.0	54.5	81.7#





#35

Caprolactam

Concen: 891.08 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

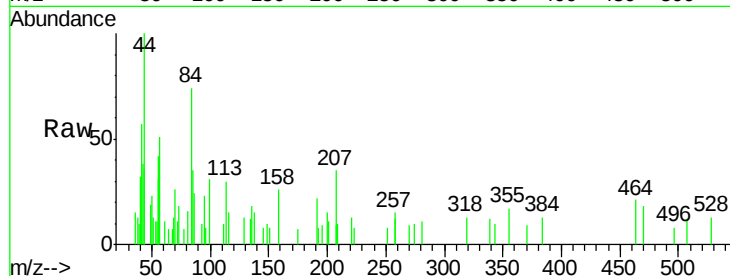
Tot Ion:113 Resp: 566

Ion Ratio Lower Upper

113 100

55 138.4 154.5 194.5#

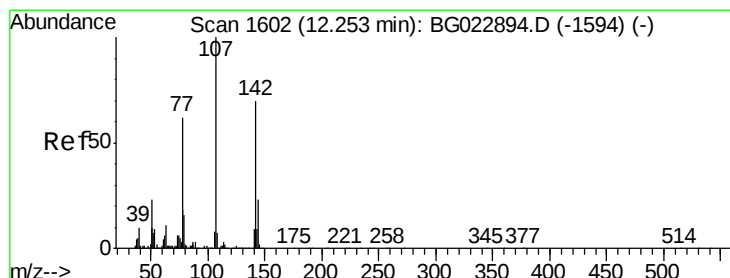
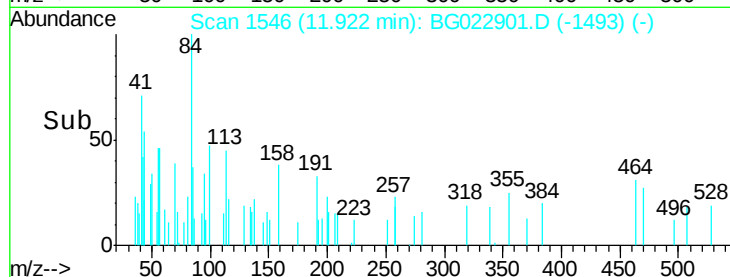
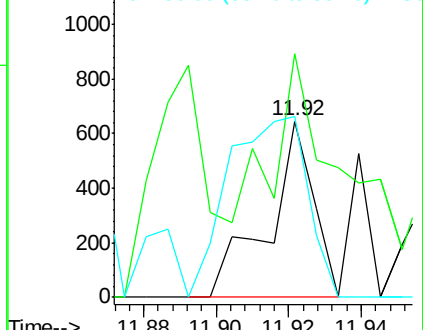
56 102.8 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 181.38 ng

RT: 12.25 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

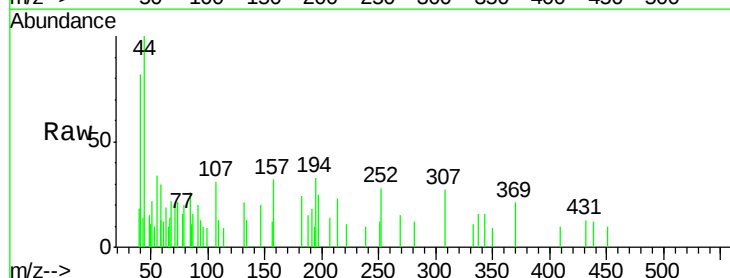
Tgt Ion:107 Resp: 383

Ion Ratio Lower Upper

107 100

144 0.0 17.0 25.6#

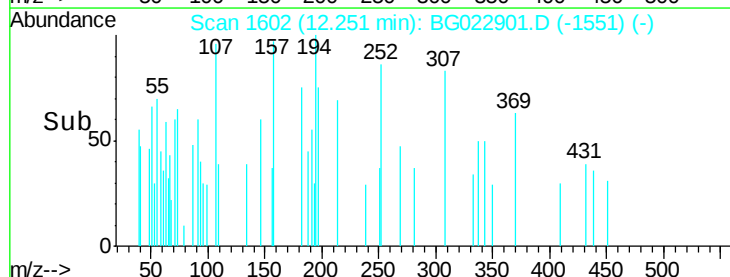
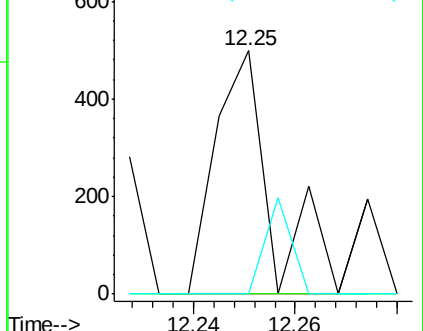
142 0.0 53.0 79.6#

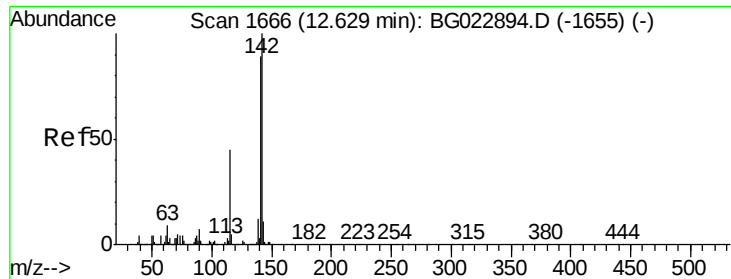


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

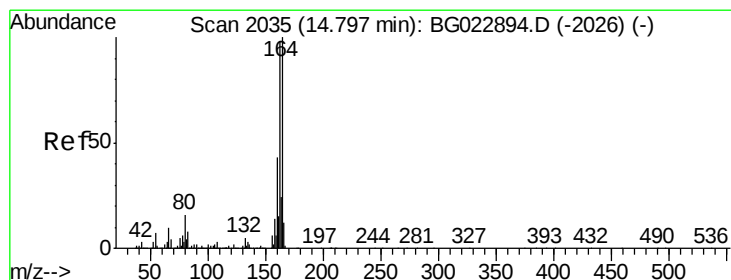
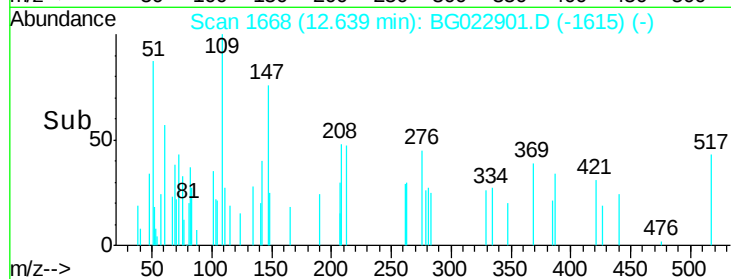
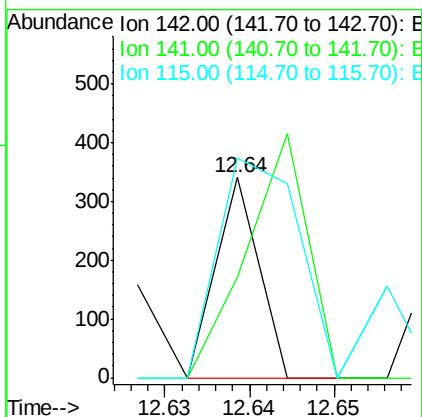
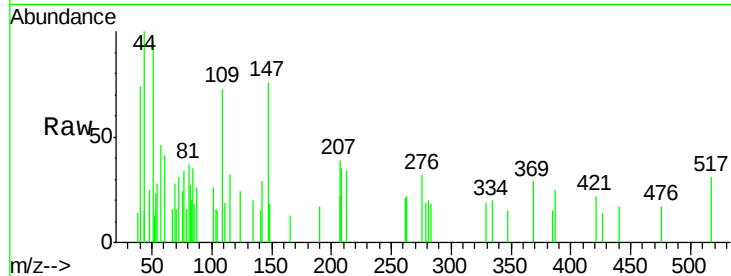




#37
2-Methylnaphthalene
Concen: 34.68 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

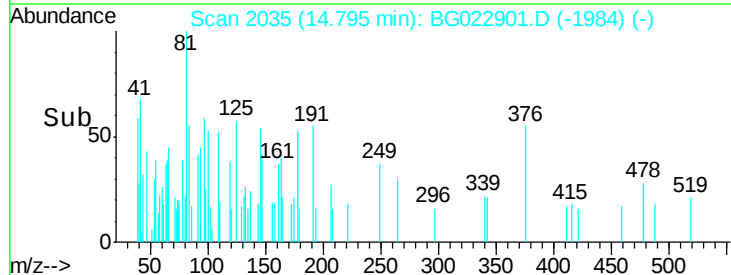
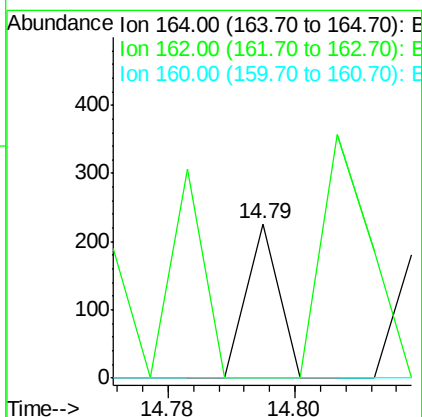
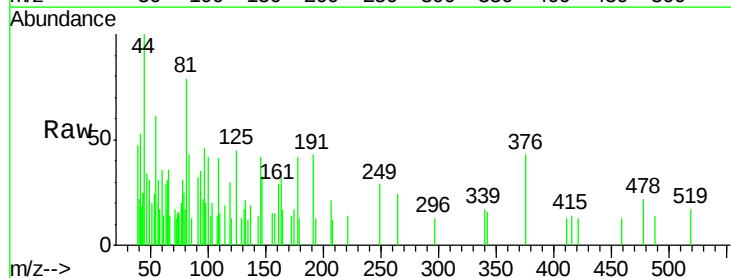
Instrument :
BNA_G
ClientSampled :
PZ-4

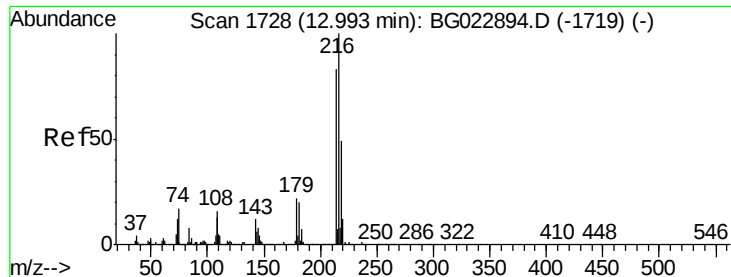
Tot Ion:142 Resp: 120
Ion Ratio Lower Upper
142 100
141 150.1 70.2 105.2#
115 109.4 41.7 62.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Tgt Ion:164 Resp: 80
Ion Ratio Lower Upper
164 100
162 0.0 87.7 131.5#
160 0.0 37.2 55.8#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.46 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.02 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

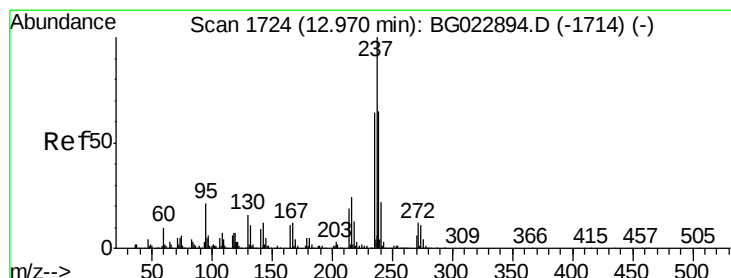
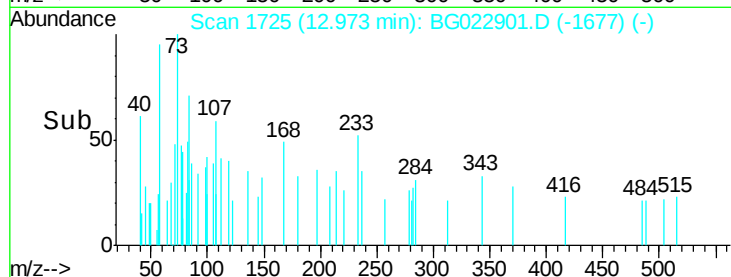
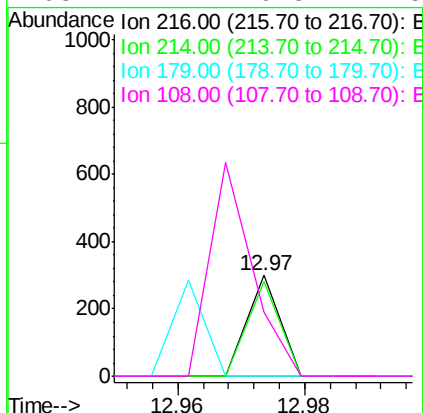
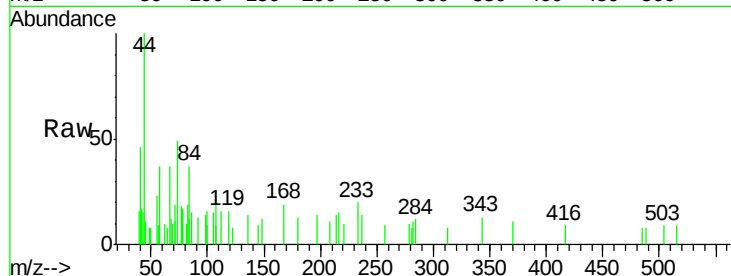
Instrument :

BNA_G

ClientSampleId :

PZ-4

Tot Ion:	216	Resp:	105
Ion	Ratio	Lower	Upper
216	100		
214	94.3	62.9	94.3
179	95.2	17.2	25.8#
108	277.1	16.3	24.5#



#40

Hexachlorocyclopentadiene

Concen: 48.88 ng

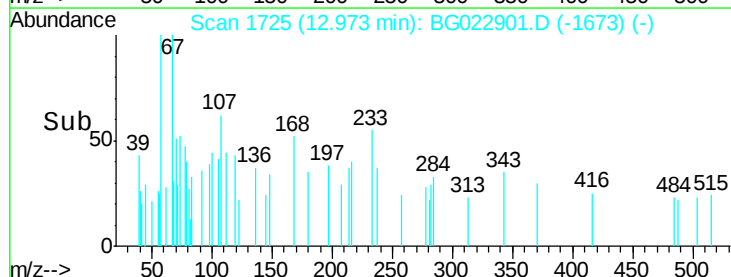
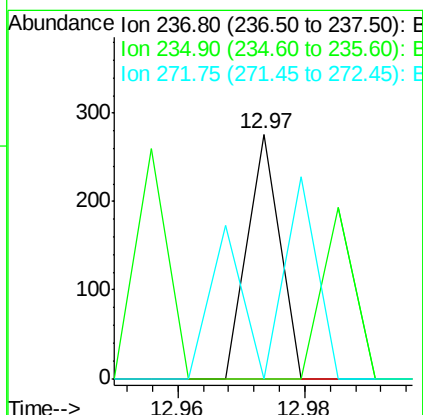
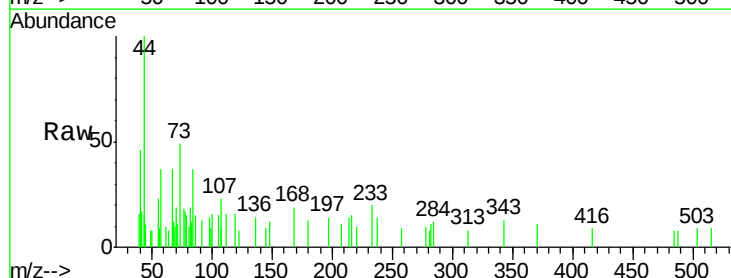
RT: 12.97 min Scan# 1725

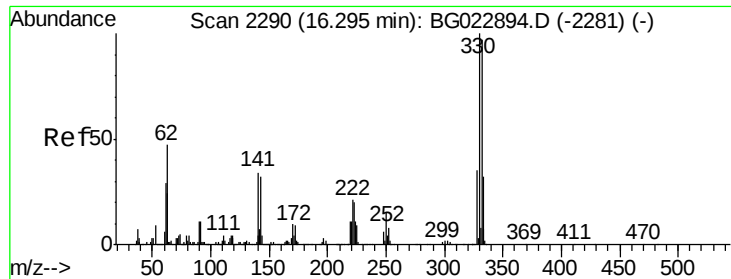
Delta R.T. 0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Tgt Ion:	237	Resp:	97
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9

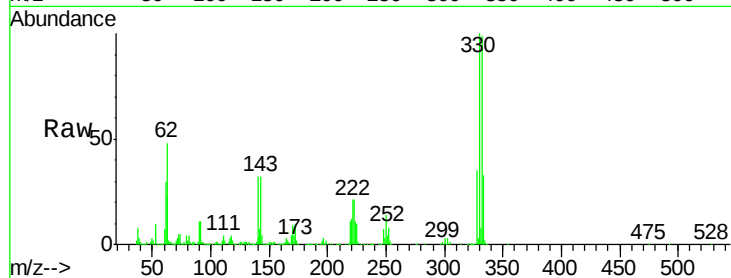




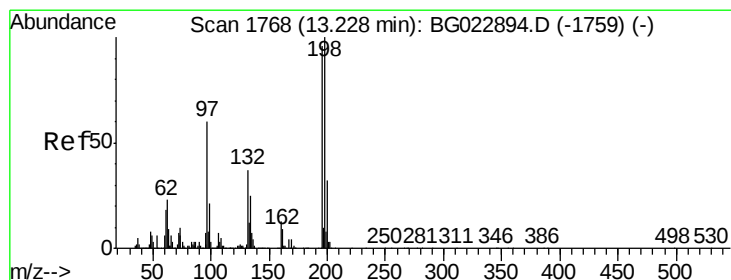
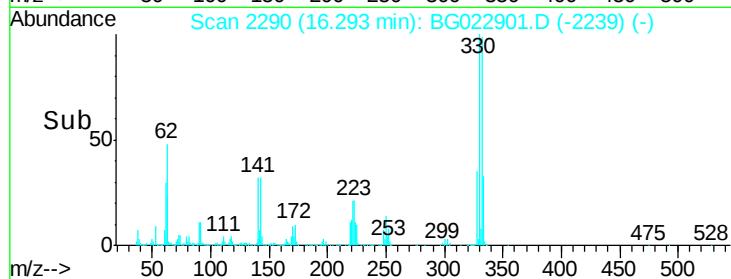
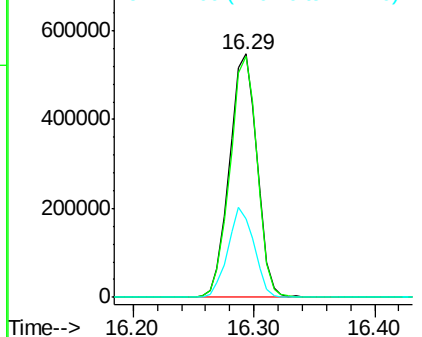
#41
 2,4,6-Tribromophenol
 Concen: 606636.81 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

Tot Ion:330 Resp: 872218
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 35.2 31.7 47.5

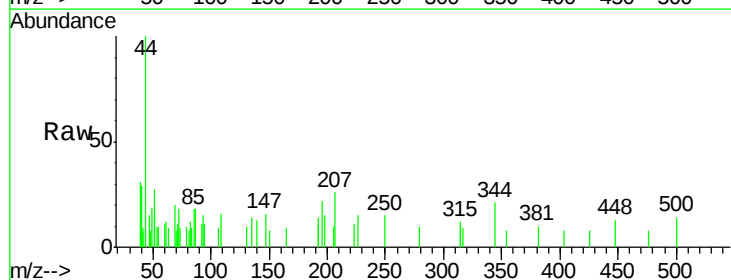


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

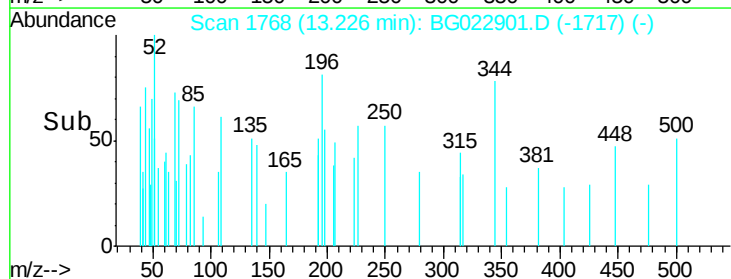
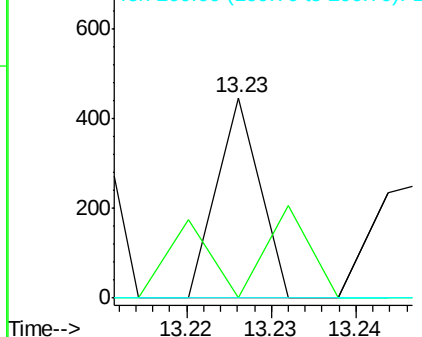


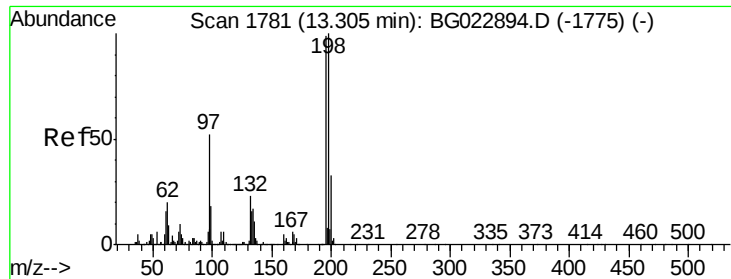
#42
 2,4,6-Trichlorophenol
 Concen: 79.74 ng
 RT: 13.23 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Tgt Ion:196 Resp: 158
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 27.0 40.4#



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

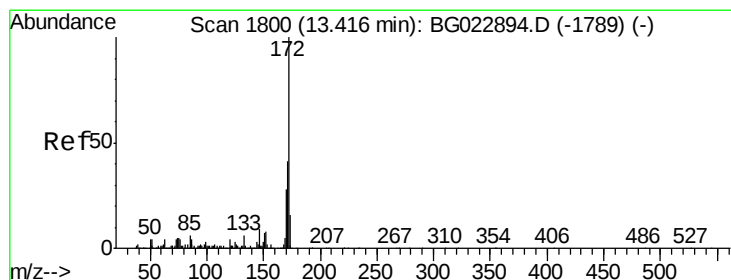
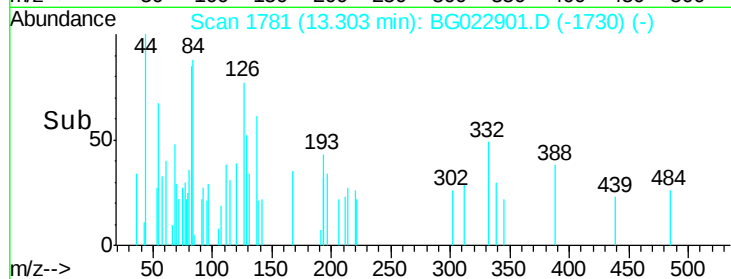
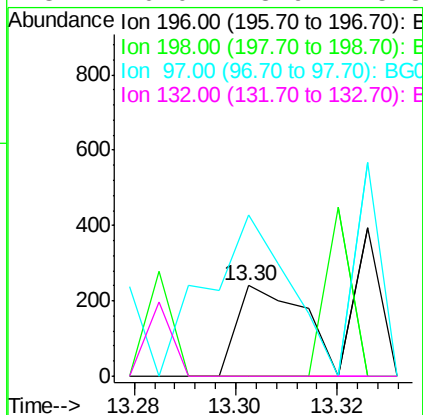
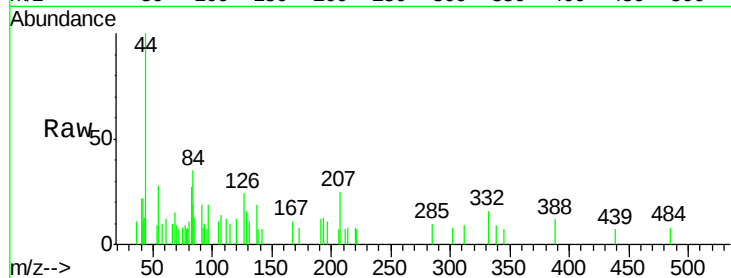




#43
2,4,5-Trichlorophenol
Concen: 108.12 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

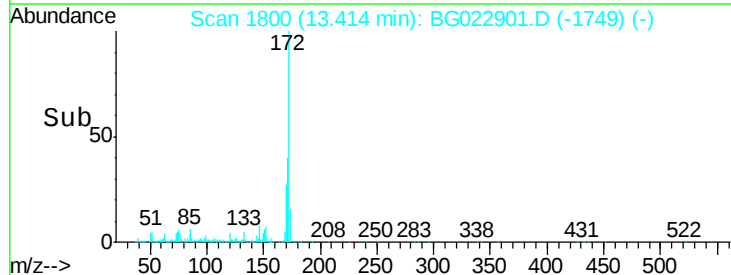
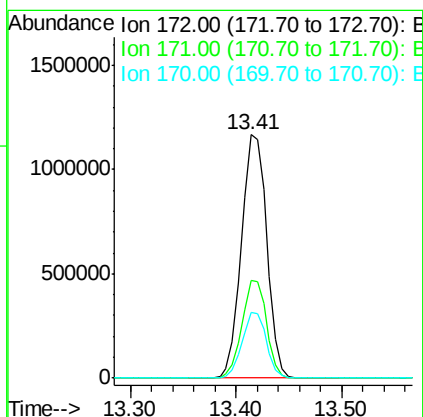
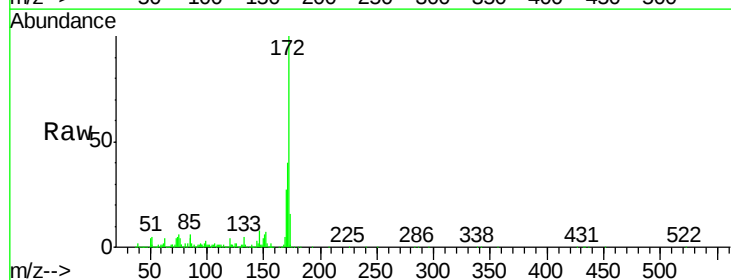
Instrument :
BNA_G
ClientSampleId :
PZ-4

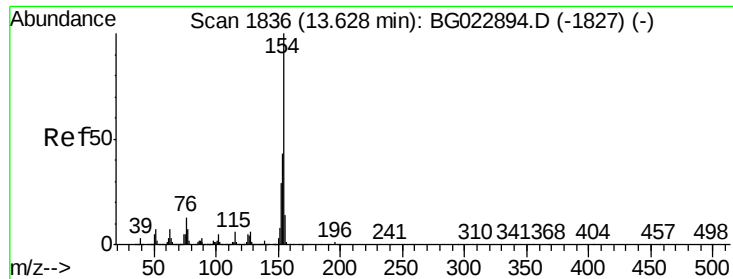
Tot Ion:196 Resp: 220
Ion Ratio Lower Upper
196 100
198 0.0 85.7 128.5#
97 178.0 45.5 68.3#
132 0.0 18.9 28.3#



#44
2-Fluorobiphenyl
Concen: 382258.88 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Tgt Ion:172 Resp: 1941467
Ion Ratio Lower Upper
172 100
171 39.9 31.6 47.4
170 26.8 21.3 31.9

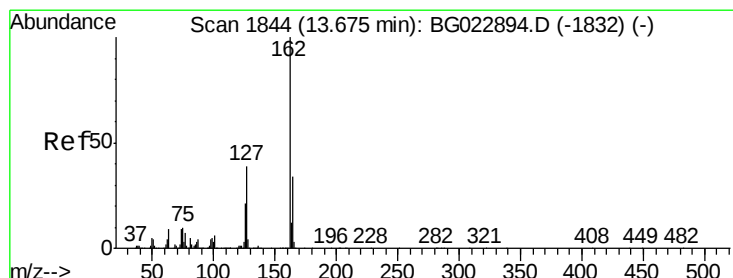
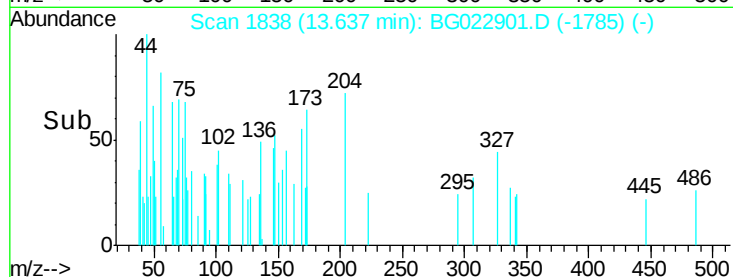
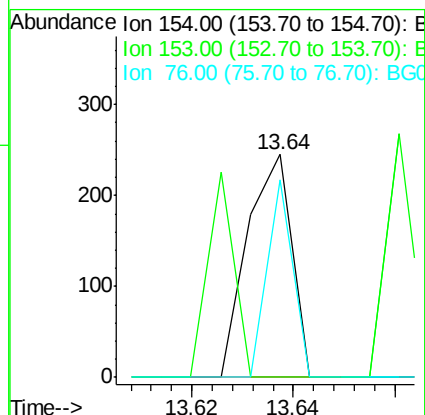
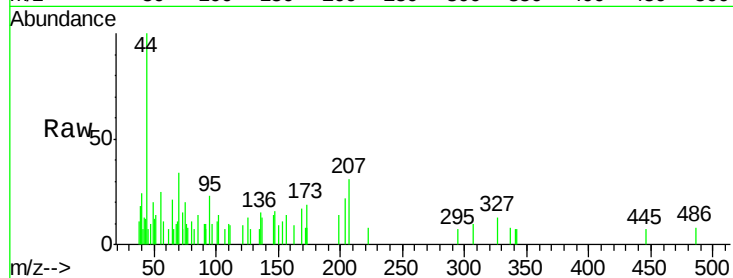




#45
 1,1'-Biphenyl
 Concen: 24.99 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

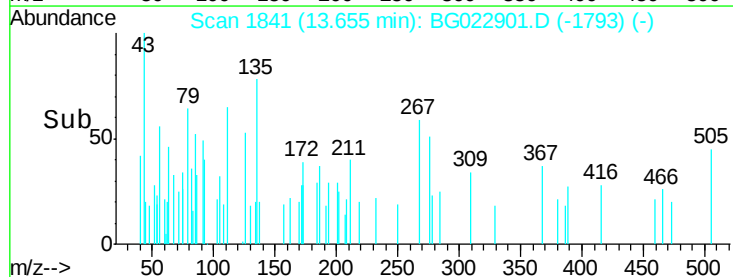
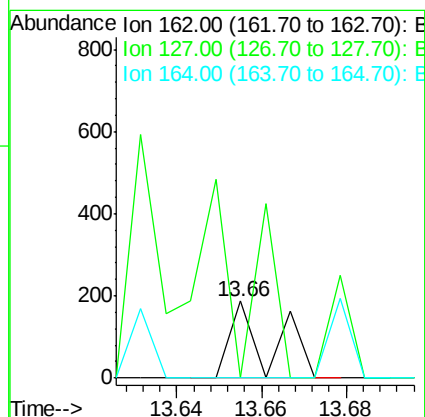
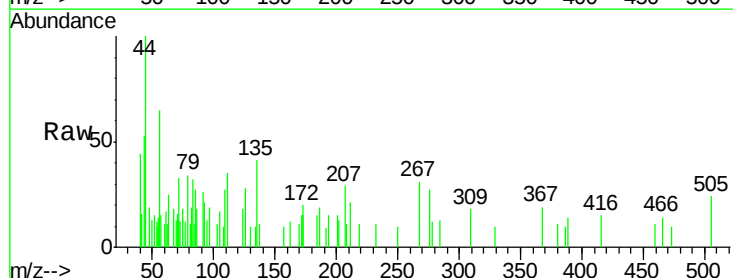
Instrument :
 BNA_G
 ClientSampled :
 PZ-4

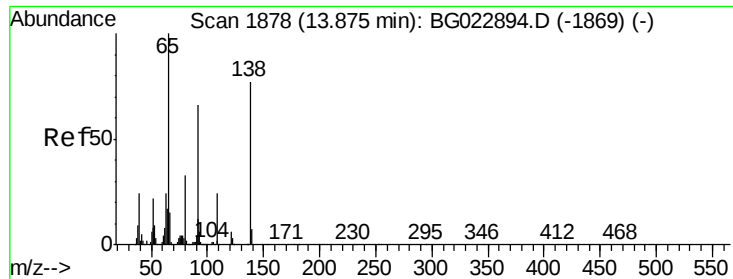
Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.2	60.2#
76	88.6	0.0	32.9#



#46
 2-Chloronaphthalene
 Concen: 25.47 ng
 RT: 13.66 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	0.0	32.4	48.6#
164	0.0	25.2	37.8#





#47

2-Nitroaniline

Concen: 138.62 ng

RT: 13.88 min Scan# 1880

Delta R.T. 0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

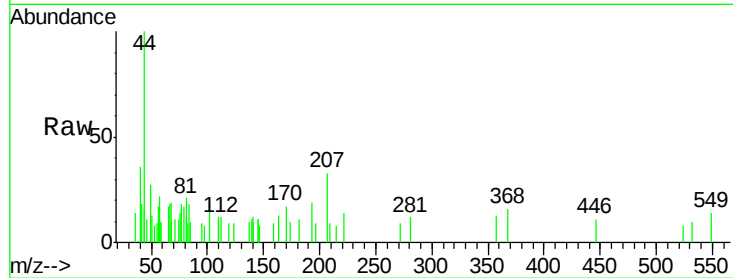
Tot Ion: 65 Resp: 288

Ion Ratio Lower Upper

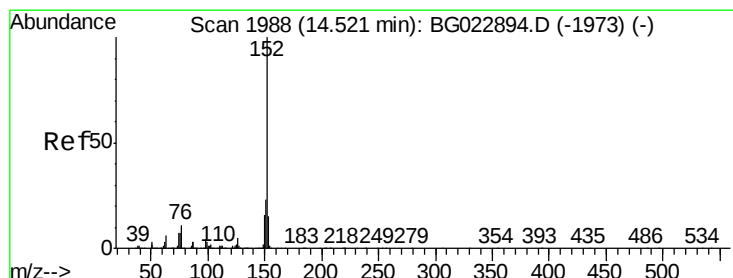
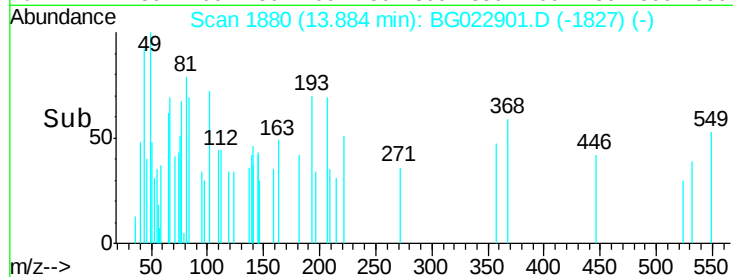
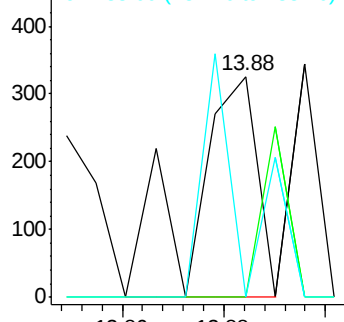
65 100

92 0.0 49.4 74.0#

138 0.0 58.0 87.0#



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



#48

Acenaphthylene

Concen: 69.00 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

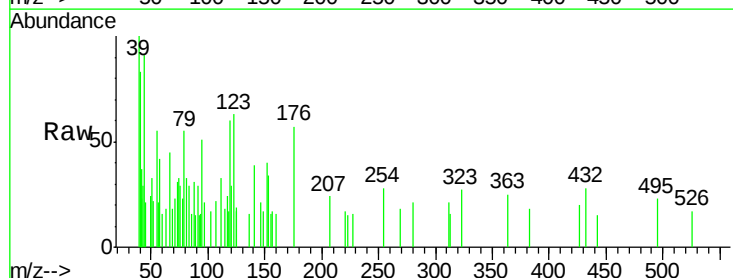
Tgt Ion: 152 Resp: 504

Ion Ratio Lower Upper

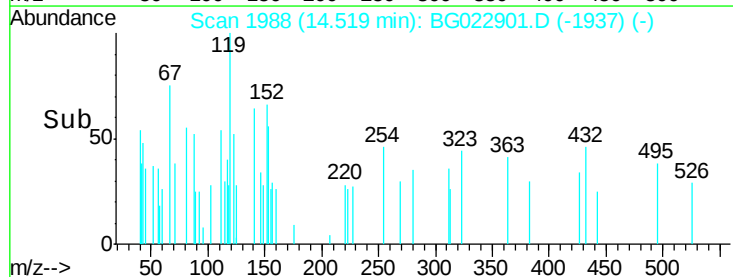
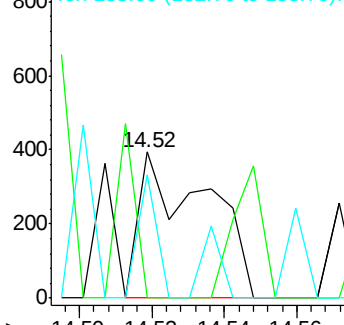
152 100

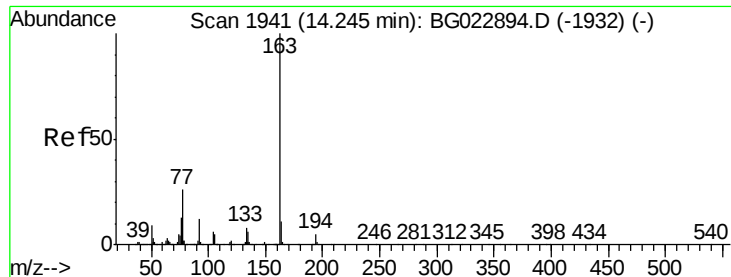
151 0.0 17.6 26.4#

153 84.8 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

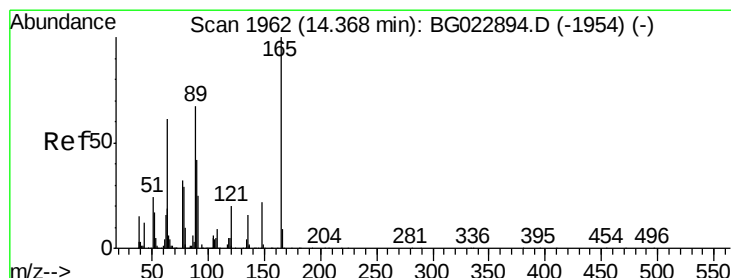
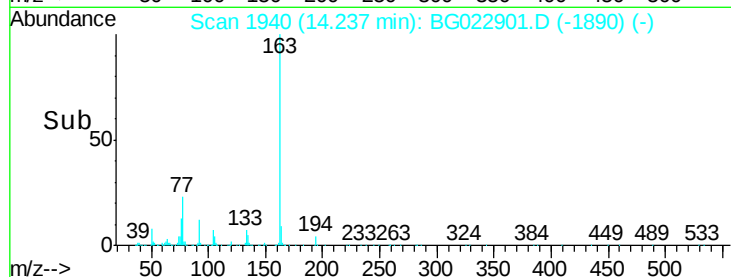
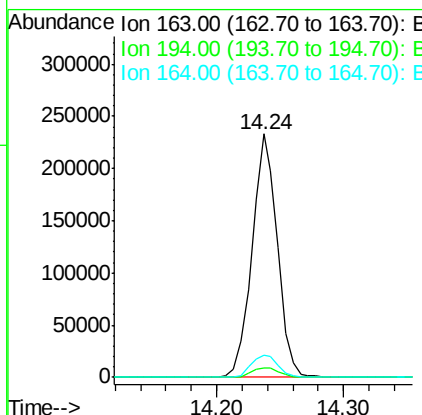
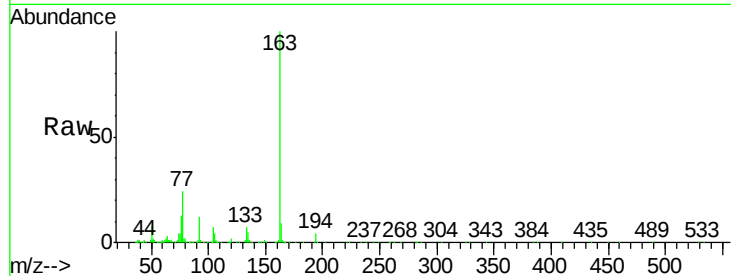




#49
Dimethylphthalate
Concen: 49508.15 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

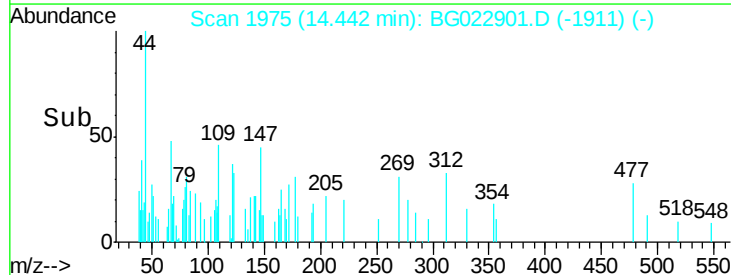
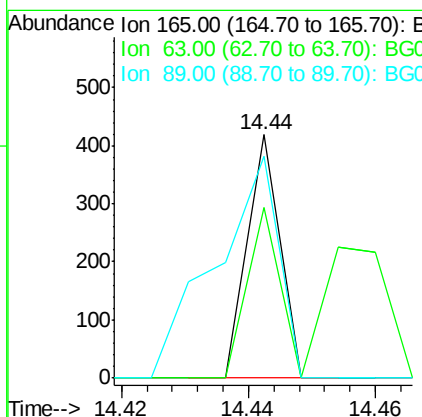
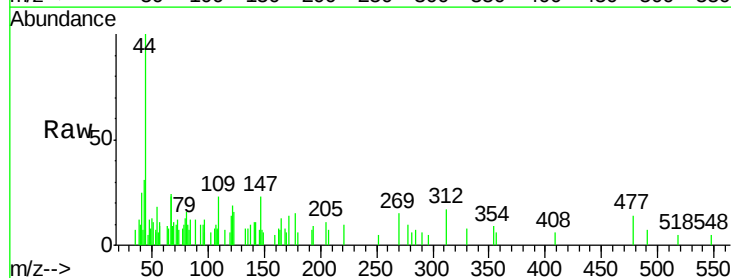
Instrument :
BNA_G
ClientSampleId :
PZ-4

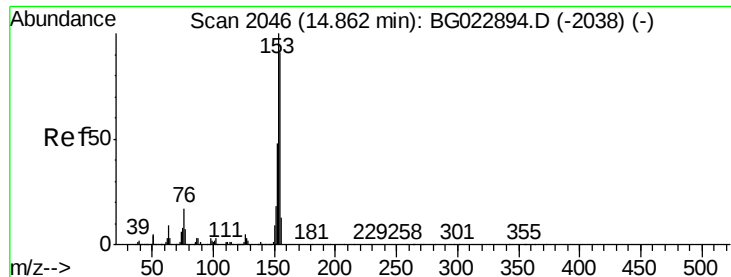
Tot Ion:163 Resp: 323531
Ion Ratio Lower Upper
163 100
194 3.9 3.6 5.4
164 9.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 100.77 ng
RT: 14.44 min Scan# 1975
Delta R.T. 0.07 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Tgt Ion:165 Resp: 148
Ion Ratio Lower Upper
165 100
63 70.2 64.3 96.5
89 91.2 64.3 96.5





#51

Acenaphthene

Concen: 465.11 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

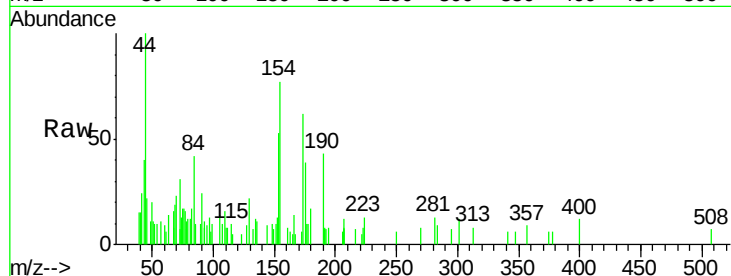
Tot Ion:154 Resp: 2220

Ion Ratio Lower Upper

154 100

153 68.8 87.5 131.3#

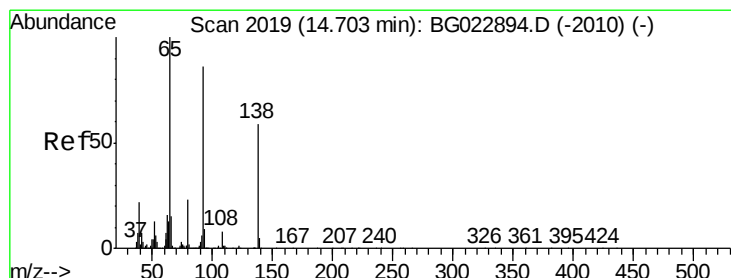
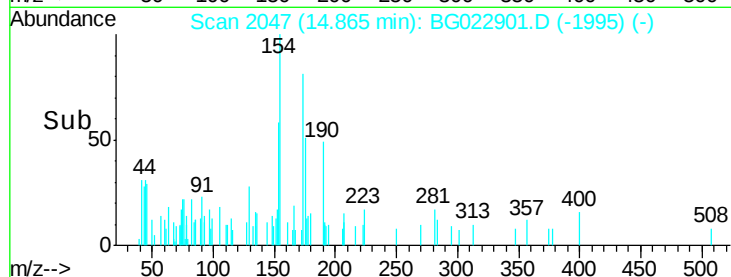
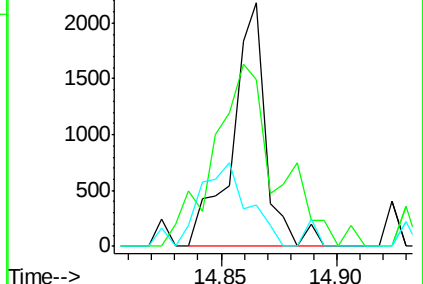
152 17.0 42.7 64.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 215.78 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

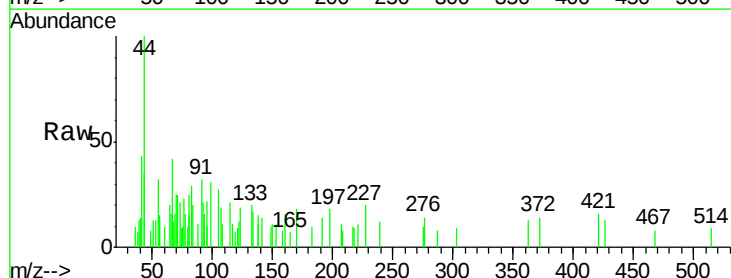
Tgt Ion:138 Resp: 316

Ion Ratio Lower Upper

138 100

108 0.0 11.7 17.5#

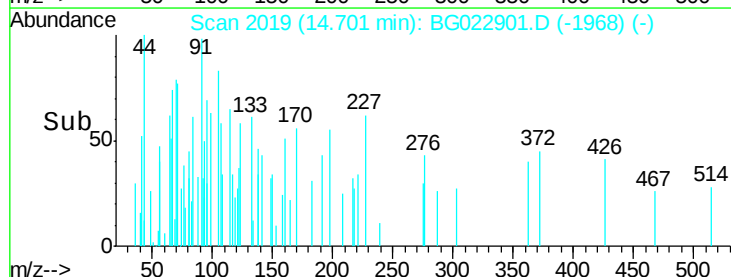
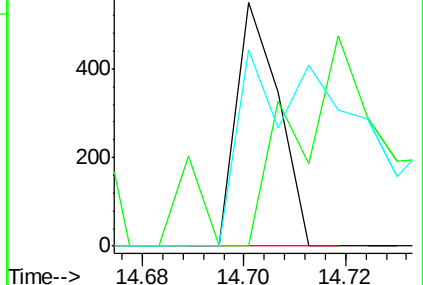
92 80.9 129.7 194.5#

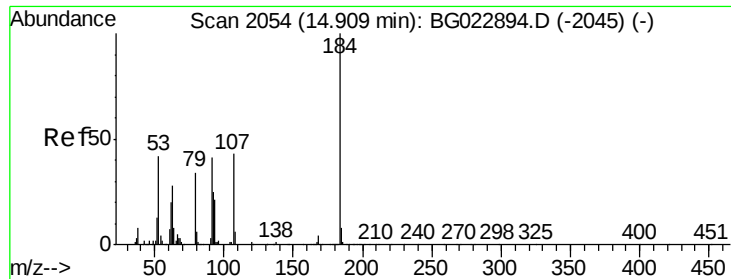


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 54.58 ng

RT: 14.88 min Scan# 2049

Delta R.T. -0.03 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

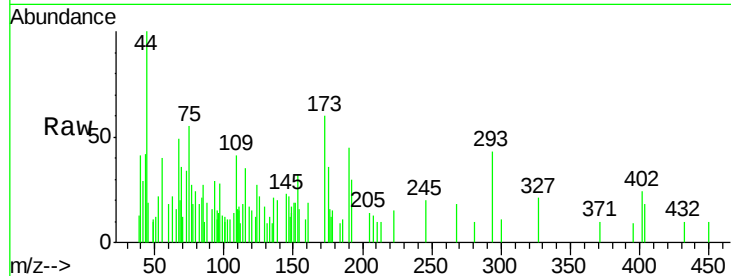
Tot Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 250.3 59.6 89.4#

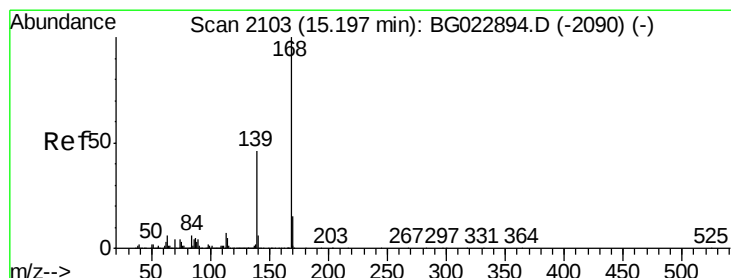
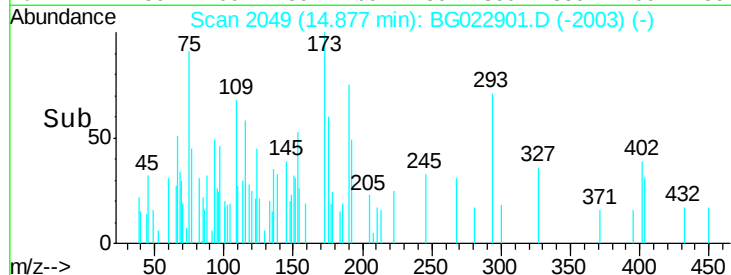
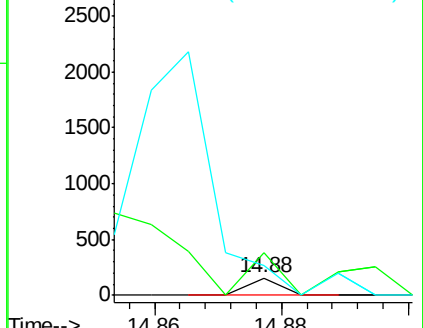
154 174.2 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 106.52 ng

RT: 15.19 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

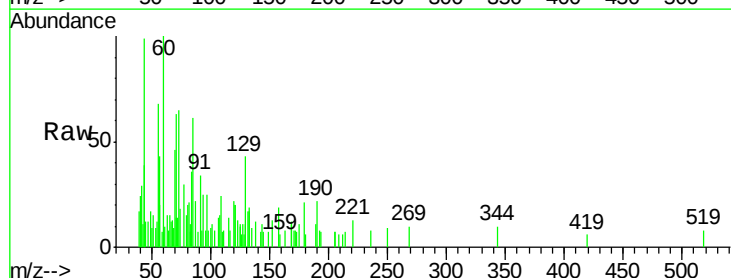
Tgt Ion:168 Resp: 761

Ion Ratio Lower Upper

168 100

139 0.0 36.4 54.6#

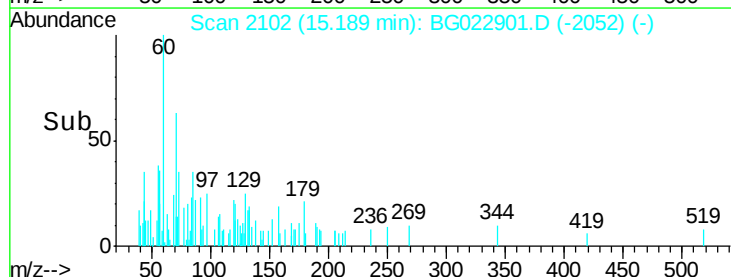
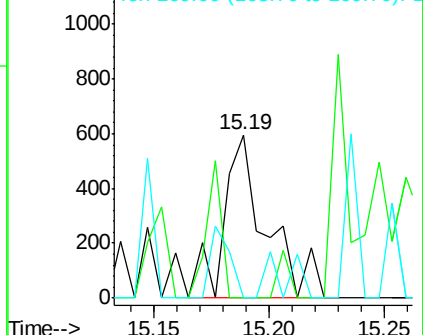
169 0.0 11.9 17.9#

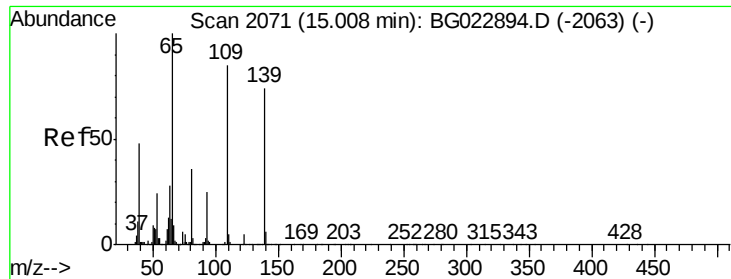


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

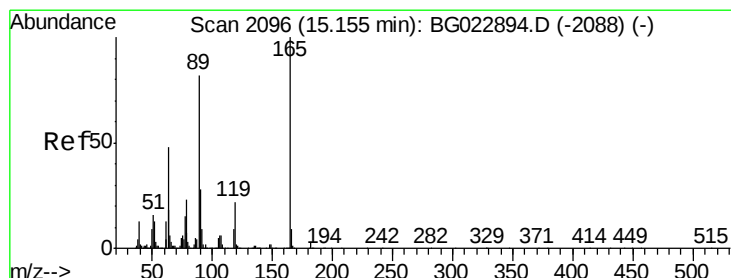
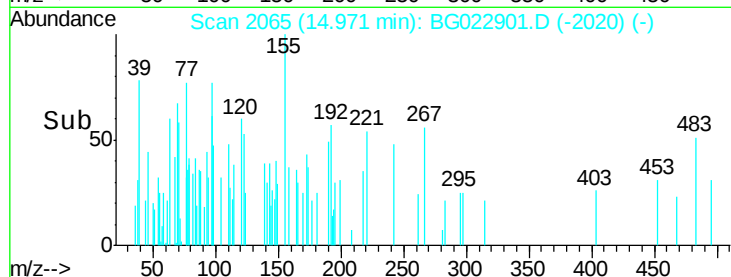
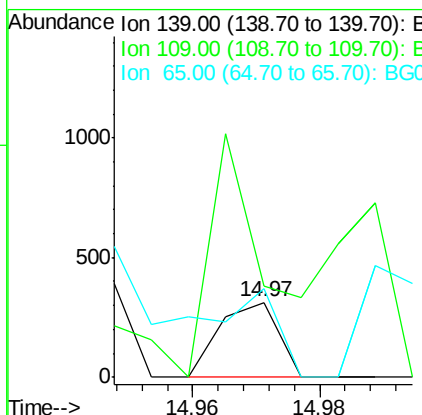
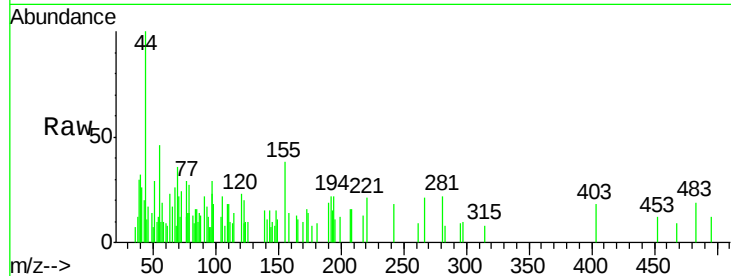




#55
4-Nitrophenol
Concen: 162.93 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.04 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

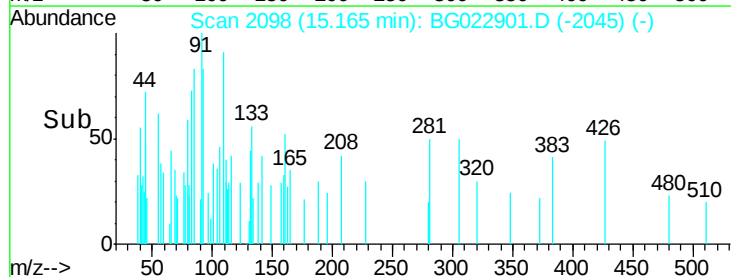
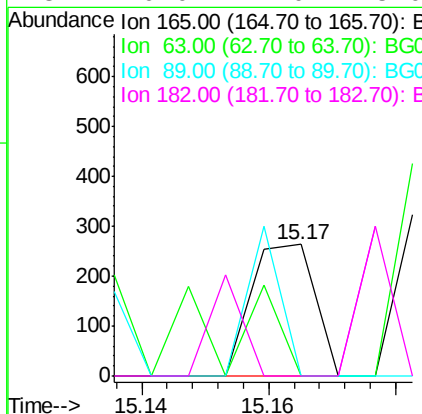
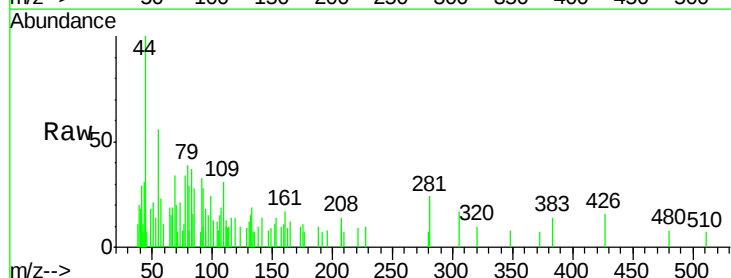
Instrument :
BNA_G
ClientSampleId :
PZ-4

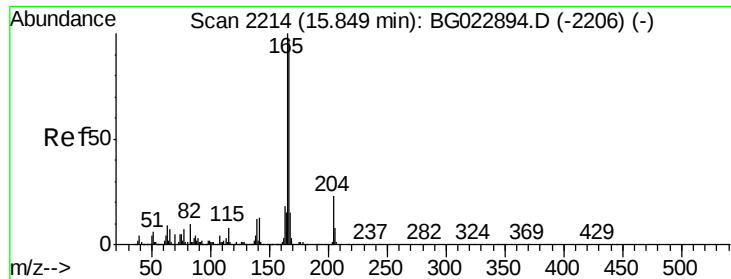
Tot Ion:139 Resp: 200
Ion Ratio Lower Upper
139 100
109 121.7 103.0 143.0
65 118.5 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 85.47 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Tgt Ion:165 Resp: 183
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.6#
89 0.0 68.6 102.8#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 162.62 ng

RT: 15.83 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

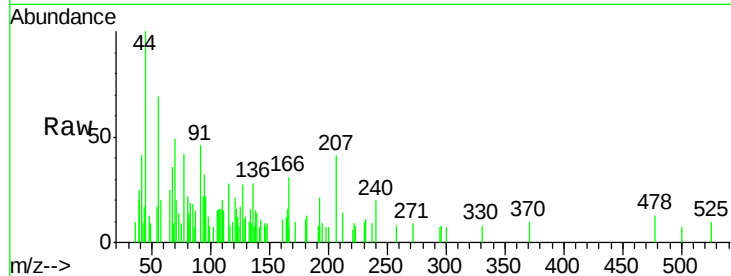
Tot Ion:166 Resp: 1000

Ion Ratio Lower Upper

166 100

165 49.8 81.0 121.6#

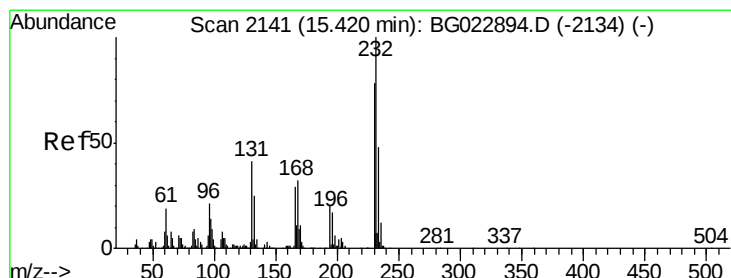
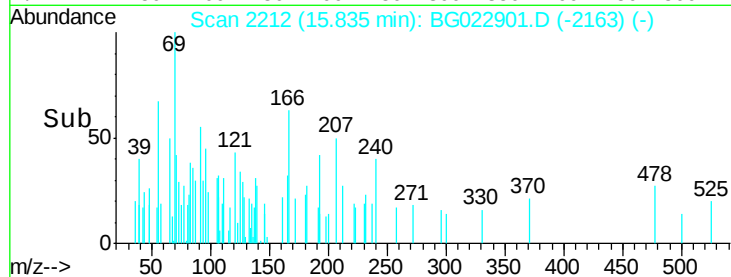
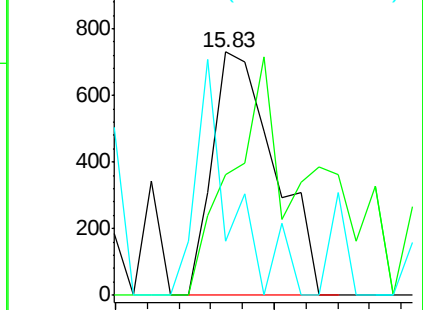
167 22.2 12.0 18.0#



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: 26.03 ng

RT: 15.39 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Tgt Ion:232 Resp: 53

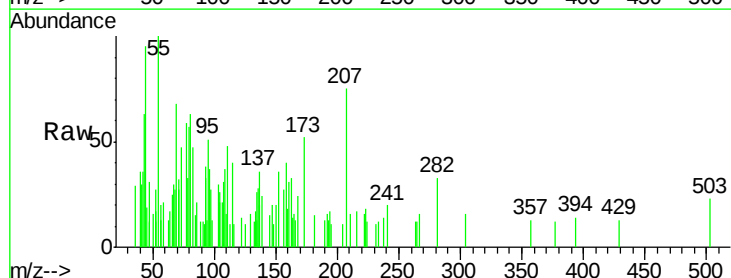
Ion Ratio Lower Upper

232 100

131 245.3 32.7 49.1#

130 0.0 2.6 3.8#

166 126.4 23.0 34.6#

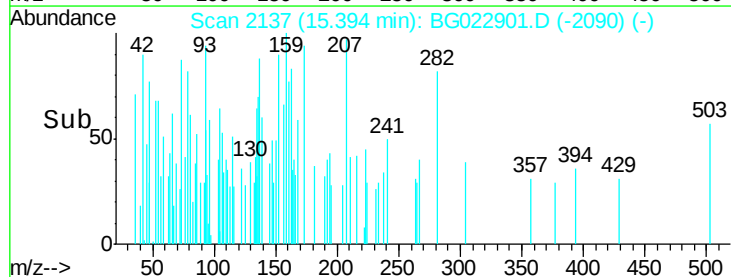
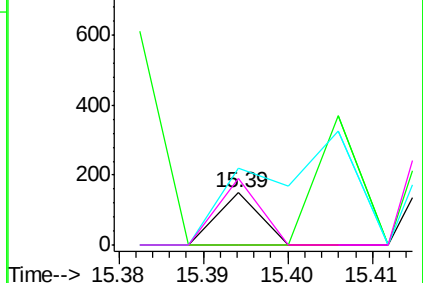


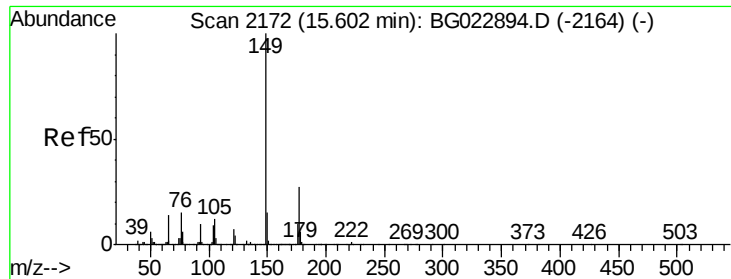
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 620.83 ng

RT: 15.59 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

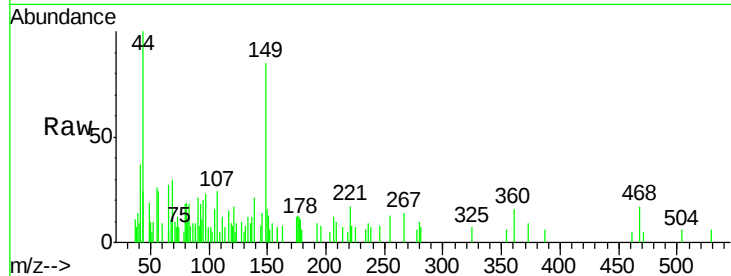
Tot Ion:149 Resp: 4128

Ion Ratio Lower Upper

149 100

177 26.4 19.2 28.8

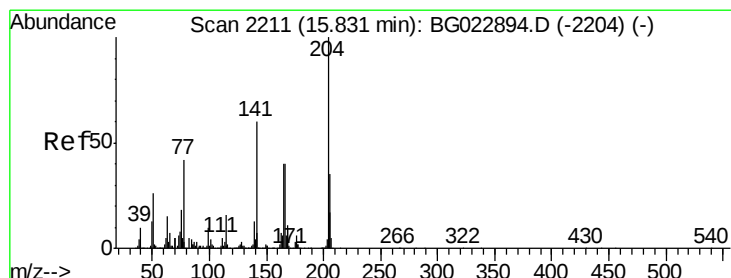
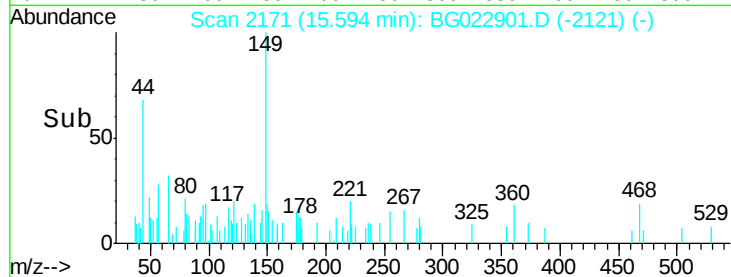
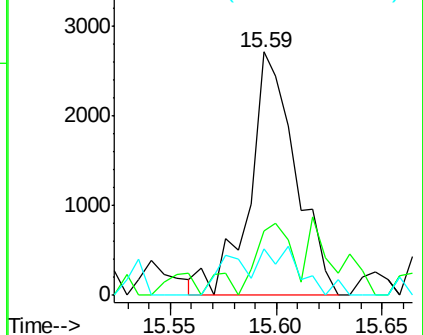
150 18.9 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 17.62 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

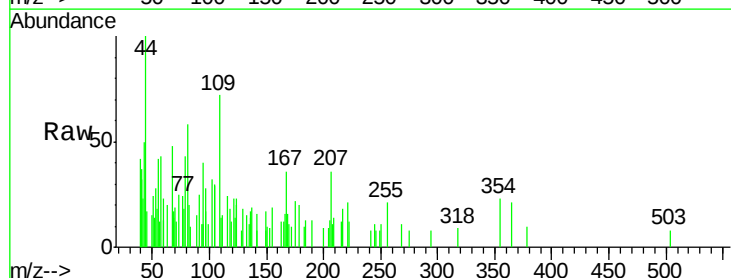
Tgt Ion:204 Resp: 66

Ion Ratio Lower Upper

204 100

206 0.0 28.5 42.7#

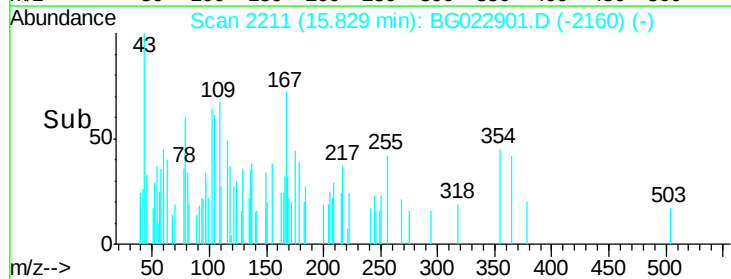
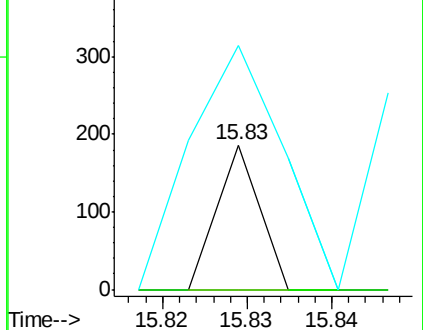
141 168.8 51.4 77.0#

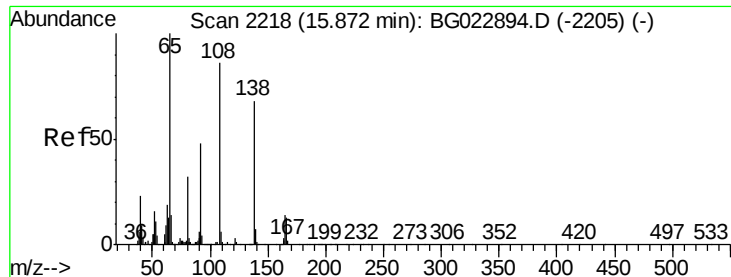


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

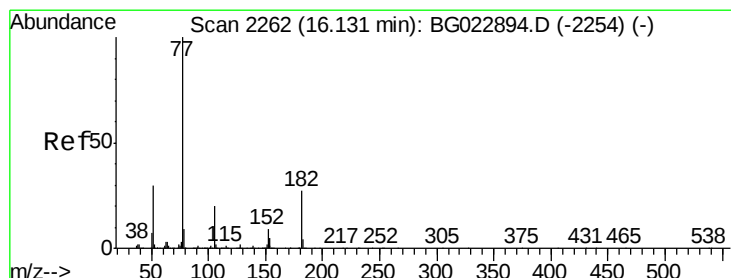
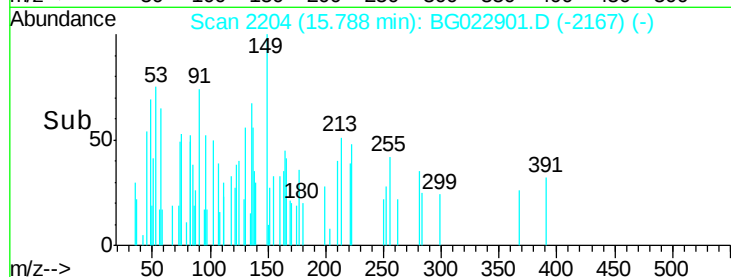
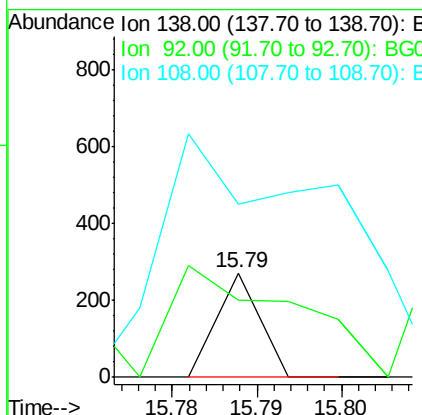
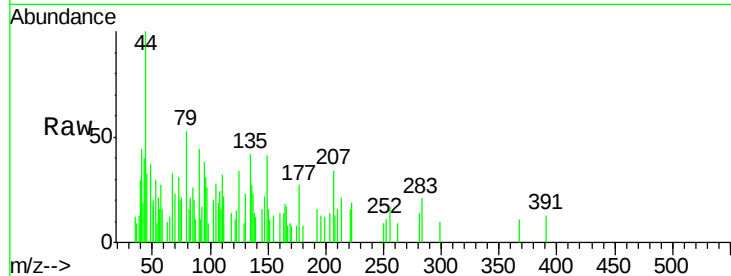




#61
4-Nitroaniline
Concen: 60.58 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.08 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

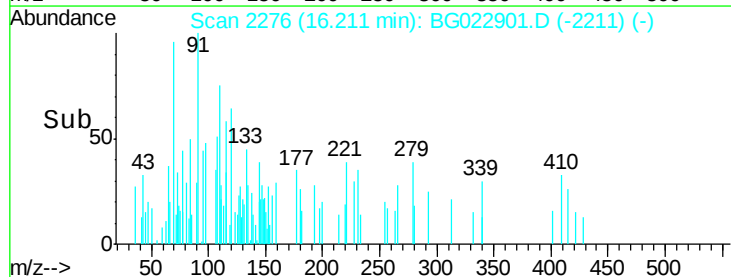
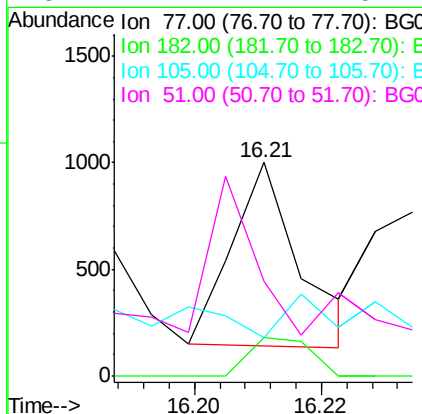
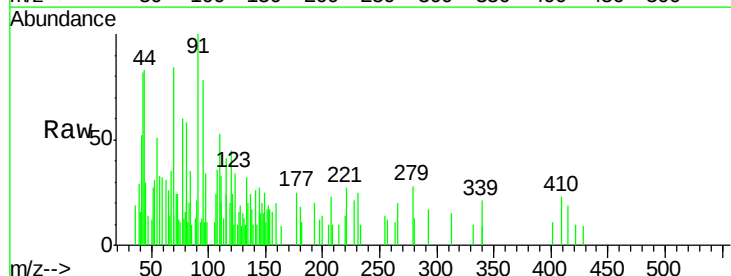
Instrument :
BNA_G
ClientSampleId :
PZ-4

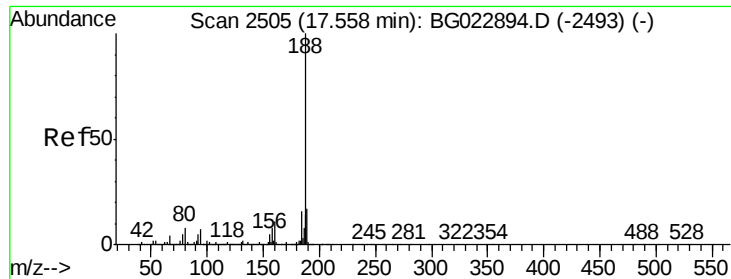
Tot Ion:138 Resp: 96
Ion Ratio Lower Upper
138 100
92 73.8 54.1 94.1
108 165.7 133.9 173.9



#62
Azobenzene
Concen: 99.37 ng
RT: 16.21 min Scan# 2276
Delta R.T. 0.08 min
Lab File: BG022901.D
Acq: 7 Jul 2016 18:42

Tgt Ion: 77 Resp: 632
Ion Ratio Lower Upper
77 100
182 18.3 3.5 43.5
105 18.2 0.0 38.5
51 44.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

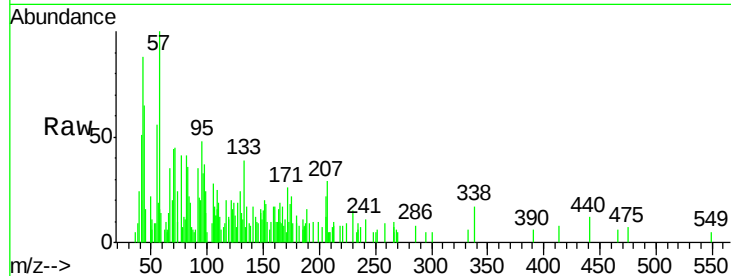
Tot Ion:188 Resp: 340

Ion Ratio Lower Upper

188 100

94 231.8 5.2 7.8#

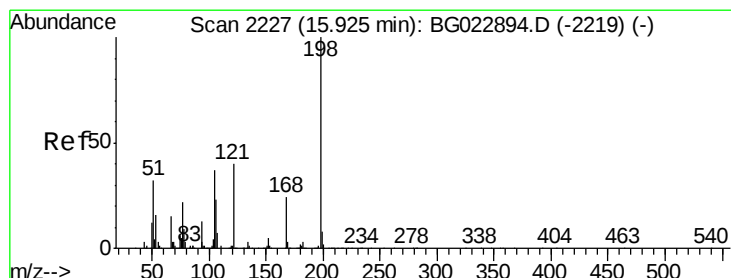
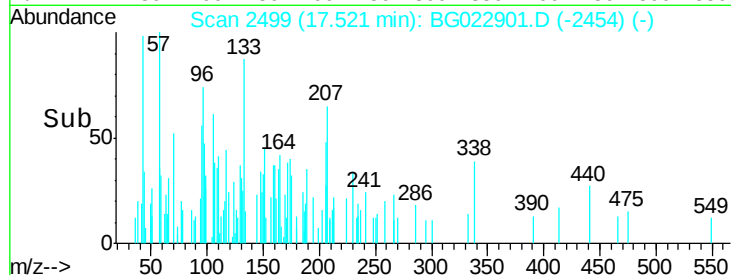
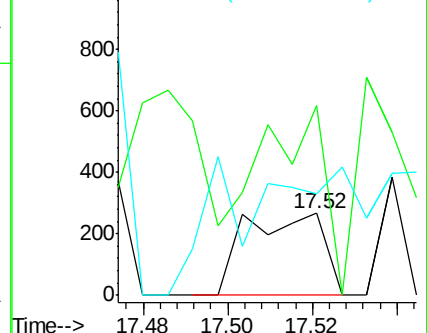
80 124.3 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

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: 26.51 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

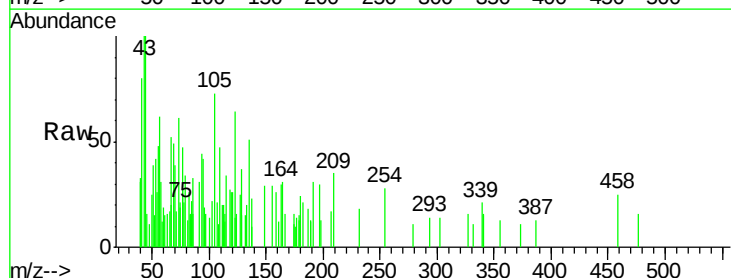
Tgt Ion:198 Resp: 67

Ion Ratio Lower Upper

198 100

51 304.2 26.0 66.0#

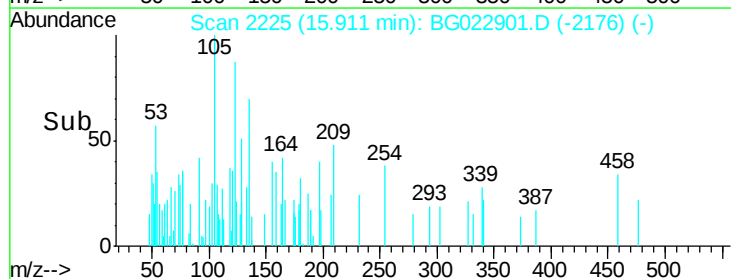
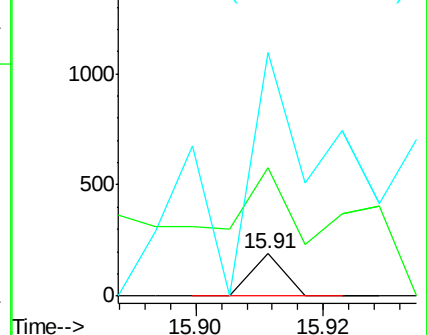
105 579.4 20.1 60.1#

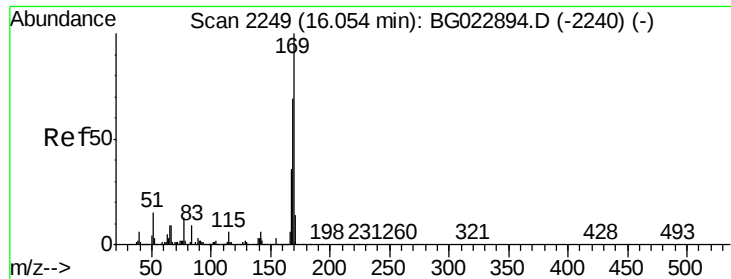


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

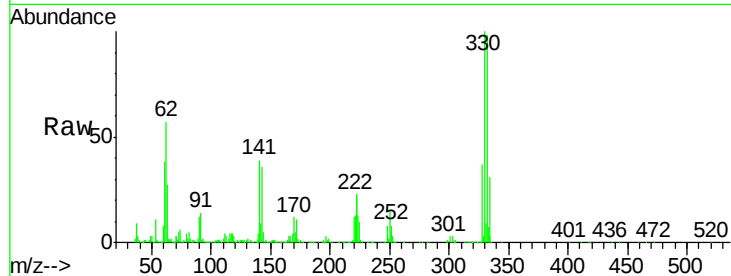




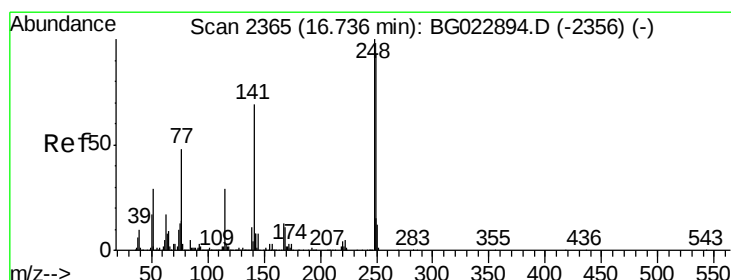
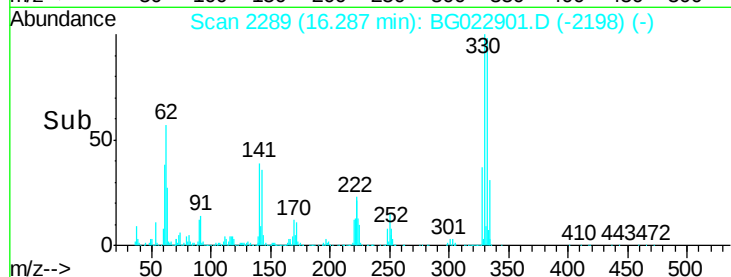
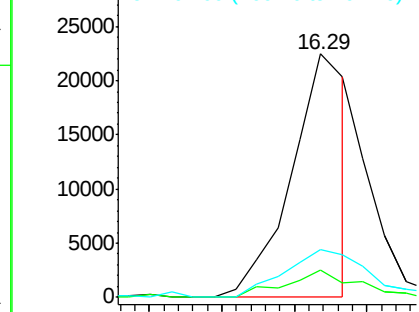
#65
 n-Nitrosodiphenylamine
 Concen: 2454.15 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.23 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

Tot Ion:169 Resp: 24040
 Ion Ratio Lower Upper
 169 100
 168 11.3 55.0 82.4#
 167 19.6 27.4 41.0#

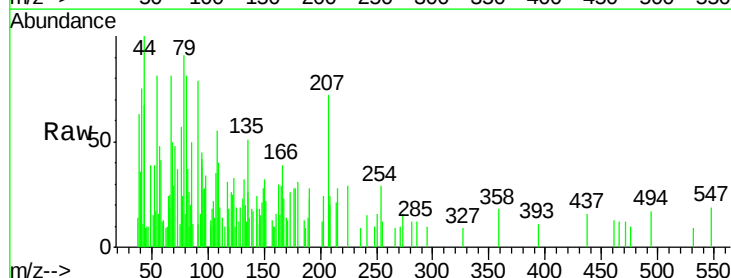


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

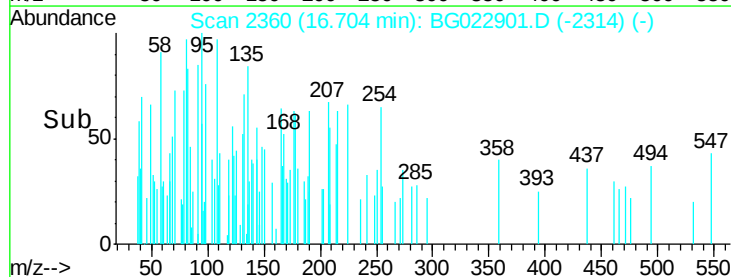
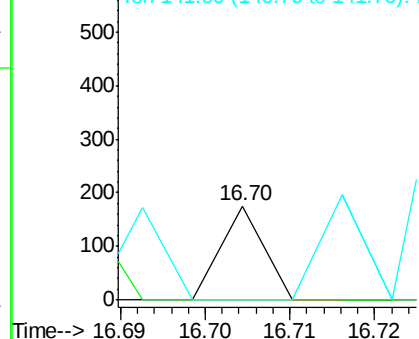


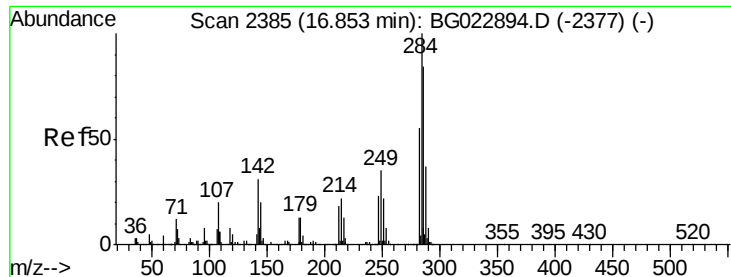
#66
 4-Bromophenyl-phenylether
 Concen: 14.02 ng
 RT: 16.70 min Scan# 2360
 Delta R.T. -0.03 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Tgt Ion:248 Resp: 62
 Ion Ratio Lower Upper
 248 100
 250 0.0 77.8 116.8#
 141 0.0 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: 11.64 ng

RT: 16.82 min Scan# 2379

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

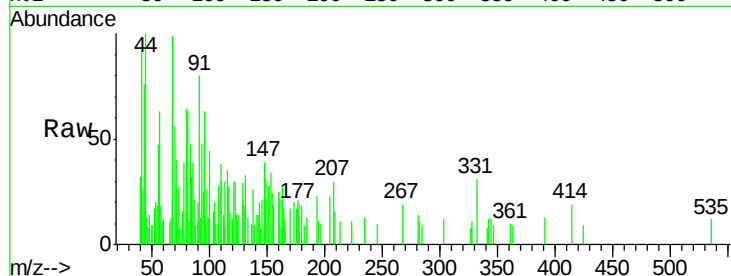
Instrument :

BNA_G

ClientSampled :

PZ-4

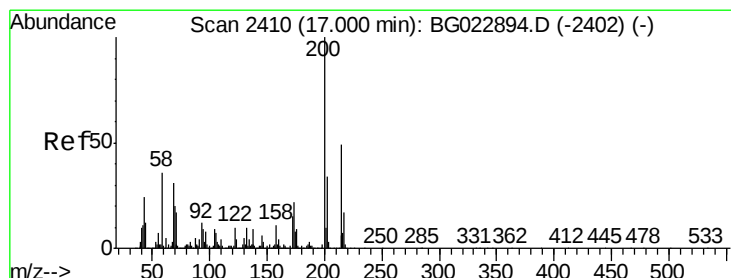
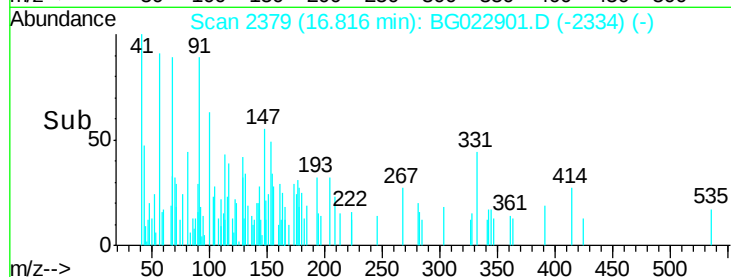
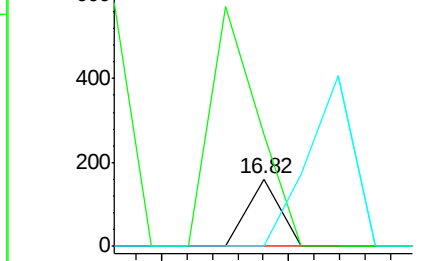
Tot Ion:284	Resp:	56
Ion Ratio	Lower	Upper
284	100	
142	166.3	26.8 40.2#
249	0.0	28.9 43.3#



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: 14.50 ng

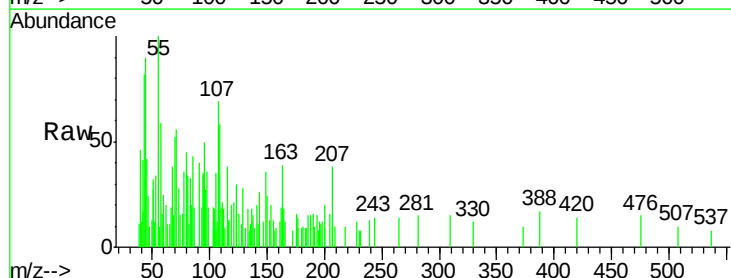
RT: 16.96 min Scan# 2403

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

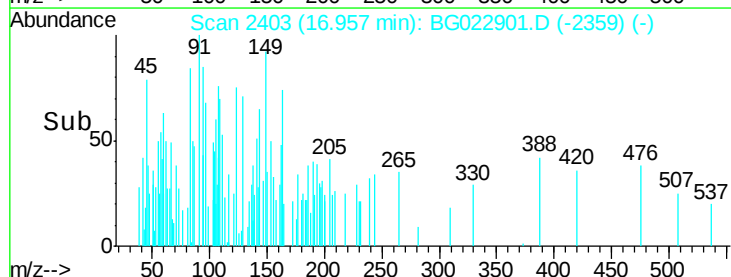
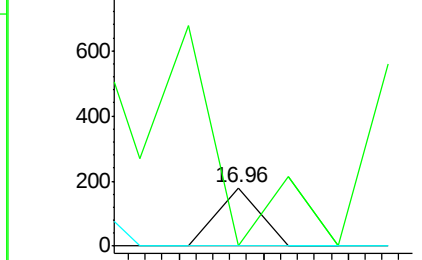
Tgt Ion:200	Resp:	63
Ion Ratio	Lower	Upper
200	100	
173	0.0	1.6 41.6#
215	0.0	28.7 68.7#

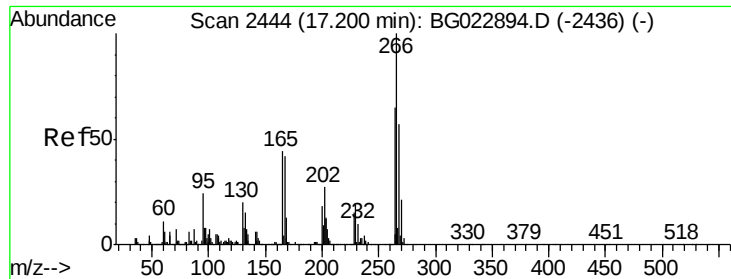


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

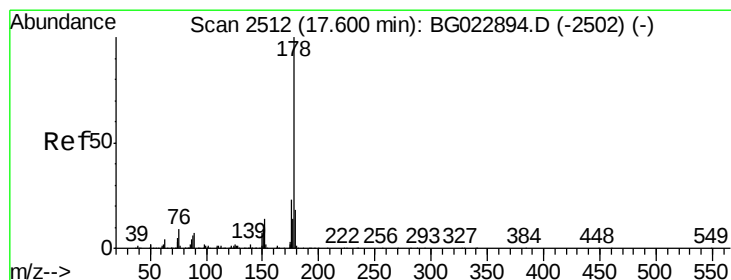
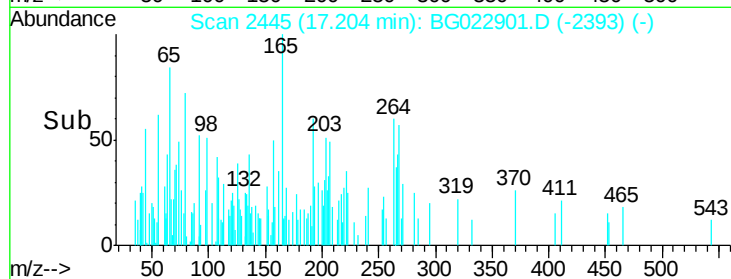
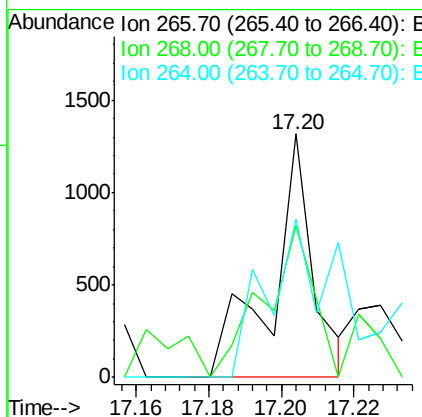
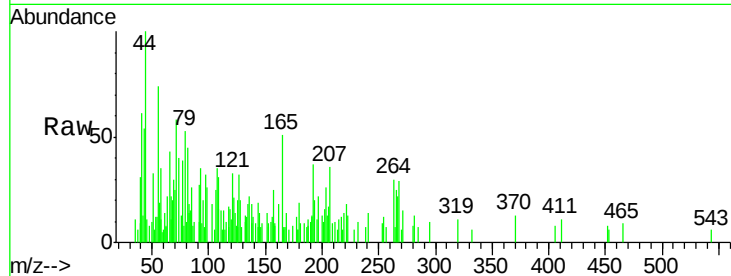




#69
 Pentachlorophenol
 Concen: 331.97 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

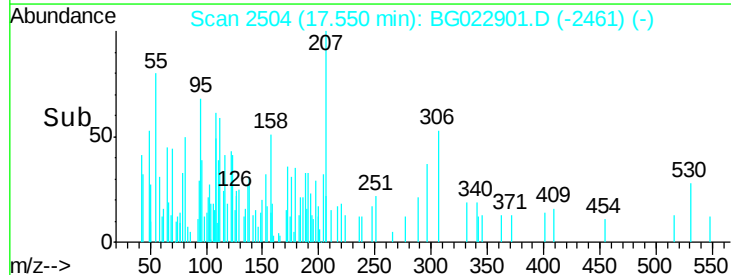
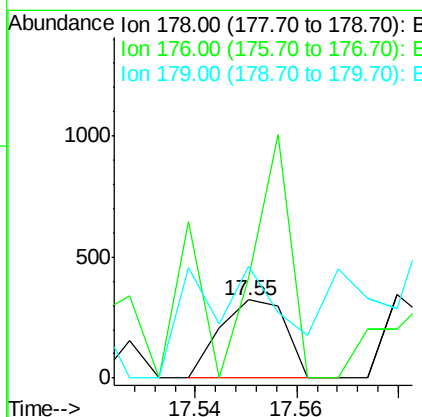
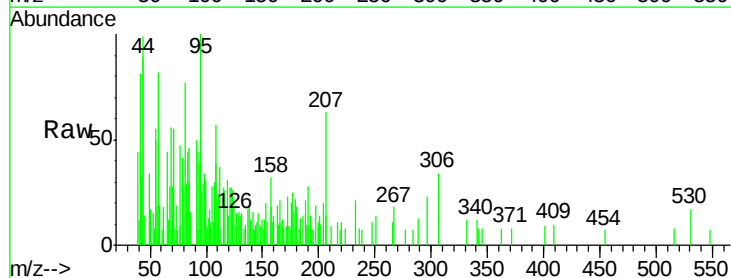
Instrument :
 BNA_G
 ClientSampled :
 PZ-4

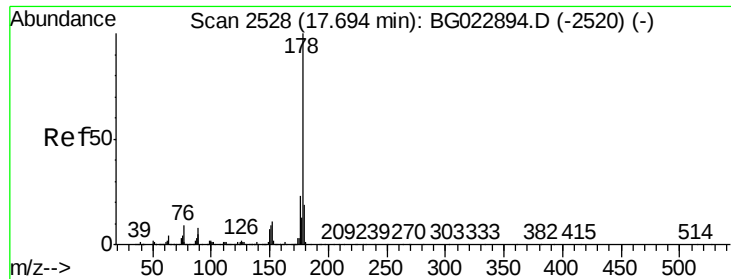
Tot Ion:266 Resp: 1034
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.9 77.9
 264 64.9 50.6 75.8



#70
 Phenanthrene
 Concen: 17.52 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. -0.05 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Tgt Ion:178 Resp: 292
 Ion Ratio Lower Upper
 178 100
 176 128.4 16.8 25.2#
 179 142.9 14.3 21.5#





#71

Anthracene

Concen: 70.23 ng

RT: 17.65 min Scan# 2521

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

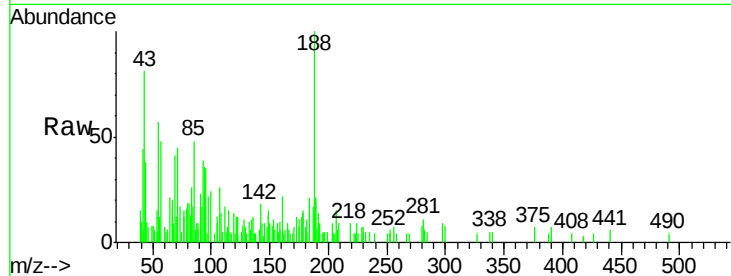
Tot Ion:178 Resp: 1185

Ion Ratio Lower Upper

178 100

176 0.0 17.3 25.9#

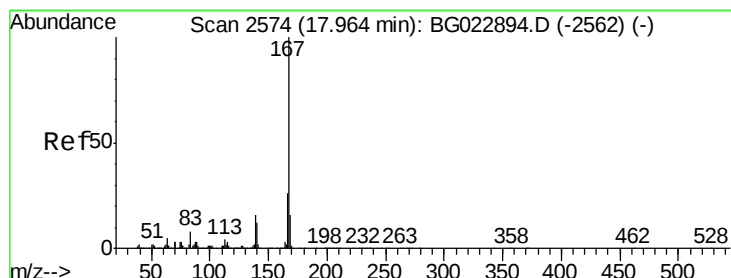
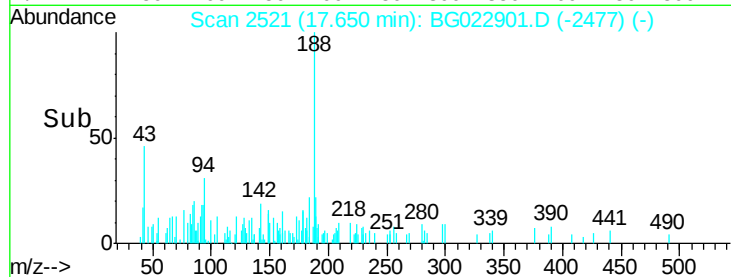
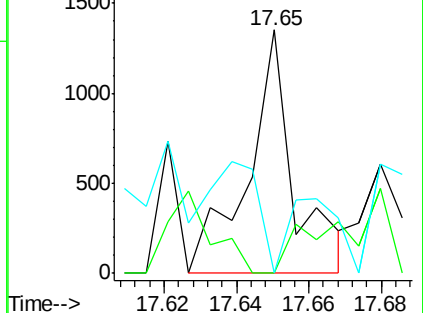
179 0.0 14.0 21.0#



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: 18.45 ng

RT: 17.90 min Scan# 2564

Delta R.T. -0.06 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

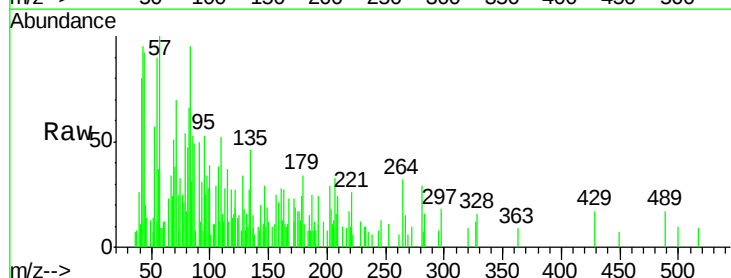
Tgt Ion:167 Resp: 269

Ion Ratio Lower Upper

167 100

166 45.4 20.7 31.1#

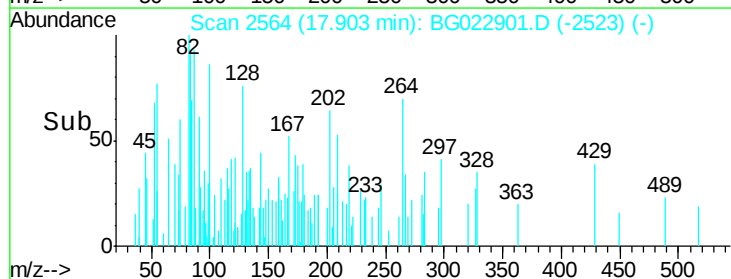
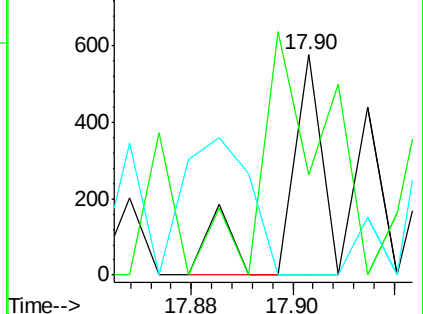
139 0.0 11.9 17.9#

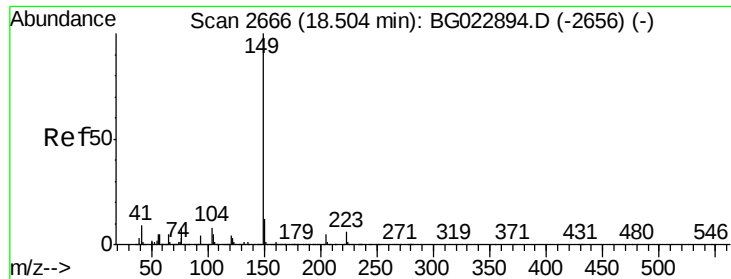


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 1413.90 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

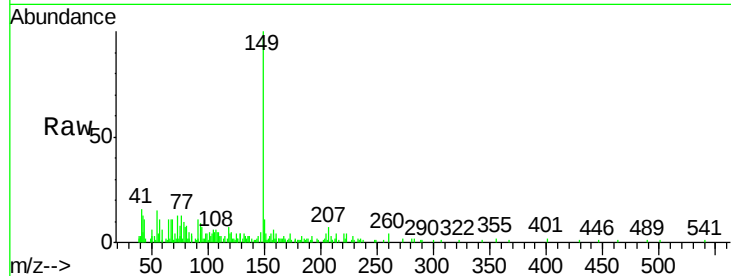
Tot Ion:149 Resp: 22924

Ion Ratio Lower Upper

149 100

150 11.2 9.1 13.7

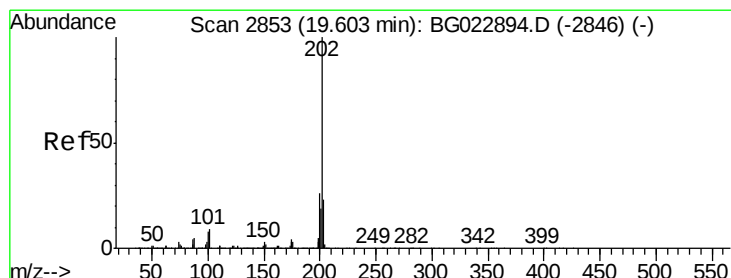
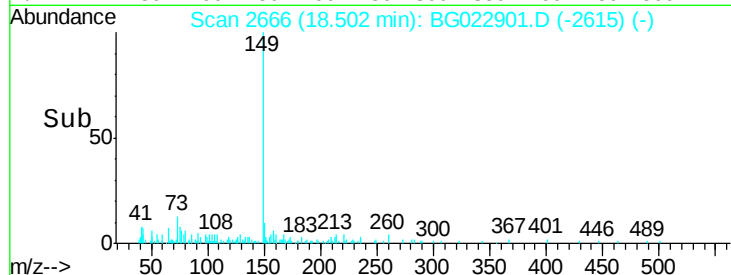
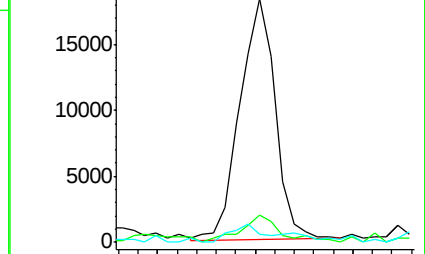
104 3.6 6.9 10.3#



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: 50.57 ng

RT: 19.47 min Scan# 2830

Delta R.T. -0.14 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

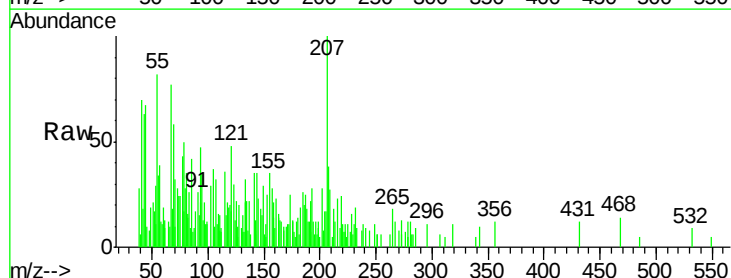
Tgt Ion:202 Resp: 1034

Ion Ratio Lower Upper

202 100

101 0.0 0.0 27.4

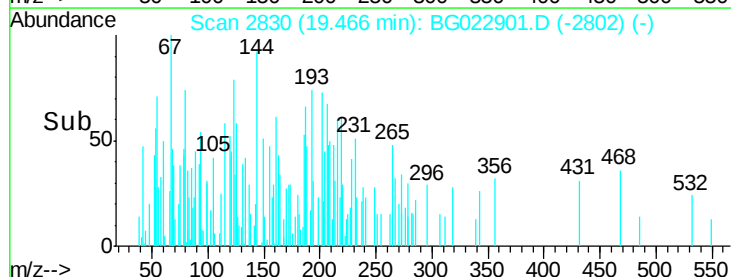
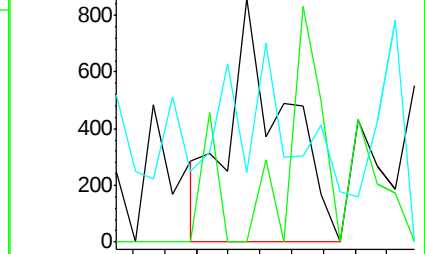
203 28.5 1.7 41.7

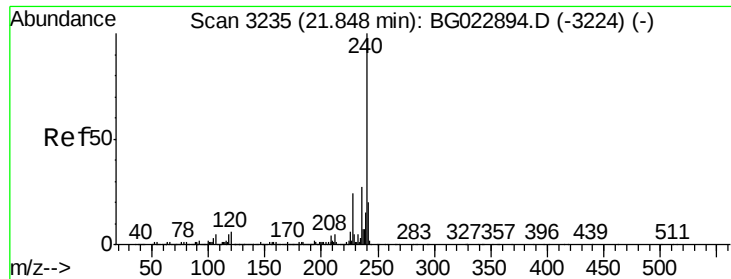


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.80 min Scan# 3227

Delta R.T. -0.05 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

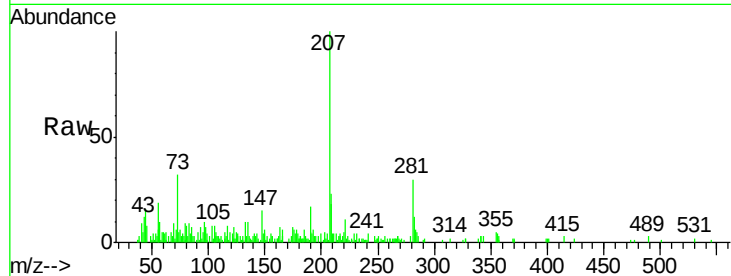
Tot Ion:240 Resp: 137

Ion Ratio Lower Upper

240 100

120 0.0 4.1 6.1#

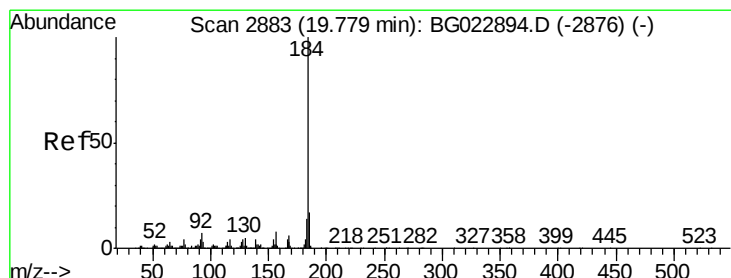
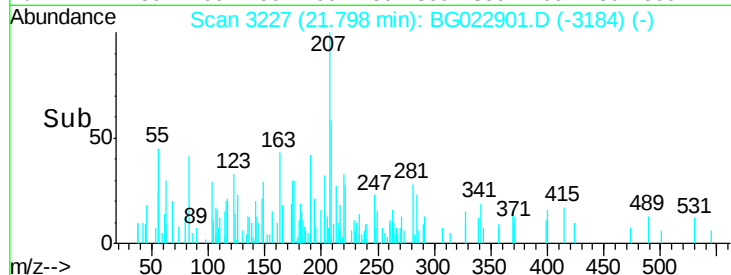
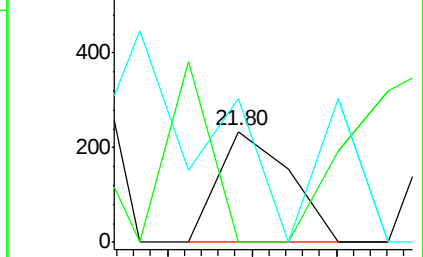
236 129.5 21.1 31.7#



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: 211.33 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.07 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

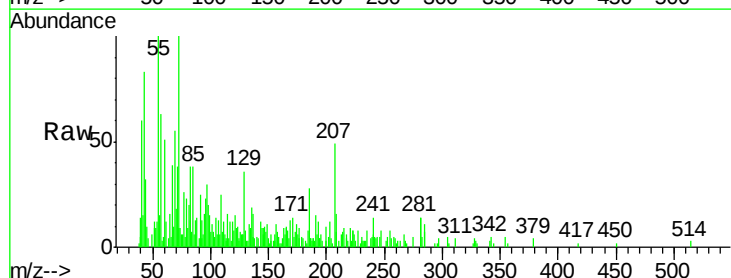
Tgt Ion:184 Resp: 830

Ion Ratio Lower Upper

184 100

185 345.2 12.6 19.0#

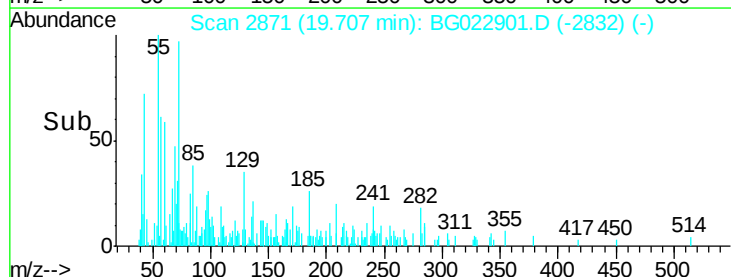
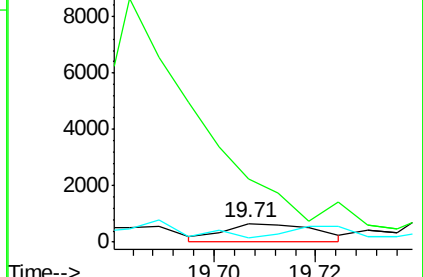
183 25.3 10.7 16.1#

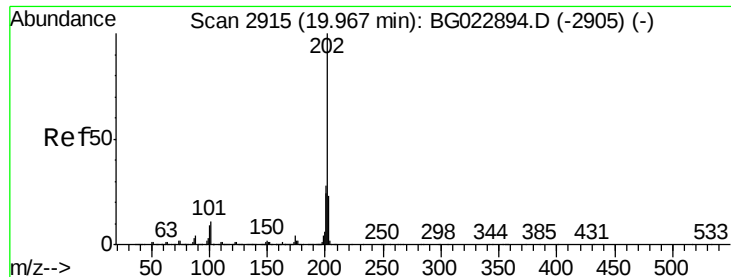


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 453.84 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

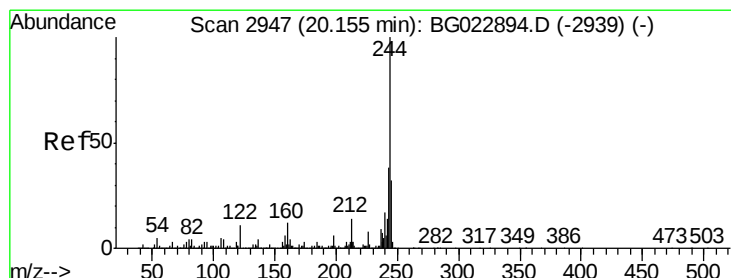
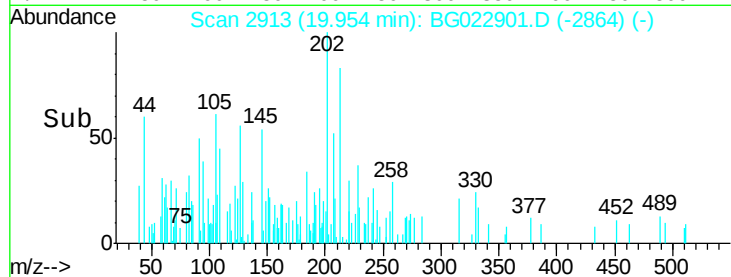
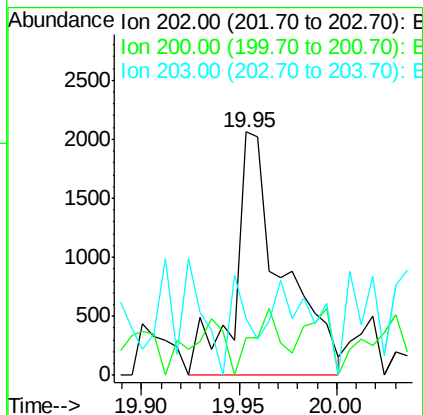
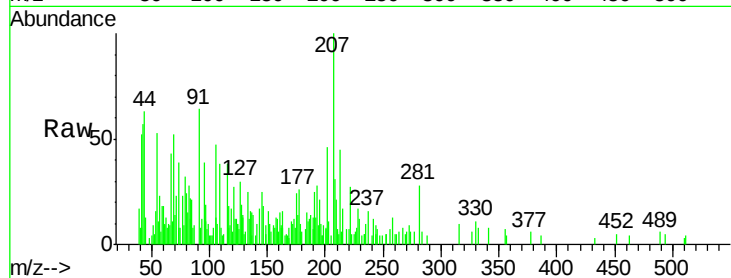
Tot Ion:202 Resp: 3494

Ion Ratio Lower Upper

202 100

200 15.4 21.2 31.8#

203 23.6 16.8 25.2



#78

Terphenyl-d14

Concen: -20.00 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

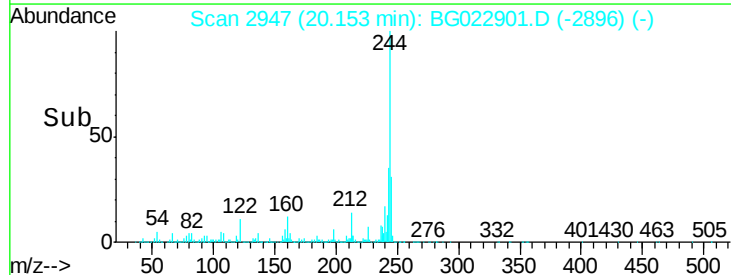
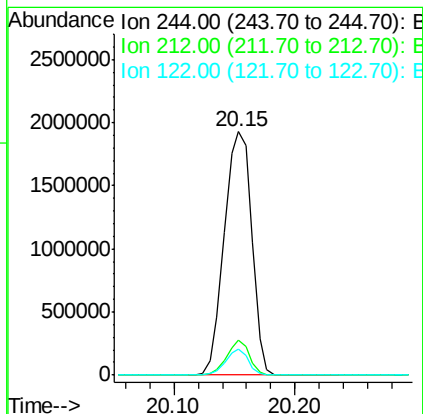
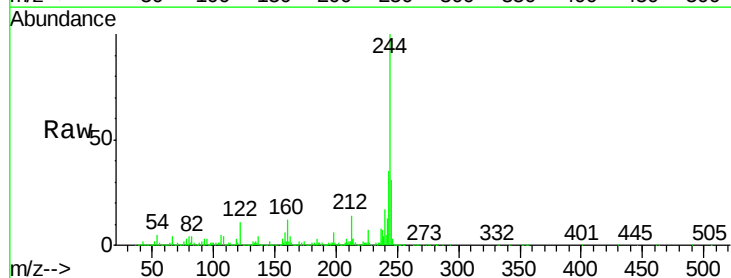
Tgt Ion:244 Resp: 3041603

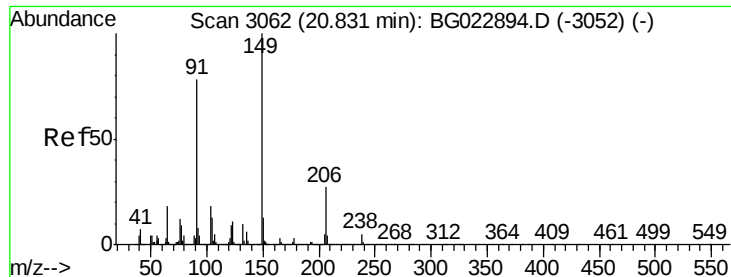
Ion Ratio Lower Upper

244 100

212 14.3 10.8 16.2

122 10.8 8.0 12.0





#79

Butylbenzylphthalate

Concen: 177.41 ng

RT: 20.63 min Scan# 3028

Delta R.T. -0.20 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

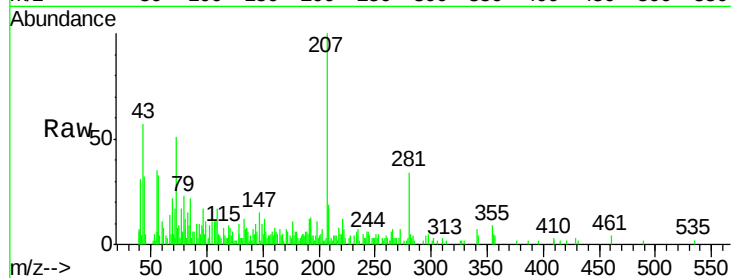
Tot Ion:149 Resp: 541

Ion Ratio Lower Upper

149 100

91 98.1 68.1 102.1

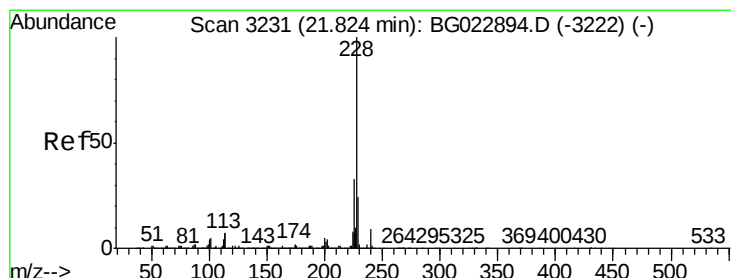
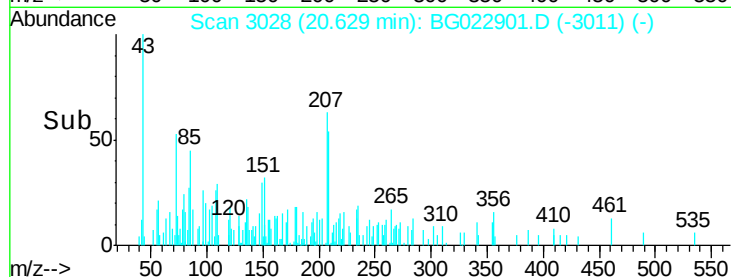
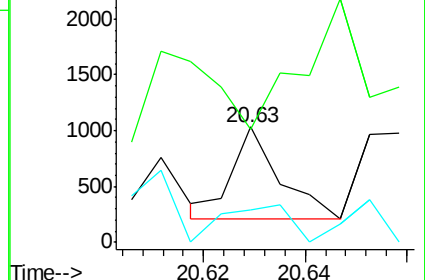
206 28.0 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 89.11 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.05 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

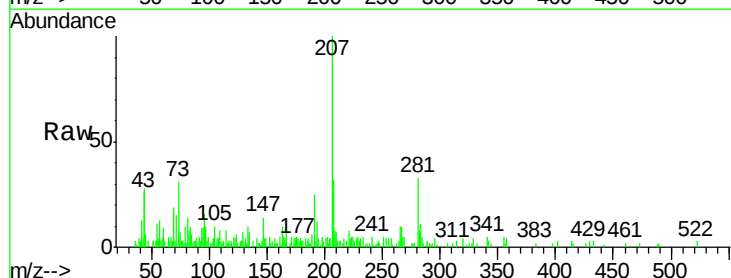
Tgt Ion:228 Resp: 683

Ion Ratio Lower Upper

228 100

226 80.2 25.3 37.9#

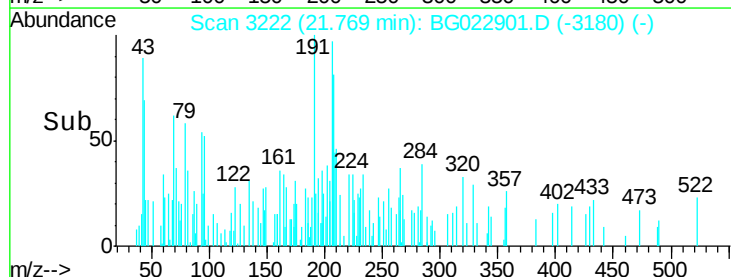
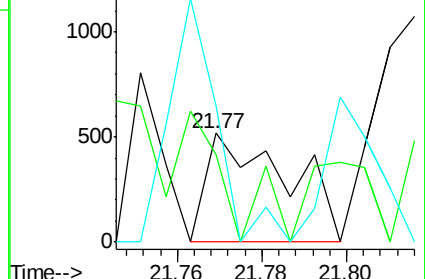
229 124.9 19.9 29.9#

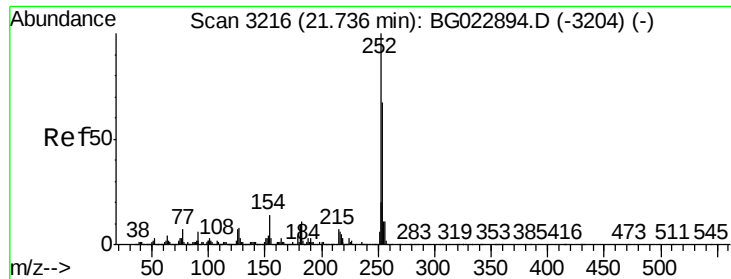


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

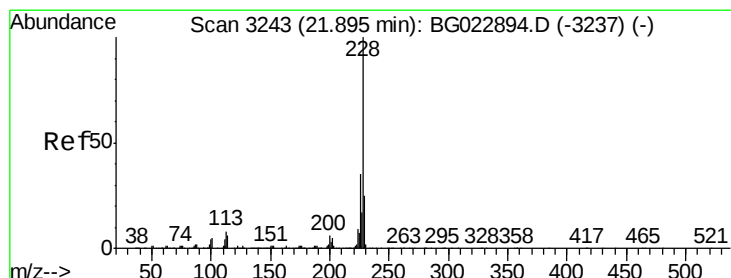
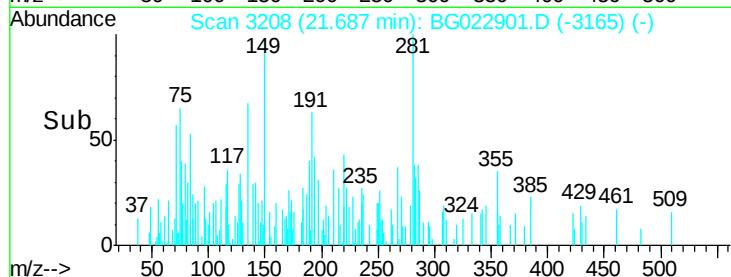
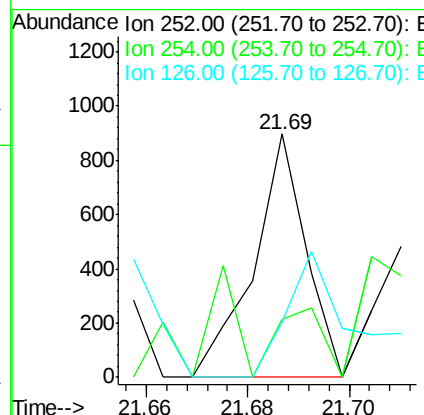
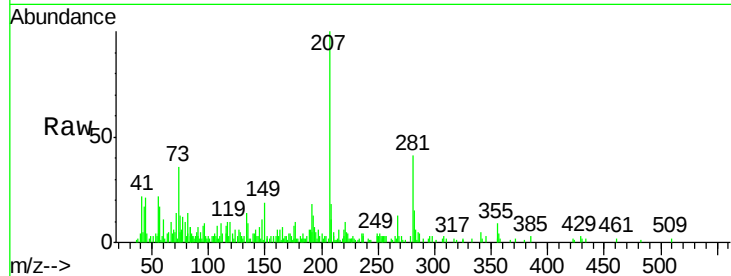




#81
 3,3'-Dichlorobenzidine
 Concen: 191.11 ng
 RT: 21.69 min Scan# 3208
 Delta R.T. -0.05 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

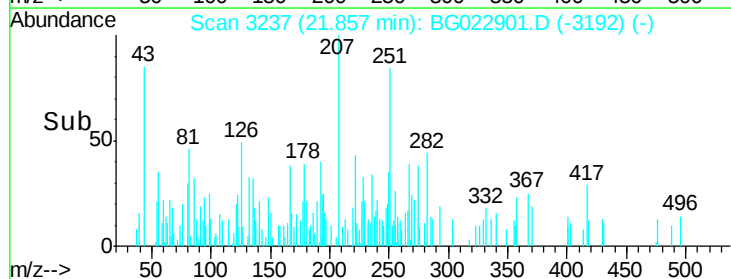
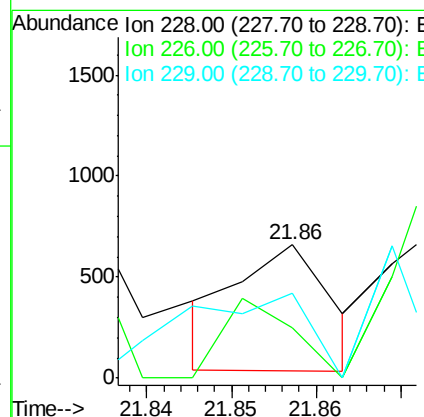
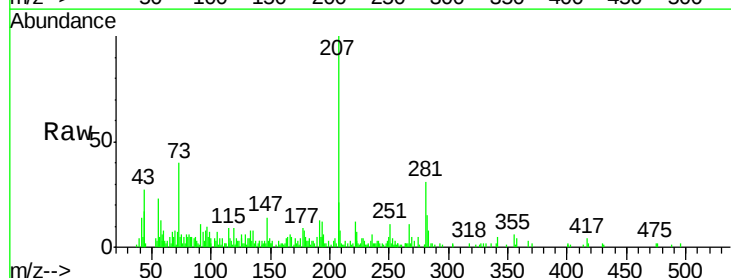
Instrument :
 BNA_G
 ClientSampleId :
 PZ-4

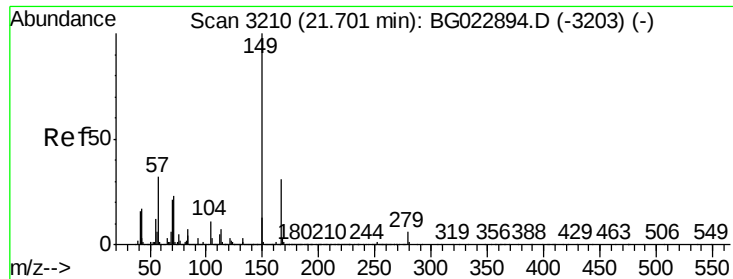
Tot Ion:252 Resp: 643
 Ion Ratio Lower Upper
 252 100
 254 23.6 51.2 76.8#
 126 22.9 5.3 7.9#



#82
 Chrysene
 Concen: 65.78 ng
 RT: 21.86 min Scan# 3237
 Delta R.T. -0.04 min
 Lab File: BG022901.D
 Acq: 7 Jul 2016 18:42

Tgt Ion:228 Resp: 473
 Ion Ratio Lower Upper
 228 100
 226 38.2 26.7 40.1
 229 63.9 17.4 26.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 3270.18 ng

RT: 21.70 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

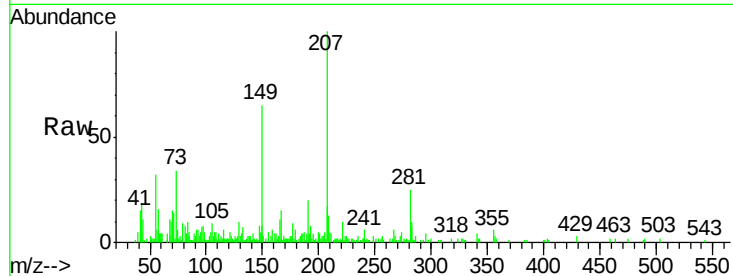
Tot Ion:149 Resp: 13847

Ion Ratio Lower Upper

149 100

167 22.8 24.0 36.0#

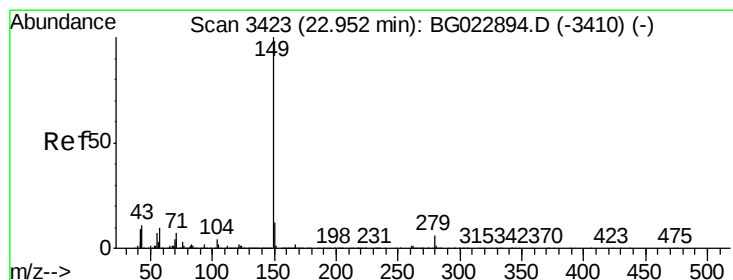
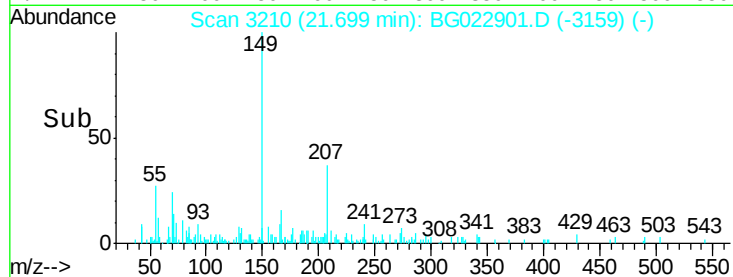
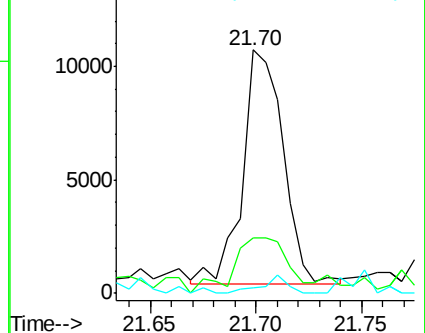
279 2.1 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 107.06 ng

RT: 22.91 min Scan# 3417

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

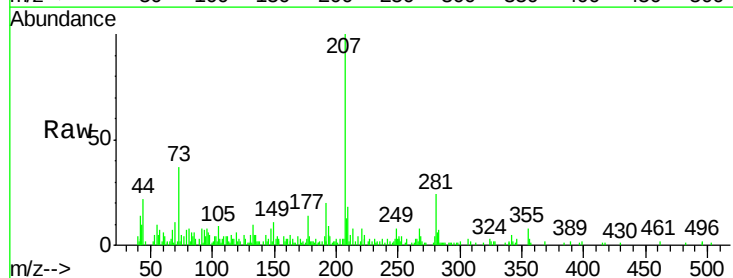
Tgt Ion:149 Resp: 756

Ion Ratio Lower Upper

149 100

167 151.5 1.5 2.3#

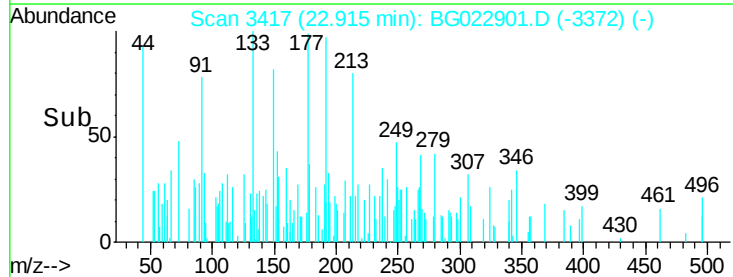
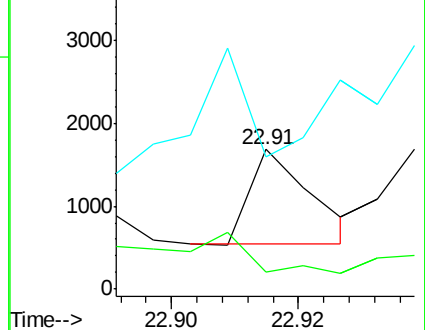
43 73.7 8.8 13.2#

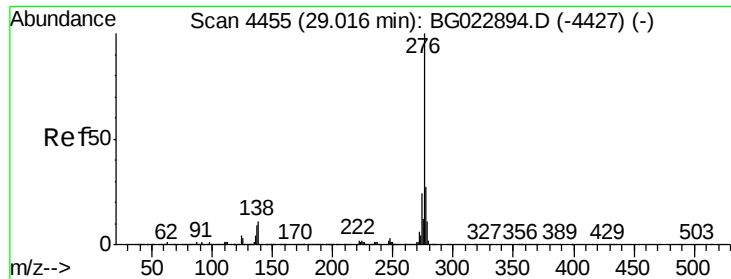


Abundance Ion 149.00 (148.70 to 149.70): E

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: 37.52 ng

RT: 28.95 min Scan# 4445

Delta R.T. -0.06 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

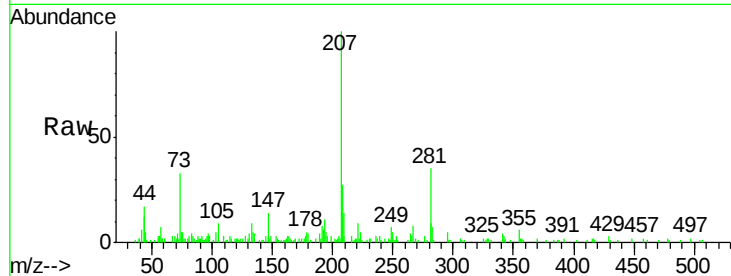
Tot Ion:276 Resp: 344

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

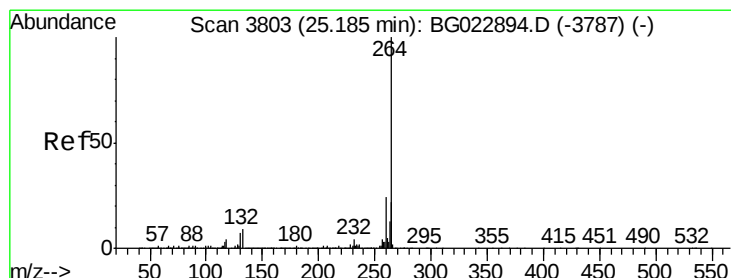
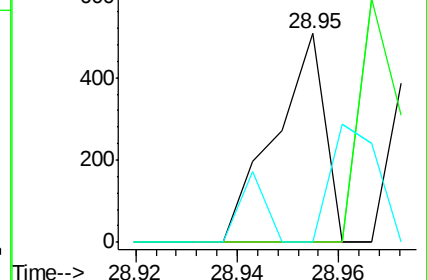
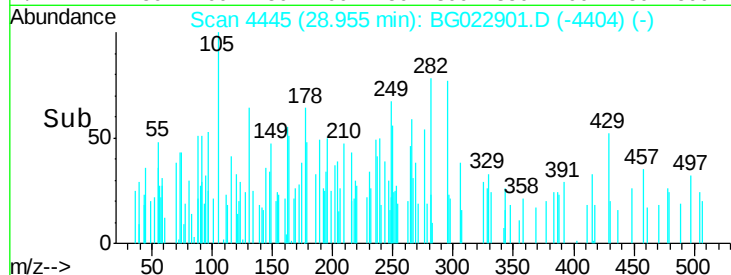
277 54.1 0.0 0.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.14 min Scan# 3795

Delta R.T. -0.05 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

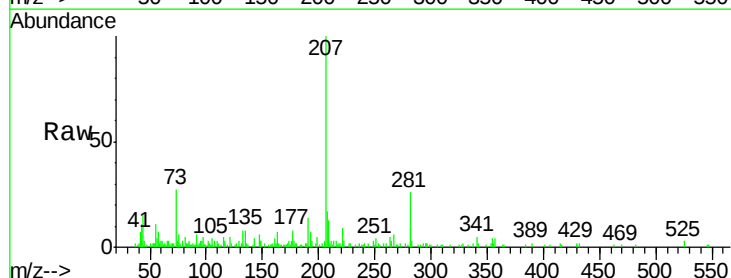
Tgt Ion:264 Resp: 721

Ion Ratio Lower Upper

264 100

260 48.5 18.4 27.6#

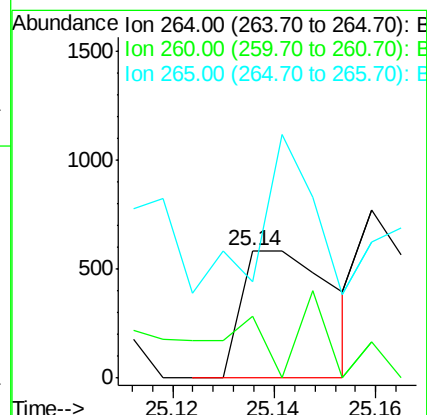
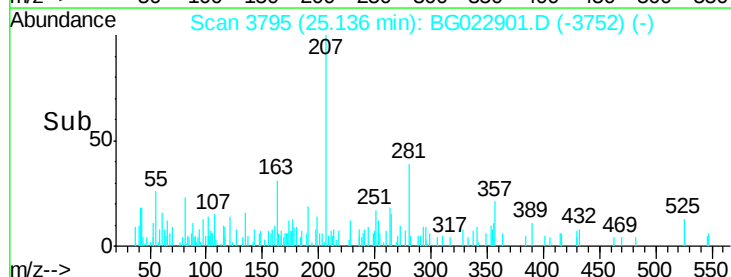
265 75.4 18.9 28.3#

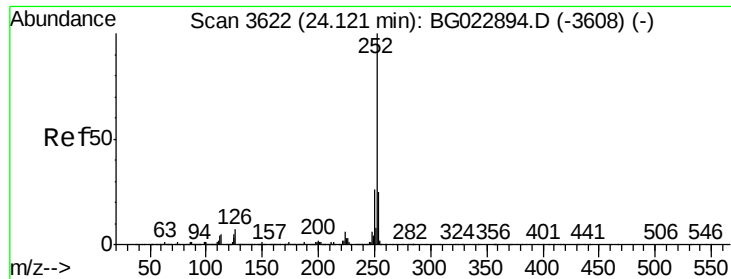


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 24.11 ng

RT: 24.07 min Scan# 3614

Delta R.T. -0.05 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

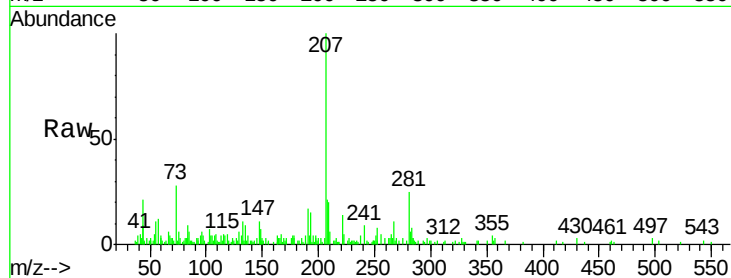
Tot Ion:252 Resp: 1003

Ion Ratio Lower Upper

252 100

253 21.5 18.9 28.3

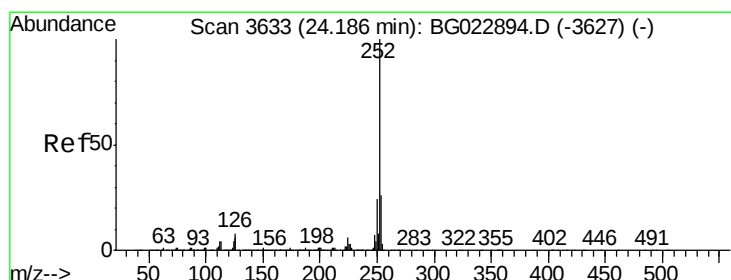
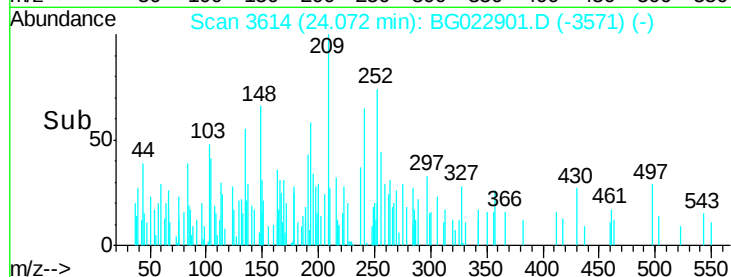
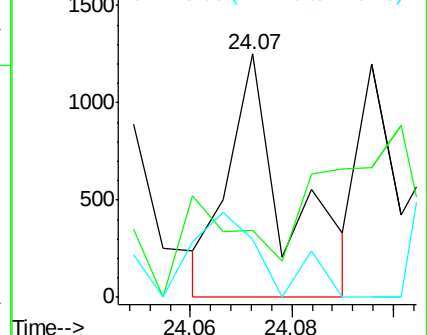
125 18.5 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.31 ng

RT: 24.15 min Scan# 3627

Delta R.T. -0.04 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

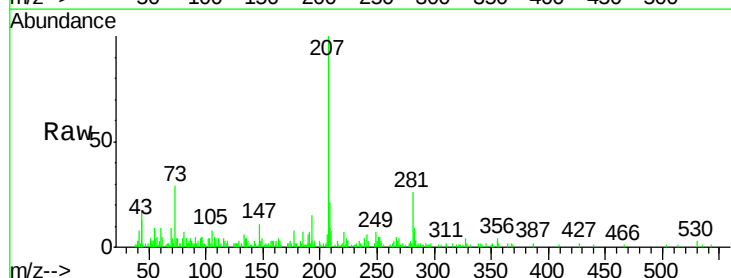
Tgt Ion:252 Resp: 1236

Ion Ratio Lower Upper

252 100

253 107.1 18.8 28.2#

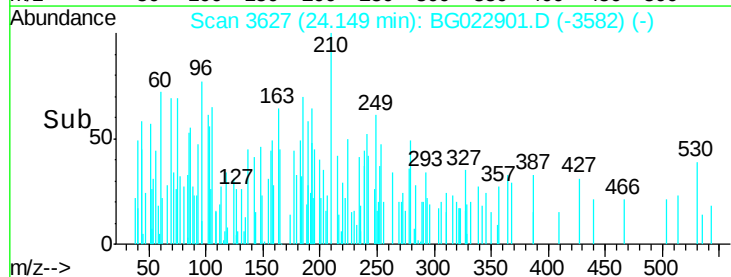
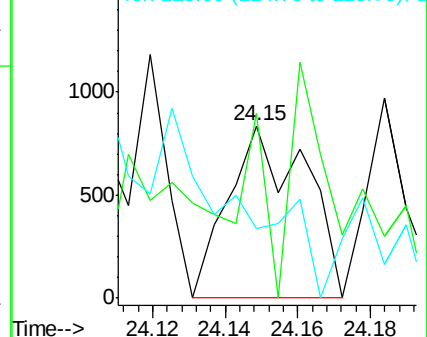
125 40.8 3.2 4.8#

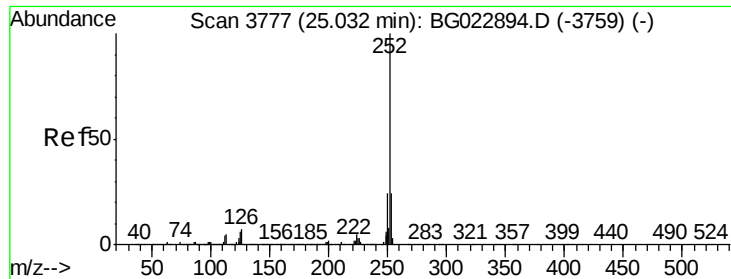


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 7.77 ng

RT: 24.98 min Scan# 3769

Delta R.T. -0.05 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampled :

PZ-4

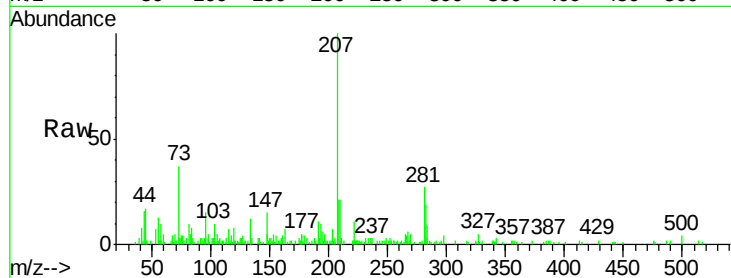
Tot Ion:252 Resp: 310

Ion Ratio Lower Upper

252 100

253 75.7 18.7 28.1#

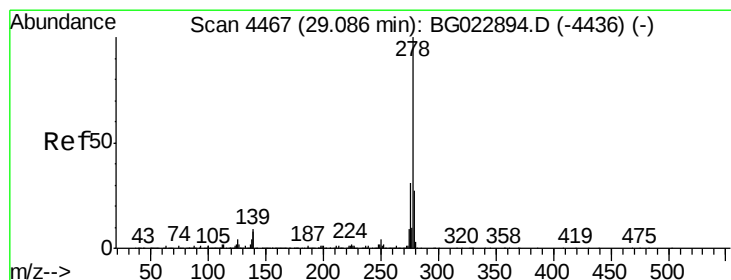
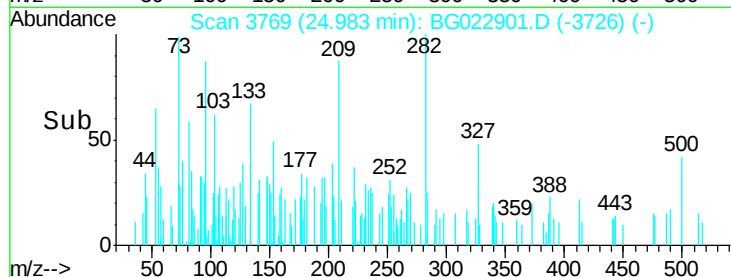
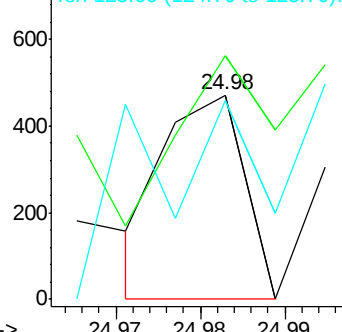
125 62.0 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 8.79 ng

RT: 29.02 min Scan# 4456

Delta R.T. -0.07 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

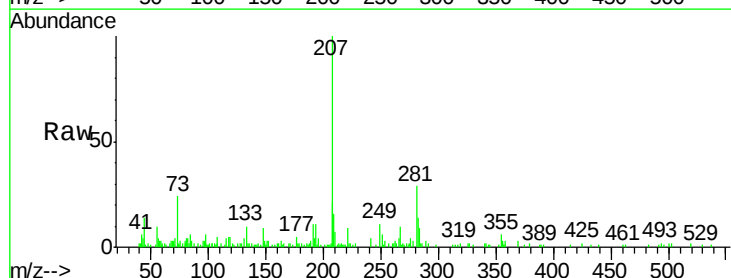
Tgt Ion:278 Resp: 348

Ion Ratio Lower Upper

278 100

139 43.0 4.7 7.1#

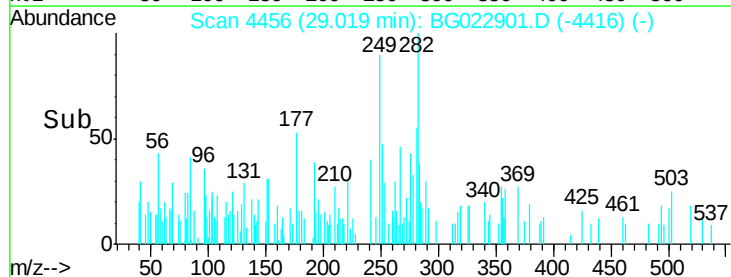
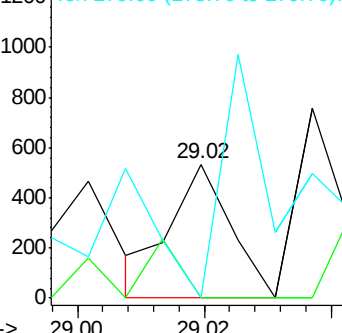
279 0.0 18.3 27.5#

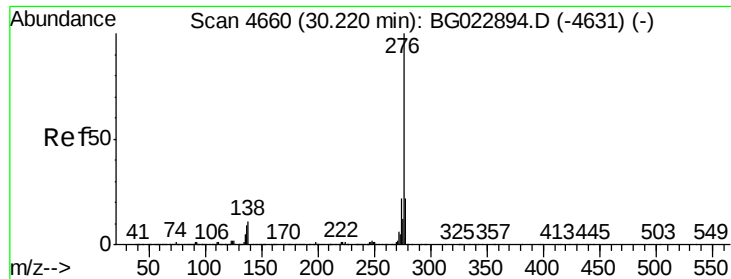


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.58 ng

RT: 30.15 min Scan# 4649

Delta R.T. -0.07 min

Lab File: BG022901.D

Acq: 7 Jul 2016 18:42

Instrument :

BNA_G

ClientSampleId :

PZ-4

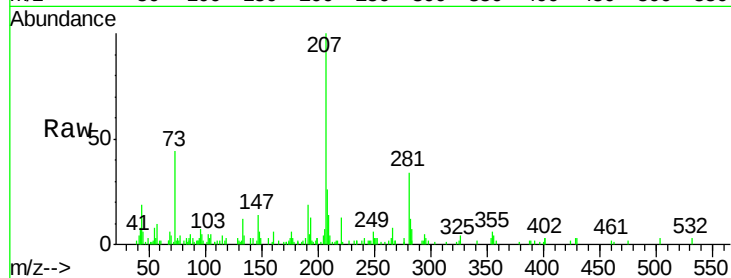
Tot Ion:276 Resp: 142

Ion Ratio Lower Upper

276 100

277 37.5 18.6 27.8#

138 0.0 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

