

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
 Data File : BG022904.D
 Acq On : 7 Jul 2016 20:42
 Operator : UM/SJ
 Sample : H3840-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Quant Time: Jul 08 04:28:11 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	99089	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	436037	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	358538	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	904897	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1022545	20.00	ng	0.00
86) Perylene-d12	25.19	264	1063918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	399911	66.01	ng	0.00
7) Phenol-d6	7.30	99	388597	40.95	ng	0.00
23) Nitrobenzene-d5	9.32	82	925314	90.87	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	813518	126.25	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1922669	84.47	ng	0.00
78) Terphenyl-d14	20.15	244	2918978	94.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	1084	0.46	ng	# 20
3) Pyridine	3.97	79	142	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.95	42	524	0.15	ng	# 1
6) Aniline	7.48	93	84	0.01	ng	# 37
8) 2-Chlorophenol	7.68	128	473	0.07	ng	# 1
9) Benzaldehyde	7.26	77	89	0.01	ng	# 8
10) Phenol	7.34	94	5304	0.54	ng	# 82
11) bis(2-Chloroethyl)ether	7.55	93	233	0.03	ng	# 21
12) 1,3-Dichlorobenzene	8.08	146	80	0.01	ng	# 3
13) 1,4-Dichlorobenzene	8.16	146	168	0.02	ng	# 1
14) 1,2-Dichlorobenzene	8.52	146	166	0.02	ng	# 20
15) Benzyl Alcohol	8.40	79	800	0.09	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.66	45	204	0.02	ng	# 61
17) 2-Methylphenol	8.61	107	79	0.01	ng	# 5
18) Hexachloroethane	9.23	117	309	0.09	ng	# 31
19) n-Nitroso-di-n-propylamine	8.95	70	258	0.03	ng	# 39
20) 3+4-Methylphenols	8.90	107	126	0.01	ng	# 17
22) Acetophenone	8.97	105	503	0.04	ng	# 38
24) Nitrobenzene	9.41	77	137	0.01	ng	# 50
25) Isophorone	9.85	82	828	0.04	ng	# 69
26) 2-Nitrophenol	10.20	139	53	0.01	ng	# 15
27) 2,4-Dimethylphenol	10.13	122	112	0.02	ng	# 1
28) bis(2-Chloroethoxy)methane	10.35	93	66	0.01	ng	# 50
29) 2,4-Dichlorophenol	10.60	162	105	0.01	ng	# 25
30) 1,2,4-Trichlorobenzene	10.85	180	98	0.01	ng	# 14
31) Naphthalene	11.04	128	157	0.01	ng	# 3
32) Benzoic acid	10.28	122	100	0.01	ng	# 44
33) 4-Chloroaniline	11.15	127	64	0.01	ng	# 1
34) Hexachlorobutadiene	11.23	225	103	0.01	ng	# 18
35) Caprolactam	11.90	113	258	0.08	ng	# 75
36) 4-Chloro-3-methylphenol	12.23	107	79	0.01	ng	# 26
37) 2-Methylnaphthalene	12.64	142	79	0.00	ng	# 13
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	90	0.01	ng	# 1
40) Hexachlorocyclopentadiene	12.95	237	123	0.01	ng	# 26

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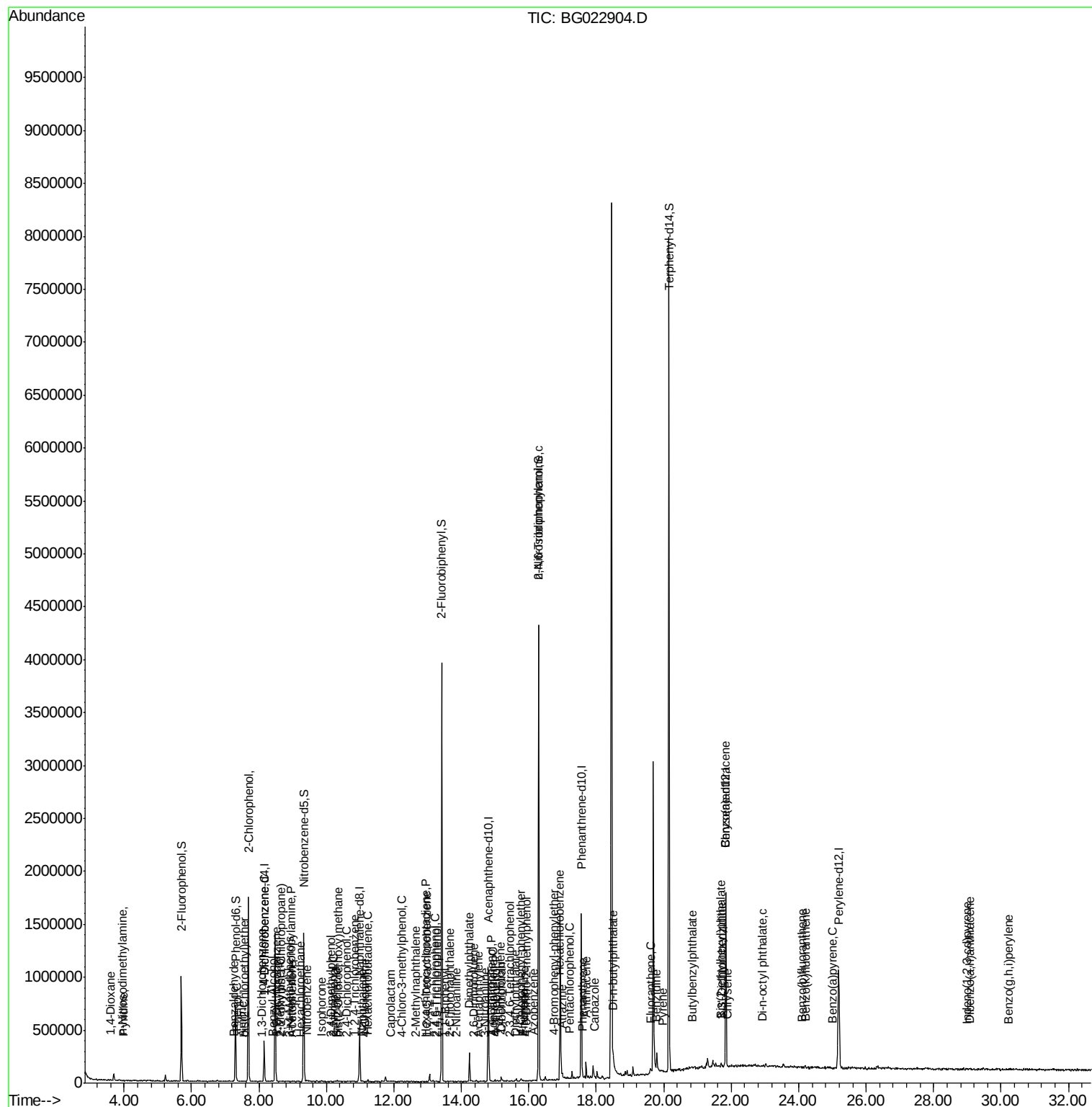
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	122	0.01	ng	# 62
43) 2,4,5-Trichlorophenol	13.28	196	66	0.01	ng	# 12
45) 1,1'-Biphenyl	13.52	154	241	0.01	ng	90
46) 2-Chloronaphthalene	13.65	162	62	0.00	ng	# 38
47) 2-Nitroaniline	13.85	65	55	0.01	ng	# 16
48) Acenaphthylene	14.49	152	76	0.00	ng	# 58
49) Dimethylphthalate	14.24	163	172159	5.88	ng	97
50) 2,6-Dinitrotoluene	14.38	165	85	0.01	ng	# 9
51) Acenaphthene	14.92	154	64	0.00	ng	# 6
52) 3-Nitroaniline	14.69	138	201	0.03	ng	# 1
53) 2,4-Dinitrophenol	14.89	184	59	0.01	ng	# 10
54) Dibenzofuran	15.20	168	86	0.00	ng	# 52
55) 4-Nitrophenol	15.03	139	167	0.03	ng	# 32
56) 2,4-Dinitrotoluene	15.16	165	63	0.01	ng	# 14
57) Fluorene	15.85	166	181	0.01	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.44	232	55	0.01	ng	# 14
59) Diethylphthalate	15.60	149	2215	0.07	ng	# 71
60) 4-Chlorophenyl-phenylether	15.77	204	72	0.00	ng	# 26
61) 4-Nitroaniline	15.87	138	64	0.01	ng	# 42
62) Azobenzene	16.14	77	821	0.03	ng	# 50
64) 4,6-Dinitro-2-methylphenol	15.93	198	178	0.03	ng	# 1
65) n-Nitrosodiphenylamine	16.29	169	30743	1.18	ng	# 47
66) 4-Bromophenyl-phenylether	16.74	248	63	0.01	ng	# 25
67) Hexachlorobenzene	16.91	284	171	0.01	ng	# 1
68) Atrazine	17.00	200	322	0.03	ng	# 1
69) Pentachlorophenol	17.20	266	182	0.02	ng	# 11
70) Phenanthrene	17.60	178	652	0.01	ng	# 72
71) Anthracene	17.69	178	1784	0.04	ng	# 45
72) Carbazole	17.94	167	163	0.00	ng	# 1
73) Di-n-butylphthalate	18.50	149	25319	0.59	ng	# 97
74) Fluoranthene	19.61	202	1339	0.02	ng	# 18
76) Benzidine	19.77	184	152	0.01	ng	# 1
77) Pyrene	19.97	202	837	0.01	ng	# 1
79) Butylbenzylphthalate	20.83	149	3051	0.13	ng	# 87
80) Benzo(a)anthracene	21.84	228	4988	0.09	ng	# 80
81) 3,3'-Dichlorobenzidine	21.71	252	638	0.03	ng	# 55
82) Chrysene	21.89	228	2111	0.04	ng	# 53
83) Bis(2-ethylhexyl)phthalate	21.70	149	14989	0.47	ng	# 85
84) Di-n-octyl phthalate	22.93	149	689	0.01	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.00	276	464	0.01	ng	# 100
87) Benzo(b)fluoranthene	24.10	252	473	0.01	ng	# 1
88) Benzo(k)fluoranthene	24.19	252	1382	0.02	ng	# 39
89) Benzo(a)pyrene	25.01	252	739	0.01	ng	# 79
90) Dibenzo(a,h)anthracene	29.08	278	539	0.01	ng	# 44
91) Benzo(g,h,i)perylene	30.22	276	398	0.01	ng	# 59

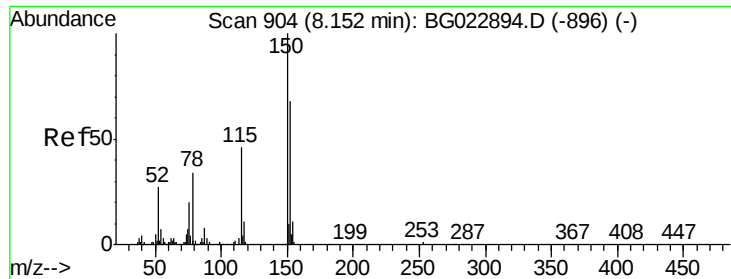
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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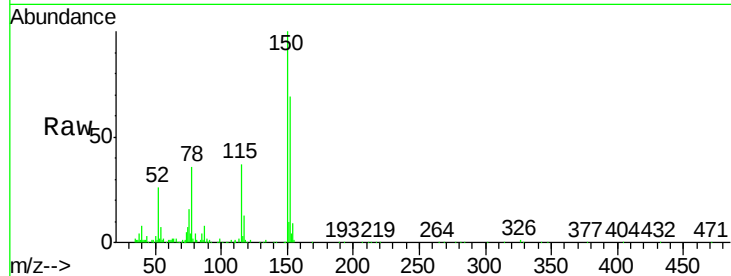


#1

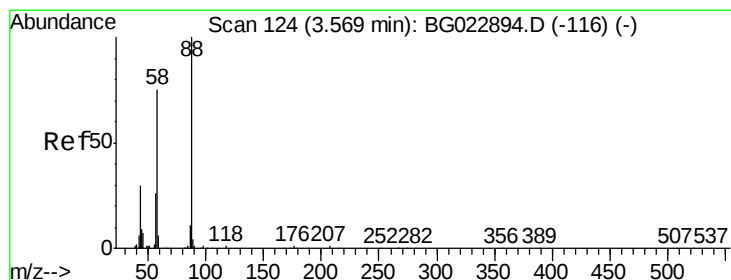
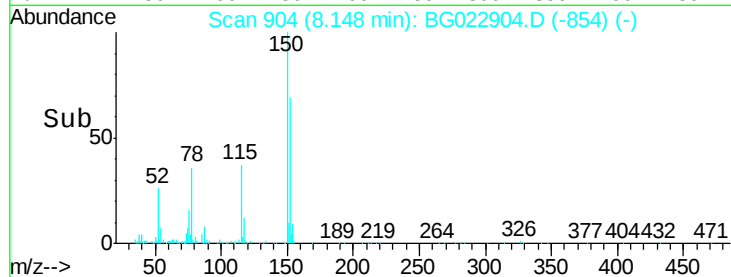
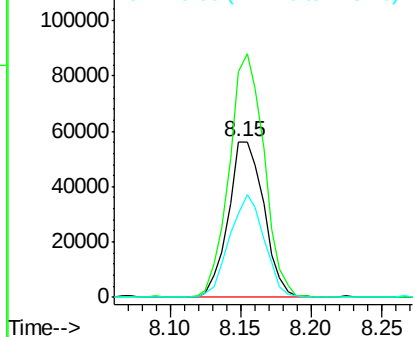
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tgt Ion: 152 Resp: 99089
Ion Ratio Lower Upper
152 100
150 145.4 144.7 217.1
115 53.8 64.0 96.0#



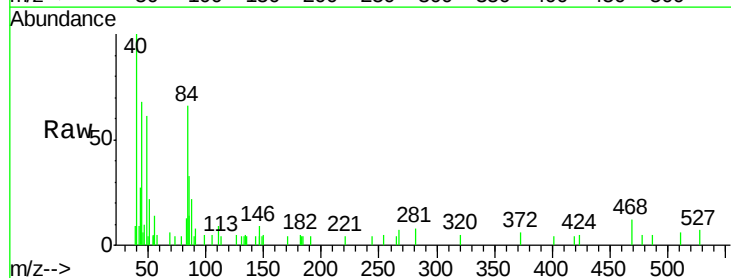
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



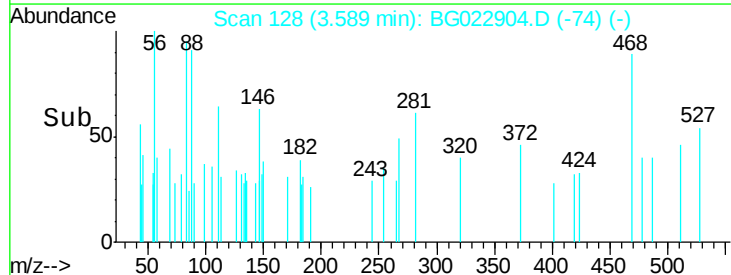
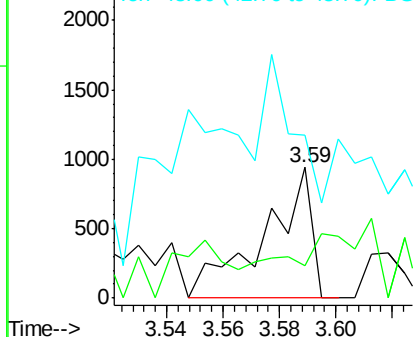
#2

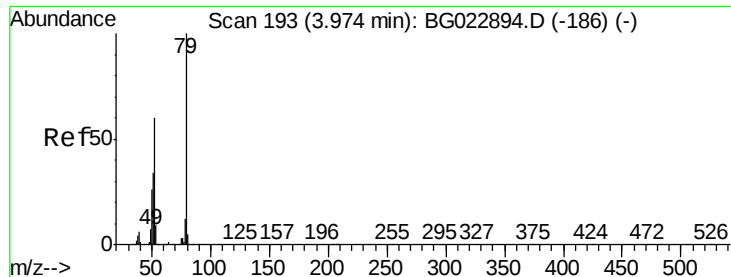
1,4-Dioxane
Concen: 0.46 ng
RT: 3.59 min Scan# 128
Delta R.T. 0.02 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion: 88 Resp: 1084
Ion Ratio Lower Upper
88 100
58 0.0 60.4 90.6#
43 0.0 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





#3

Pyridine

Concen: 0.02 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampled :

LIP-16

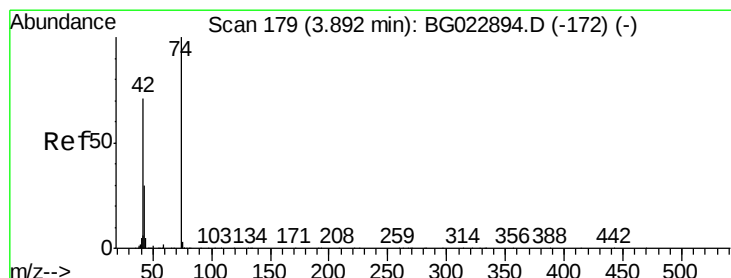
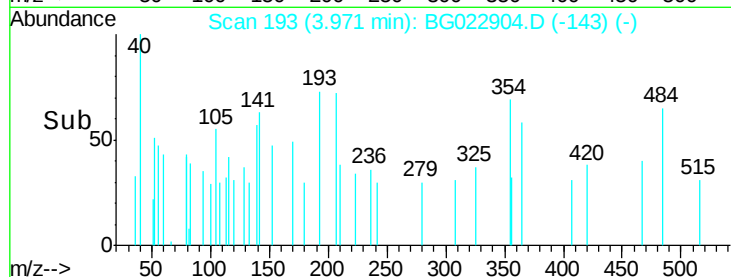
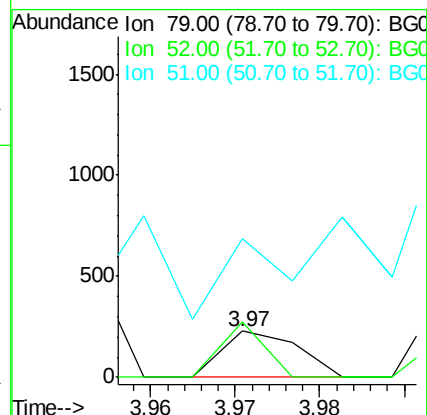
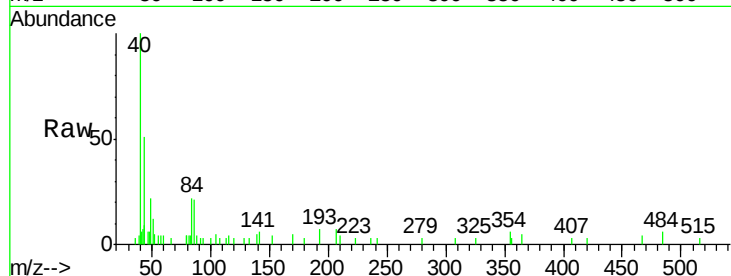
Tgt Ion: 79 Resp: 142

Ion Ratio Lower Upper

79 100

52 120.6 51.8 77.8#

51 301.8 32.7 49.1#



#4

n-Nitrosodimethylamine

Concen: 0.15 ng

RT: 3.95 min Scan# 189

Delta R.T. 0.06 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

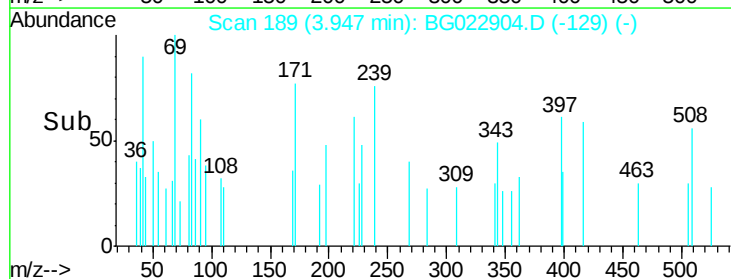
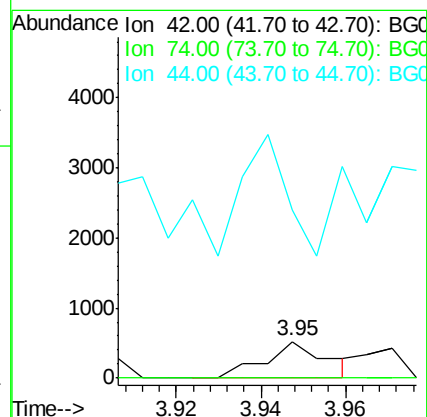
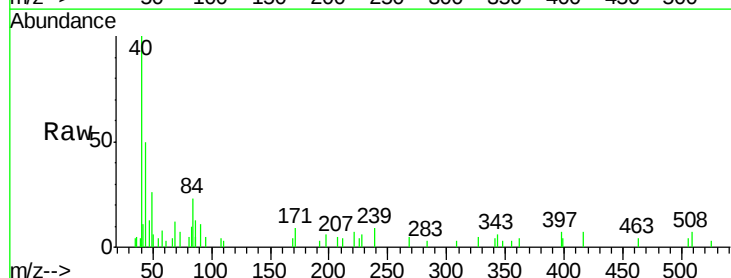
Tgt Ion: 42 Resp: 524

Ion Ratio Lower Upper

42 100

74 0.0 100.6 150.8#

44 461.9 4.5 6.7#





#5

2-Fluorophenol

Concen: 66.01 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

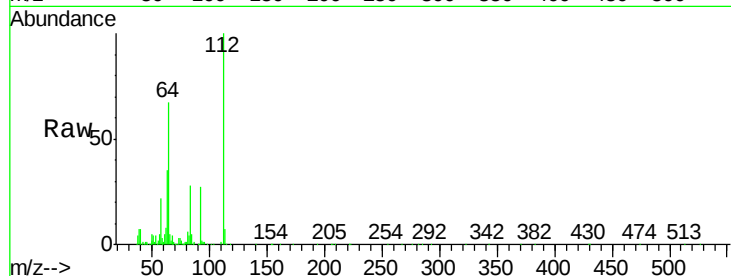
Tgt Ion: 112 Resp: 399911

Ion Ratio Lower Upper

112 100

64 67.2 59.0 88.4

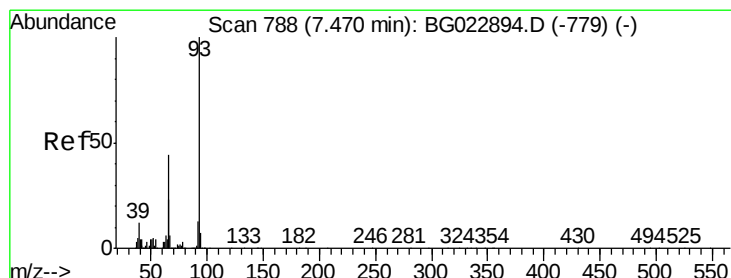
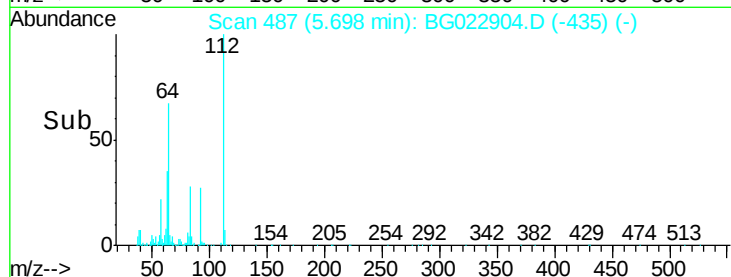
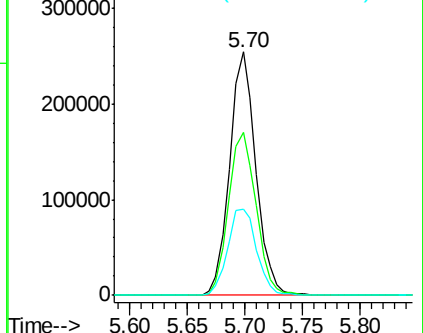
63 35.2 37.8 56.8#



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: 0.01 ng

RT: 7.48 min Scan# 791

Delta R.T. 0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

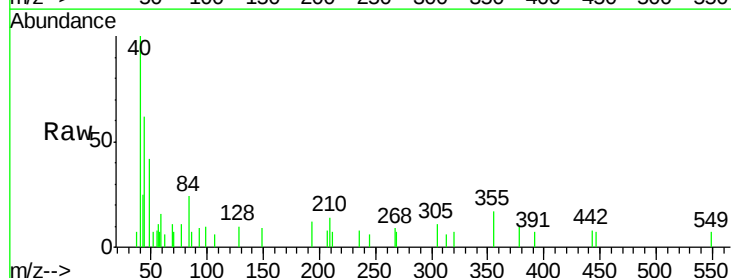
Tgt Ion: 93 Resp: 84

Ion Ratio Lower Upper

93 100

66 0.0 37.5 56.3#

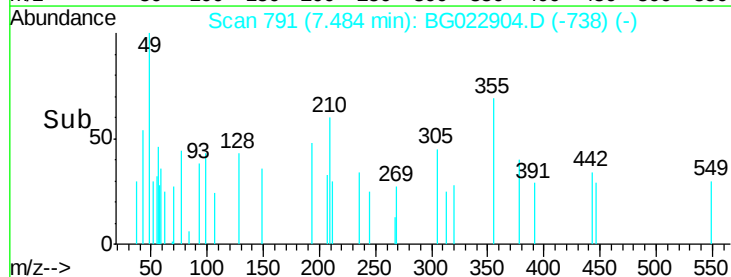
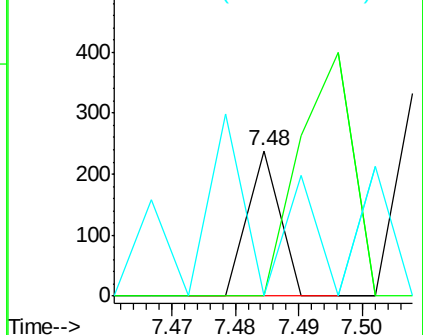
65 0.0 17.9 26.9#

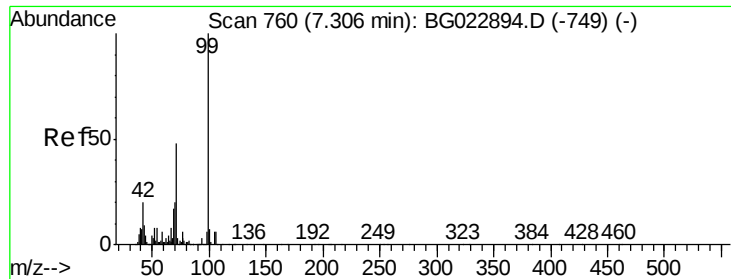


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 40.95 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

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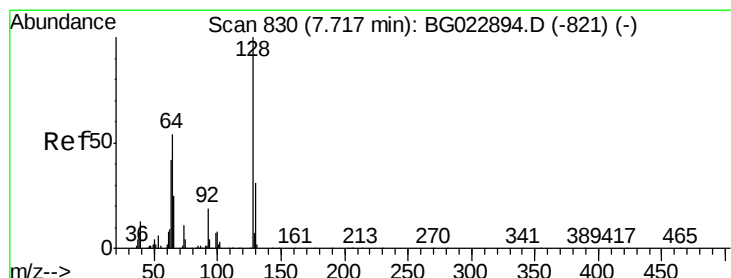
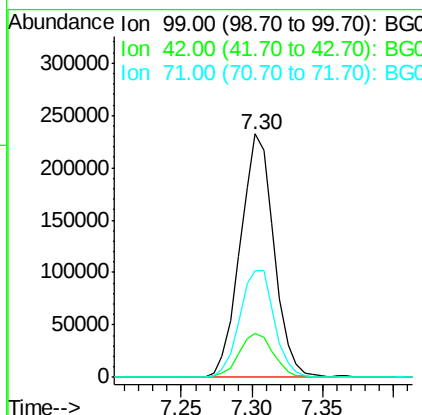
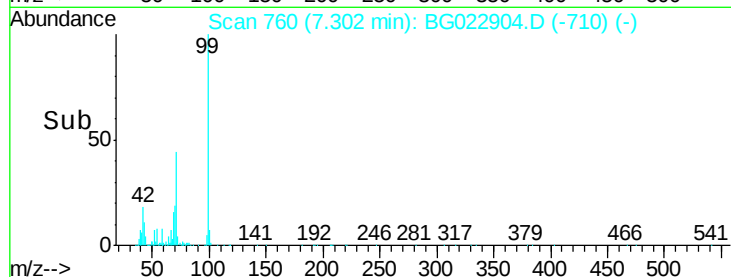
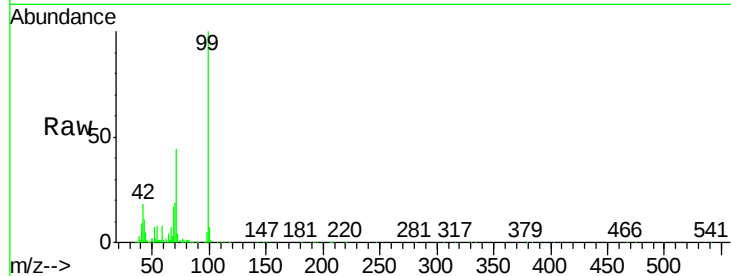
Tgt Ion: 99 Resp: 388597

Ion Ratio Lower Upper

99 100

42 17.9 17.8 26.6

71 43.9 41.5 62.3



#8

2-Chlorophenol

Concen: 0.07 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.04 min

Lab File: BG022904.D

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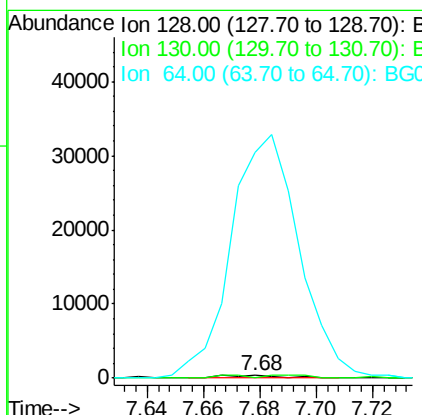
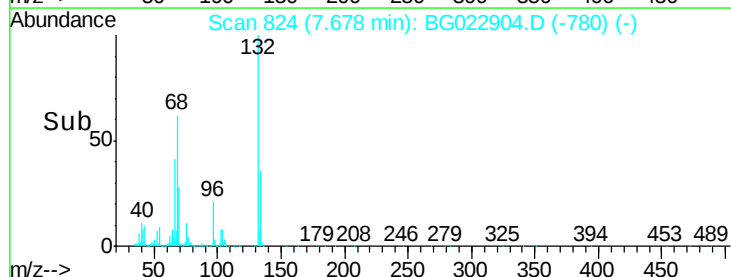
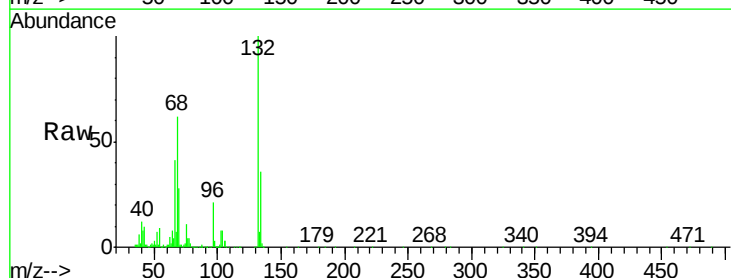
Tgt Ion: 128 Resp: 473

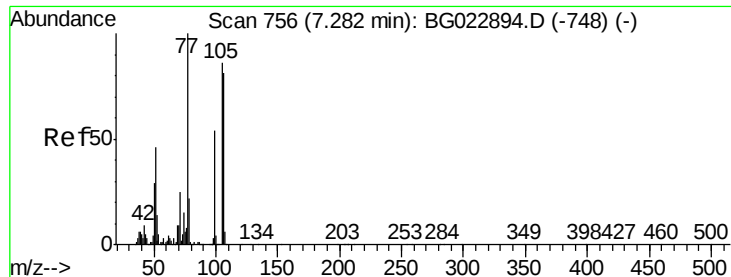
Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

64 8924.3 42.0 82.0#





#9

Benzaldehyde

Concen: 0.01 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.03 min

Lab File: BG022904.D

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LIP-16

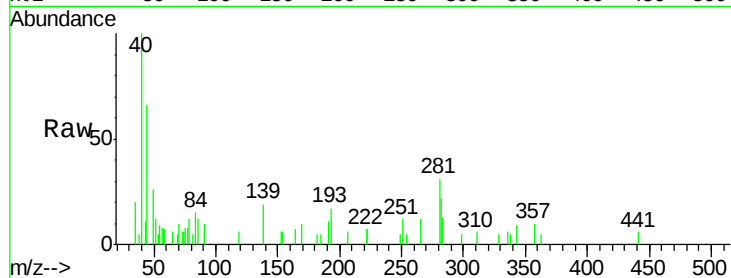
Tgt Ion: 77 Resp: 89

Ion Ratio Lower Upper

77 100

105 0.0 58.7 98.7#

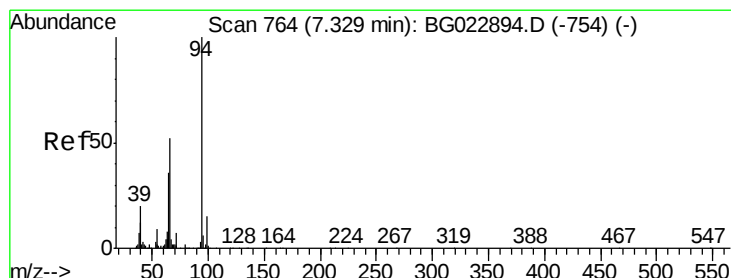
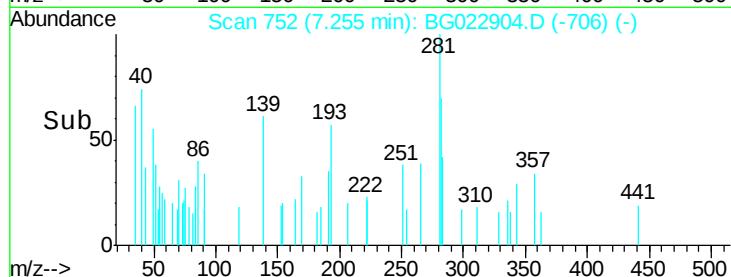
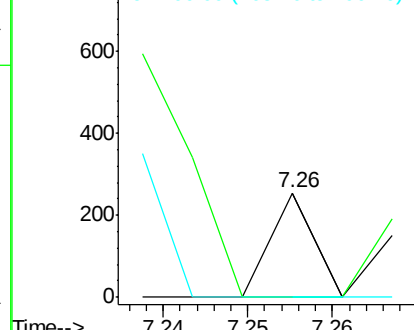
106 0.0 67.5 107.5#



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: 0.54 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

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Acq: 7 Jul 2016 20:42

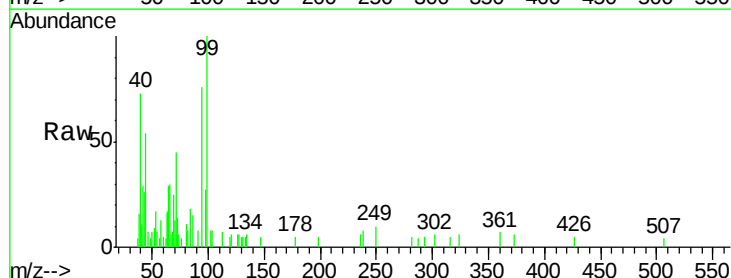
Tgt Ion: 94 Resp: 5304

Ion Ratio Lower Upper

94 100

65 38.6 18.1 58.1

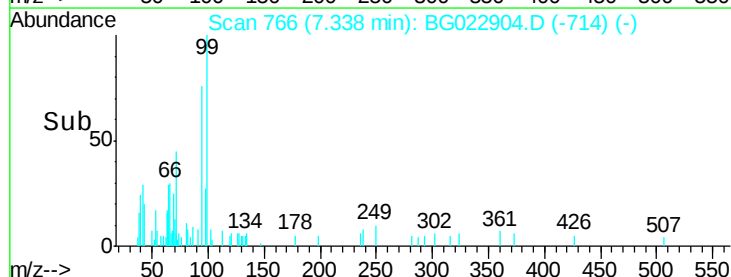
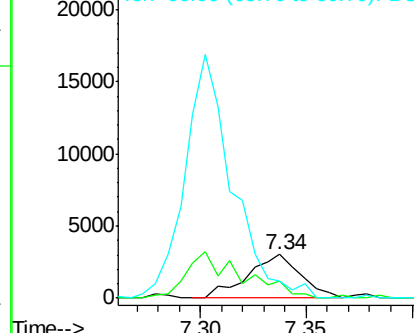
66 39.8 42.1 82.1#

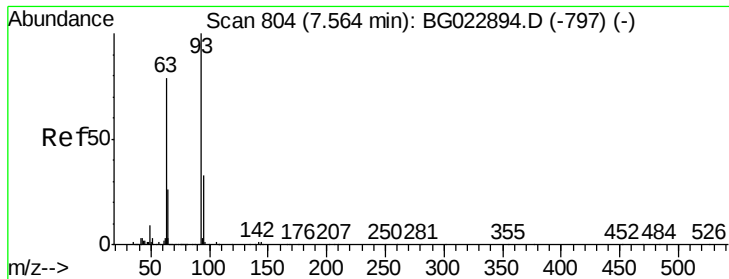


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

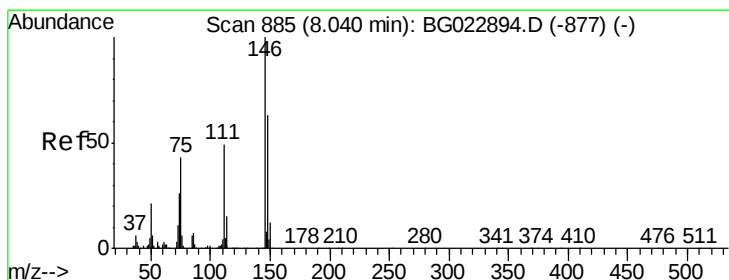
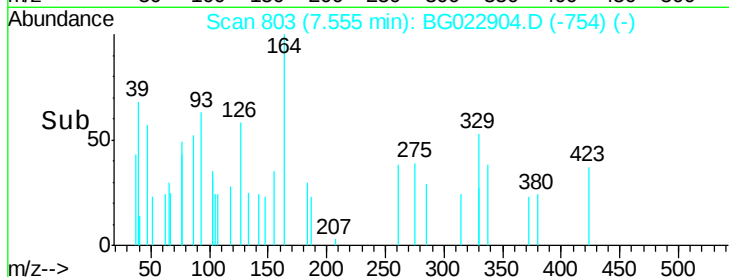
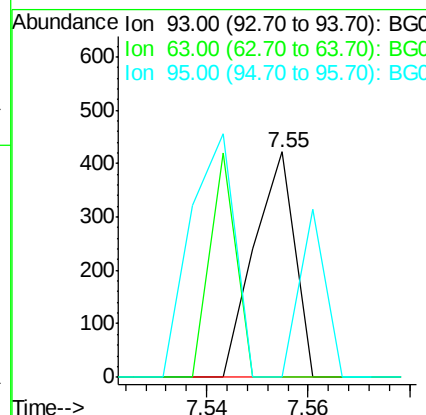
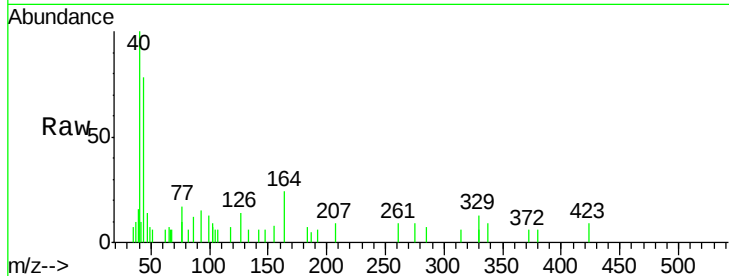




#11
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.55 min Scan# 803
Delta R.T. -0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

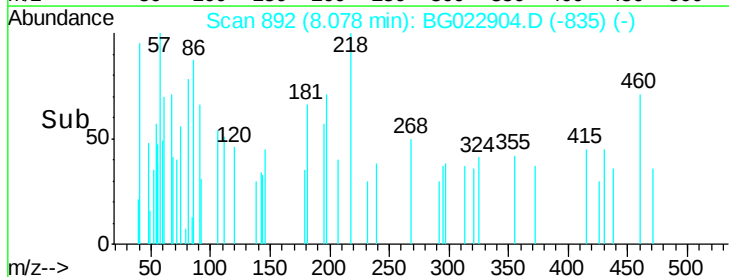
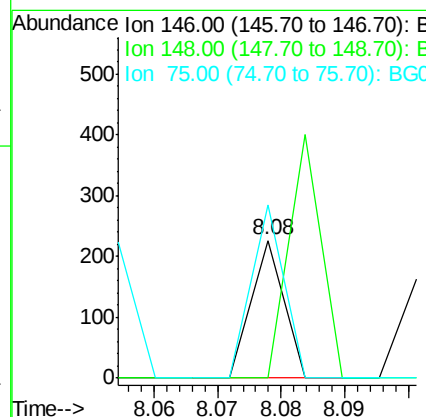
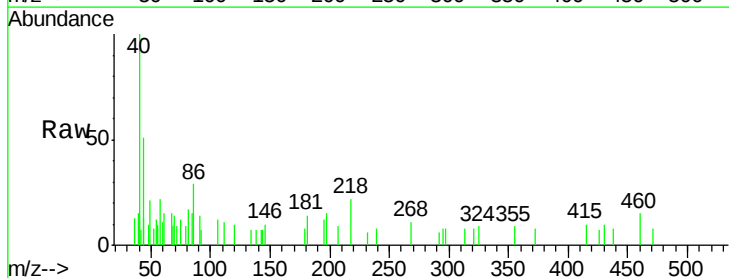
Instrument :
BNA_G
ClientSampleId :
LIP-16

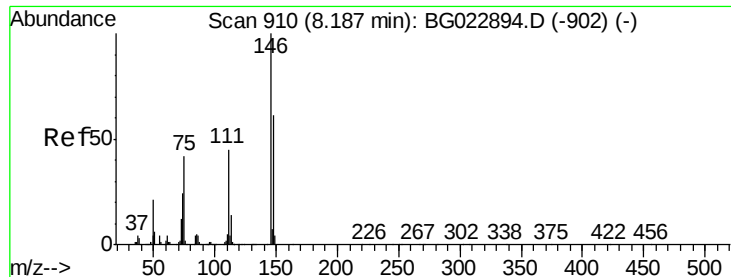
Tgt Ion: 93 Resp: 233
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 0.0 11.0 51.0#



#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 8.08 min Scan# 892
Delta R.T. 0.04 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion: 146 Resp: 80
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 125.6 37.0 55.6#

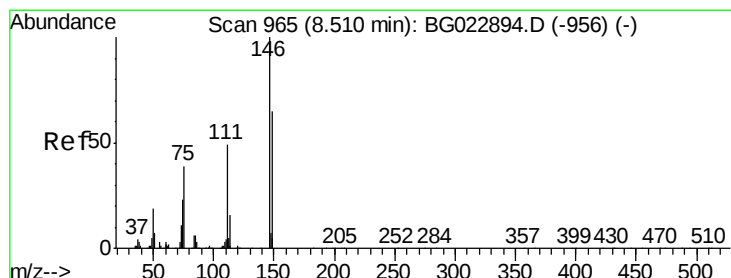
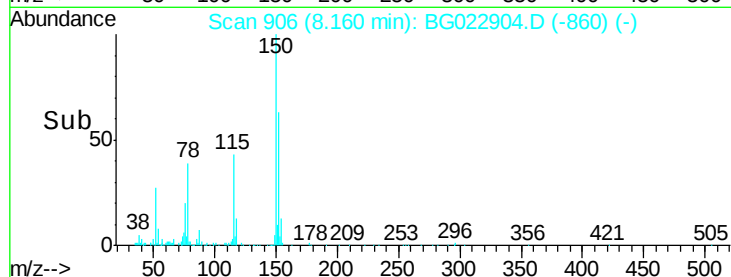
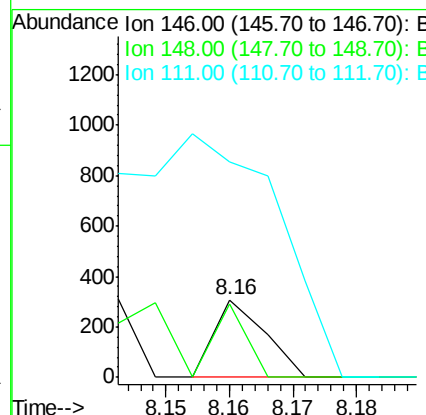
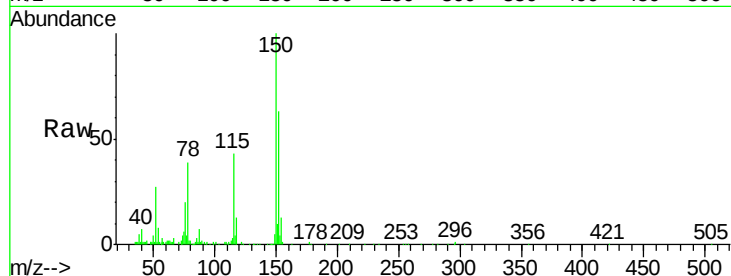




#13
 1,4-Dichlorobenzene
 Concen: 0.02 ng
 RT: 8.16 min Scan# 906
 Delta R.T. -0.03 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

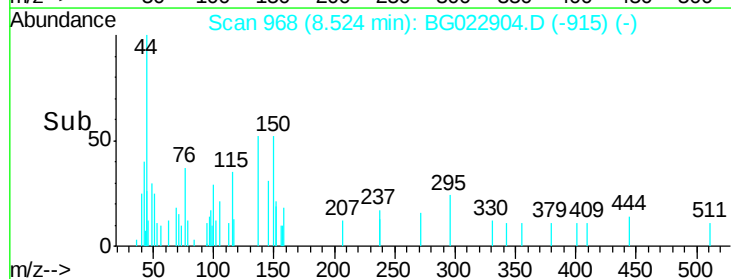
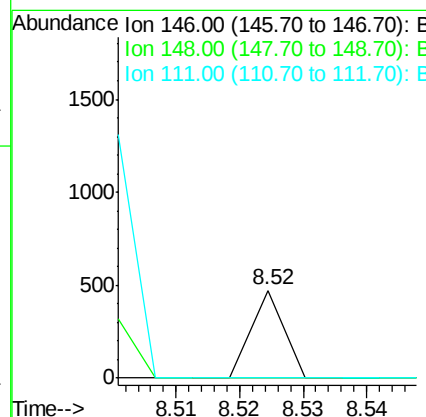
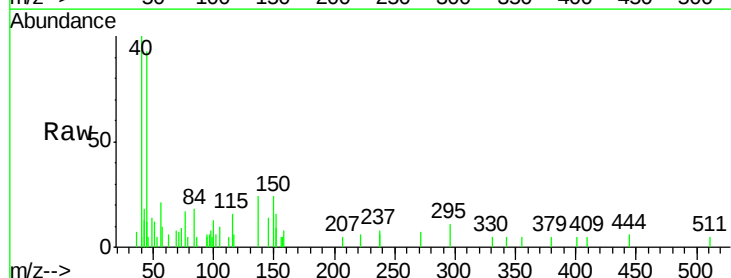
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

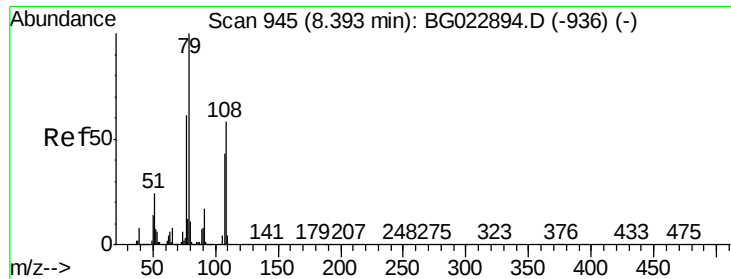
Tgt Ion:146 Resp: 168
 Ion Ratio Lower Upper
 146 100
 148 94.5 54.5 81.7#
 111 278.8 37.8 56.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.02 ng
 RT: 8.52 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:146 Resp: 166
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.9 79.3#
 111 0.0 43.5 65.3#





#15

Benzyl Alcohol

Concen: 0.09 ng

RT: 8.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampled :

LIP-16

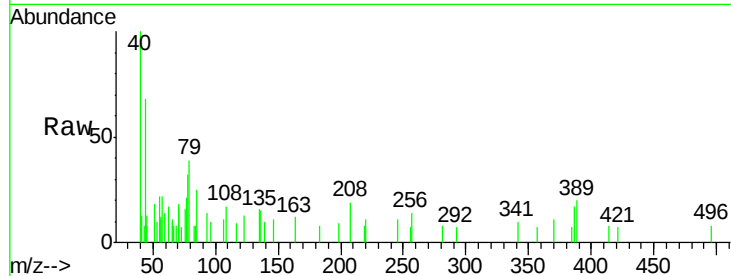
Tgt Ion: 79 Resp: 800

Ion Ratio Lower Upper

79 100

108 44.7 46.5 69.7#

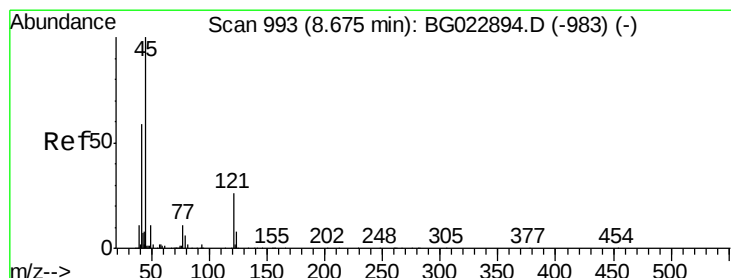
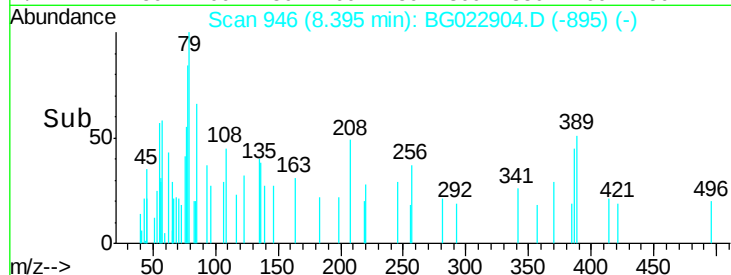
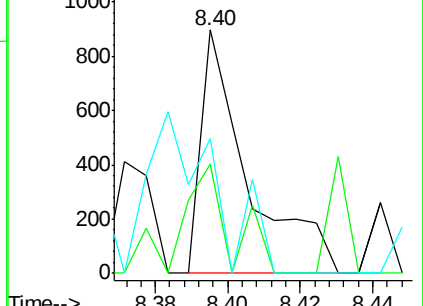
77 55.2 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.02 ng

RT: 8.66 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

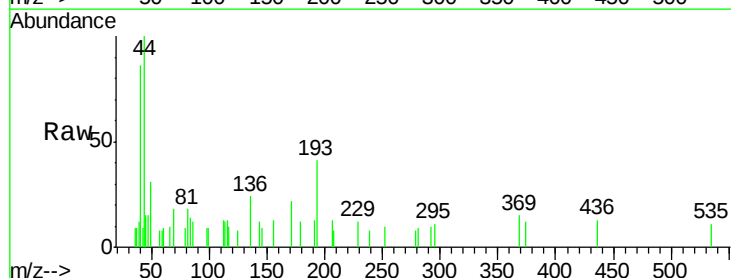
Tgt Ion: 45 Resp: 204

Ion Ratio Lower Upper

45 100

77 0.0 0.6 40.6#

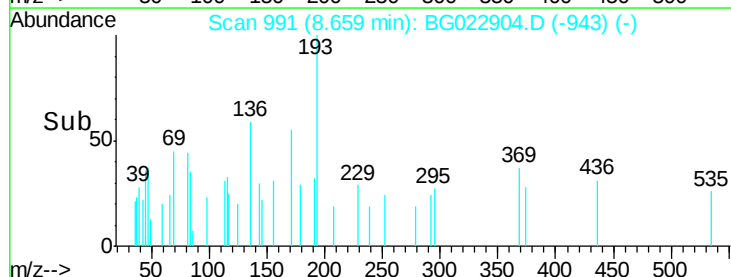
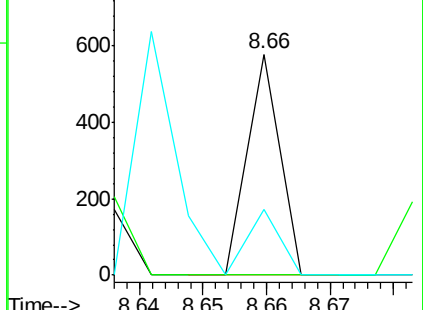
79 29.9 0.0 36.2

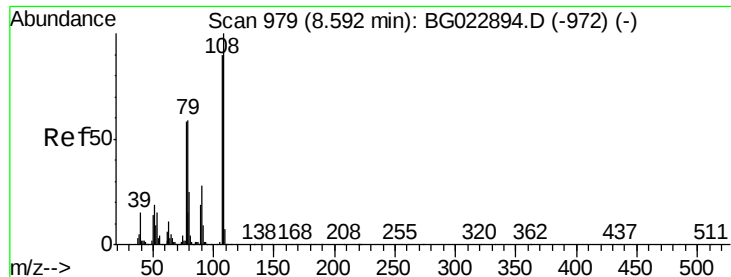


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

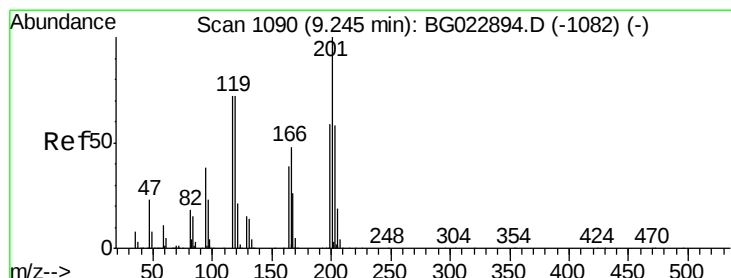
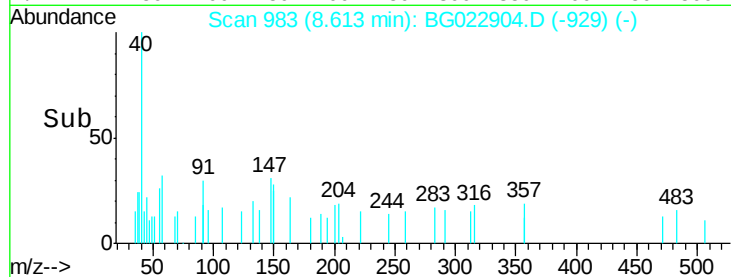
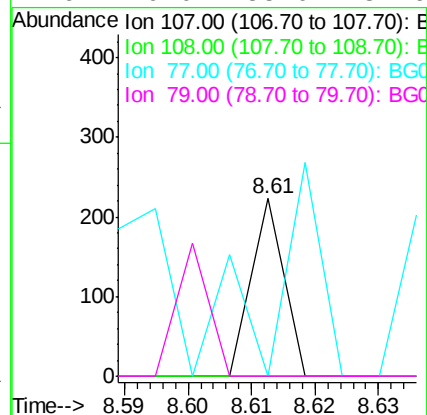
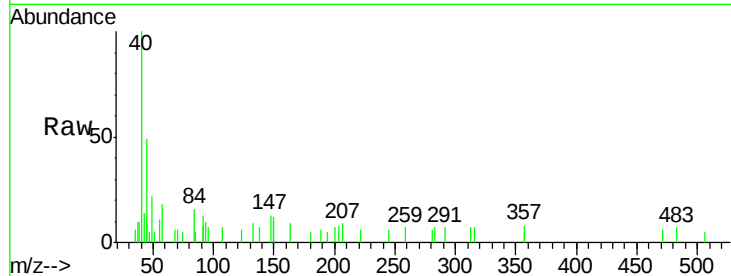




#17
2-Methylphenol
Concen: 0.01 ng
RT: 8.61 min Scan# 983
Delta R.T. 0.02 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

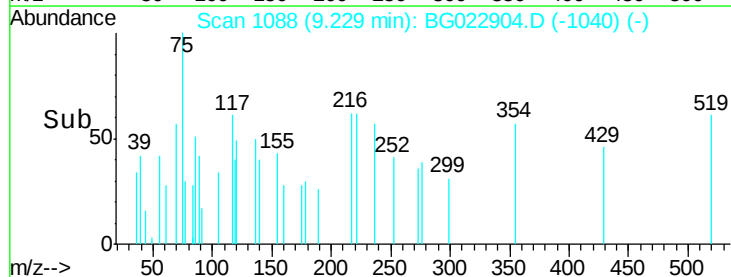
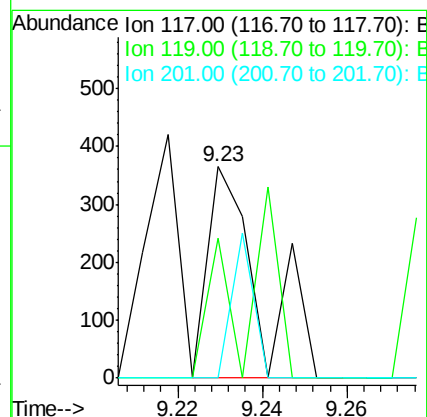
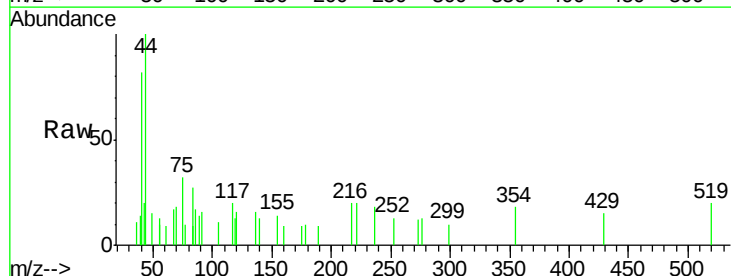
Instrument :
BNA_G
ClientSampleId :
LIP-16

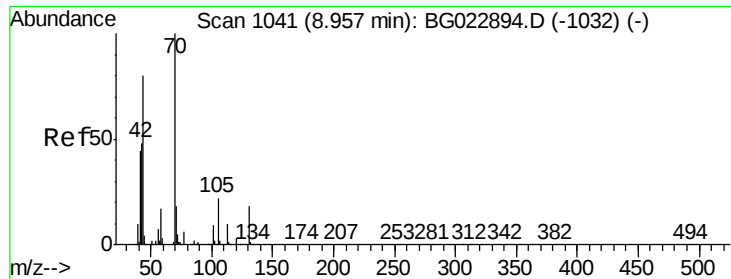
Tgt Ion:	107	Resp:	79
Ion	Ratio	Lower	Upper
107	100		
108	0.0	92.0	138.0#
77	0.0	55.8	83.6#
79	0.0	55.0	82.6#



#18
Hexachloroethane
Concen: 0.09 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.02 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:	117	Resp:	309
Ion	Ratio	Lower	Upper
117	100		
119	66.0	73.7	110.5#
201	0.0	88.7	133.1#

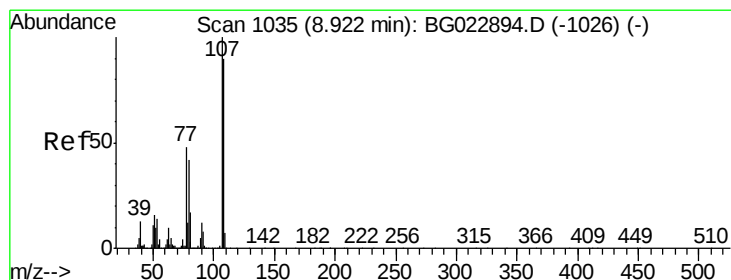
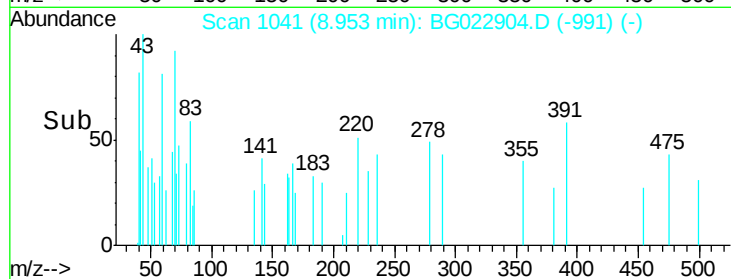
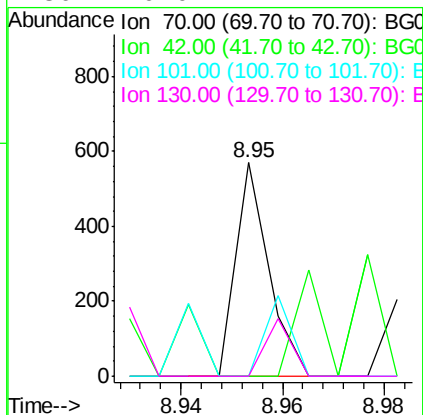
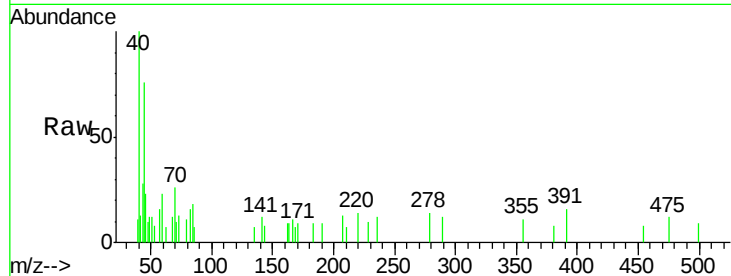




#19
n-Nitroso-di-n-propylamine
Concen: 0.03 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

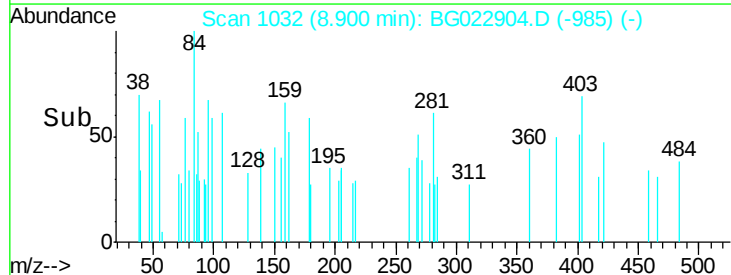
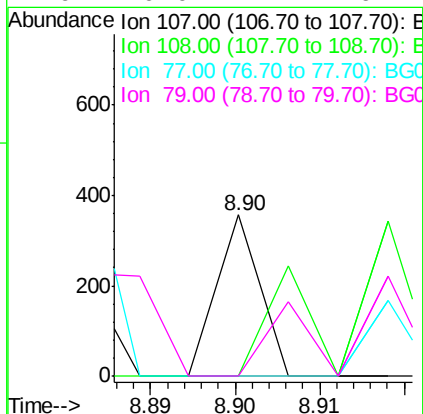
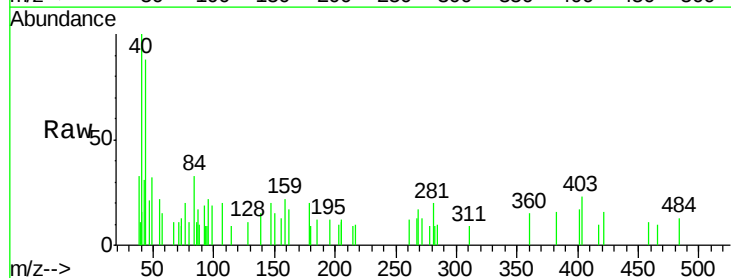
Instrument :
BNA_G
ClientSampleId :
LIP-16

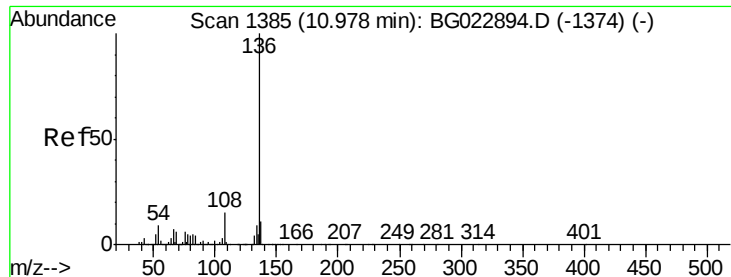
Tgt Ion:	70	Resp:	258
Ion	Ratio	Lower	Upper
70	100		
42	0.0	42.1	63.1#
101	0.0	7.2	10.8#
130	0.0	14.2	21.2#



#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:	107	Resp:	126
Ion	Ratio	Lower	Upper
107	100		
108	0.0	72.5	112.5#
77	0.0	30.1	70.1#
79	0.0	24.2	64.2#

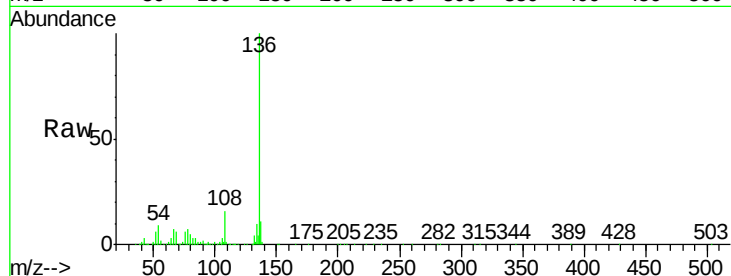




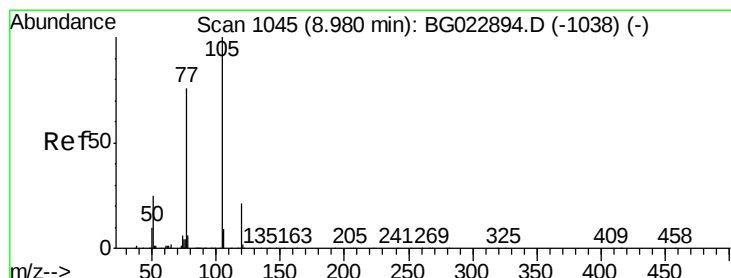
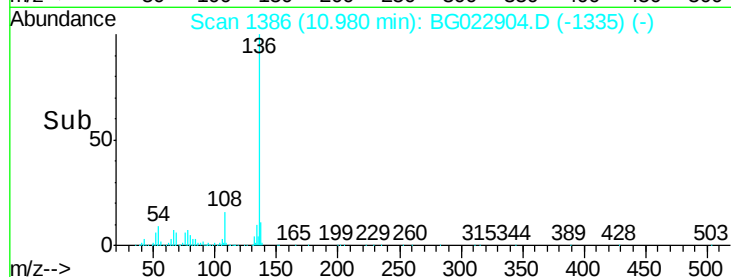
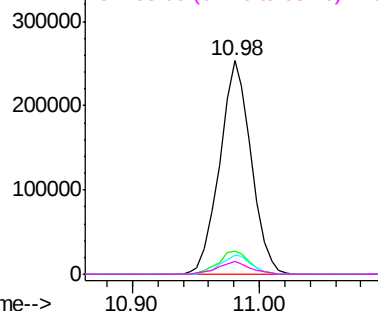
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Instrument :
BNA_G
ClientSampleId :
LIP-16

Tgt Ion:	136	Resp:	436037
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.0	7.3	10.9
68	6.0	5.3	7.9

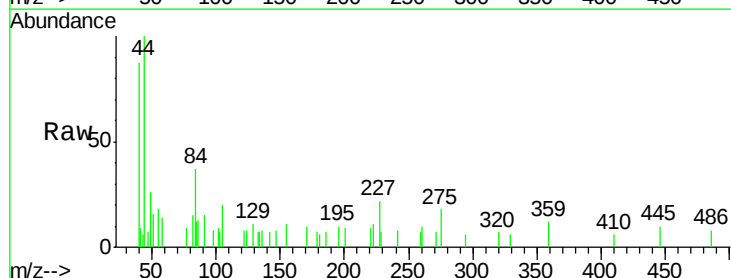


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

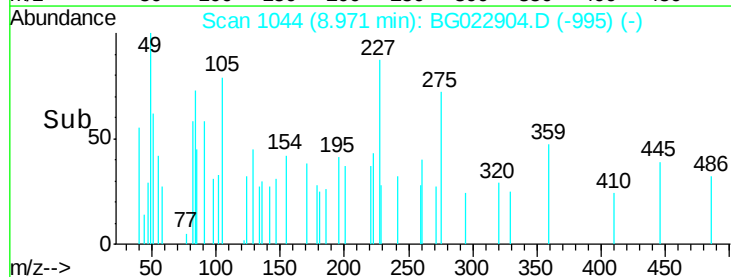
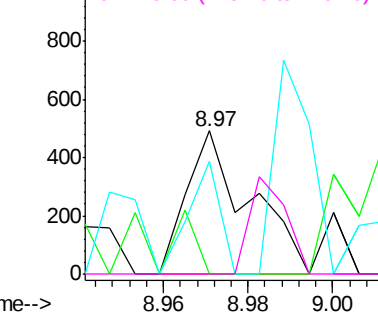


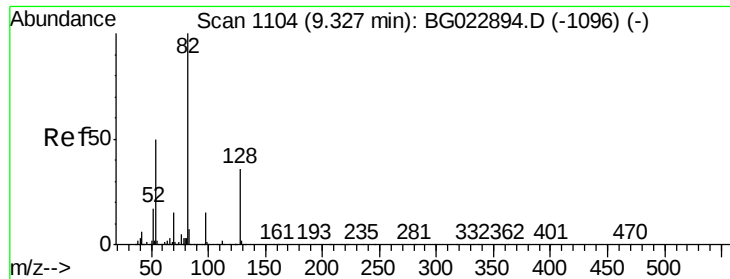
#22
Acetophenone
Concen: 0.04 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:	105	Resp:	503
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	78.9	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): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

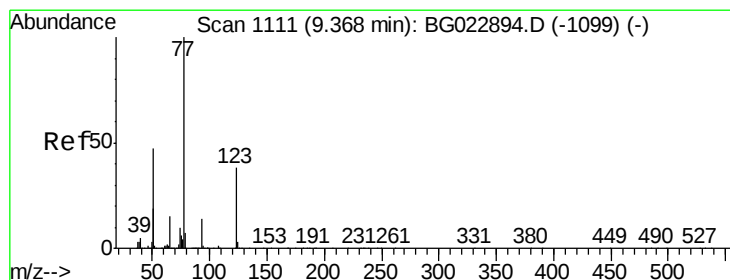
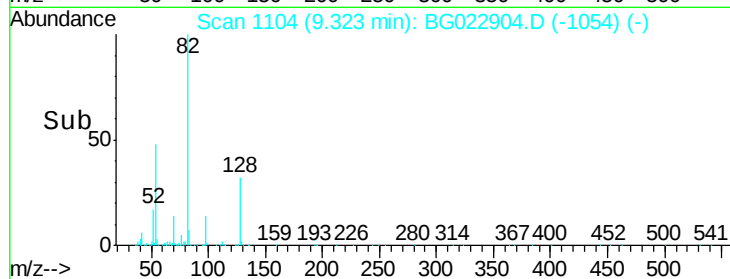
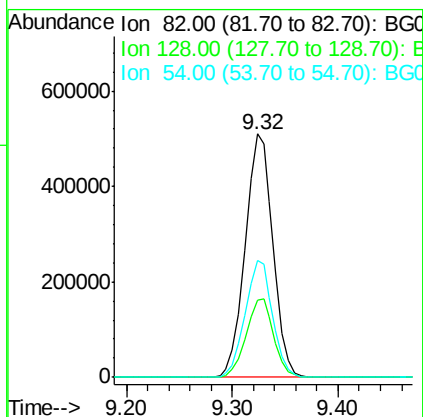
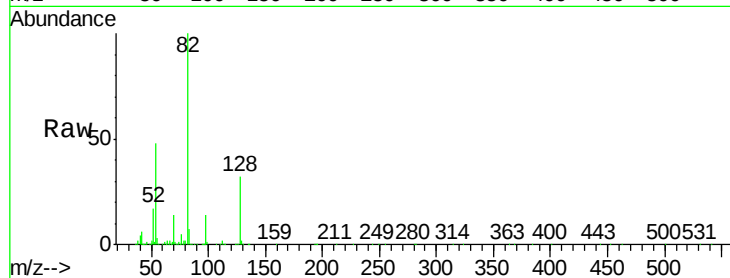




#23
 Nitrobenzene-d5
 Concen: 90.87 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

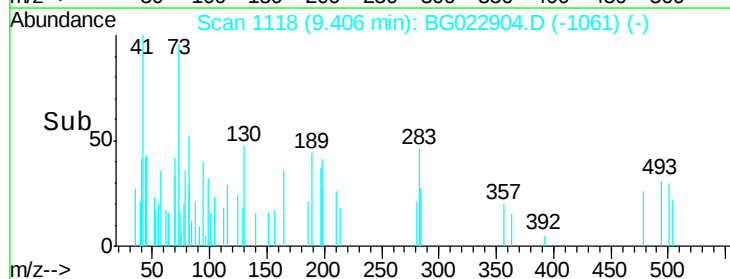
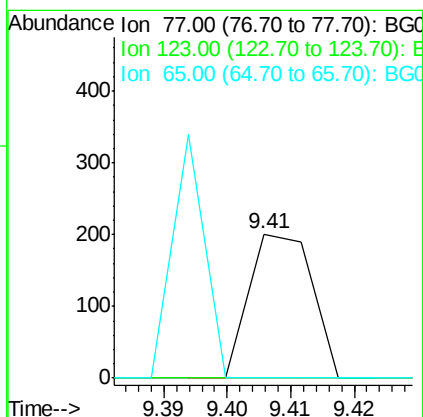
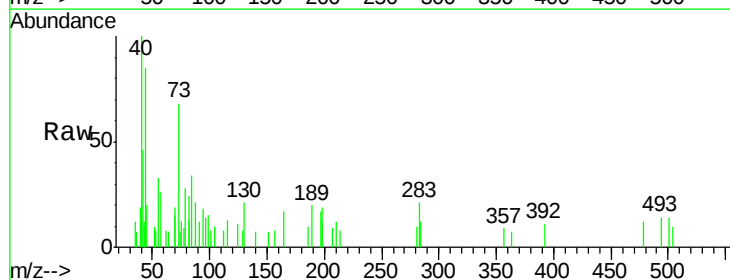
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

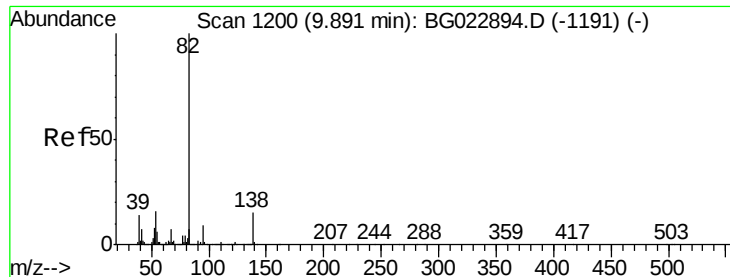
Tgt Ion: 82 Resp: 925314
 Ion Ratio Lower Upper
 82 100
 128 31.8 24.4 36.6
 54 47.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 0.01 ng
 RT: 9.41 min Scan# 1118
 Delta R.T. 0.04 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion: 77 Resp: 137
 Ion Ratio Lower Upper
 77 100
 123 0.0 25.0 37.6#
 65 0.0 13.4 20.0#





#25

Isophorone

Concen: 0.04 ng

RT: 9.85 min Scan# 1194

Delta R.T. -0.04 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

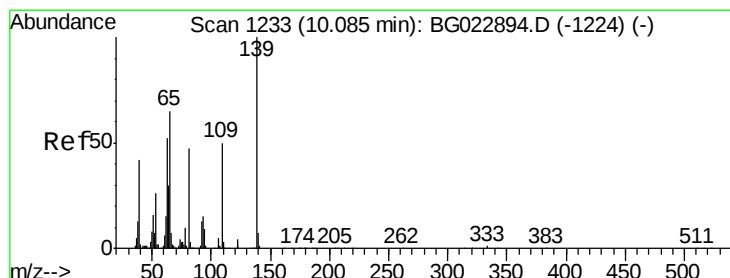
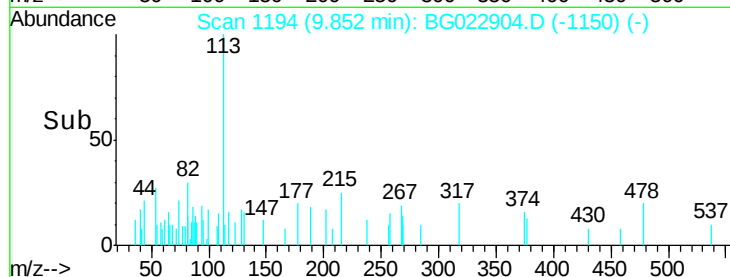
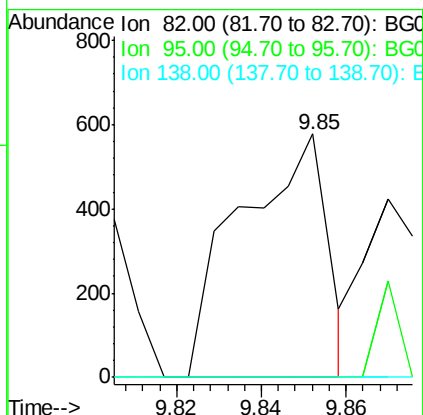
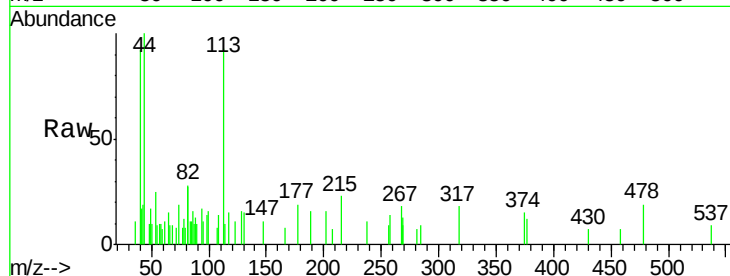
Tgt Ion: 82 Resp: 828

Ion Ratio Lower Upper

82 100

95 0.0 8.2 12.2#

138 0.0 10.7 16.1#



#26

2-Nitrophenol

Concen: 0.01 ng

RT: 10.20 min Scan# 1253

Delta R.T. 0.11 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

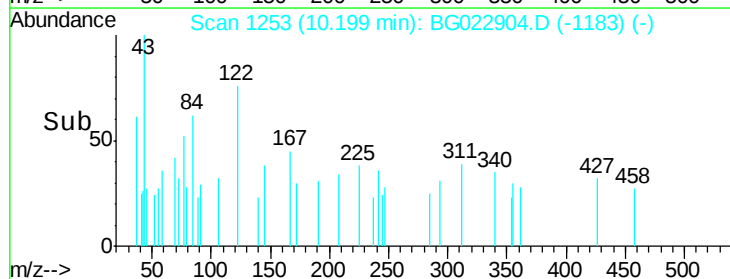
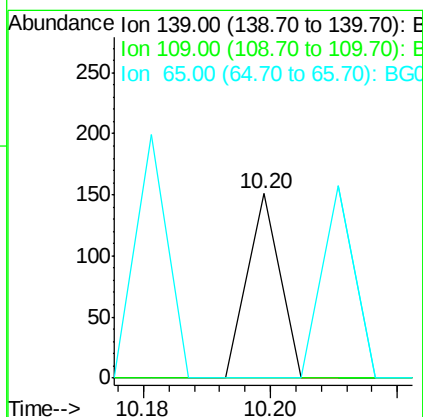
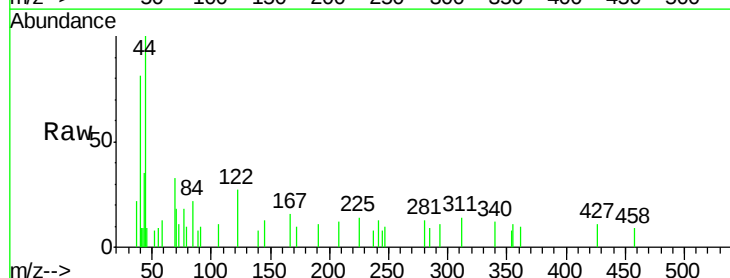
Tgt Ion: 139 Resp: 53

Ion Ratio Lower Upper

139 100

109 0.0 43.5 65.3#

65 0.0 64.3 96.5#





#27

2,4-Dimethylphenol

Concen: 0.02 ng

RT: 10.13 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampled :

LIP-16

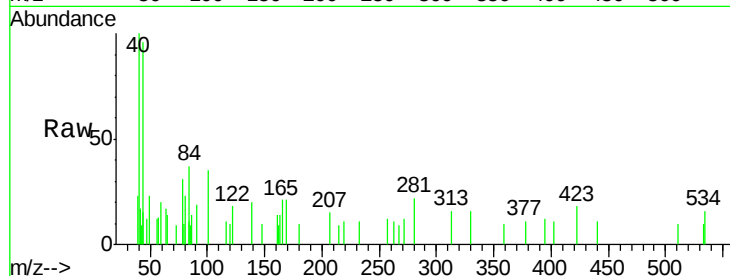
Tgt Ion: 122 Resp: 112

Ion Ratio Lower Upper

122 100

107 0.0 117.0 175.4#

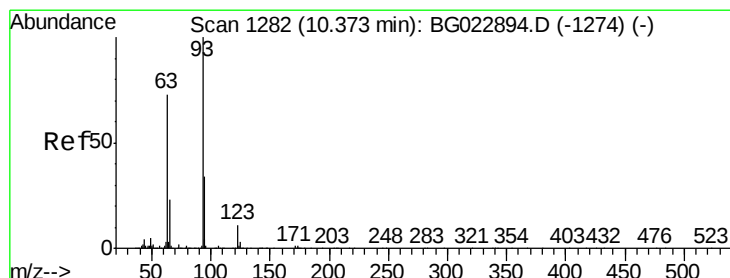
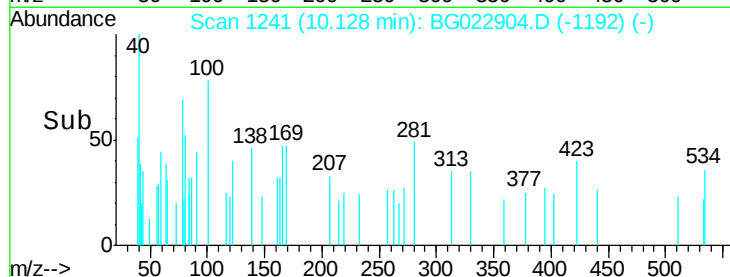
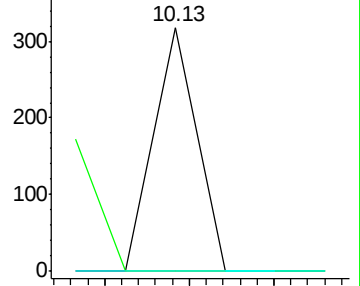
121 0.0 50.1 75.1#



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: 0.01 ng

RT: 10.35 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

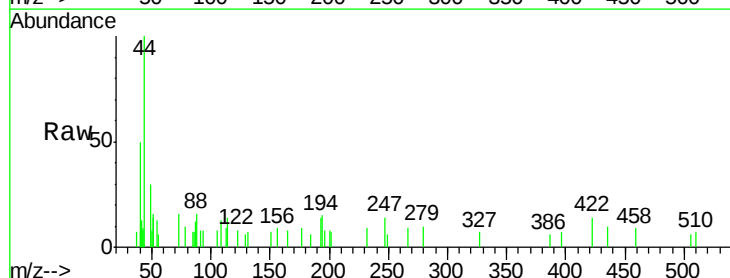
Tgt Ion: 93 Resp: 66

Ion Ratio Lower Upper

93 100

95 0.0 25.4 38.2#

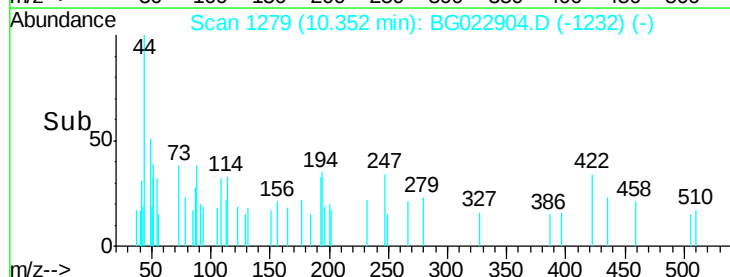
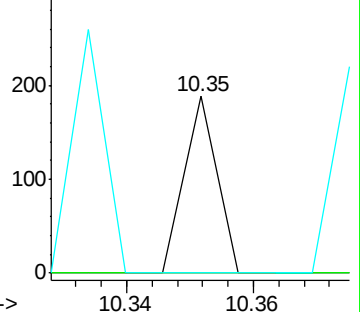
123 0.0 8.2 12.2#

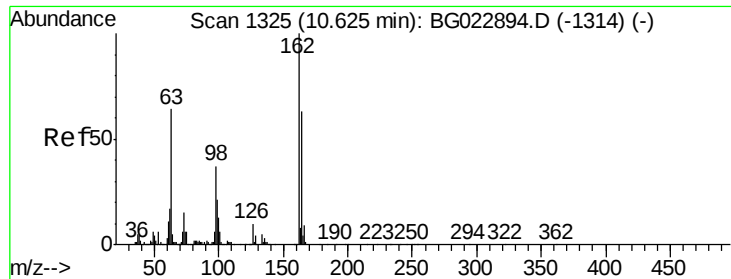


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

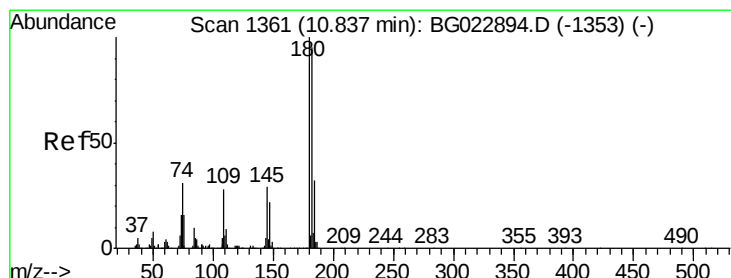
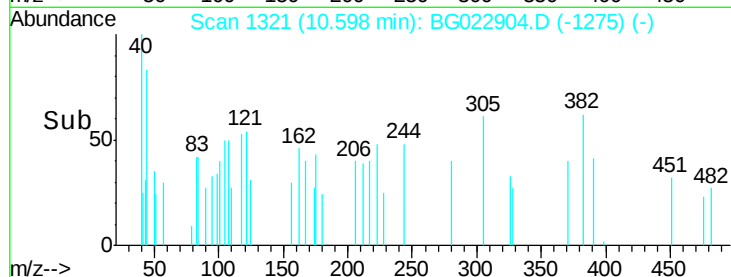
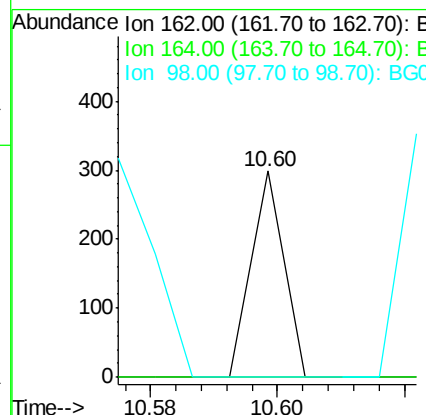
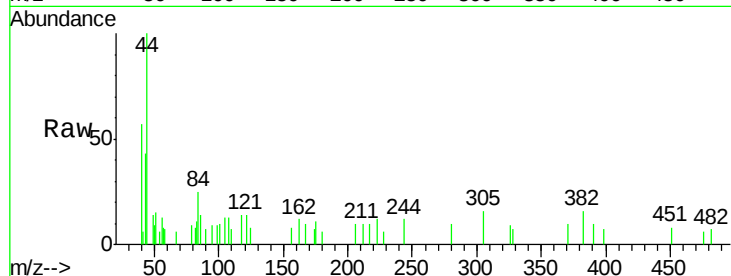




#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 10.60 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

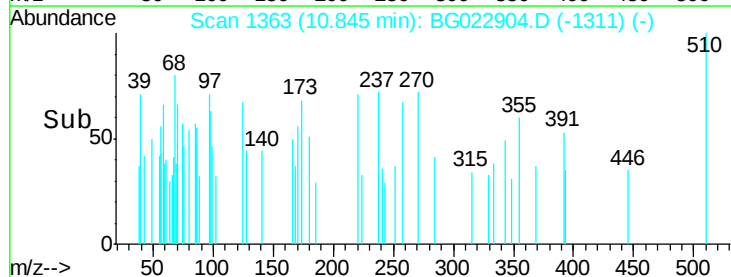
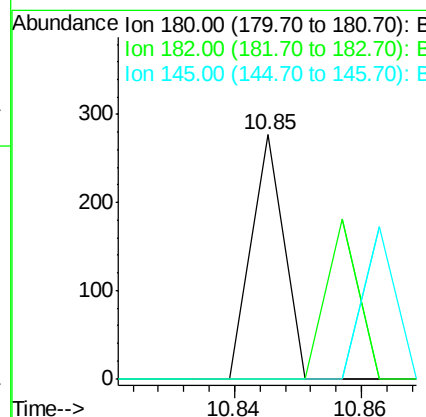
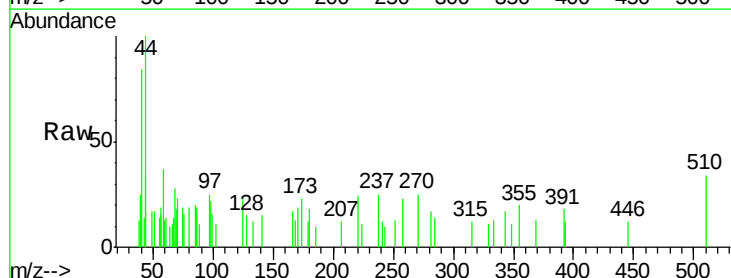
Instrument :
BNA_G
ClientSampleId :
LIP-16

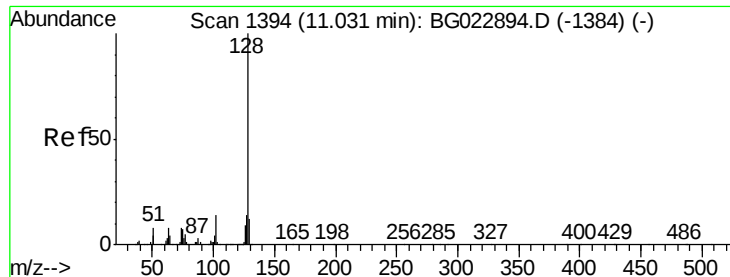
Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.3	84.3#
98	0.0	19.5	59.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.01 ng
RT: 10.85 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	73.8	110.8#
145	0.0	24.4	36.6#





#31

Naphthalene

Concen: 0.01 ng

RT: 11.04 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampled :

LIP-16

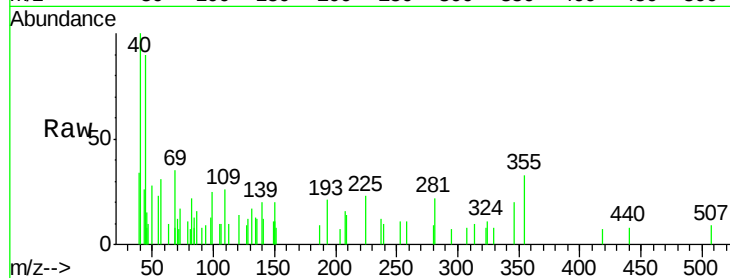
Tgt Ion:128 Resp: 157

Ion Ratio Lower Upper

128 100

129 0.0 9.4 14.0#

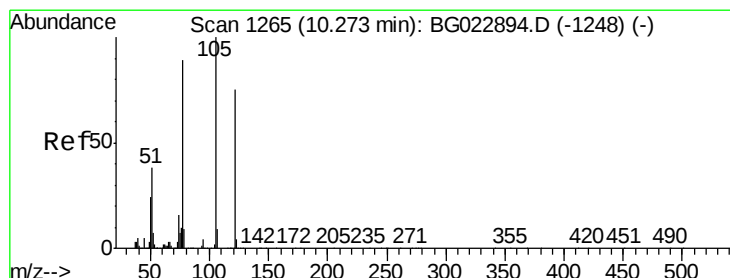
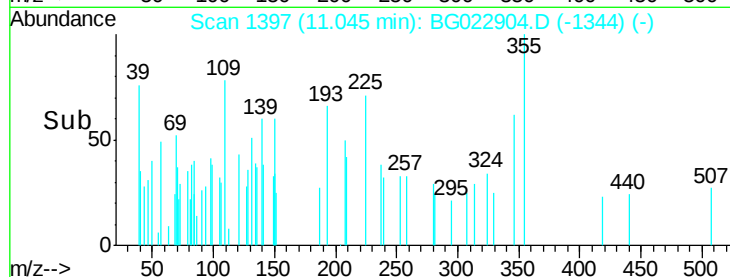
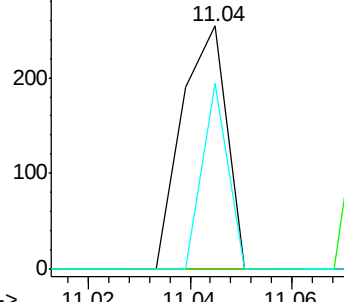
127 76.4 11.3 16.9#



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: 0.01 ng

RT: 10.28 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

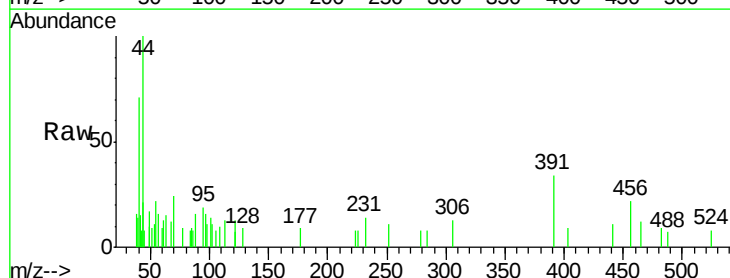
Tgt Ion:122 Resp: 100

Ion Ratio Lower Upper

122 100

105 59.9 117.2 157.2#

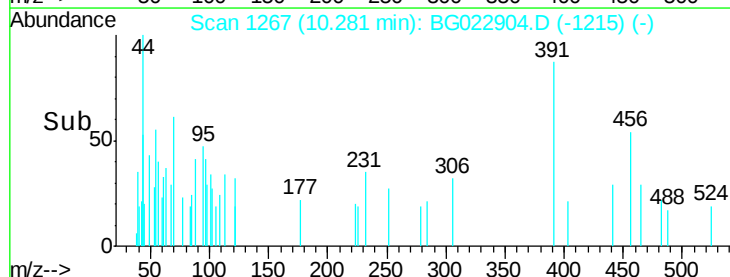
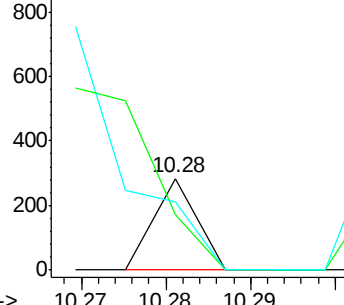
77 73.9 109.2 149.2#

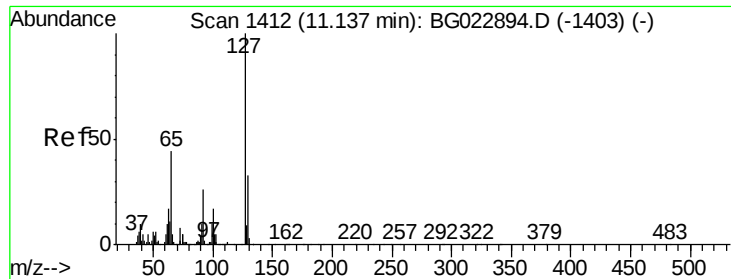


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

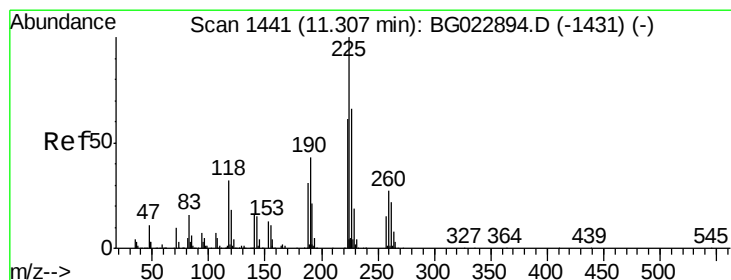
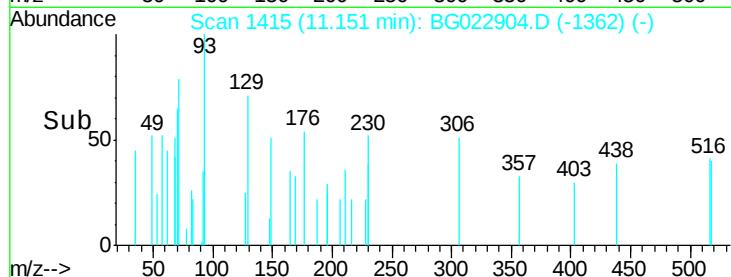
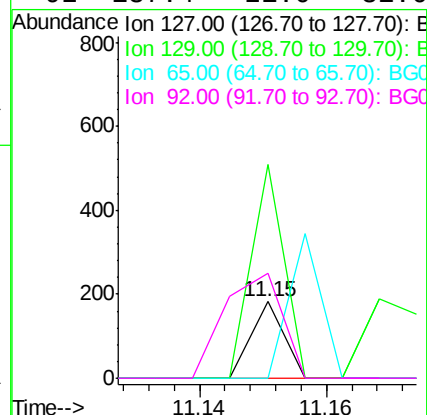
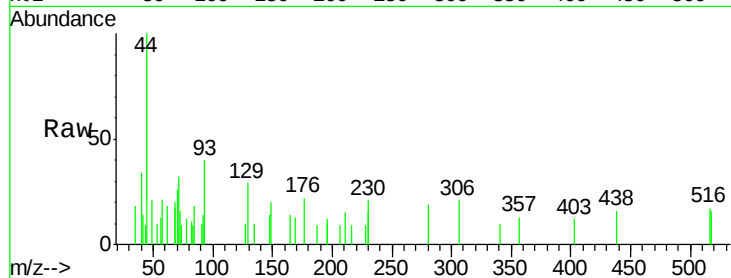




#33
4-Chloroaniline
Concen: 0.01 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

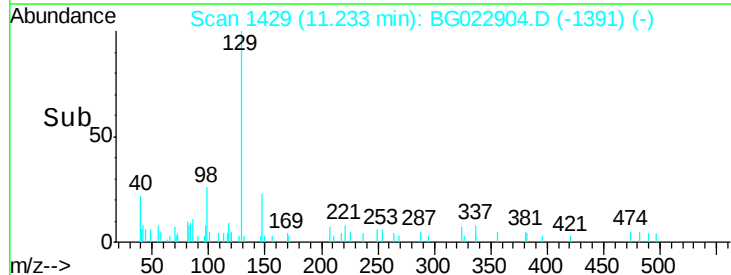
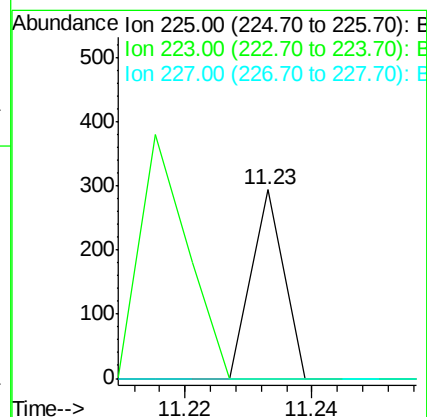
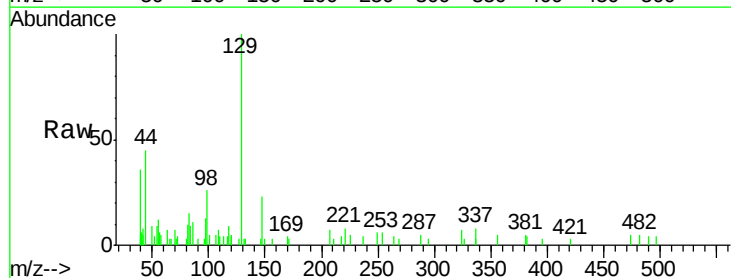
Instrument :
BNA_G
ClientSampleId :
LIP-16

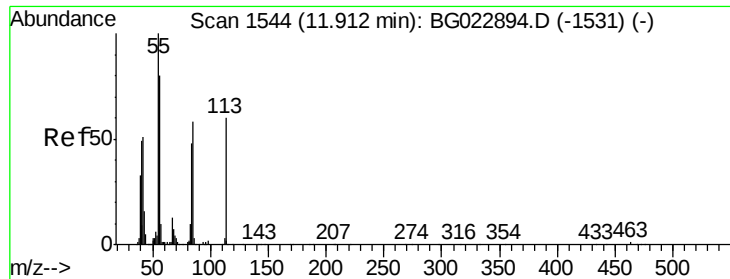
Tgt Ion	Ratio	Lower	Upper
127	100		
129	279.7	27.9	41.9#
65	0.0	36.8	55.2#
92	137.4	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 0.01 ng
RT: 11.23 min Scan# 1429
Delta R.T. -0.07 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

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





#35

Caprolactam

Concen: 0.08 ng

RT: 11.90 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

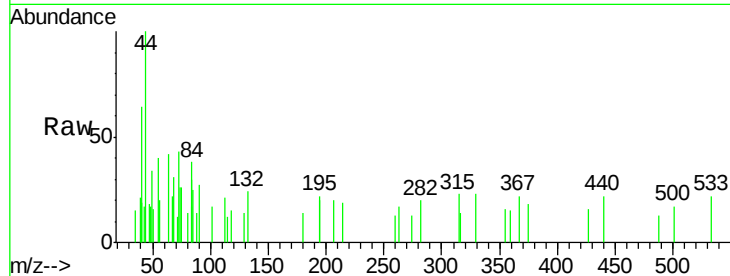
Tgt Ion:113 Resp: 258

Ion Ratio Lower Upper

113 100

55 188.8 154.5 194.5

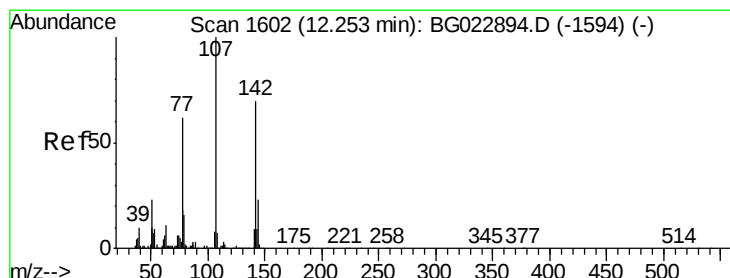
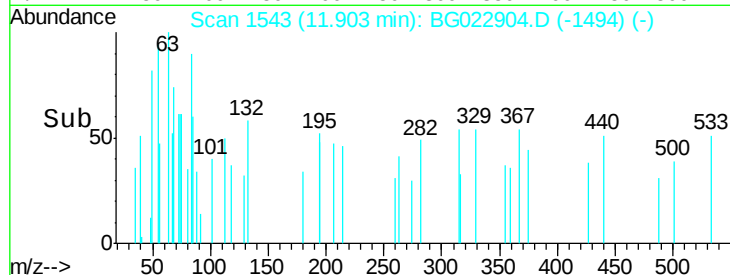
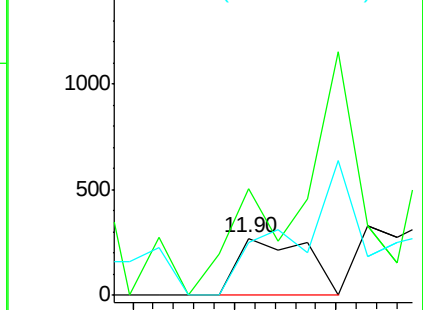
56 93.3 125.1 165.1#



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: 0.01 ng

RT: 12.23 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

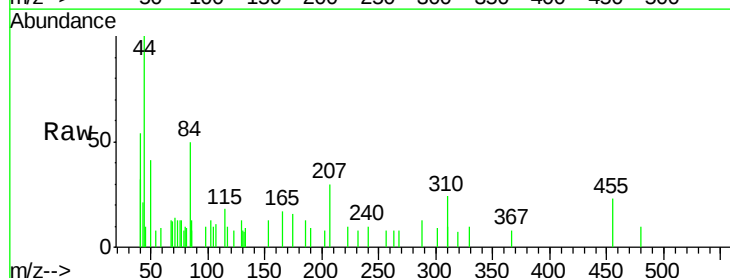
Tgt Ion:107 Resp: 79

Ion Ratio Lower Upper

107 100

144 0.0 17.0 25.6#

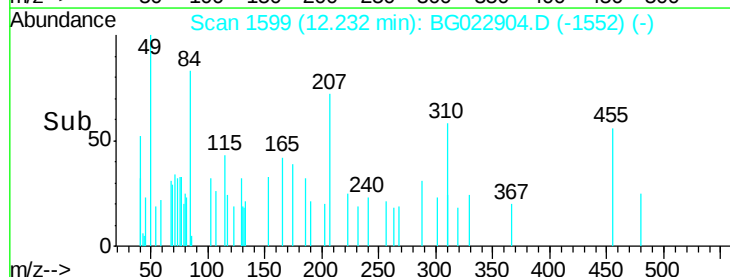
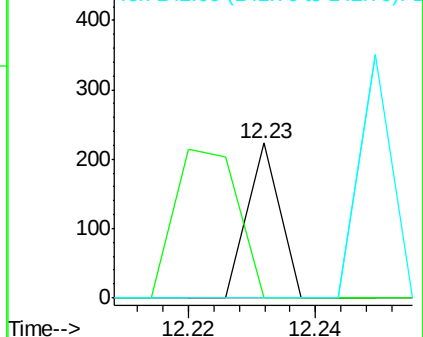
142 0.0 53.0 79.6#

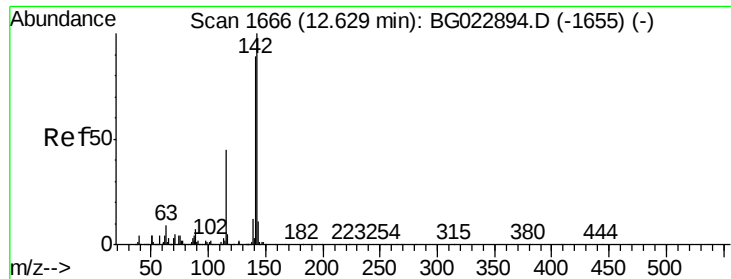


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

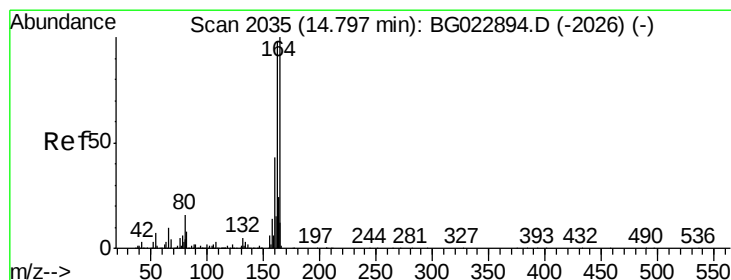
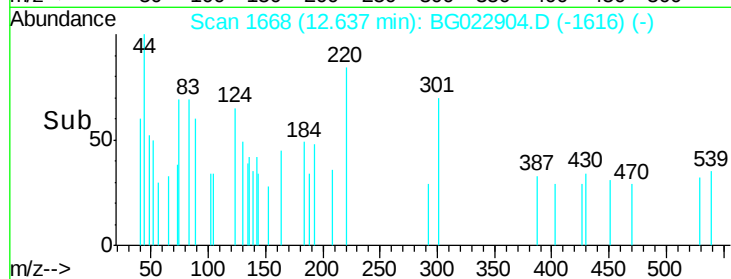
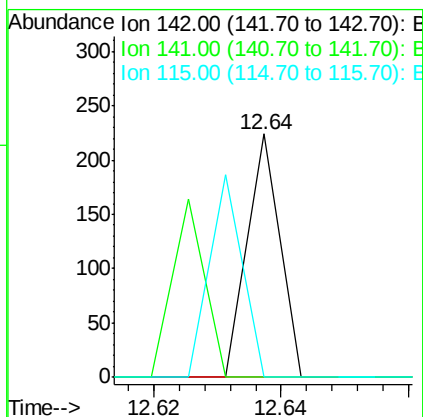
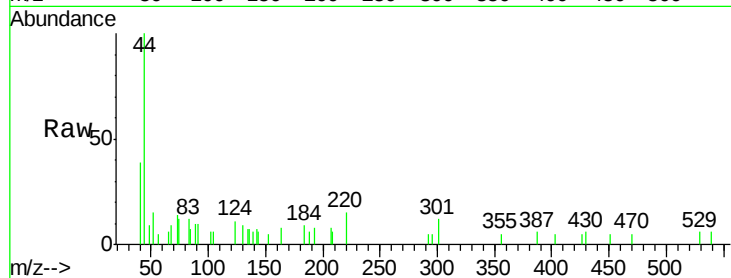




#37
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.64 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

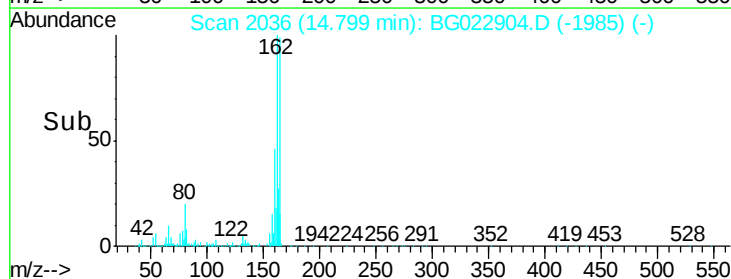
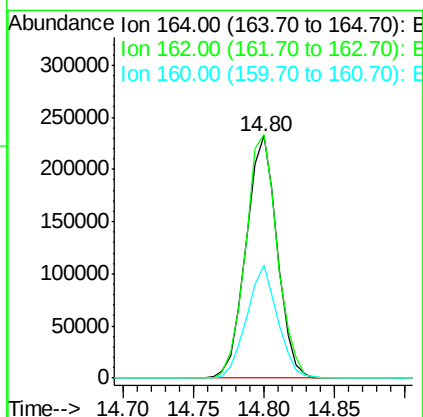
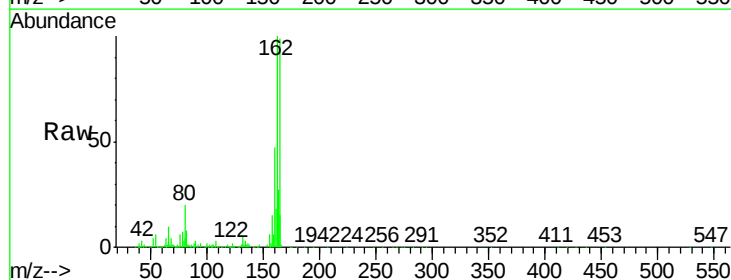
Instrument :
BNA_G
ClientSampleId :
LIP-16

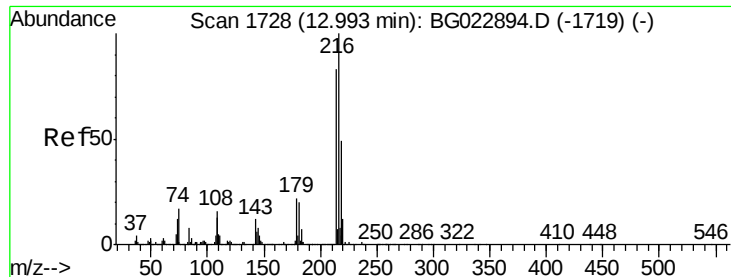
Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
141 0.0 70.2 105.2#
115 0.0 41.7 62.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:164 Resp: 358538
Ion Ratio Lower Upper
164 100
162 100.6 87.7 131.5
160 46.8 37.2 55.8

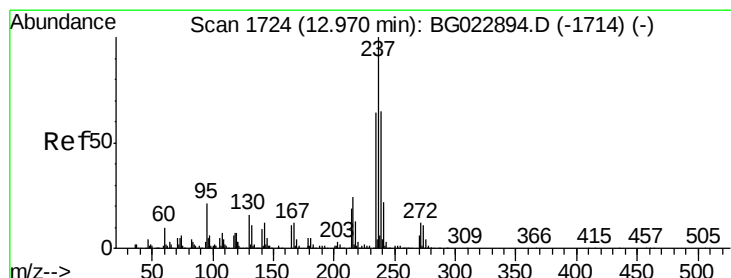
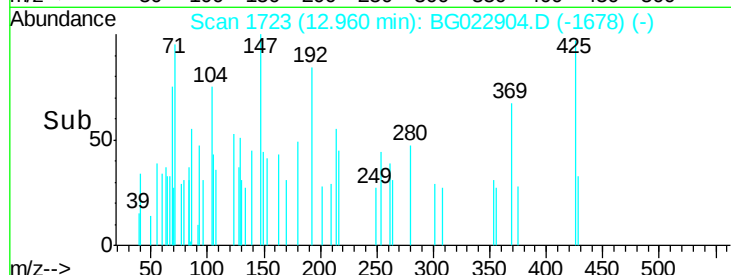
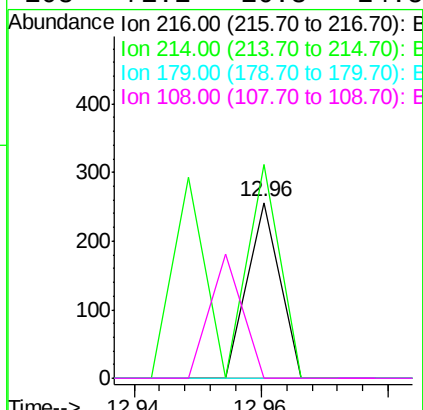
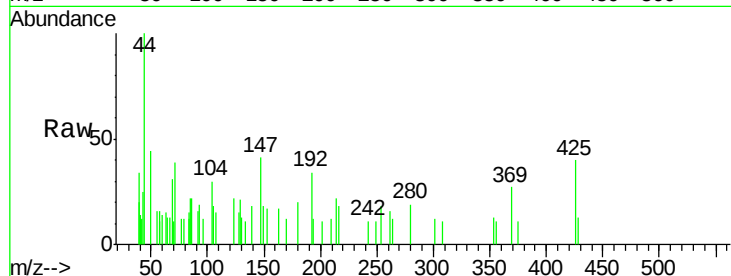




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.01 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.03 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

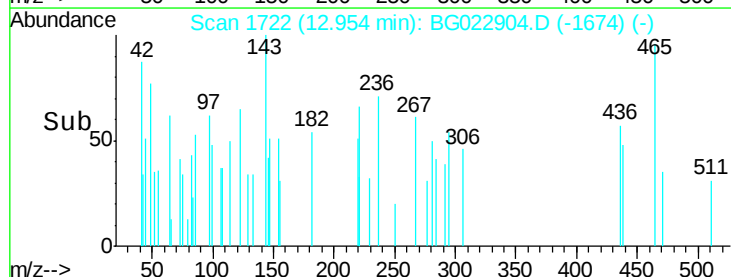
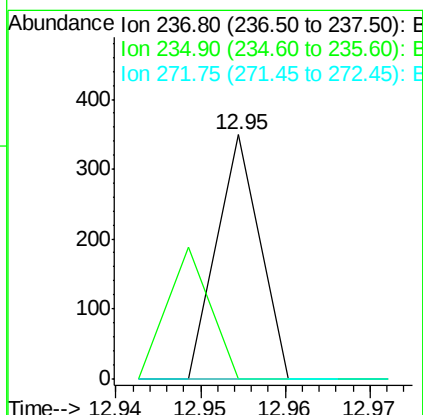
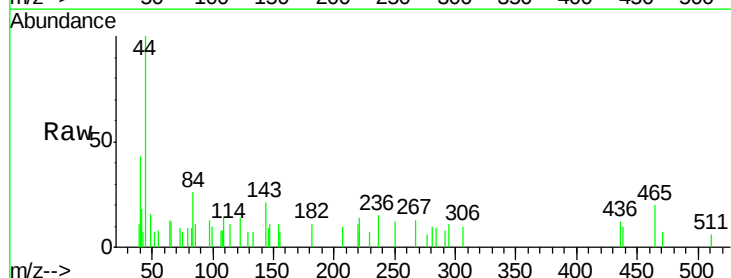
Instrument :
 BNA_G
 ClientSampled :
 LIP-16

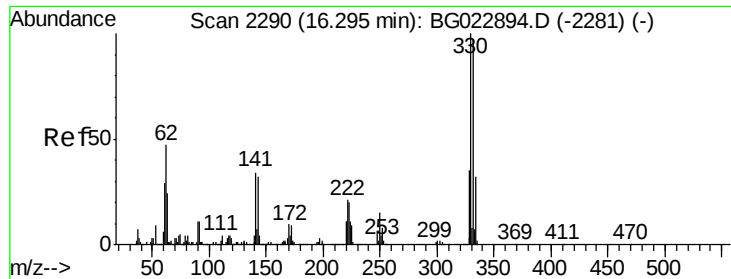
Tgt Ion:216 Resp: 90
 Ion Ratio Lower Upper
 216 100
 214 236.7 62.9 94.3#
 179 0.0 17.2 25.8#
 108 71.1 16.3 24.5#



#40
 Hexachlorocyclopentadiene
 Concen: 0.01 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:237 Resp: 123
 Ion Ratio Lower Upper
 237 100
 235 0.0 43.1 83.1#
 272 0.0 0.0 30.9

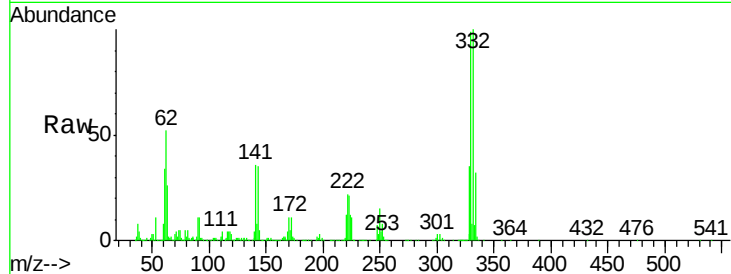




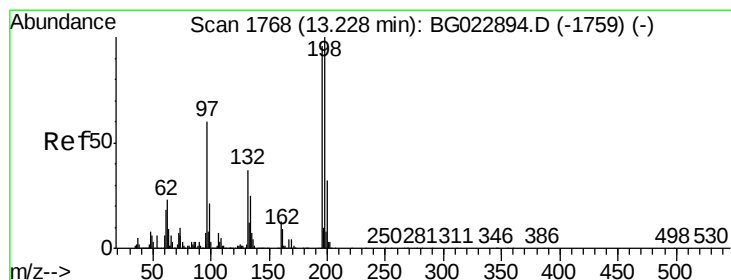
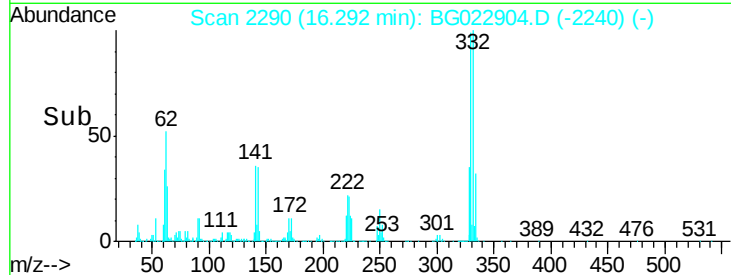
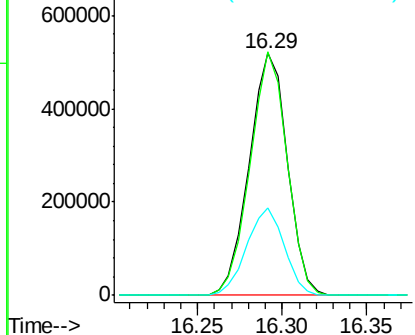
#41
 2,4,6-Tribromophenol
 Concen: 126.25 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tgt Ion:330 Resp: 813518
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 35.7 31.7 47.5

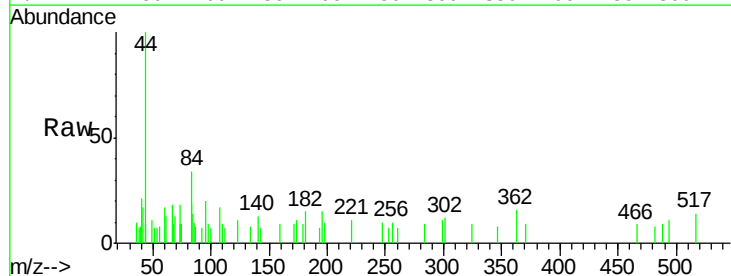


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

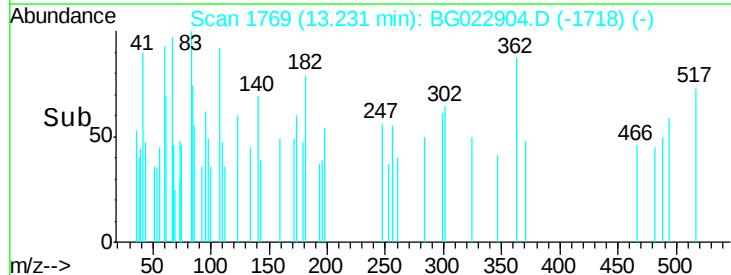
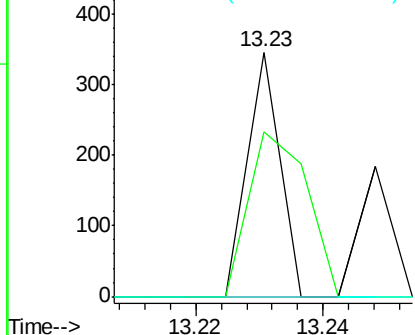


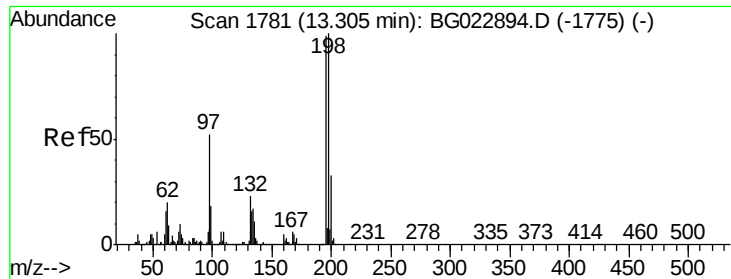
#42
 2,4,6-Trichlorophenol
 Concen: 0.01 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:196 Resp: 122
 Ion Ratio Lower Upper
 196 100
 198 67.6 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

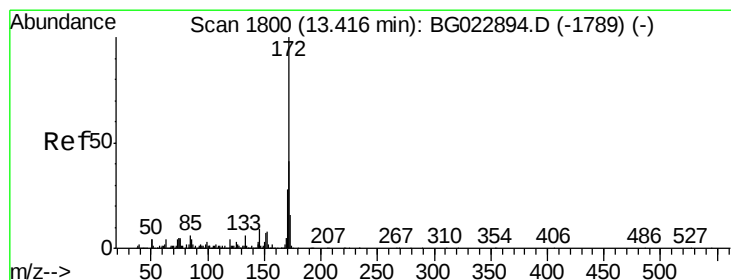
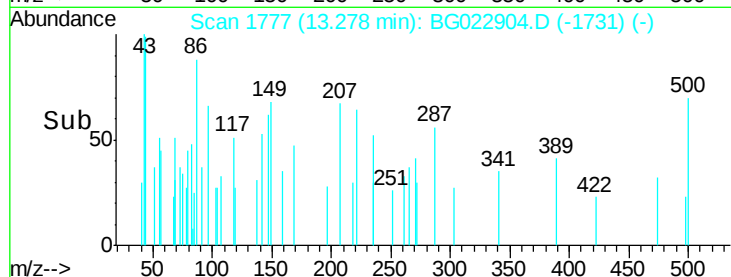
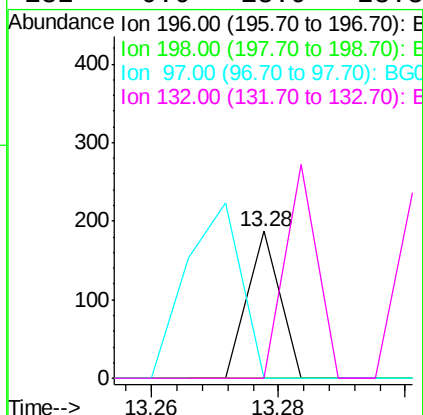
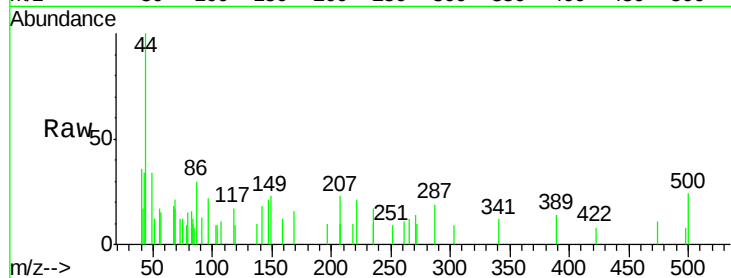




#43
2,4,5-Trichlorophenol
Concen: 0.01 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.03 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

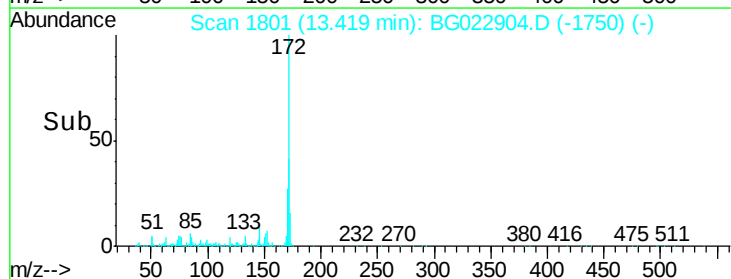
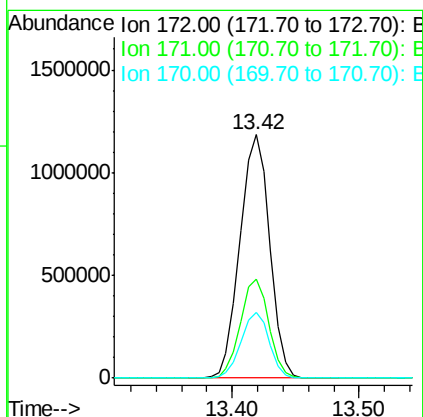
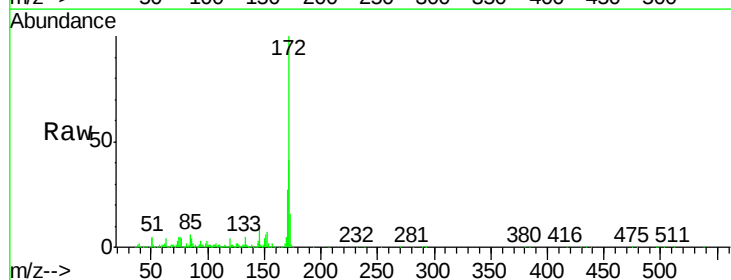
Instrument :
BNA_G
ClientSampled :
LIP-16

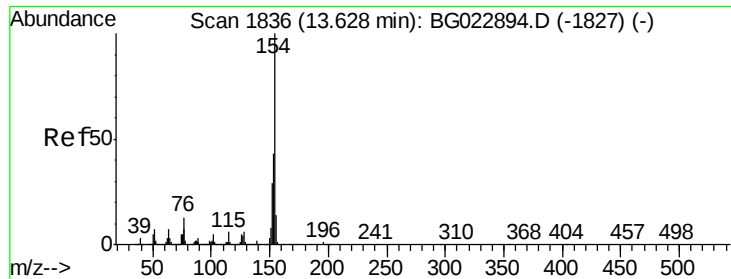
Tgt Ion:196 Resp: 66
Ion Ratio Lower Upper
196 100
198 0.0 85.7 128.5#
97 0.0 45.5 68.3#
132 0.0 18.9 28.3#



#44
2-Fluorobiphenyl
Concen: 84.47 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:172 Resp: 1922669
Ion Ratio Lower Upper
172 100
171 40.9 31.6 47.4
170 26.9 21.3 31.9

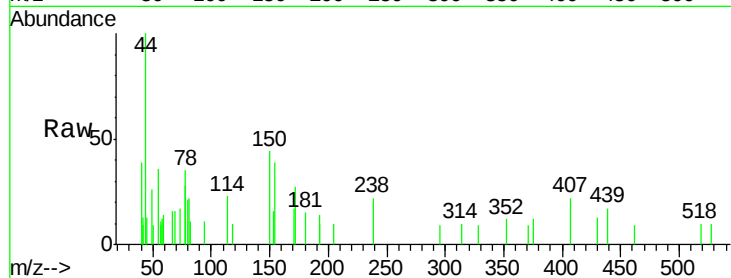




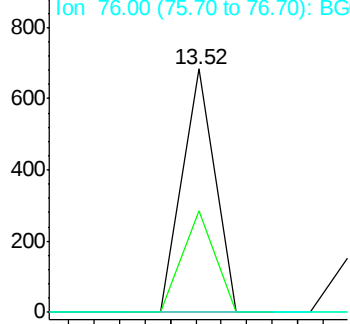
#45
 1,1'-Biphenyl
 Concen: 0.01 ng
 RT: 13.52 min Scan# 1819
 Delta R.T. -0.10 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Instrument :
 BNA_G
 ClientSampled :
 LIP-16

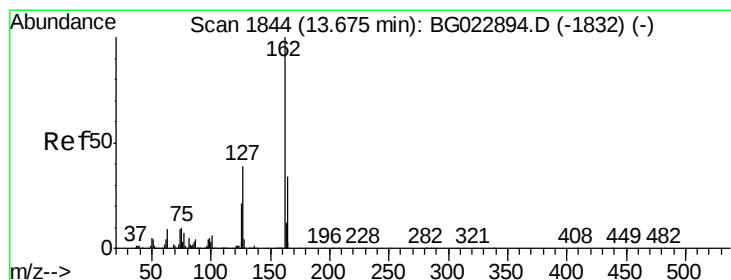
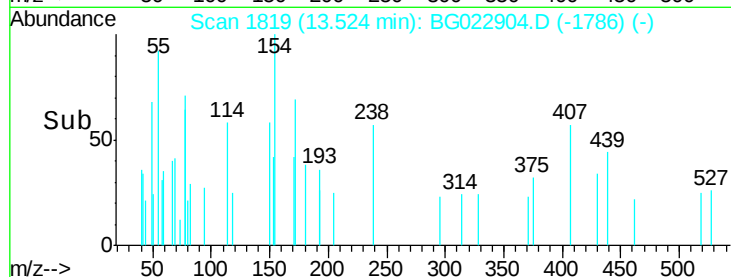
Tgt Ion:	154	Resp:	241
Ion Ratio	Lower	Upper	
154	100		
153	41.7	20.2	60.2
76	0.0	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

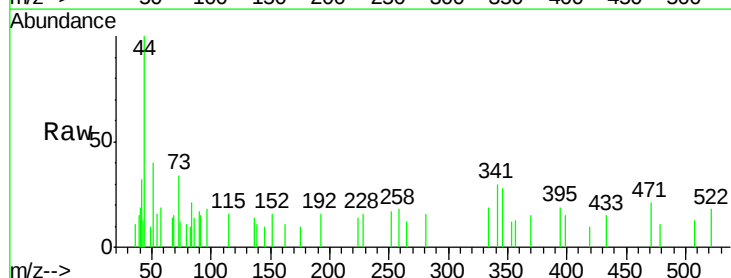


Time-->

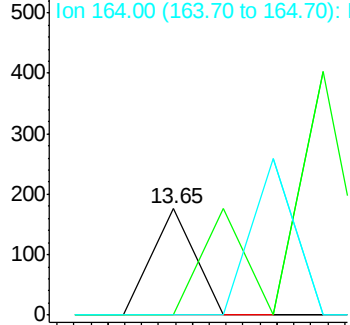


#46
 2-Chloronaphthalene
 Concen: 0.00 ng
 RT: 13.65 min Scan# 1840
 Delta R.T. -0.03 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

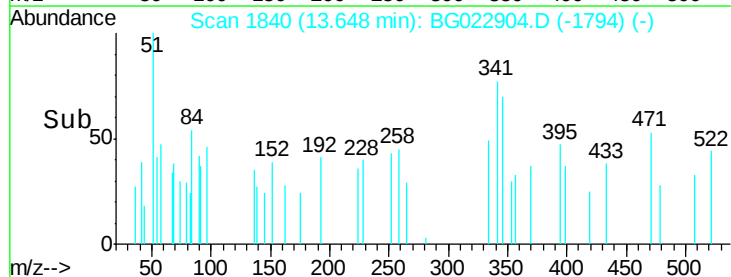
Tgt Ion:	162	Resp:	62
Ion Ratio	Lower	Upper	
162	100		
127	0.0	32.4	48.6#
164	0.0	25.2	37.8#

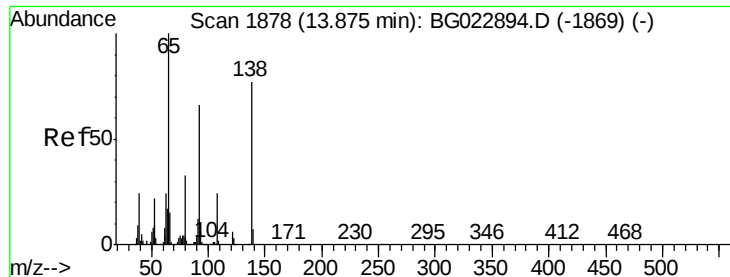


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 0.01 ng

RT: 13.85 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

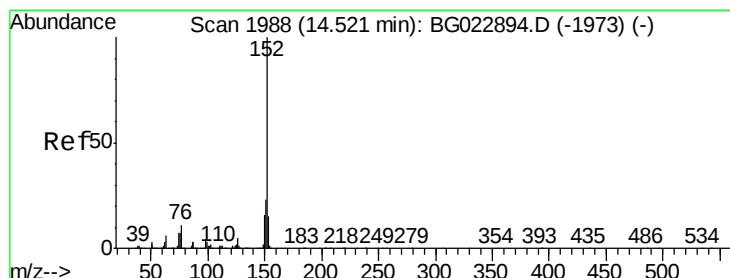
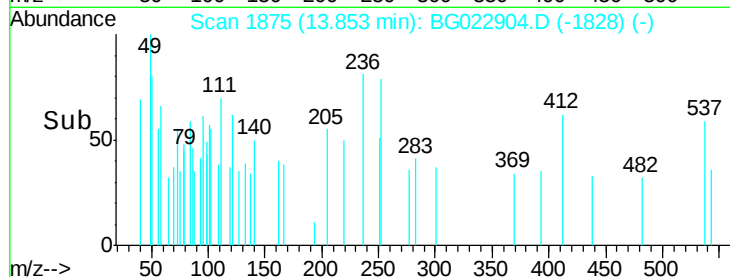
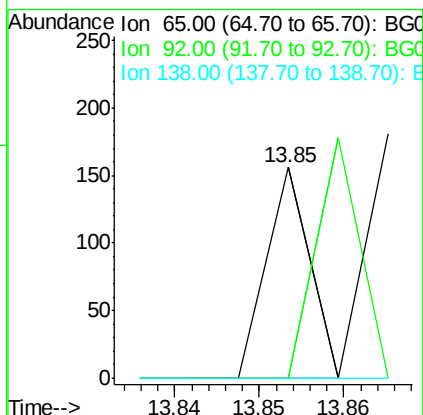
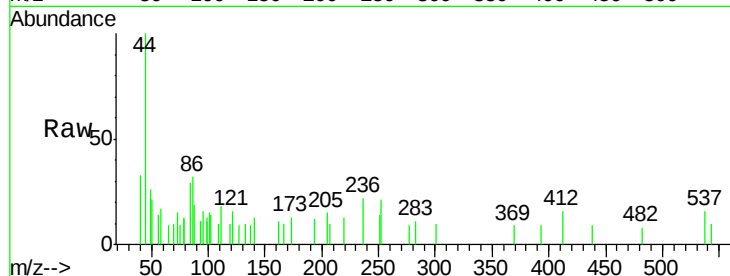
Tgt Ion: 65 Resp: 55

Ion Ratio Lower Upper

65 100

92 0.0 49.4 74.0#

138 0.0 58.0 87.0#



#48

Acenaphthylene

Concen: 0.00 ng

RT: 14.49 min Scan# 1984

Delta R.T. -0.03 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

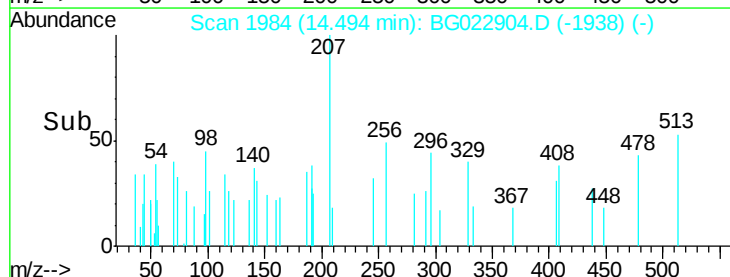
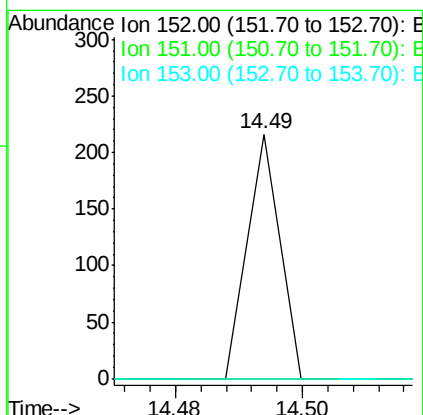
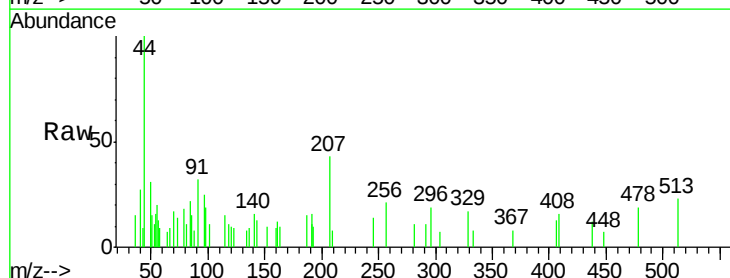
Tgt Ion: 152 Resp: 76

Ion Ratio Lower Upper

152 100

151 0.0 17.6 26.4#

153 0.0 11.4 17.2#





#49

Dimethylphthalate

Concen: 5.88 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

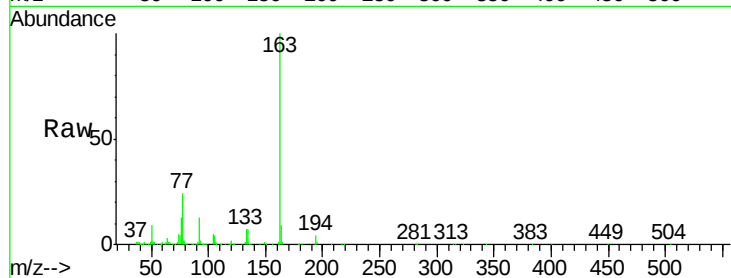
Tgt Ion:163 Resp: 172159

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

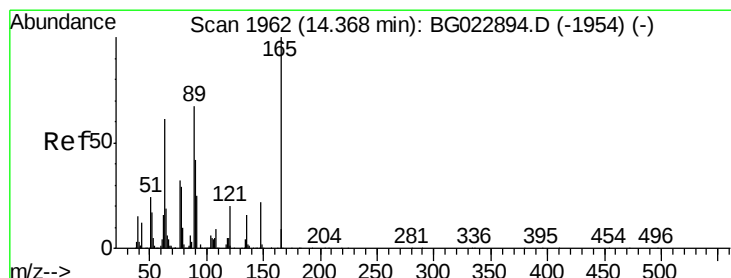
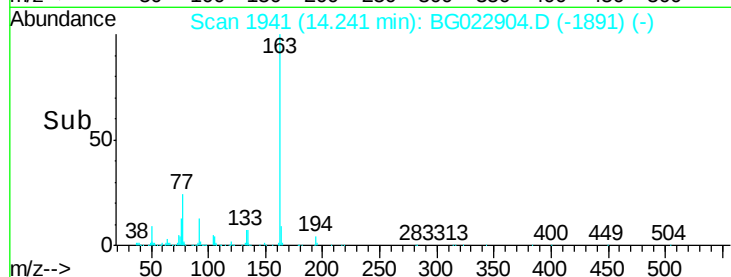
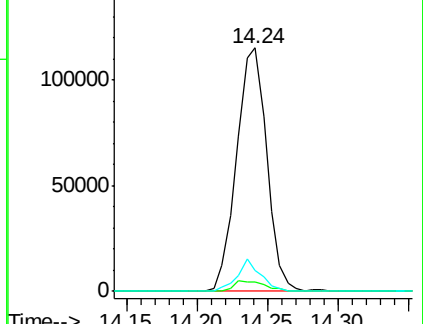
164 8.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.01 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

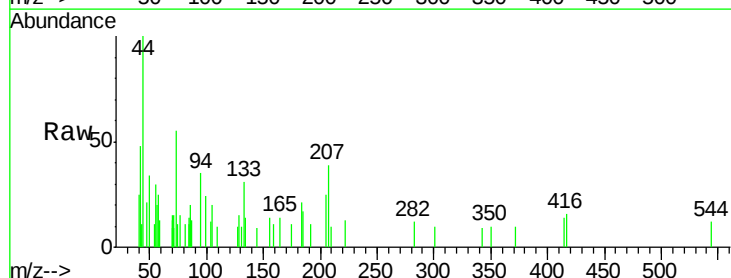
Tgt Ion:165 Resp: 85

Ion Ratio Lower Upper

165 100

63 0.0 64.3 96.5#

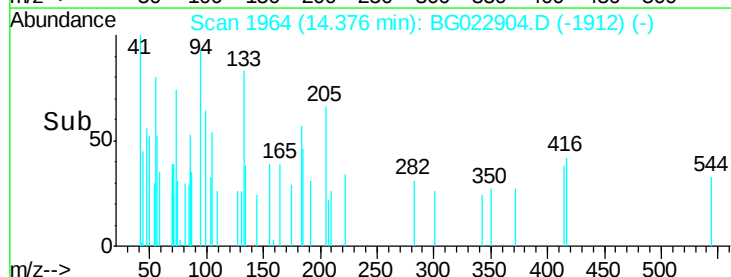
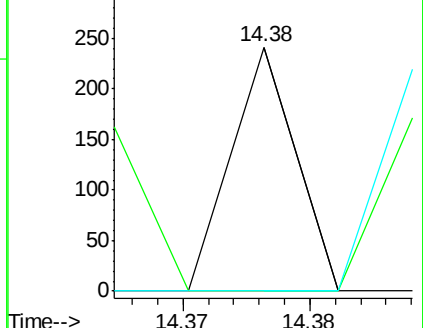
89 0.0 64.3 96.5#

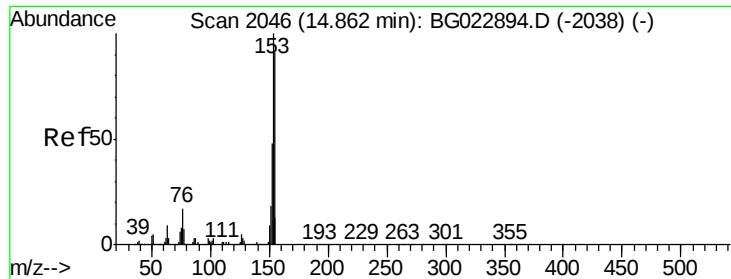


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.00 ng

RT: 14.92 min Scan# 2057

Delta R.T. 0.06 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

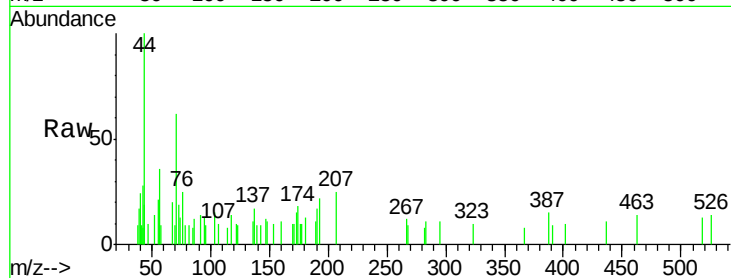
Tgt Ion:154 Resp: 64

Ion Ratio Lower Upper

154 100

153 0.0 87.5 131.3#

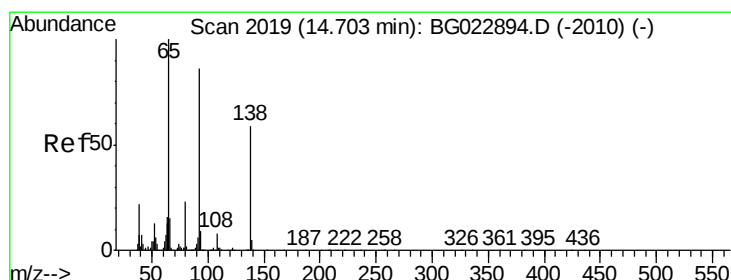
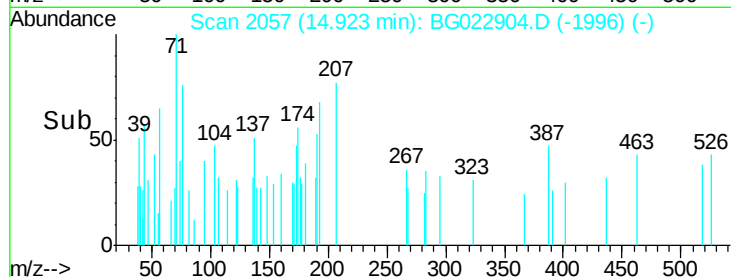
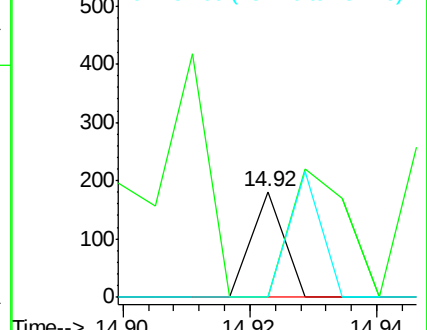
152 0.0 42.7 64.1#



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: 0.03 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

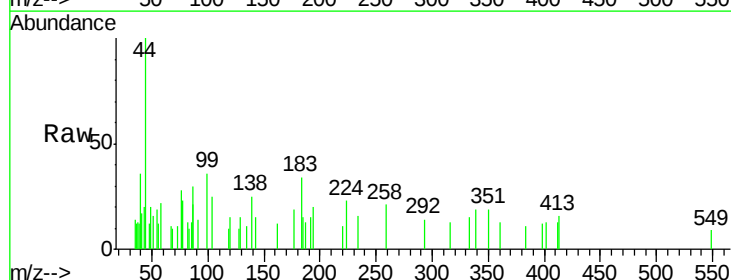
Tgt Ion:138 Resp: 201

Ion Ratio Lower Upper

138 100

108 0.0 11.7 17.5#

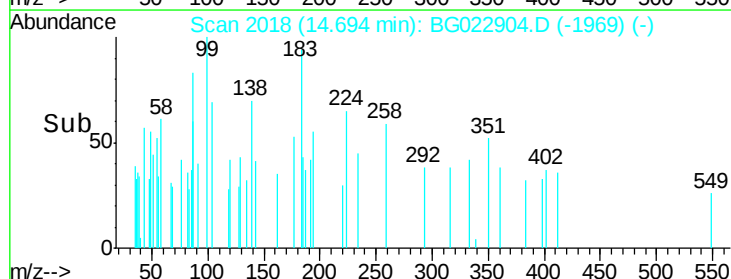
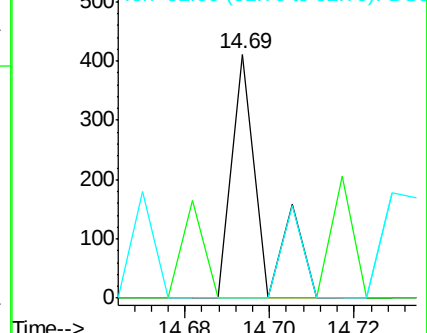
92 0.0 129.7 194.5#

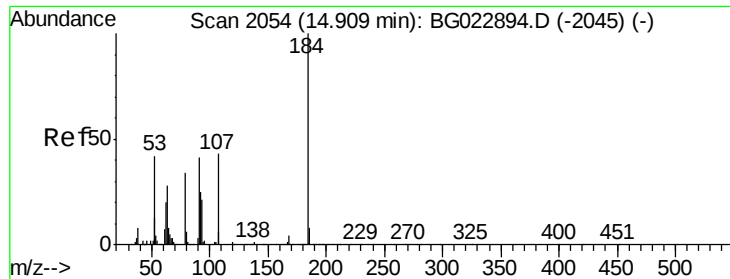


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 0.01 ng

RT: 14.89 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

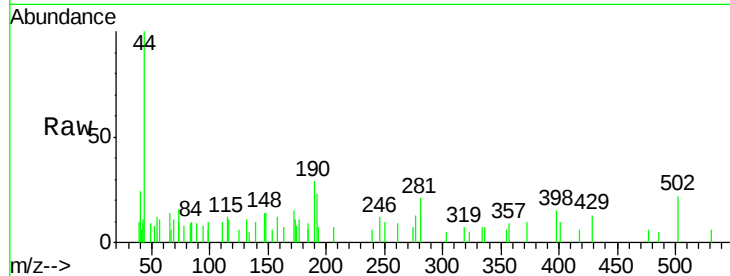
Tgt Ion:184 Resp: 59

Ion Ratio Lower Upper

184 100

63 0.0 59.6 89.4#

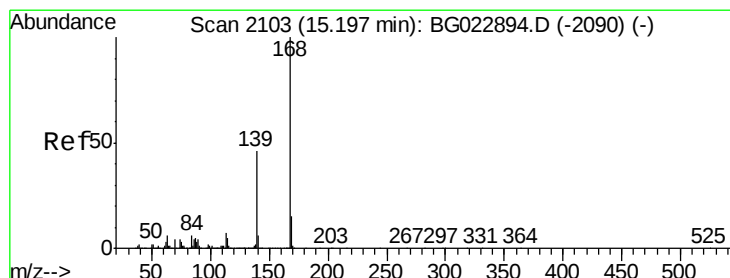
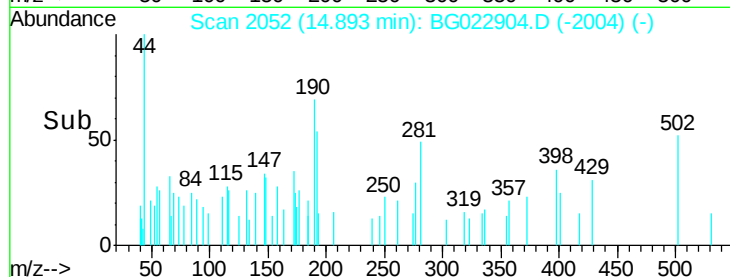
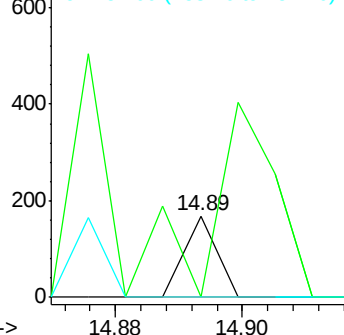
154 0.0 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 0.00 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

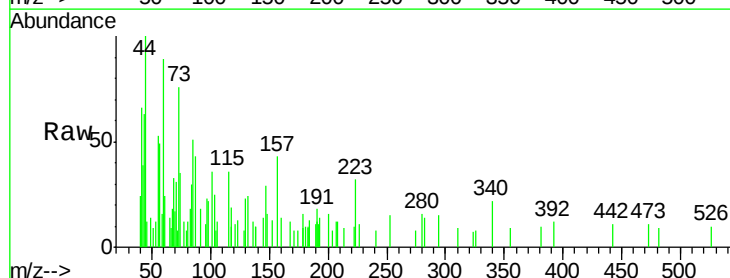
Tgt Ion:168 Resp: 86

Ion Ratio Lower Upper

168 100

139 79.8 36.4 54.6#

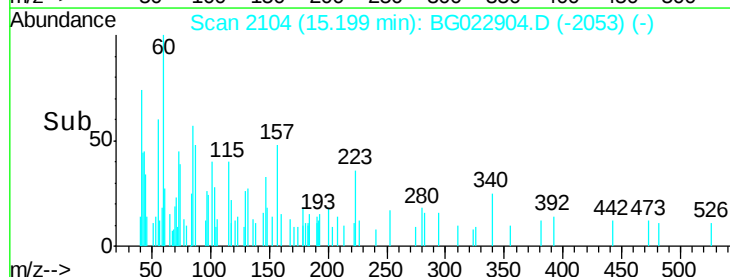
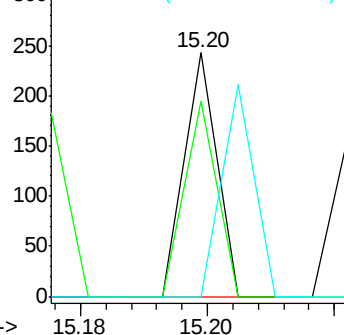
169 0.0 11.9 17.9#

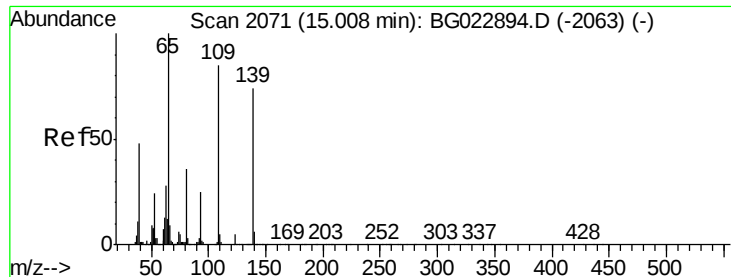


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

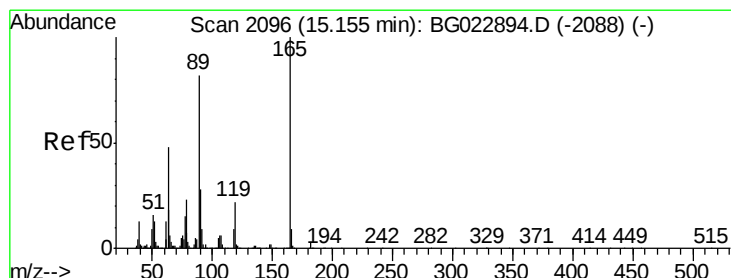
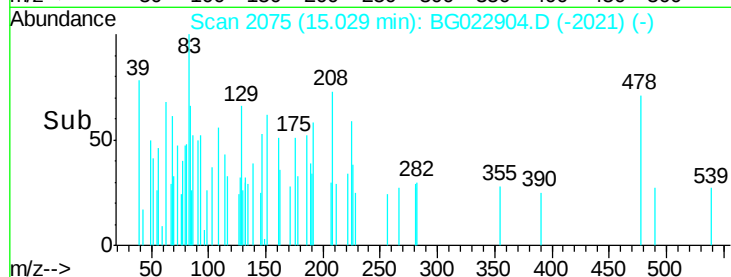
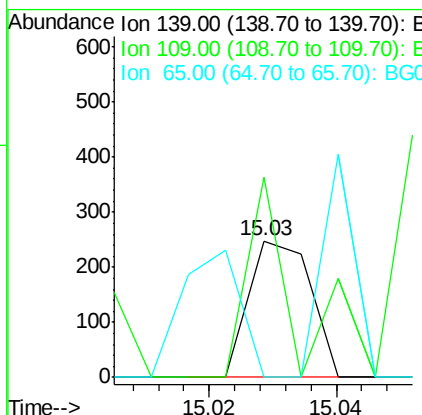
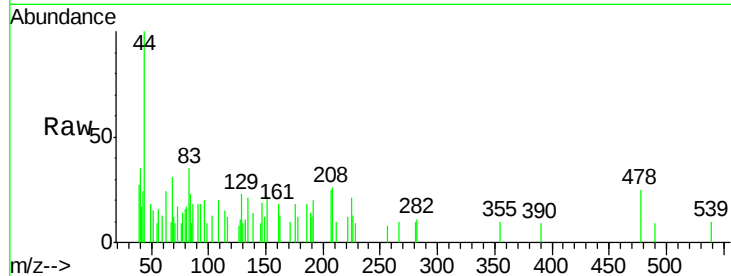




#55
4-Nitrophenol
Concen: 0.03 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

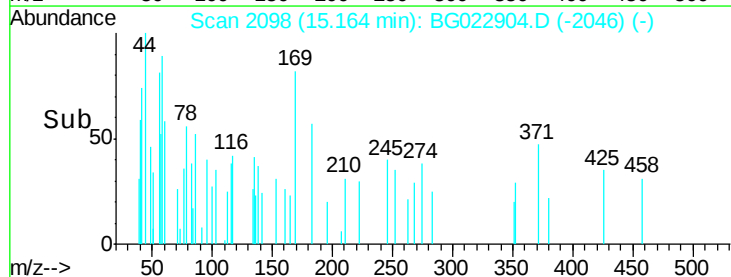
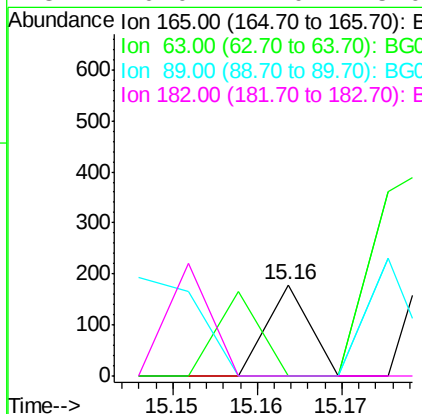
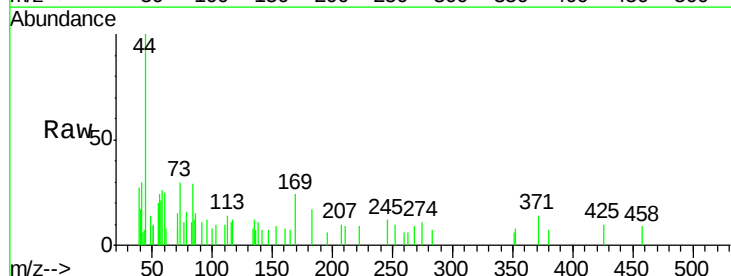
Instrument :
BNA_G
ClientSampled :
LIP-16

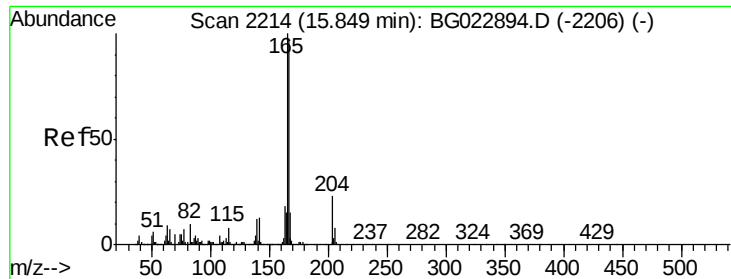
Tgt Ion:139 Resp: 167
Ion Ratio Lower Upper
139 100
109 146.4 103.0 143.0#
65 0.0 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 0.01 ng
RT: 15.16 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:165 Resp: 63
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#

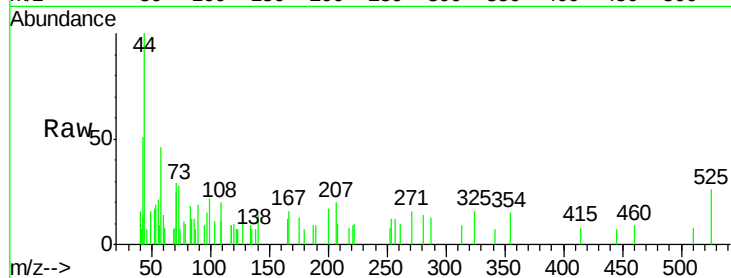




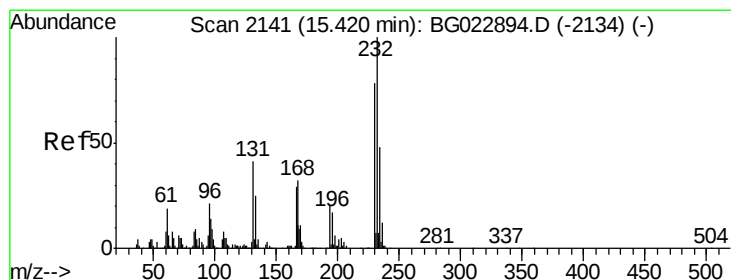
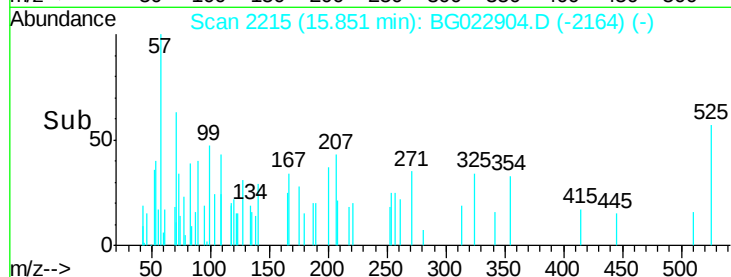
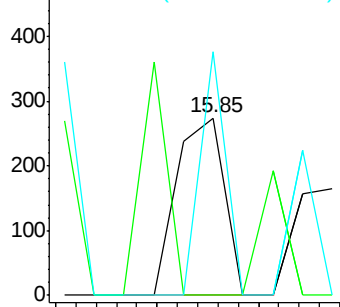
#57
Fluorene
 Concen: 0.01 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Tgt Ion:166 Resp: 181
 Ion Ratio Lower Upper
 166 100
 165 0.0 81.0 121.6#
 167 137.2 12.0 18.0#

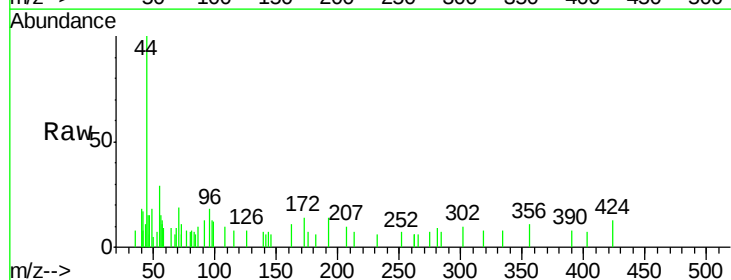


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

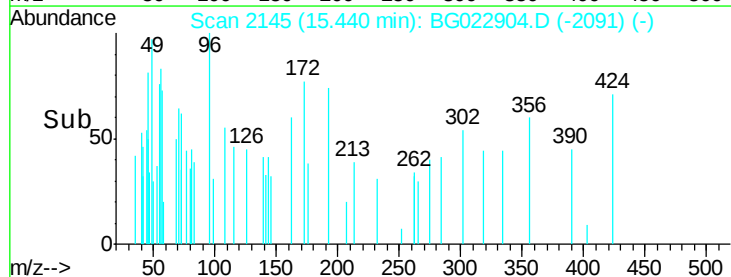
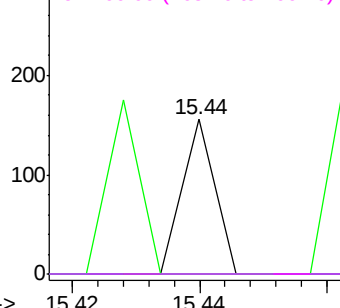


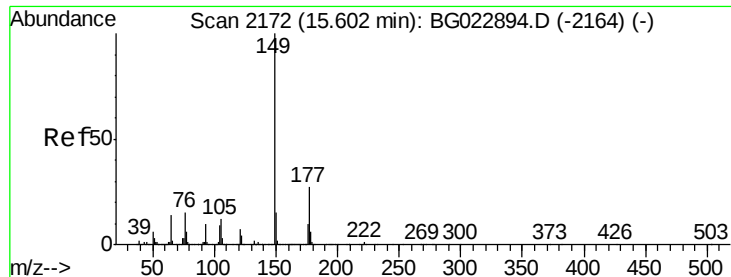
#58
2,3,4,6-Tetrachlorophenol
 Concen: 0.01 ng
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.02 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:232 Resp: 55
 Ion Ratio Lower Upper
 232 100
 131 112.7 32.7 49.1#
 130 0.0 2.6 3.8#
 166 0.0 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: 0.07 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

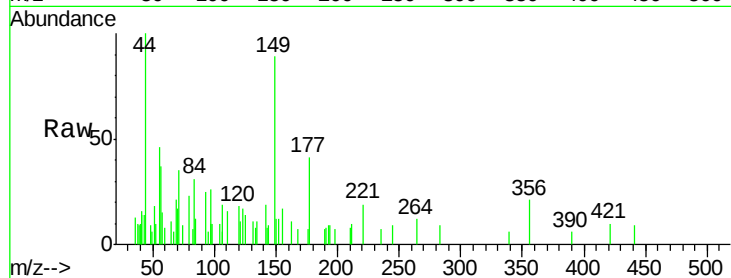
Tgt Ion:149 Resp: 2215

Ion Ratio Lower Upper

149 100

177 45.6 19.2 28.8#

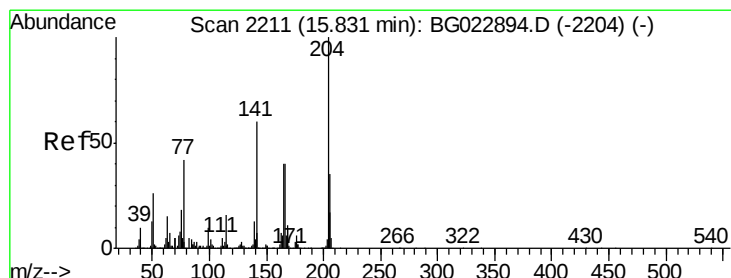
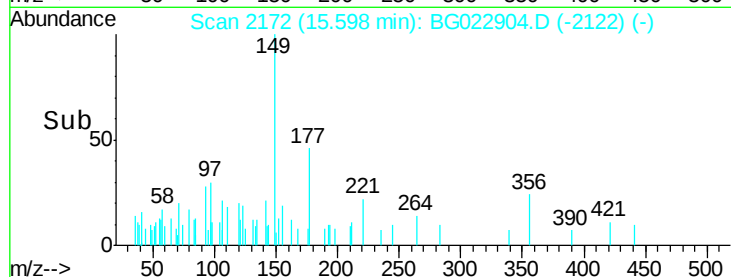
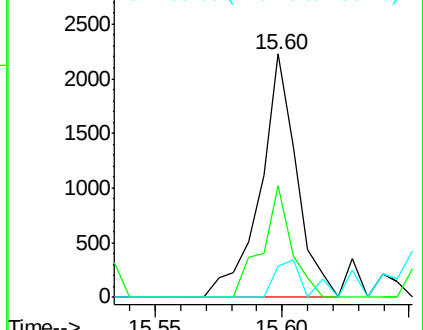
150 13.0 10.6 16.0



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: 0.00 ng

RT: 15.77 min Scan# 2202

Delta R.T. -0.06 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

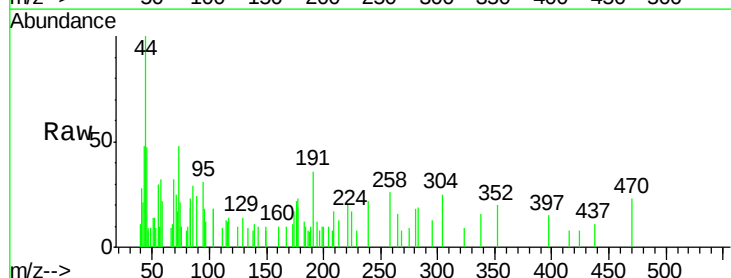
Tgt Ion:204 Resp: 72

Ion Ratio Lower Upper

204 100

206 0.0 28.5 42.7#

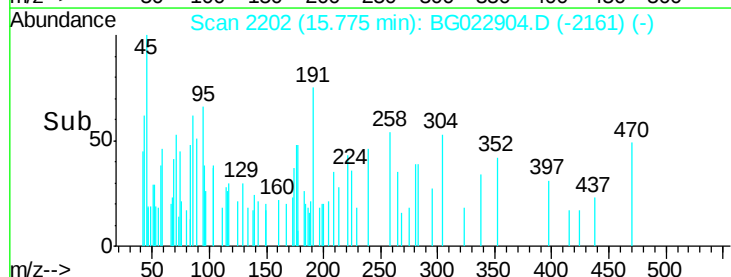
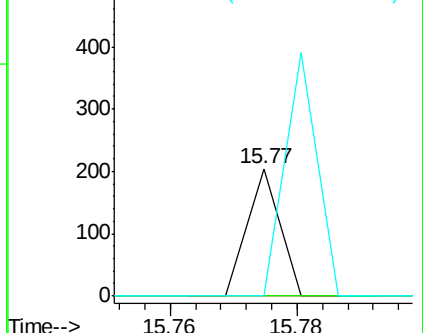
141 0.0 51.4 77.0#

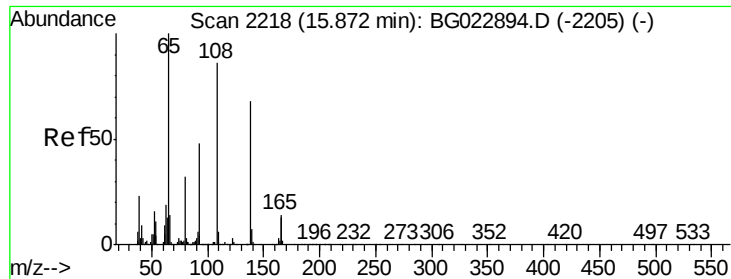


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

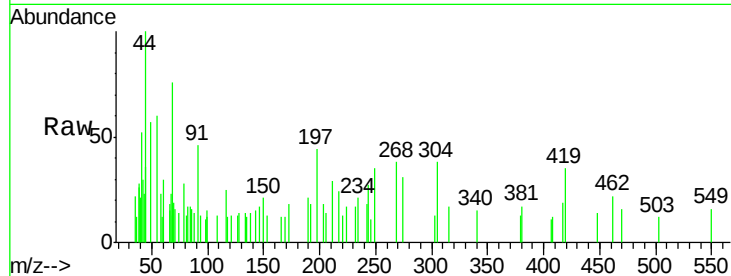




#61
4-Nitroaniline
Concen: 0.01 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

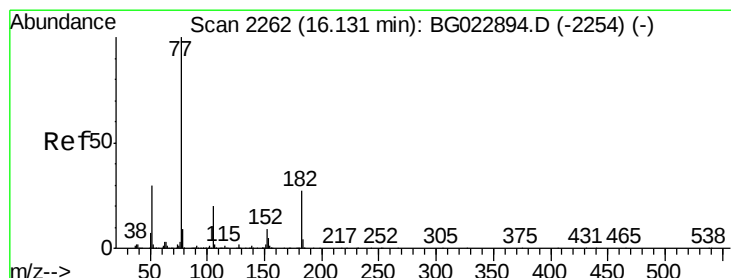
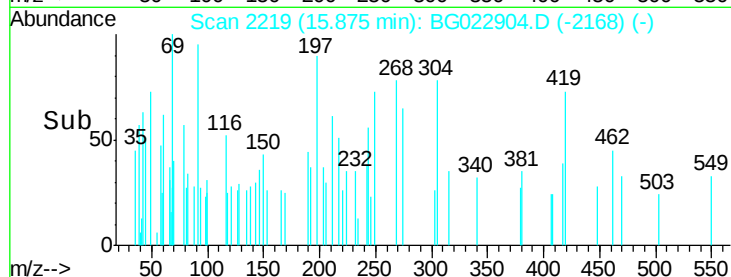
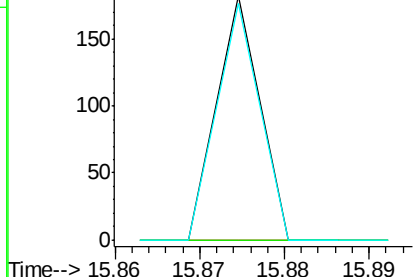
Instrument :
BNA_G
ClientSampled :
LIP-16

Tgt Ion:138 Resp: 64
Ion Ratio Lower Upper
138 100
92 0.0 54.1 94.1#
108 97.3 133.9 173.9#



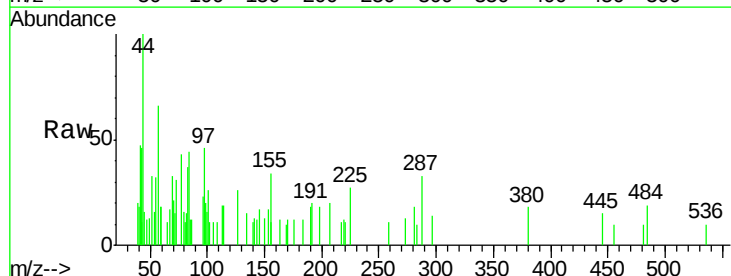
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

15.87



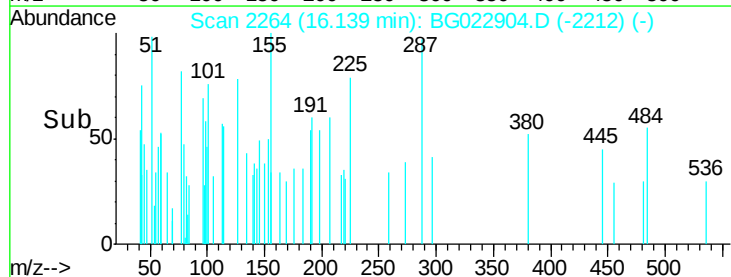
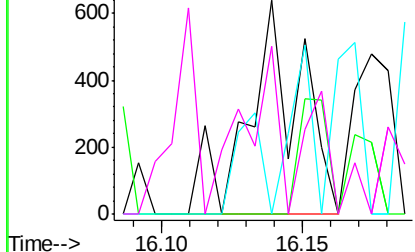
#62
Azobenzene
Concen: 0.03 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

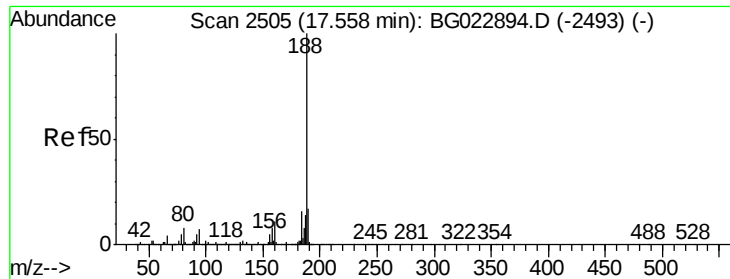
Tgt Ion: 77 Resp: 821
Ion Ratio Lower Upper
77 100
182 0.0 3.5 43.5#
105 25.5 0.0 38.5
51 78.4 17.1 57.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

16.14





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

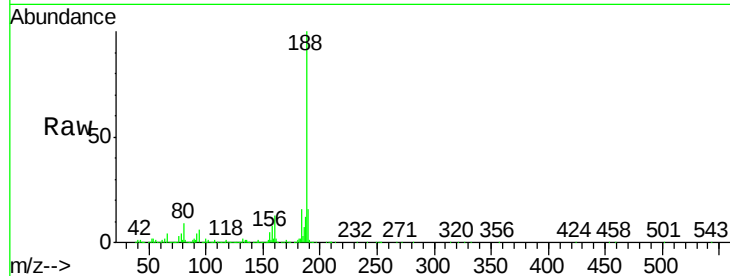
Tgt Ion:188 Resp: 904897

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

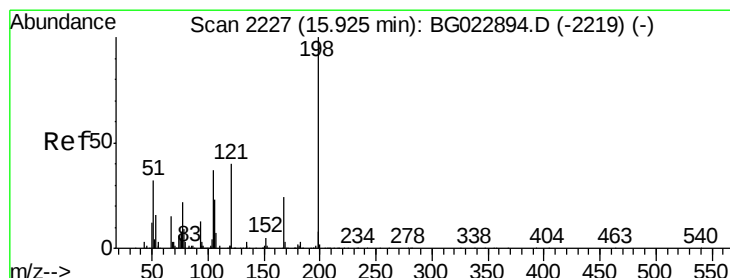
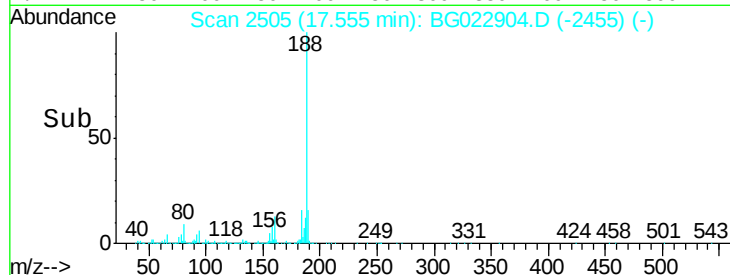
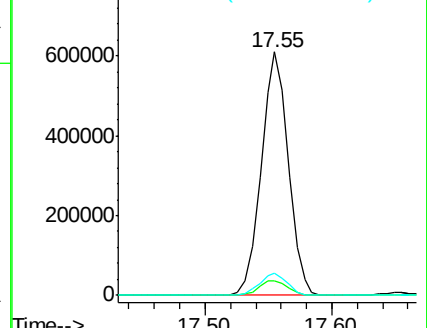
80 9.1 7.2 10.8



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: 0.03 ng

RT: 15.93 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

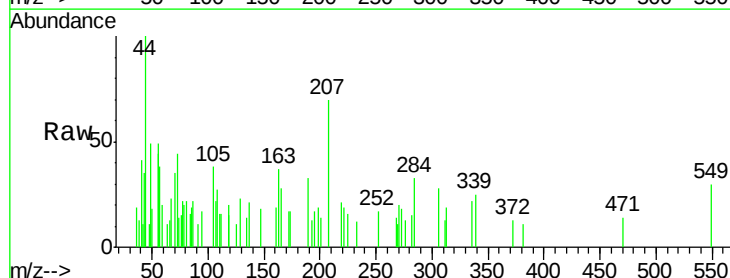
Tgt Ion:198 Resp: 178

Ion Ratio Lower Upper

198 100

51 0.0 26.0 66.0#

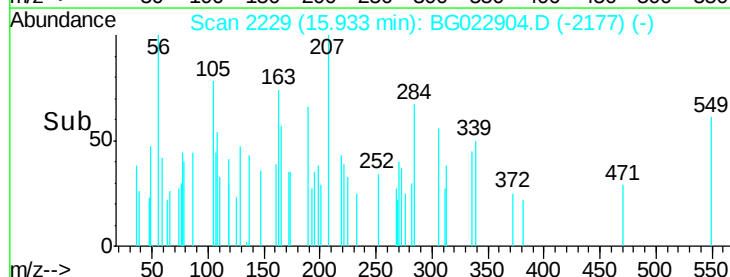
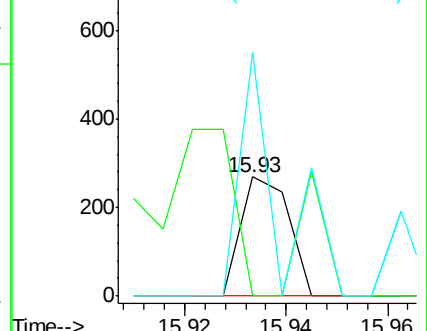
105 204.5 20.1 60.1#

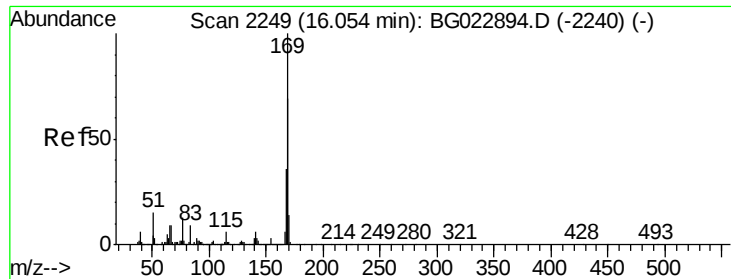


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

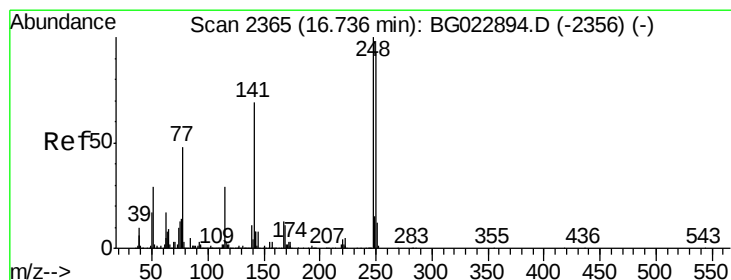
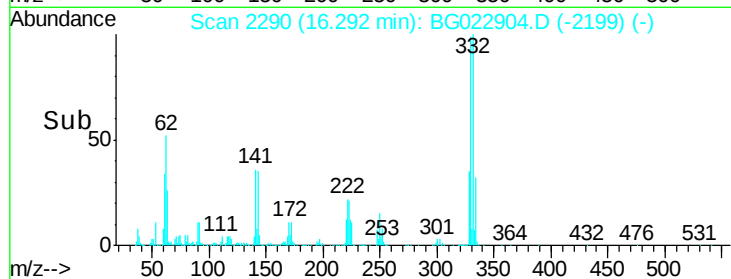
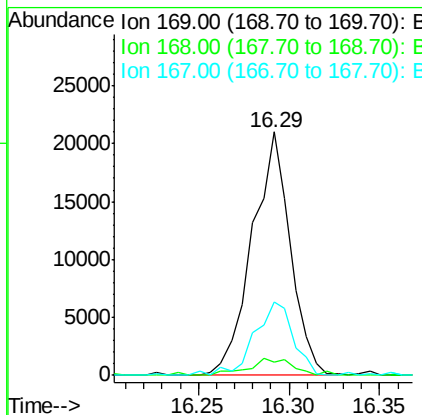
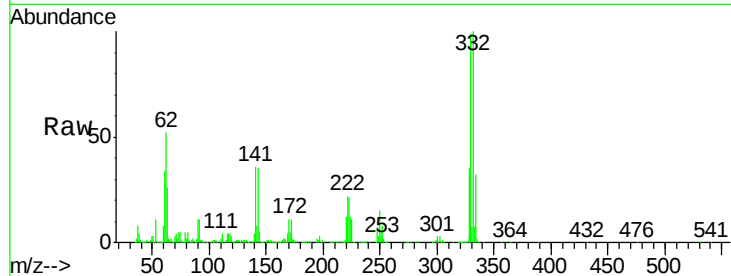




#65
 n-Nitrosodiphenylamine
 Concen: 1.18 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.24 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

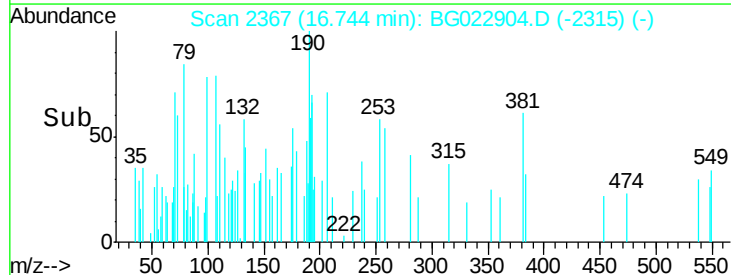
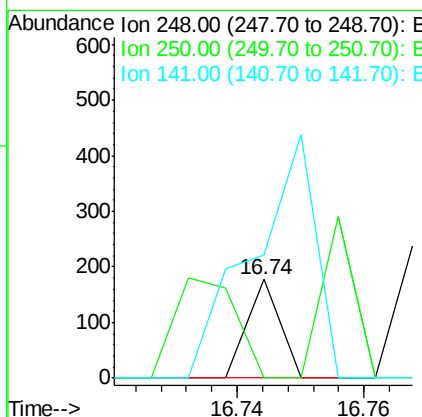
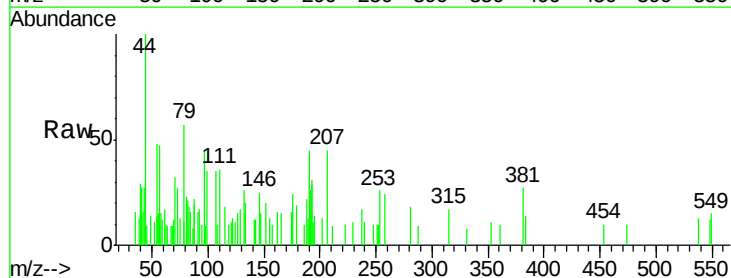
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

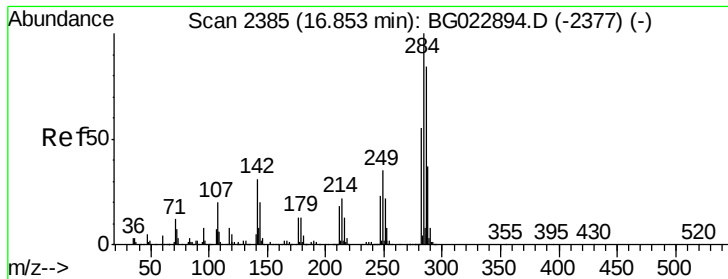
Tgt Ion:169 Resp: 30743
 Ion Ratio Lower Upper
 169 100
 168 5.2 55.0 82.4#
 167 35.6 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 0.01 ng
 RT: 16.74 min Scan# 2367
 Delta R.T. 0.01 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:248 Resp: 63
 Ion Ratio Lower Upper
 248 100
 250 0.0 77.8 116.8#
 141 124.7 65.7 98.5#





#67

Hexachlorobenzene

Concen: 0.01 ng

RT: 16.91 min Scan# 2396

Delta R.T. 0.06 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

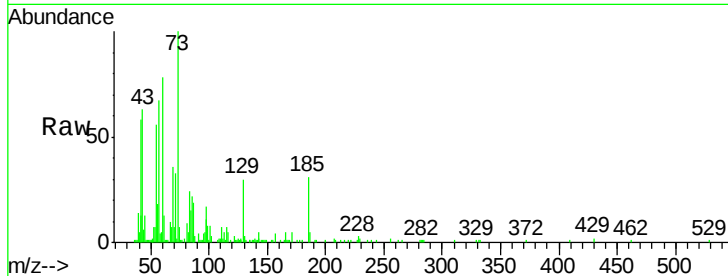
Instrument :

BNA_G

ClientSampleId :

LIP-16

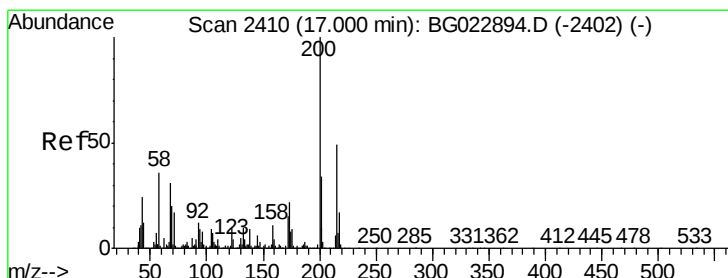
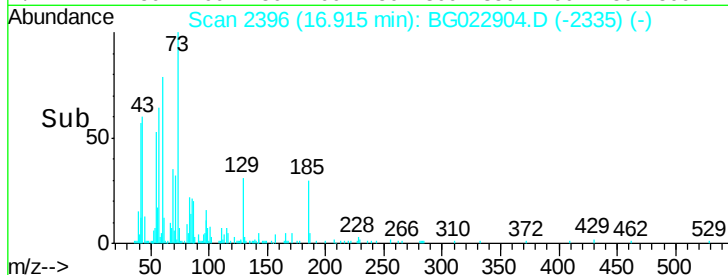
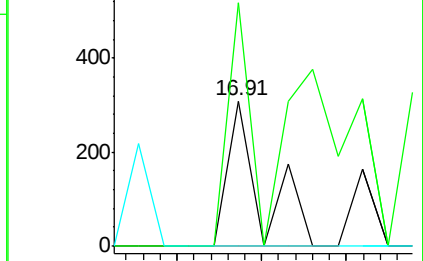
Tgt Ion:	284	Resp:	171
Ion Ratio	Lower	Upper	
284	100		
142	167.6	26.8	40.2#
249	0.0	28.9	43.3#



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: 0.03 ng

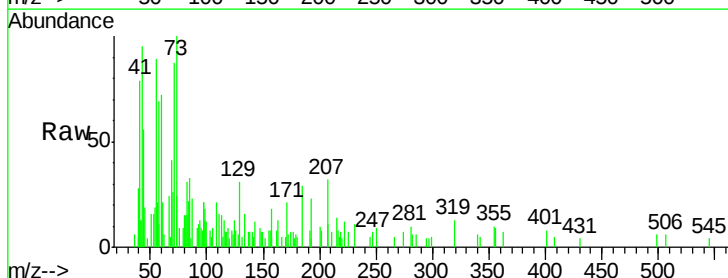
RT: 17.00 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

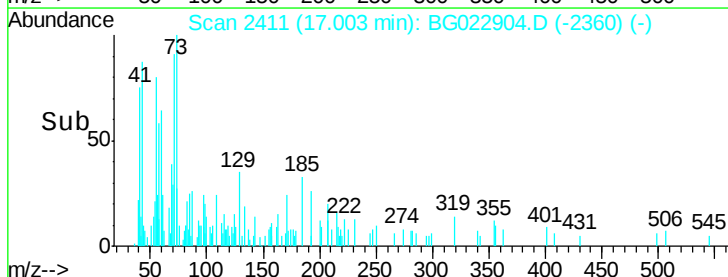
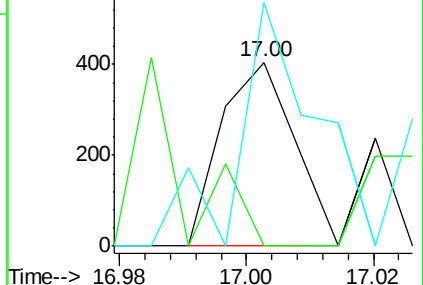
Tgt Ion:	200	Resp:	322
Ion Ratio	Lower	Upper	
200	100		
173	0.0	1.6	41.6#
215	132.3	28.7	68.7#

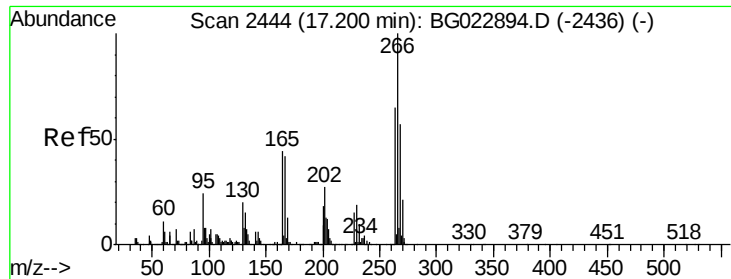


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

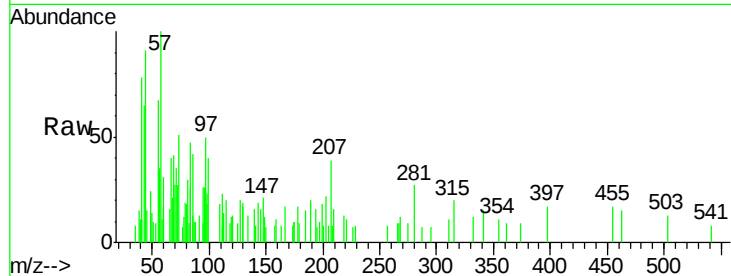




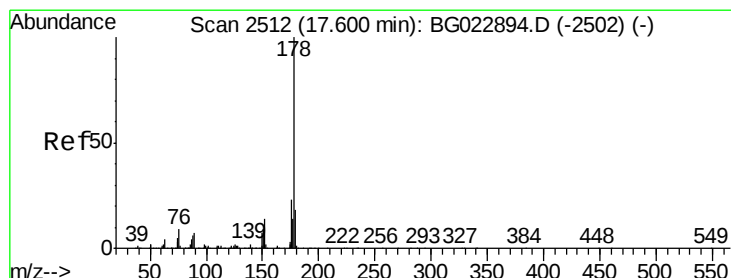
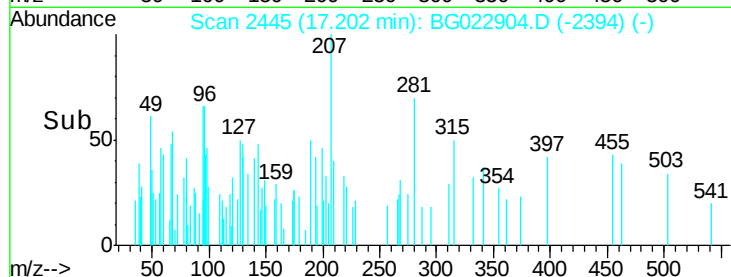
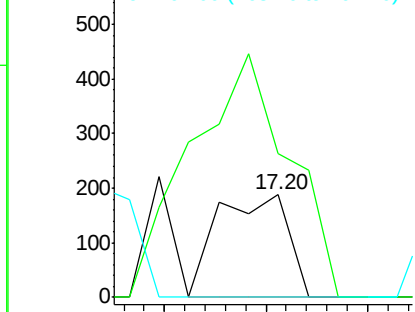
#69
 Pentachlorophenol
 Concen: 0.02 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Instrument :
 BNA_G
 ClientSampled :
 LIP-16

Tgt Ion: 266 Resp: 182
 Ion Ratio Lower Upper
 266 100
 268 140.4 51.9 77.9#
 264 0.0 50.6 75.8#

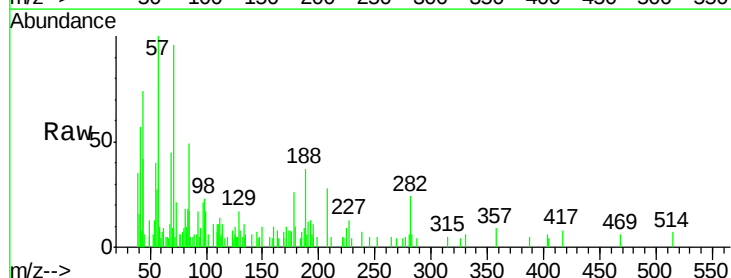


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

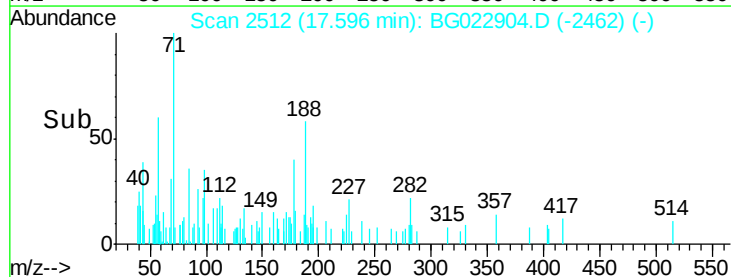
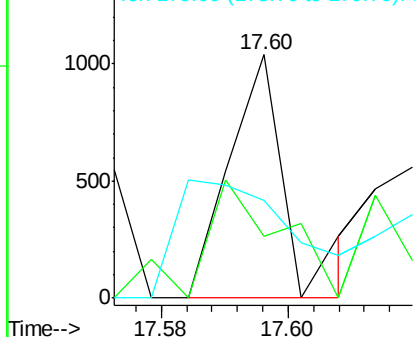


#70
 Phenanthrene
 Concen: 0.01 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion: 178 Resp: 652
 Ion Ratio Lower Upper
 178 100
 176 25.4 16.8 25.2#
 179 40.1 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: 0.04 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

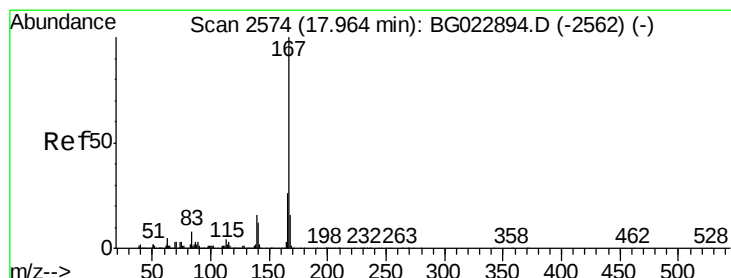
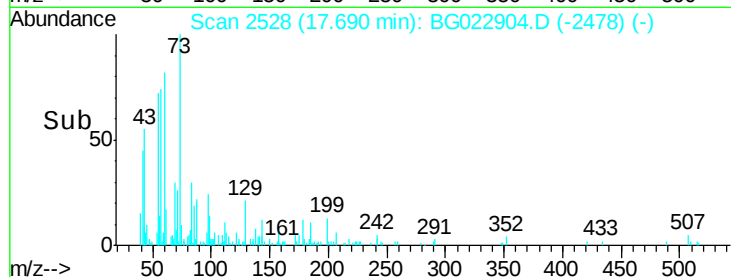
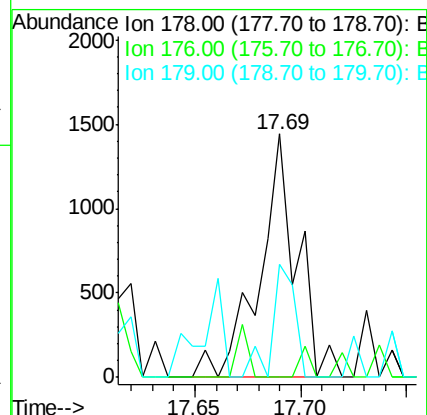
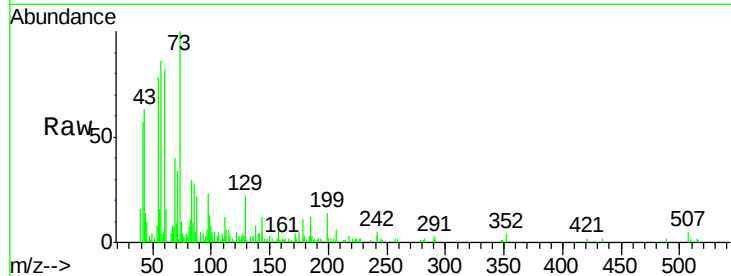
Tgt Ion:178 Resp: 1784

Ion Ratio Lower Upper

178 100

176 0.0 17.3 25.9#

179 46.4 14.0 21.0#



#72

Carbazole

Concen: 0.00 ng

RT: 17.94 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

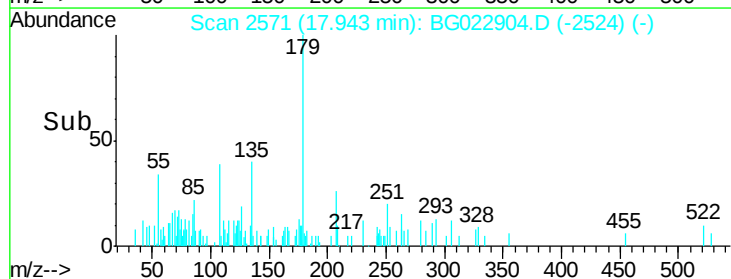
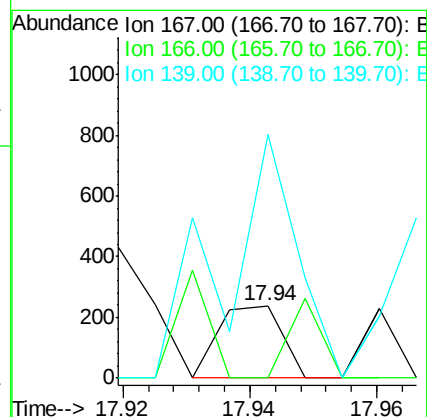
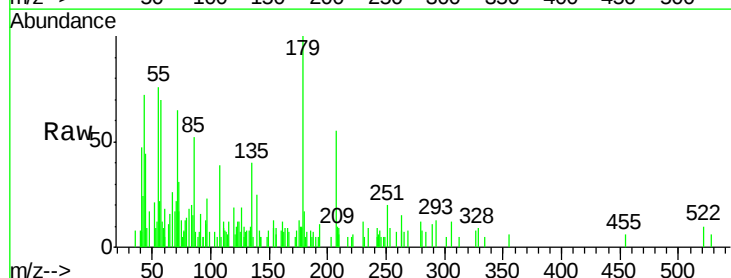
Tgt Ion:167 Resp: 163

Ion Ratio Lower Upper

167 100

166 0.0 20.7 31.1#

139 335.6 11.9 17.9#

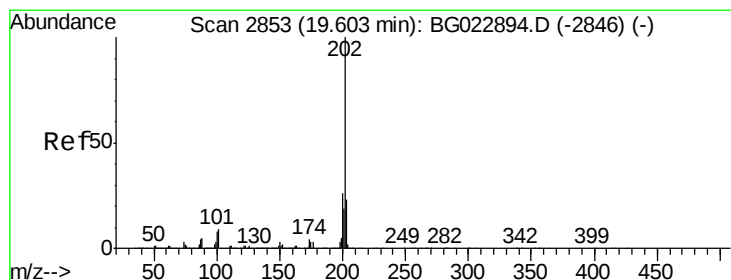
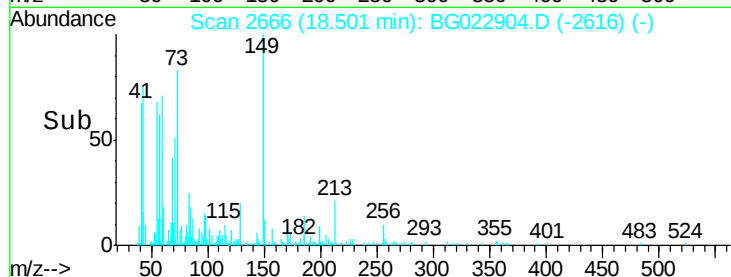
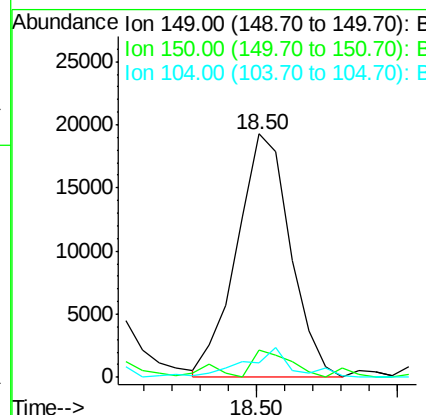
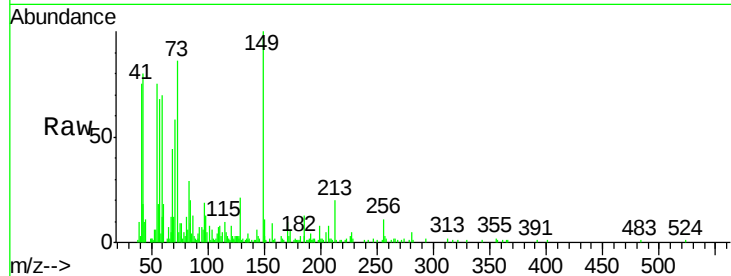




#73
Di-n-butylphthalate
Concen: 0.59 ng
RT: 18.50 min Scan# 2666
Delta R.T. -0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

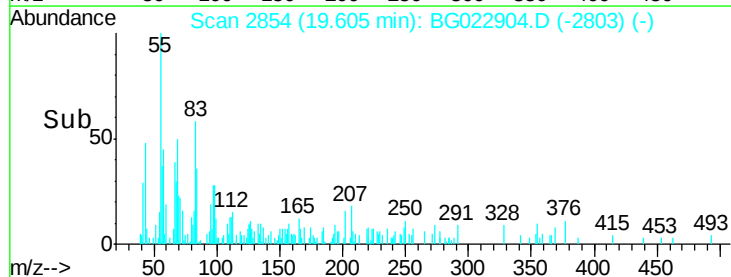
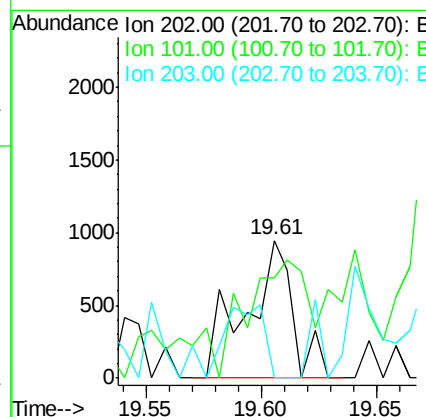
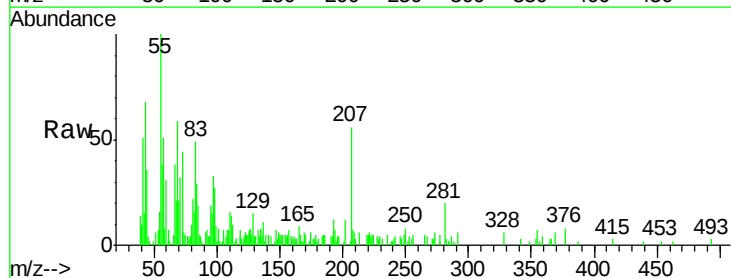
Instrument :
BNA_G
ClientSampleId :
LIP-16

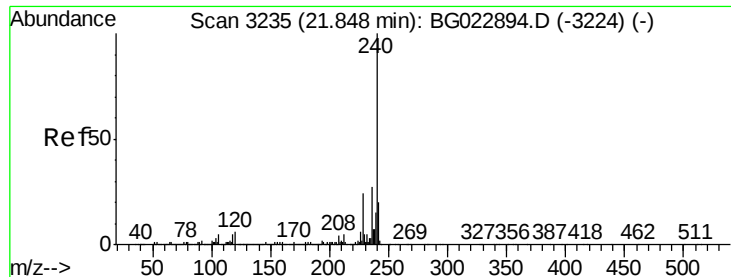
Tgt Ion:149 Resp: 25319
Ion Ratio Lower Upper
149 100
150 11.4 9.1 13.7
104 5.8 6.9 10.3#



#74
Fluoranthene
Concen: 0.02 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:202 Resp: 1339
Ion Ratio Lower Upper
202 100
101 72.4 0.0 27.4#
203 0.0 1.7 41.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

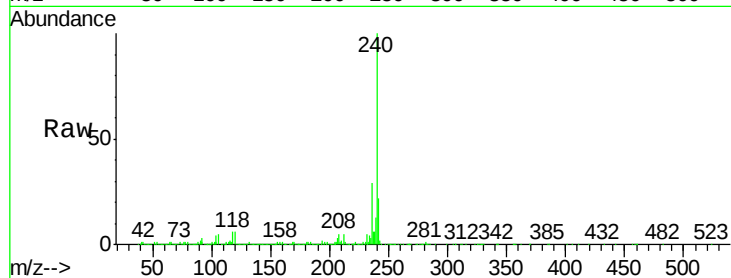
Tgt Ion:240 Resp: 1022545

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

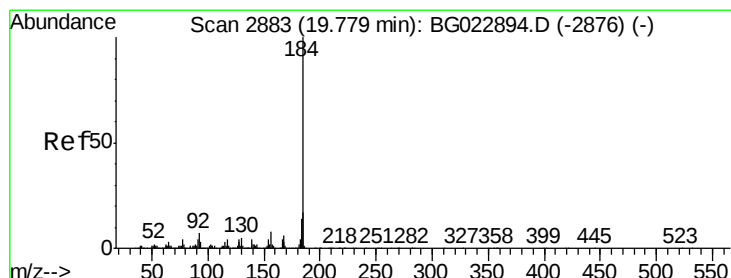
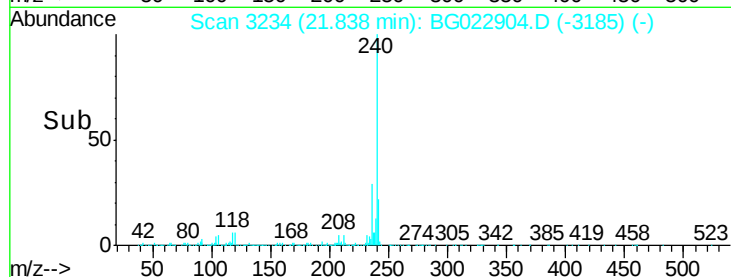
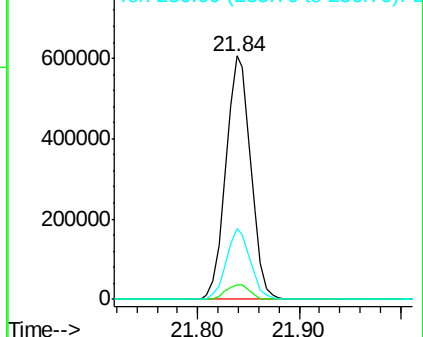
236 29.0 21.1 31.7



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: 0.01 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

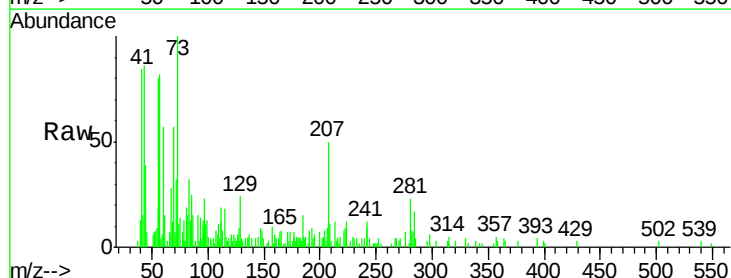
Tgt Ion:184 Resp: 152

Ion Ratio Lower Upper

184 100

185 273.8 12.6 19.0#

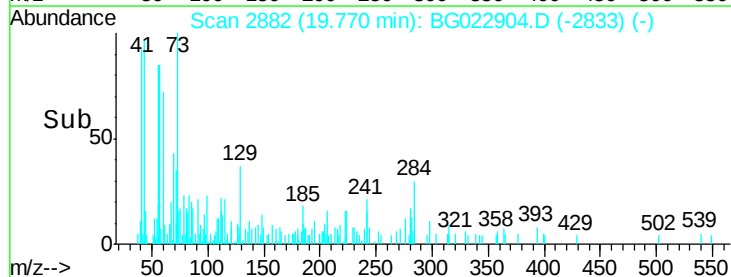
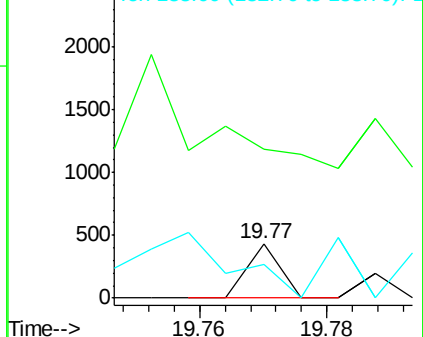
183 63.2 10.7 16.1#



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: 0.01 ng

RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampled :

LIP-16

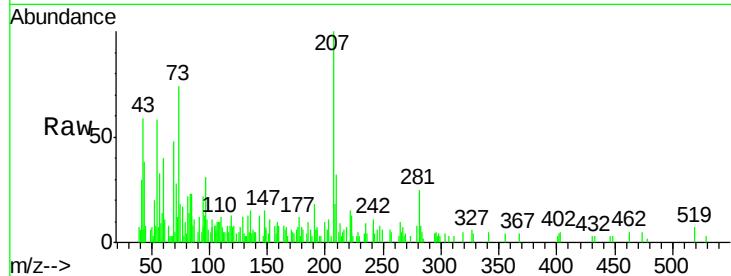
Tgt Ion:202 Resp: 837

Ion Ratio Lower Upper

202 100

200 0.0 21.2 31.8#

203 95.1 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

800

600

400

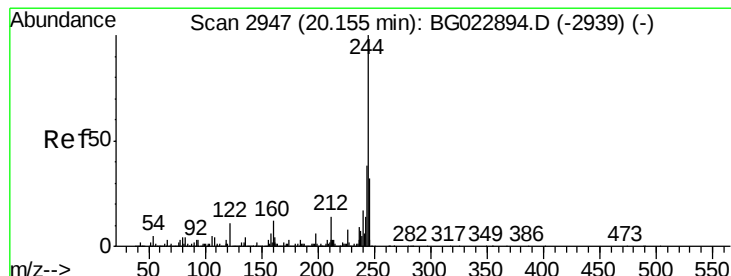
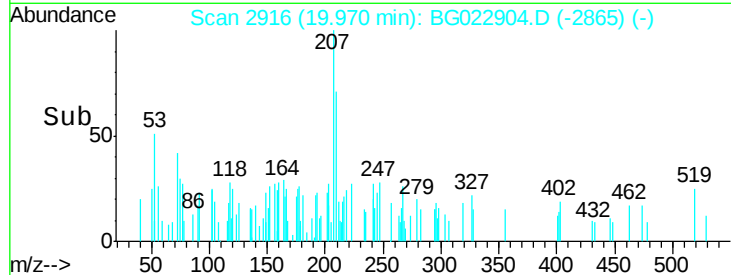
200

0

19.92 19.94 19.96 19.98

19.97

Time-->



#78

Terphenyl-d14

Concen: 94.44 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

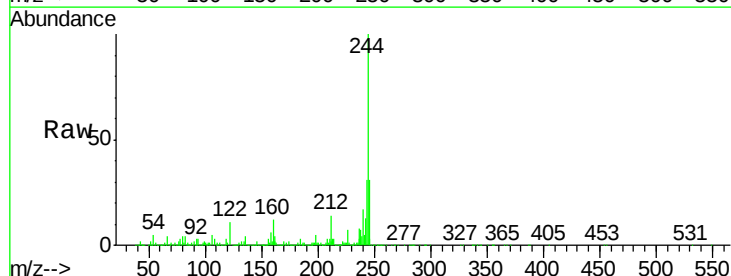
Tgt Ion:244 Resp: 2918978

Ion Ratio Lower Upper

244 100

212 14.0 10.8 16.2

122 11.2 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

2500000

2000000

1500000

1000000

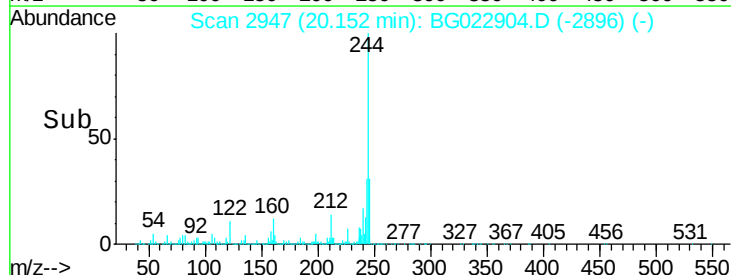
500000

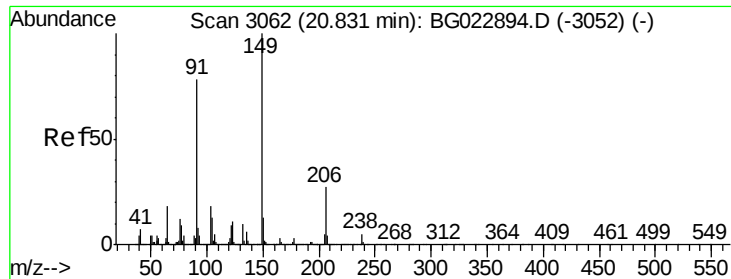
0

20.10 20.15 20.20

20.15

Time-->





#79

Butylbenzylphthalate

Concen: 0.13 ng

RT: 20.83 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

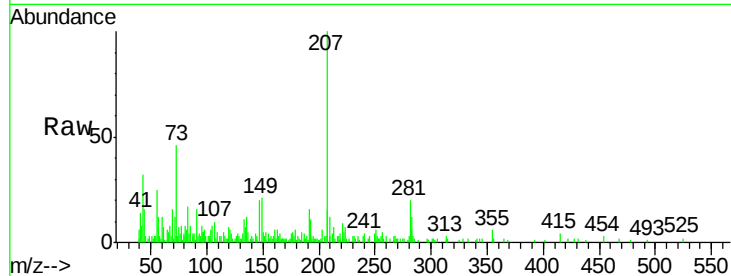
Tgt Ion:149 Resp: 3051

Ion Ratio Lower Upper

149 100

91 76.8 68.1 102.1

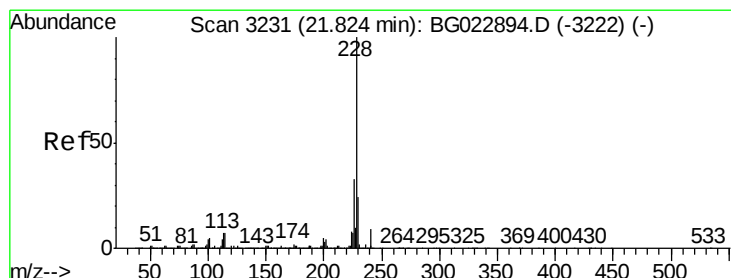
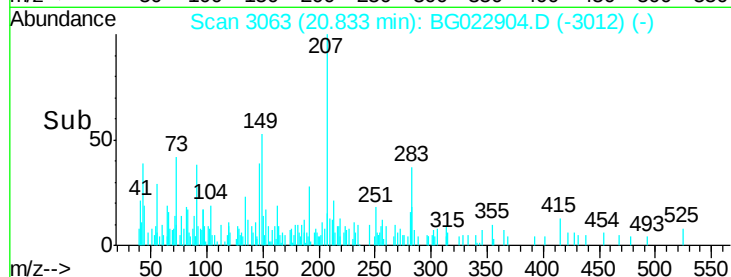
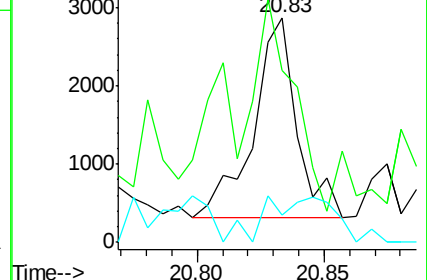
206 12.0 19.8 29.6#



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: 0.09 ng

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

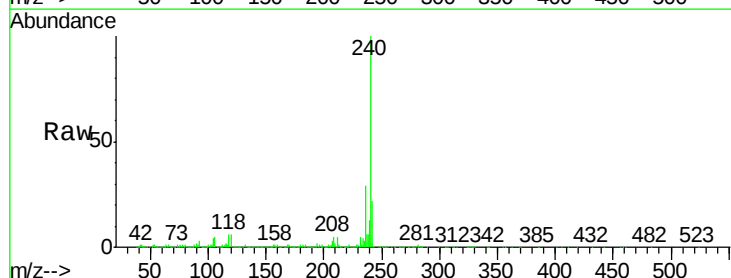
Tgt Ion:228 Resp: 4988

Ion Ratio Lower Upper

228 100

226 17.3 25.3 37.9#

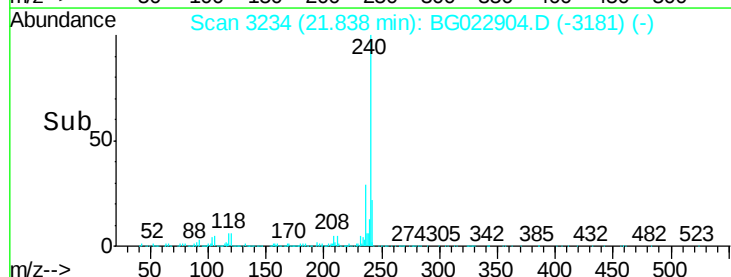
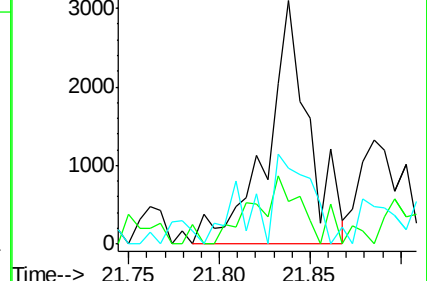
229 31.3 19.9 29.9#

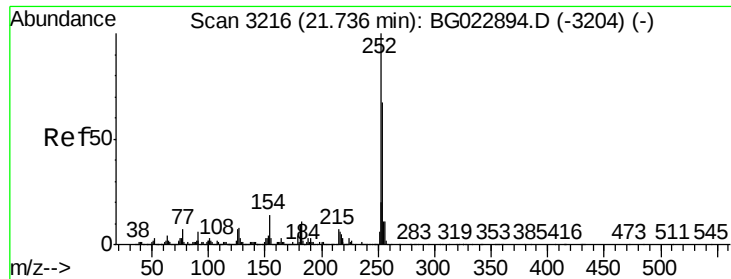


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

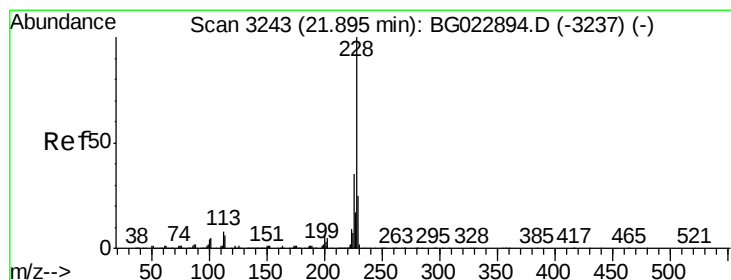
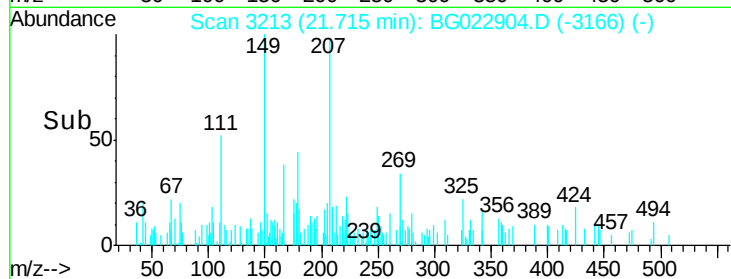
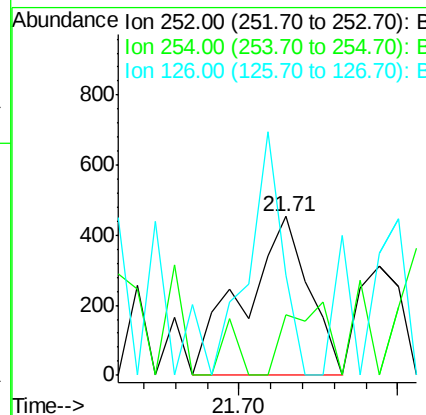
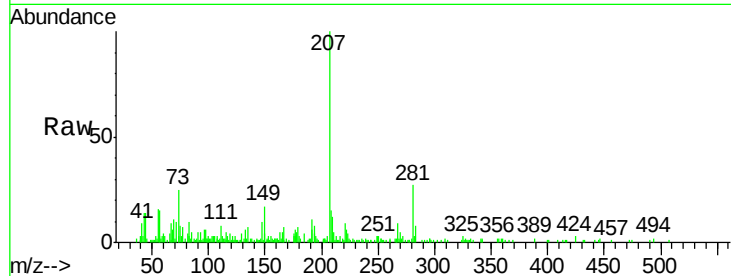




#81
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.02 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

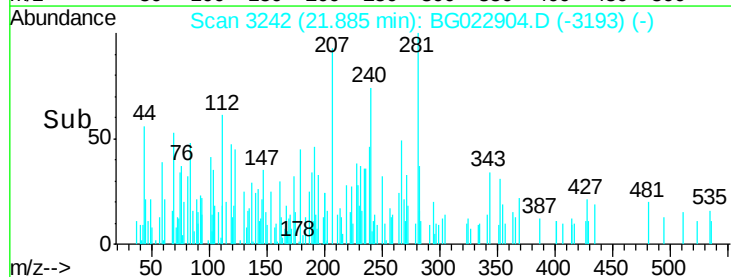
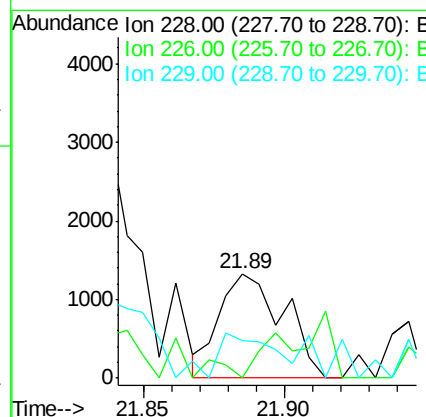
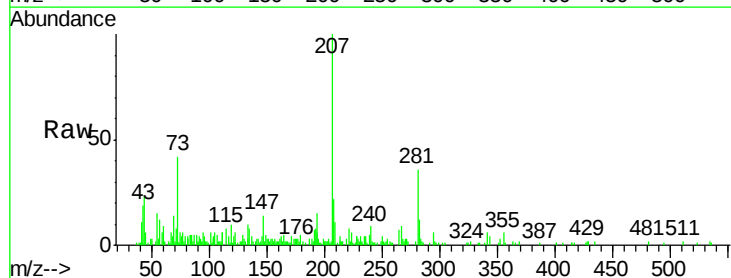
Instrument :
 BNA_G
 ClientSampled :
 LIP-16

Tgt Ion: 252 Resp: 638
 Ion Ratio Lower Upper
 252 100
 254 38.4 51.2 76.8#
 126 63.4 5.3 7.9#



#82
 Chrysene
 Concen: 0.04 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. -0.01 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion: 228 Resp: 2111
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.7 40.1#
 229 35.5 17.4 26.2#

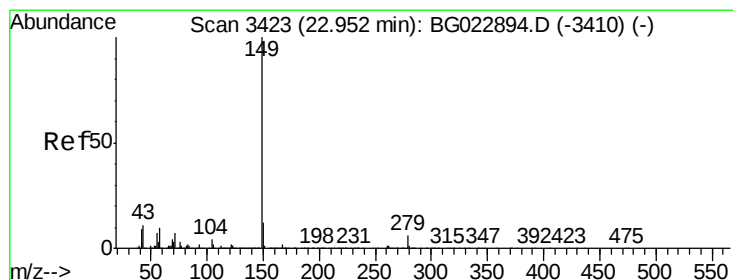
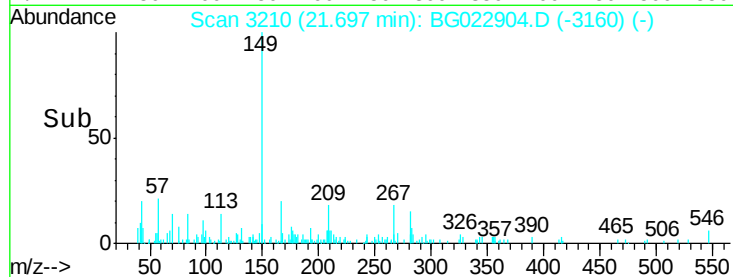
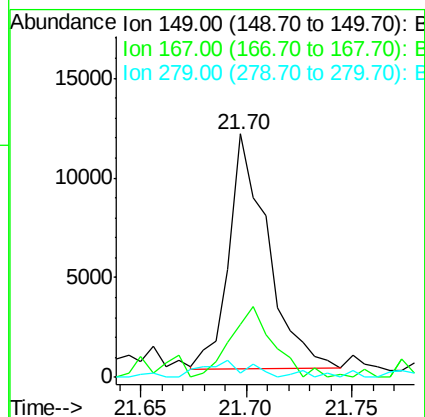
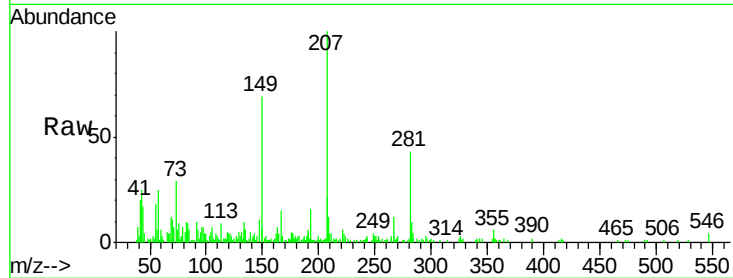




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.47 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

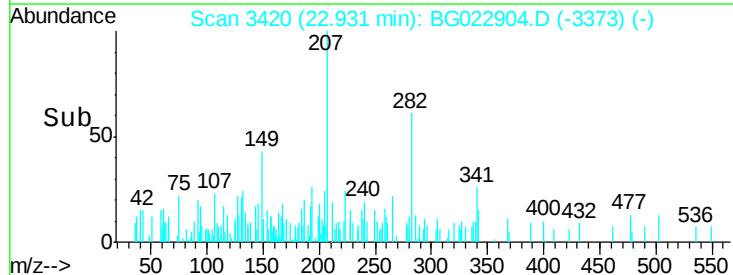
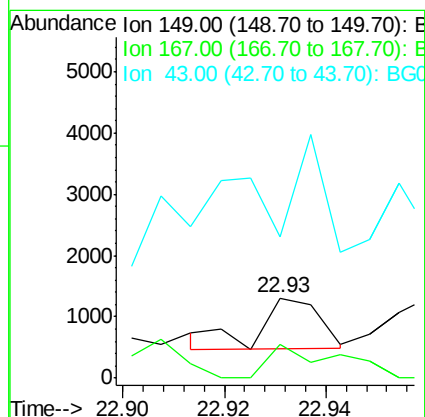
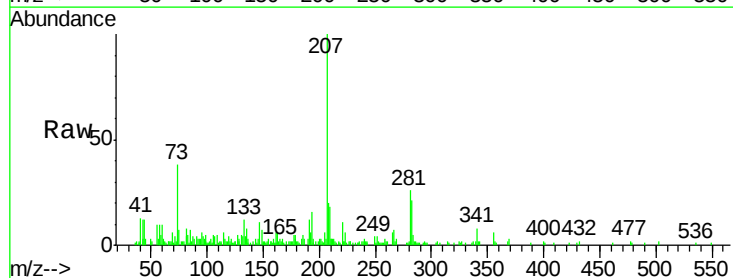
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

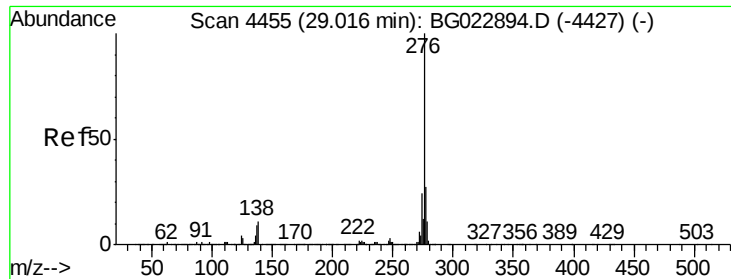
Tgt Ion:149 Resp: 14989
 Ion Ratio Lower Upper
 149 100
 167 21.6 24.0 36.0#
 279 1.6 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 22.93 min Scan# 3420
 Delta R.T. -0.02 min
 Lab File: BG022904.D
 Acq: 7 Jul 2016 20:42

Tgt Ion:149 Resp: 689
 Ion Ratio Lower Upper
 149 100
 167 74.9 1.5 2.3#
 43 330.8 8.8 13.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 29.00 min Scan# 4453

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

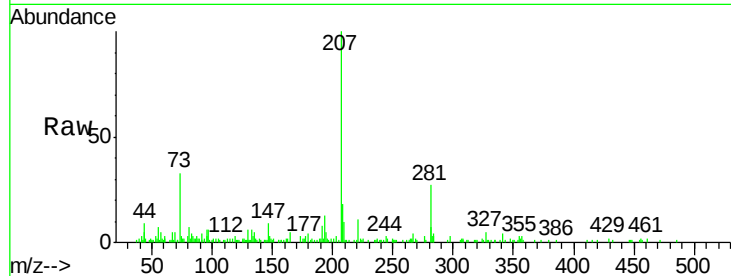
Tgt Ion:276 Resp: 464

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

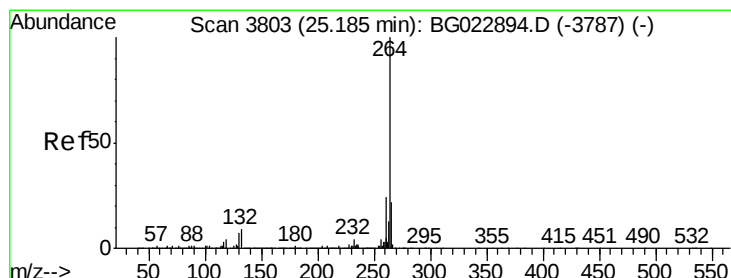
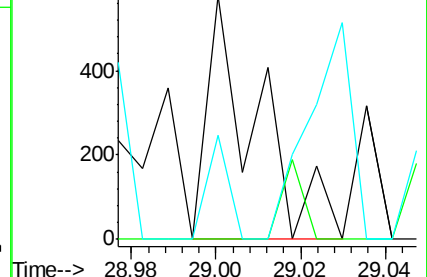
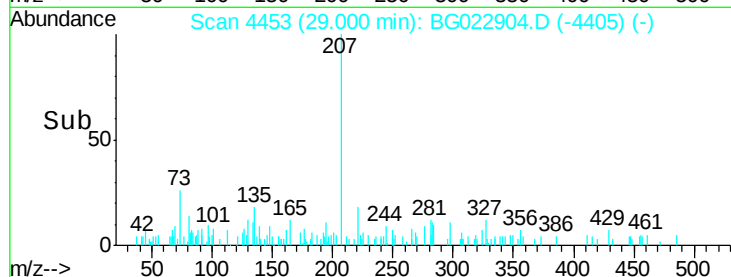
277 18.8 0.0 0.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 25.19 min Scan# 3804

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

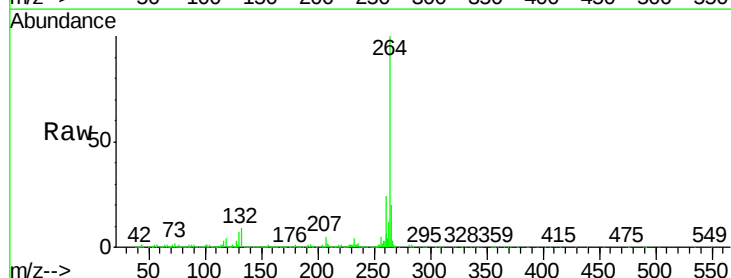
Tgt Ion:264 Resp: 1063918

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

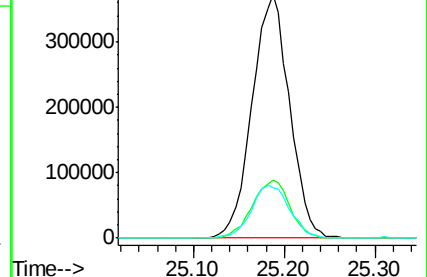
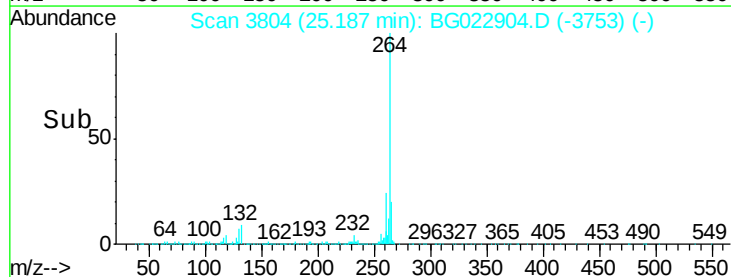
265 20.4 18.9 28.3

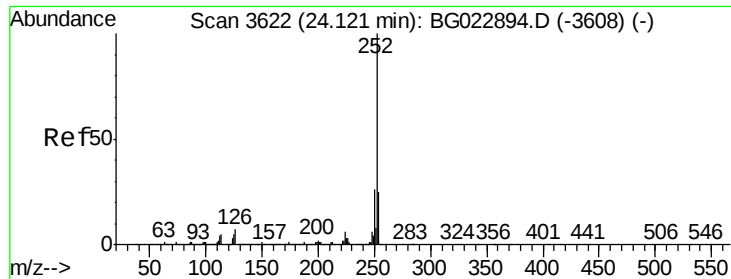


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

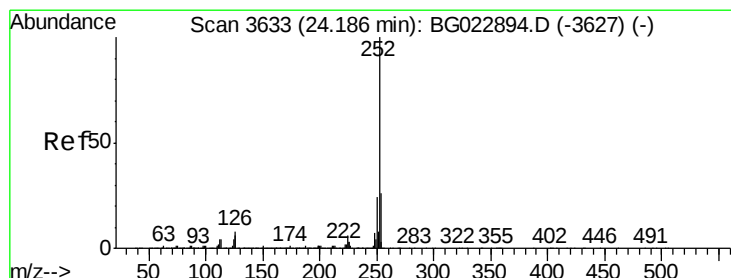
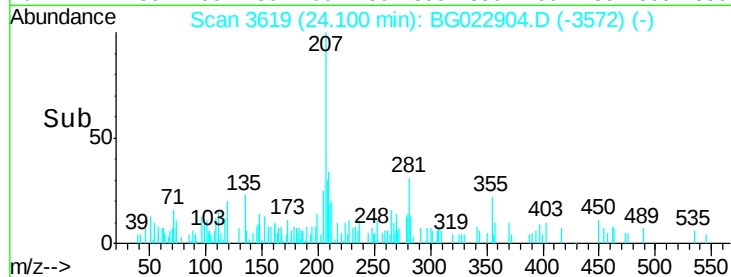
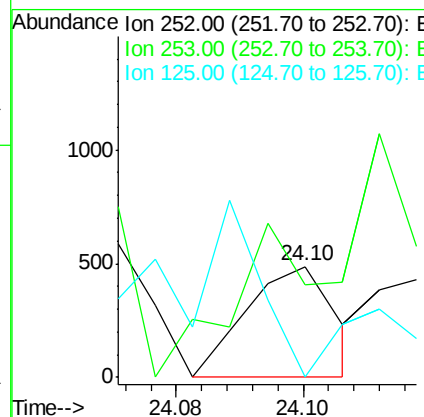
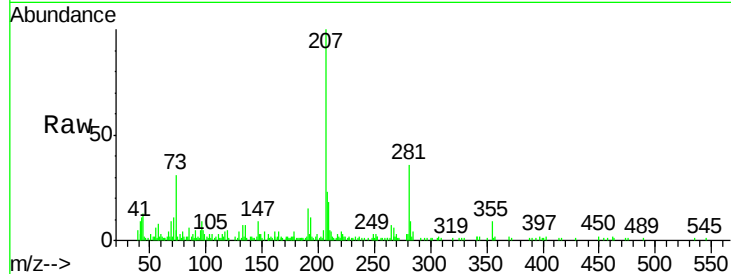




#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.02 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

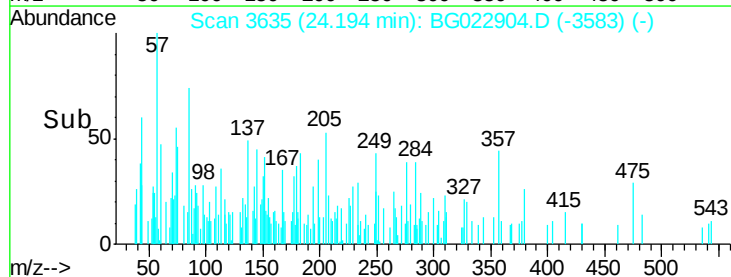
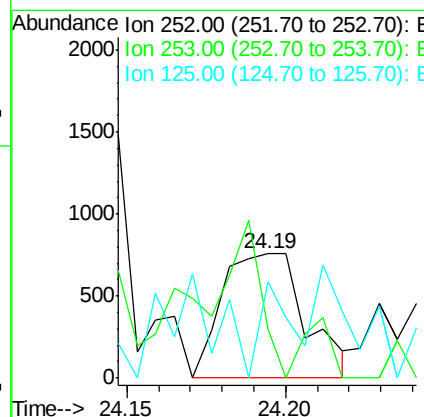
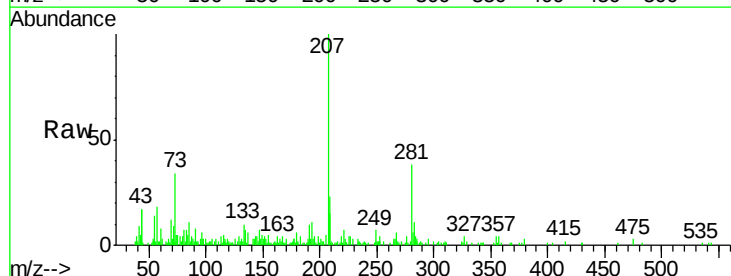
Instrument :
BNA_G
ClientSampleId :
LIP-16

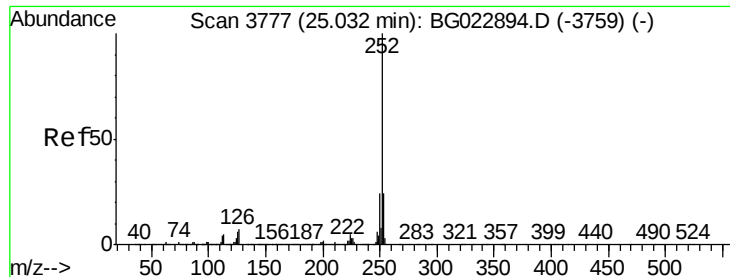
Tgt Ion:252 Resp: 473
Ion Ratio Lower Upper
252 100
253 83.8 18.9 28.3#
125 0.0 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 24.19 min Scan# 3635
Delta R.T. 0.01 min
Lab File: BG022904.D
Acq: 7 Jul 2016 20:42

Tgt Ion:252 Resp: 1382
Ion Ratio Lower Upper
252 100
253 39.6 18.8 28.2#
125 77.7 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 25.01 min Scan# 3774

Delta R.T. -0.02 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

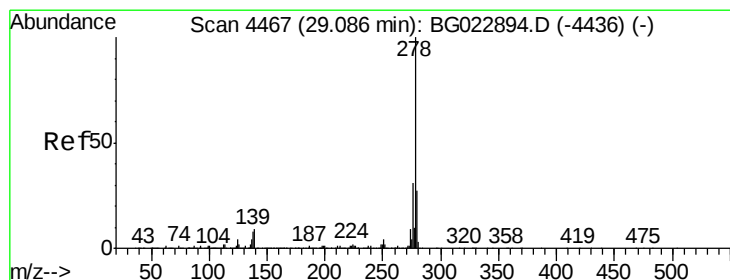
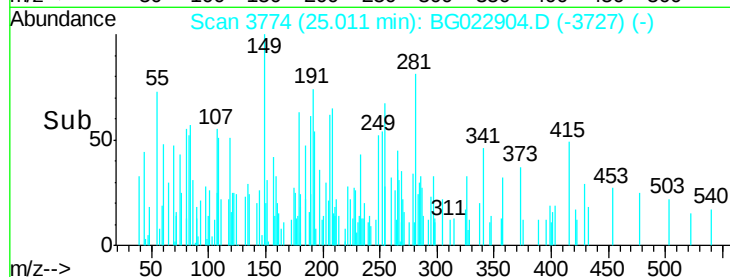
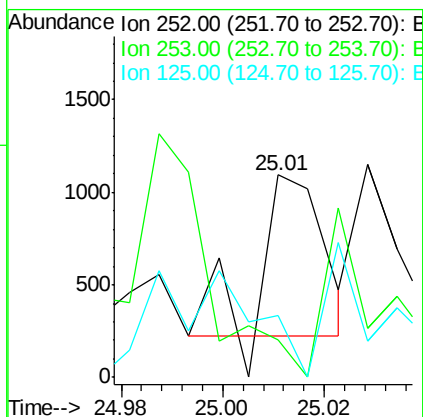
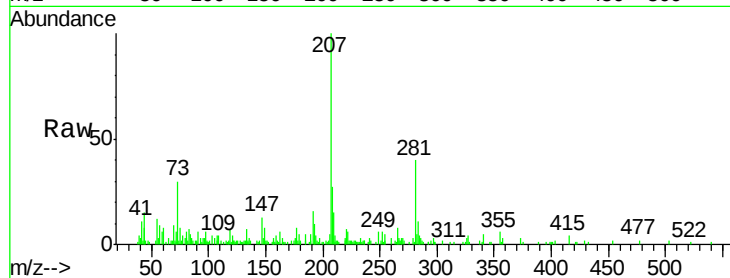
Instrument :

BNA_G

ClientSampleId :

LIP-16

Tgt Ion:	252	Resp:	739
Ion Ratio	Lower	Upper	
252	100		
253	18.8	18.7	28.1
125	31.0	3.9	5.9#



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

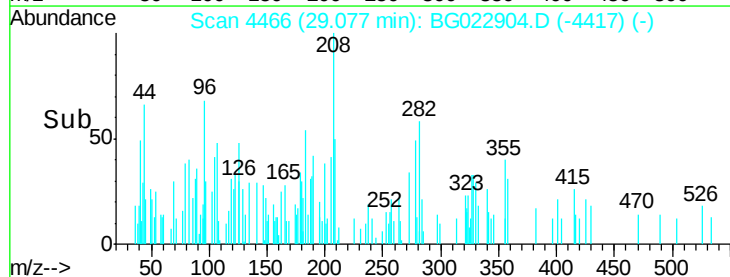
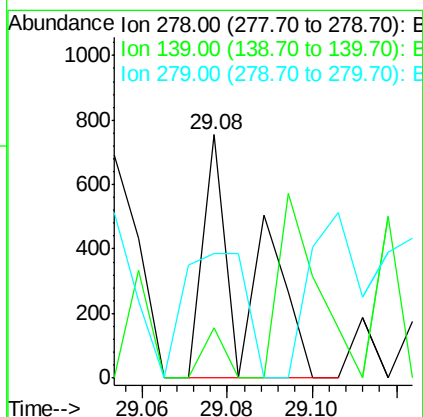
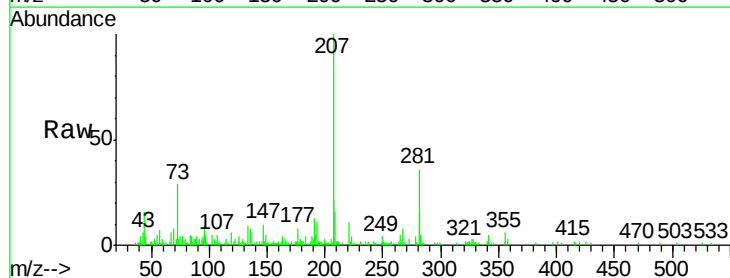
RT: 29.08 min Scan# 4466

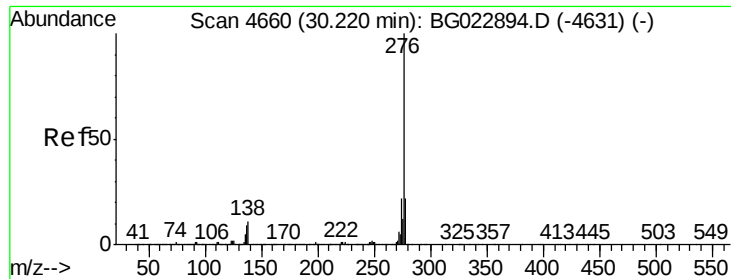
Delta R.T. -0.01 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Tgt Ion:	278	Resp:	539
Ion Ratio	Lower	Upper	
278	100		
139	20.4	4.7	7.1#
279	51.4	18.3	27.5#





#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 30.22 min Scan# 4661

Delta R.T. 0.00 min

Lab File: BG022904.D

Acq: 7 Jul 2016 20:42

Instrument :

BNA_G

ClientSampleId :

LIP-16

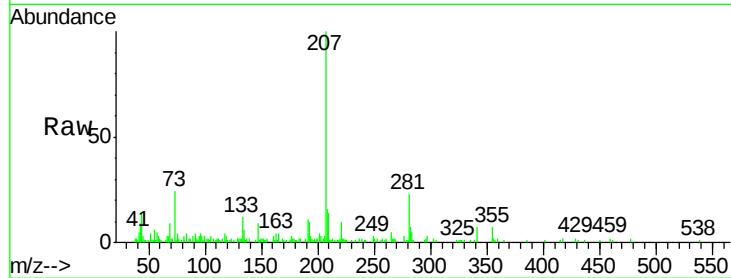
Tgt Ion:276 Resp: 398

Ion Ratio Lower Upper

276 100

277 0.0 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

