

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
 Data File : BG023036.D
 Acq On : 12 Jul 2016 14:44
 Operator : UM/SJ
 Sample : PB92009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92009BL

Quant Time: Jul 13 01:05:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	1335	20.00	ng	0.01
21) Naphthalene-d8	10.98	136	606	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	97	20.00	ng	-0.01
63) Phenanthrene-d10	17.66	188	8058	20.00	ng	0.10
75) Chrysene-d12	22.00	240	55	20.00	ng	0.15
86) Perylene-d12	25.38	264	358	20.00	ng	0.20
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	778988	9543.38	ng	0.00
7) Phenol-d6	7.31	99	1254776	9814.76	ng	0.00
23) Nitrobenzene-d5	9.33	82	886474	62637.29	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	709035	406714.49	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1985887	322478.19	ng	0.00
78) Terphenyl-d14	20.16	244	2907731	-20.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	120	3.78	ng	# 73
3) Pyridine	3.99	79	725	6.68	ng	# 49
4) n-Nitrosodimethylamine	3.90	42	390	8.37	ng	# 1
6) Aniline	7.47	93	5830	32.91	ng	# 69
8) 2-Chlorophenol	7.71	128	573	6.60	ng	# 1
9) Benzaldehyde	7.31	77	2883	33.75	ng	# 18
10) Phenol	7.33	94	857	6.52	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	327	3.14	ng	# 23
12) 1,3-Dichlorobenzene	8.04	146	543	5.11	ng	# 71
15) Benzyl Alcohol	8.47	79	15279	130.48	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.67	45	473	3.71	ng	# 34
17) 2-Methylphenol	8.60	107	288	3.36	ng	# 68
18) Hexachloroethane	9.24	117	249	5.54	ng	# 1
22) Acetophenone	8.97	105	977	53.72	ng	# 52
24) Nitrobenzene	9.37	77	801	53.26	ng	# 50
25) Isophorone	9.88	82	430	15.11	ng	# 69
26) 2-Nitrophenol	10.09	139	92	15.59	ng	# 15
27) 2,4-Dimethylphenol	10.14	122	67	6.57	ng	# 48
28) bis(2-Chloroethoxy)methane	10.38	93	123	7.75	ng	# 50
29) 2,4-Dichlorophenol	10.65	162	302	27.76	ng	# 25
30) 1,2,4-Trichlorobenzene	10.85	180	112	8.98	ng	# 14
31) Naphthalene	11.04	128	1173	38.02	ng	# 67
32) Benzoic acid	10.34	122	79	8.51	ng	# 1
33) 4-Chloroaniline	11.15	127	4267	282.85	ng	# 81
34) Hexachlorobutadiene	11.31	225	172	17.02	ng	# 18
35) Caprolactam	11.99	113	66	14.75	ng	# 10
36) 4-Chloro-3-methylphenol	12.24	107	124	8.33	ng	# 26
37) 2-Methylnaphthalene	12.85	142	382	15.67	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	774	185.16	ng	# 34
40) Hexachlorocyclopentadiene	12.97	237	193	80.20	ng	# 26
42) 2,4,6-Trichlorophenol	13.24	196	431	179.39	ng	# 28
43) 2,4,5-Trichlorophenol	13.29	196	93	37.69	ng	# 32
45) 1,1'-Biphenyl	13.64	154	1068	146.74	ng	# 74
46) 2-Chloronaphthalene	13.69	162	1156	195.81	ng	# 31

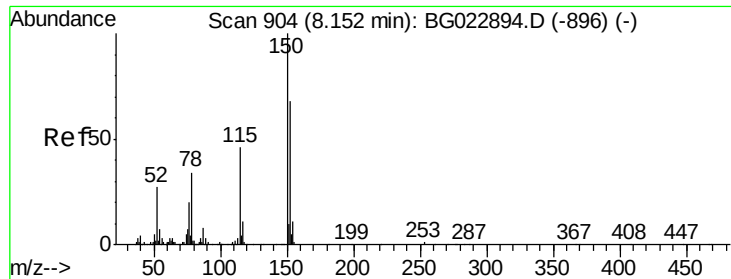
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
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Quant Time: Jul 13 01:05:09 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	13.87	65	88	34.93	ng	# 41
48) Acenaphthylene	14.52	152	1005	113.48	ng	# 62
49) Dimethylphthalate	14.25	163	1178	148.67	ng	# 77
50) 2,6-Dinitrotoluene	14.37	165	161	90.41	ng	# 9
51) Acenaphthene	14.87	154	993	171.58	ng	# 40
52) 3-Nitroaniline	14.72	138	1042	586.83	ng	# 22
53) 2,4-Dinitrophenol	14.88	184	87	71.20	ng	# 9
54) Dibenzofuran	15.20	168	1414	163.23	ng	# 70
55) 4-Nitrophenol	15.07	139	263	176.70	ng	# 1
56) 2,4-Dinitrotoluene	15.14	165	79	30.43	ng	# 1
57) Fluorene	15.84	166	1258	168.73	ng	# 40
58) 2,3,4,6-Tetrachlorophenol	15.43	232	245	99.25	ng	# 75
59) Diethylphthalate	15.60	149	1269	157.40	ng	# 62
60) 4-Chlorophenyl-phenylether	15.83	204	595	131.03	ng	# 70
61) 4-Nitroaniline	15.89	138	232	120.75	ng	# 8
62) Azobenzene	16.16	77	458	59.39	ng	# 85
64) 4,6-Dinitro-2-methylphenol	16.10	198	150	2.50	ng	# 33
65) n-Nitrosodiphenylamine	16.29	169	28046	120.81	ng	# 40
68) Atrazine	17.00	200	1493	14.50	ng	# 89
70) Phenanthrene	17.68	178	1643	4.16	ng	# 57
74) Fluoranthene	19.60	202	1502	3.10	ng	# 85
76) Benzidine	20.16	184	74289	47114.57	ng	# 97
77) Pyrene	20.17	202	15478	5007.89	ng	# 71
79) Butylbenzylphthalate	20.96	149	509	415.78	ng	# 1
80) Benzo(a)anthracene	21.92	228	2136	694.15	ng	# 65
81) 3,3'-Dichlorobenzidine	21.84	252	217	160.66	ng	# 40
82) Chrysene	22.05	228	129	44.69	ng	# 13
83) Bis(2-ethylhexyl)phthalate	21.85	149	824	484.73	ng	# 48
84) Di-n-octyl phthalate	23.12	149	1087	383.43	ng	# 89
85) Indeno(1,2,3-cd)pyrene	29.22	276	222	60.32	ng	# 100
87) Benzo(b)fluoranthene	24.30	252	169	8.18	ng	# 1
88) Benzo(k)fluoranthene	24.37	252	231	11.79	ng	# 1
89) Benzo(a)pyrene	25.20	252	673	33.99	ng	# 31
90) Dibenzo(a,h)anthracene	29.31	278	306	15.57	ng	# 59
91) Benzo(a,h,i)perylene	30.47	276	349	17.73	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampled :

PB92009BL

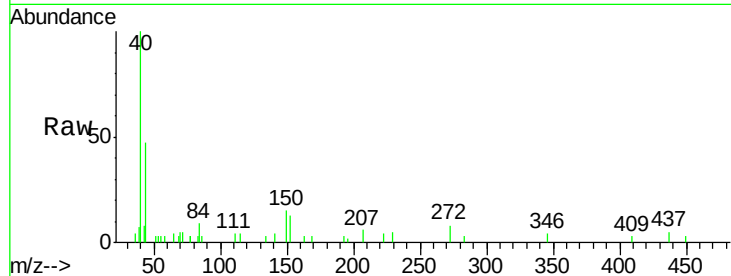
Tot Ion:152 Resp: 1335

Ion Ratio Lower Upper

152 100

150 117.7 144.7 217.1#

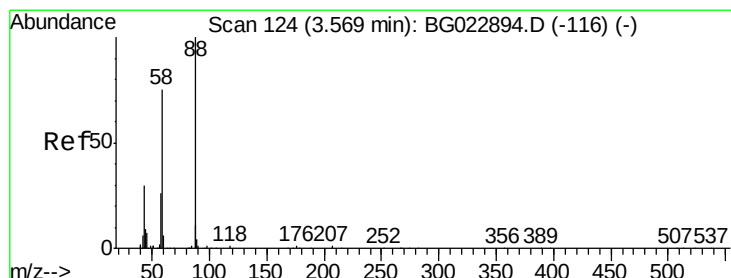
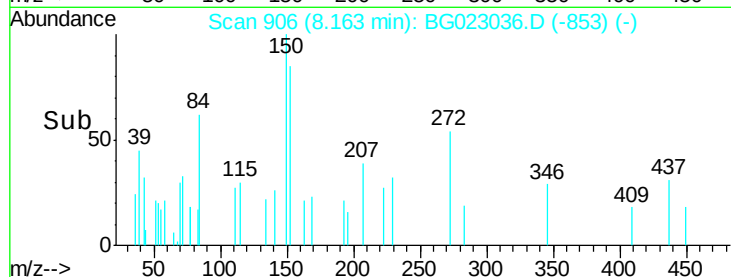
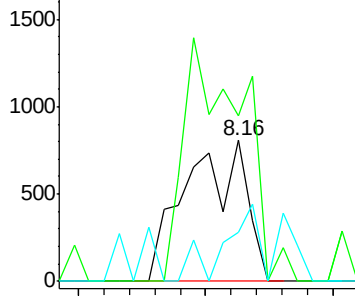
115 34.9 64.0 96.0#



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: 3.78 ng

RT: 3.58 min Scan# 126

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

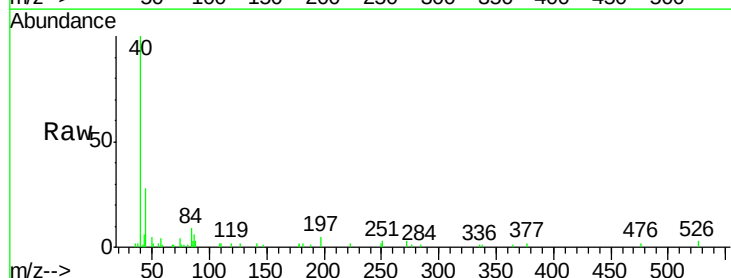
Tgt Ion: 88 Resp: 120

Ion Ratio Lower Upper

88 100

58 82.5 60.4 90.6

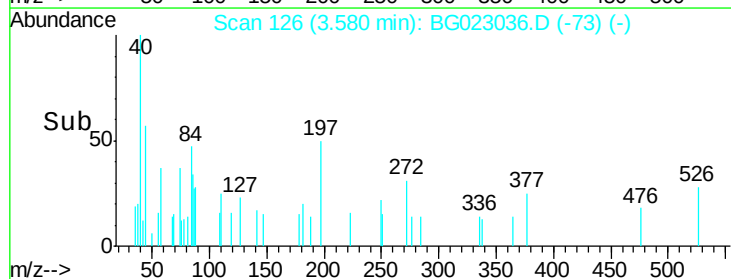
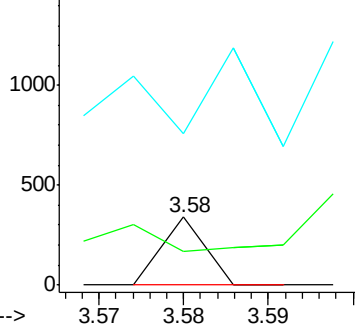
43 0.0 31.1 46.7#

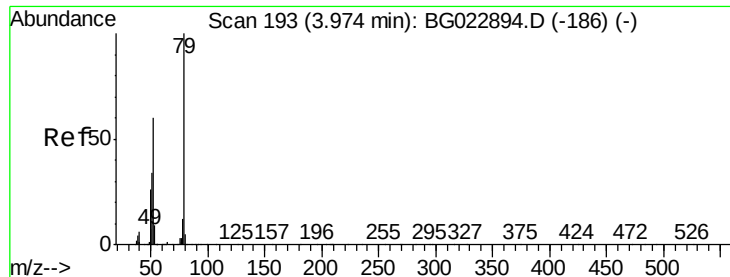


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

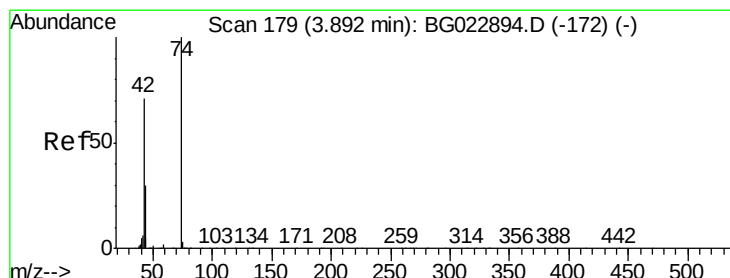
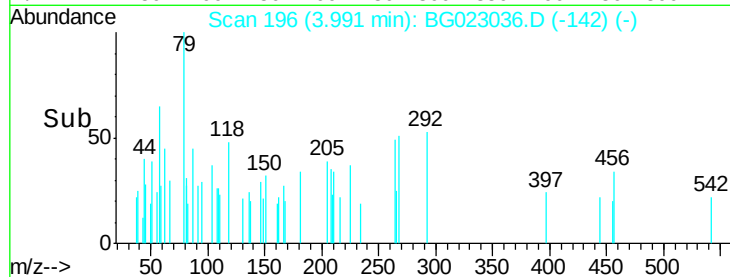
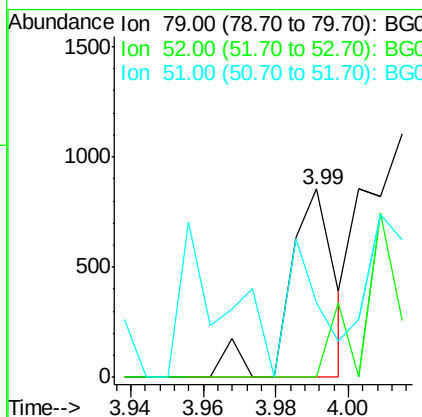
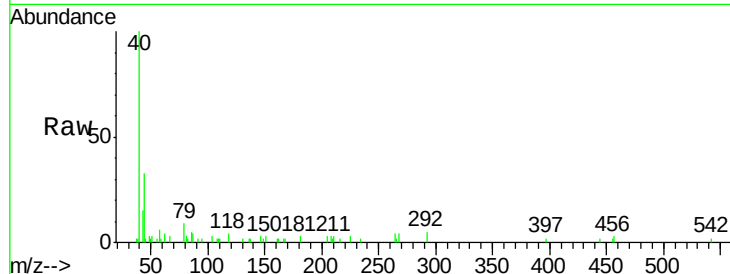




#3
 Pvridine
 Concen: 6.68 ng
 RT: 3.99 min Scan# 196
 Delta R.T. 0.02 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

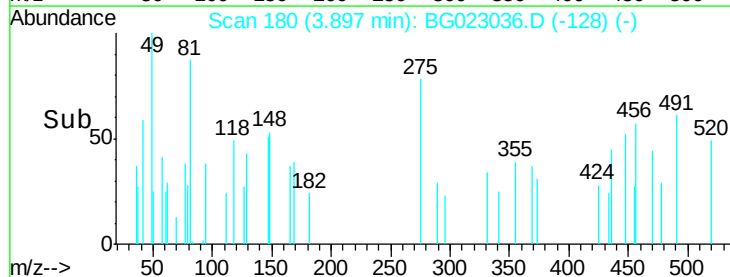
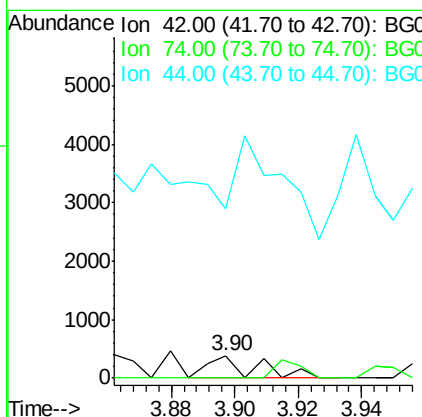
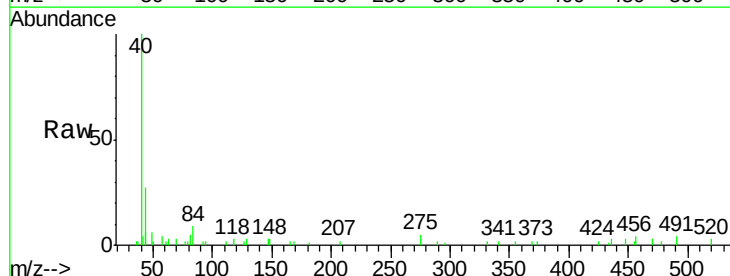
Instrument :
 BNA_G
 ClientSampleID :
 PB92009BL

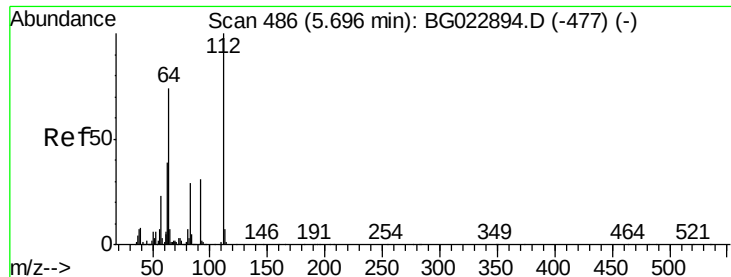
Tot Ion: 79 Resp: 725
 Ion Ratio Lower Upper
 79 100
 52 0.0 51.8 77.8#
 51 39.4 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 8.37 ng
 RT: 3.90 min Scan# 180
 Delta R.T. 0.01 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

Tgt Ion: 42 Resp: 390
 Ion Ratio Lower Upper
 42 100
 74 0.0 100.6 150.8#
 44 750.1 4.5 6.7#





#5

2-Fluorophenol

Concen: 9543.38 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

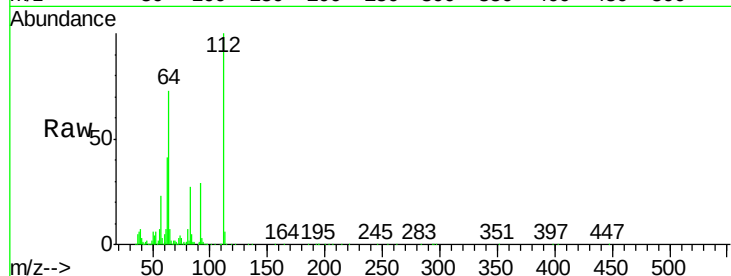
Tot Ion:112 Resp: 778988

Ion Ratio Lower Upper

112 100

64 72.5 59.0 88.4

63 40.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

5.70

400000

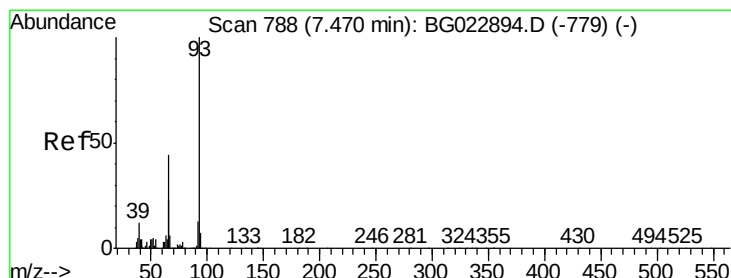
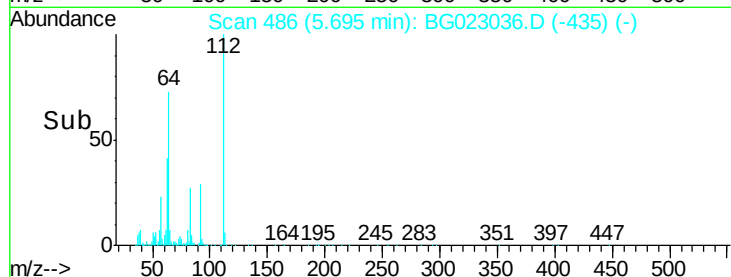
300000

200000

100000

0

Time--> 5.60 5.70 5.80



#6

Aniline

Concen: 32.91 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

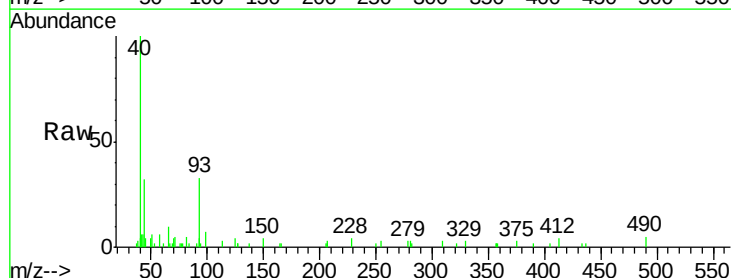
Tgt Ion: 93 Resp: 5830

Ion Ratio Lower Upper

93 100

66 30.7 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

7.47

4000

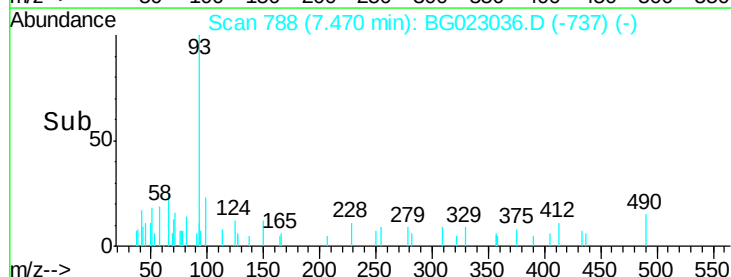
3000

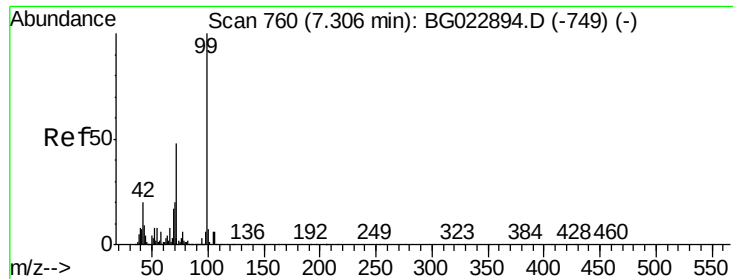
2000

1000

0

Time--> 7.40 7.45 7.50 7.55





#7

Phenol-d6

Concen: 9814.76 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

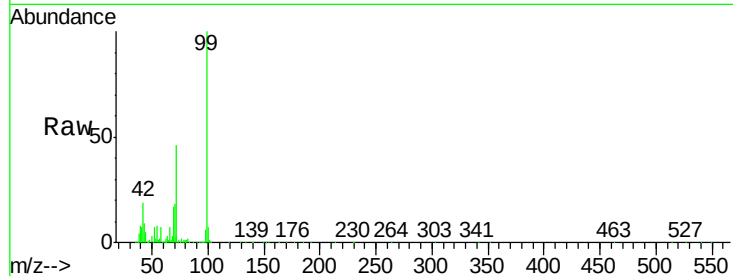
BNA_G

ClientSampleId :

PB92009BL

Tot Ion: 99 Resp: 1254776

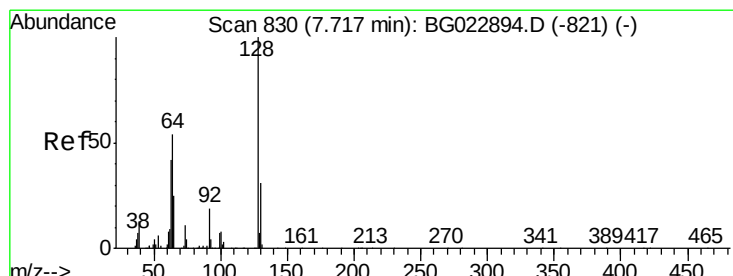
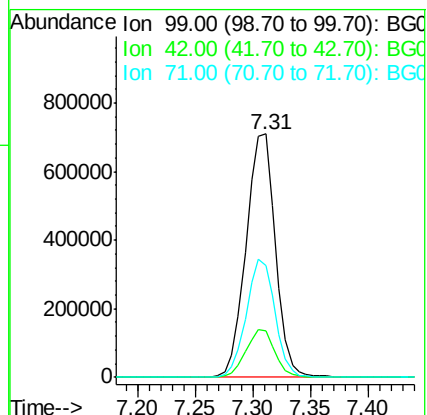
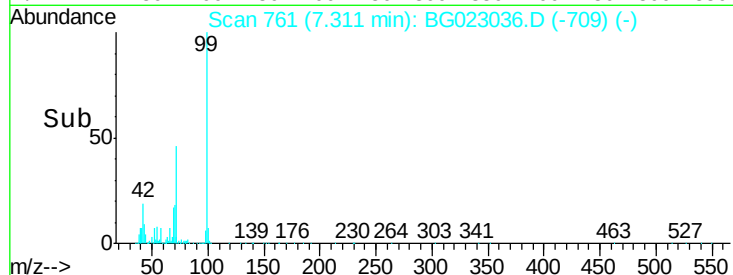
Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.8	26.6
71	46.0	41.5	62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 6.60 ng

RT: 7.71 min Scan# 829

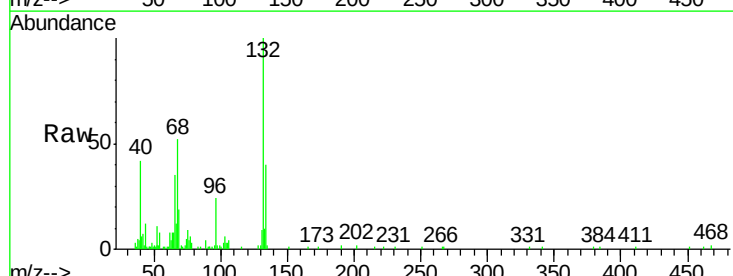
Delta R.T. -0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Tgt Ion:128 Resp: 573

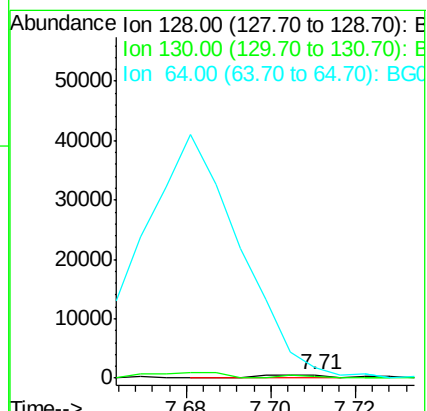
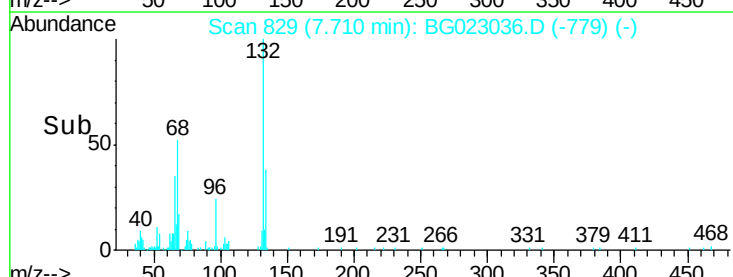
Ion	Ratio	Lower	Upper
128	100		
130	69.8	12.9	52.9#
64	364.6	42.0	82.0#

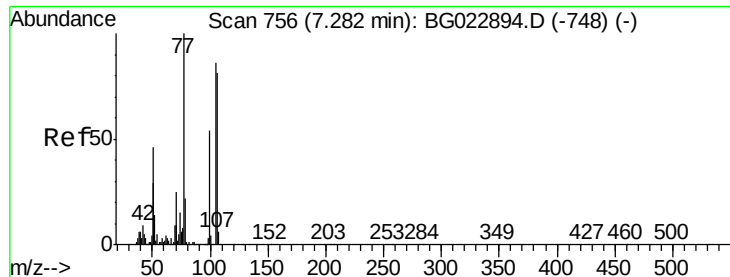


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.75 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.02 min

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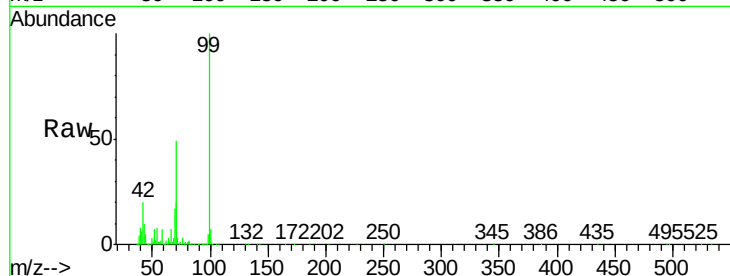
Tot Ion: 77 Resp: 2883

Ion Ratio Lower Upper

77 100

105 18.4 58.7 98.7#

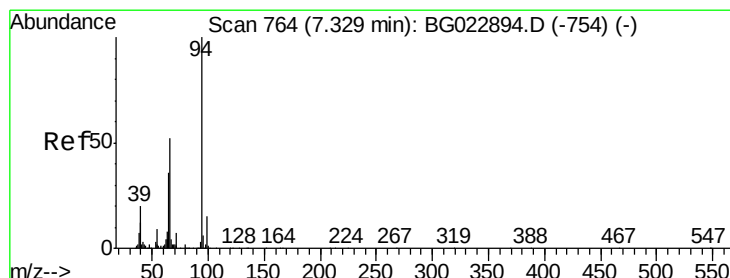
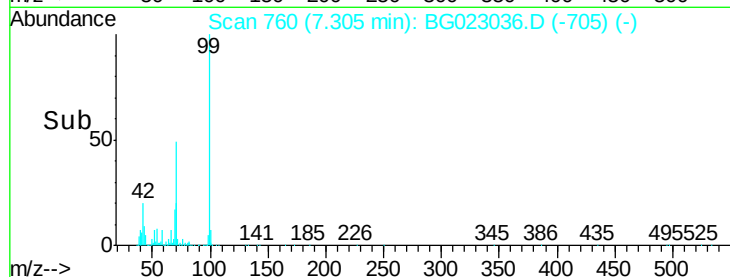
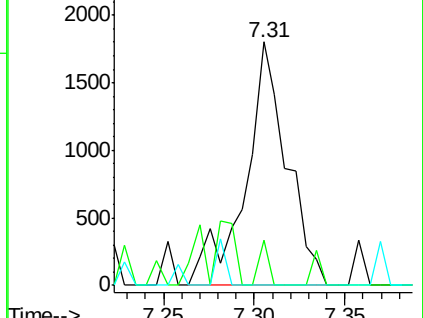
106 0.0 67.5 107.5#



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: 6.52 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

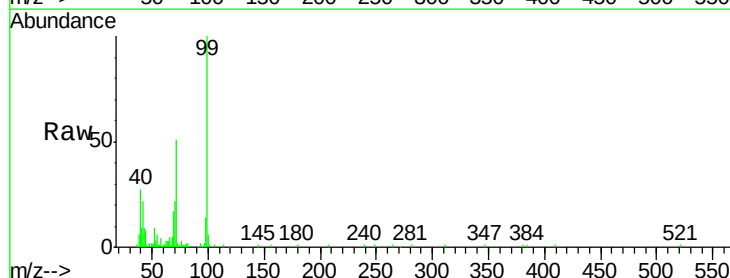
Tgt Ion: 94 Resp: 857

Ion Ratio Lower Upper

94 100

65 230.2 18.1 58.1#

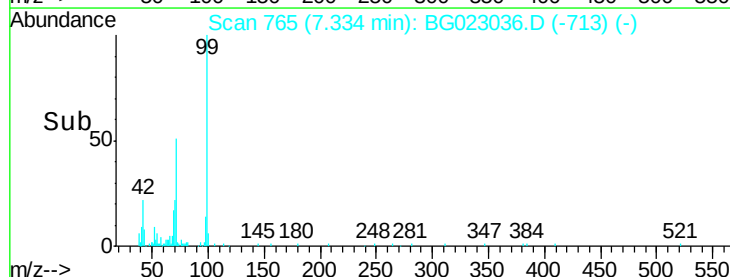
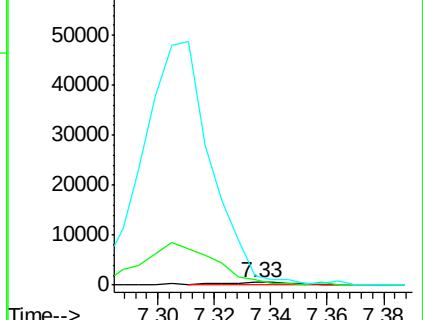
66 334.5 42.1 82.1#

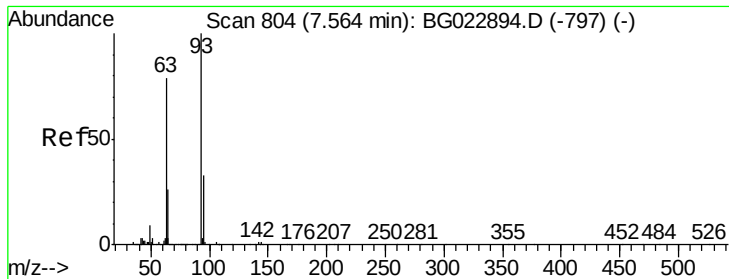


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

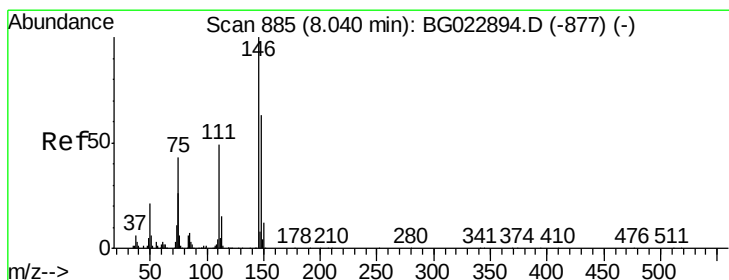
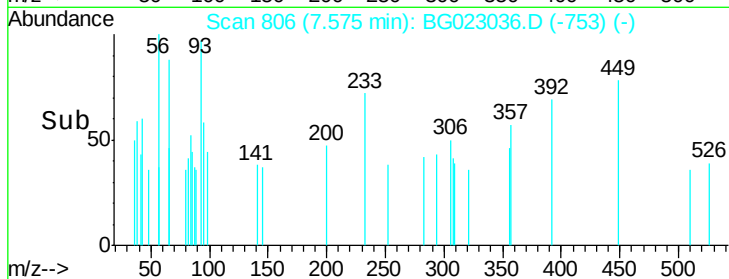
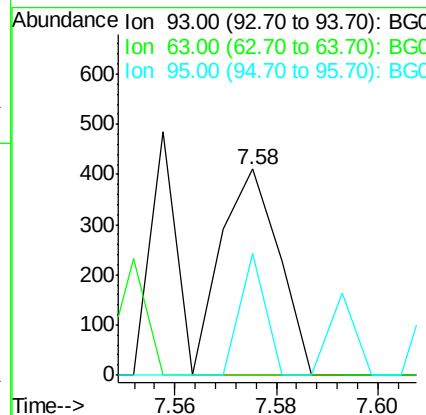
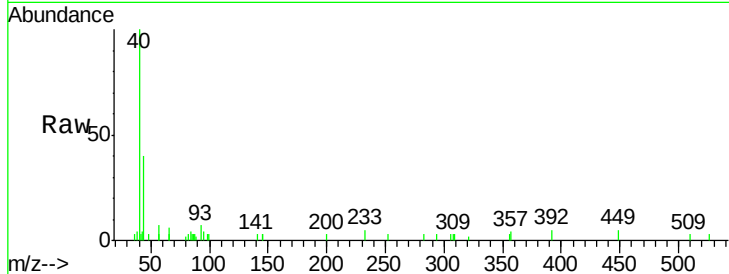




#11
bis(2-Chloroethyl)ether
Concen: 3.14 ng
RT: 7.58 min Scan# 806
Delta R.T. 0.01 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

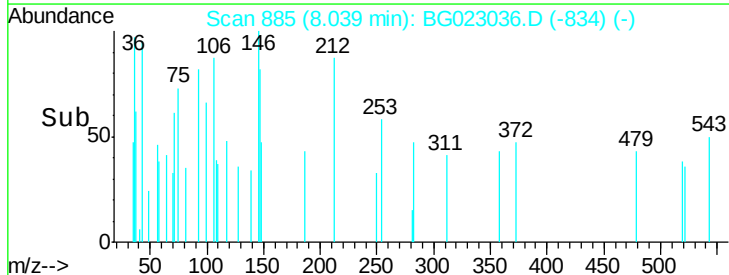
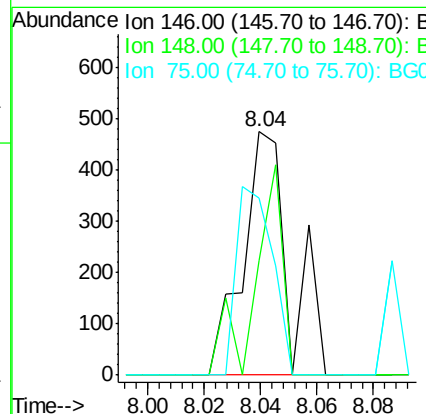
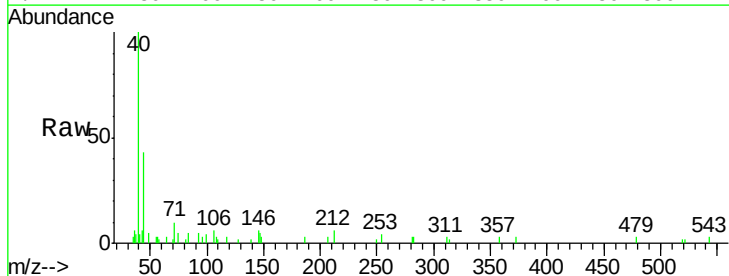
Instrument :
BNA_G
ClientSampled :
PB92009BL

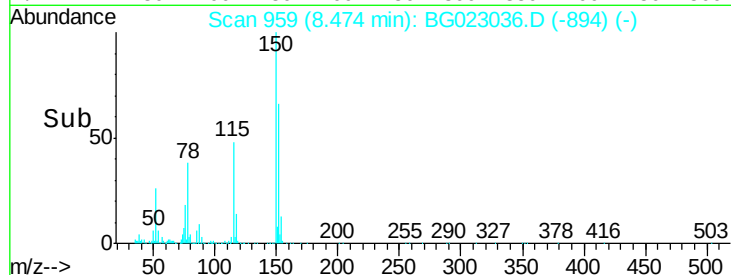
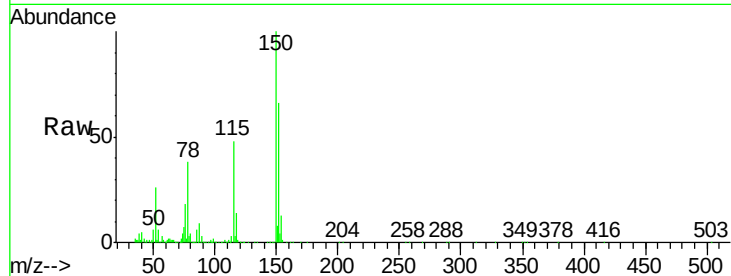
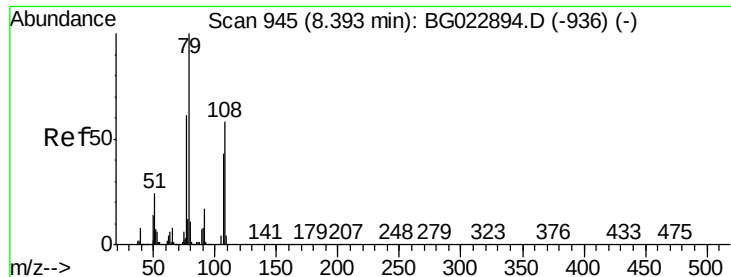
Tot Ion: 93 Resp: 327
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 59.5 11.0 51.0#



#12
1,3-Dichlorobenzene
Concen: 5.11 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion: 146 Resp: 543
Ion Ratio Lower Upper
146 100
148 47.3 50.3 75.5#
75 72.8 37.0 55.6#

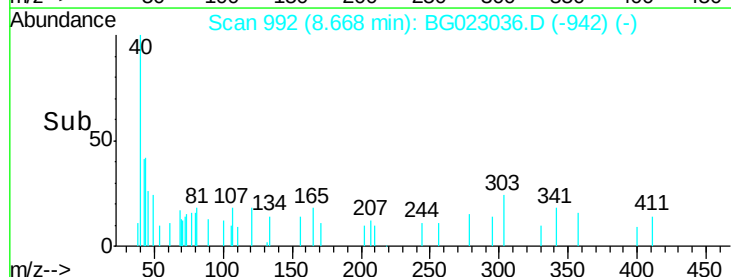
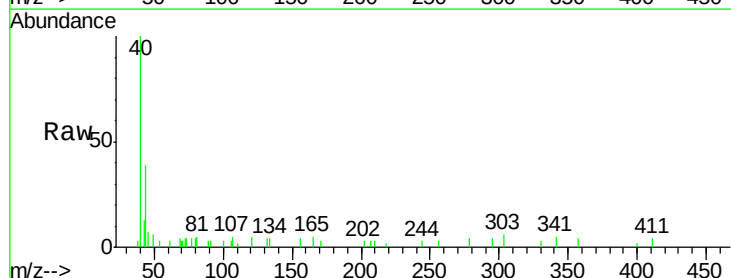
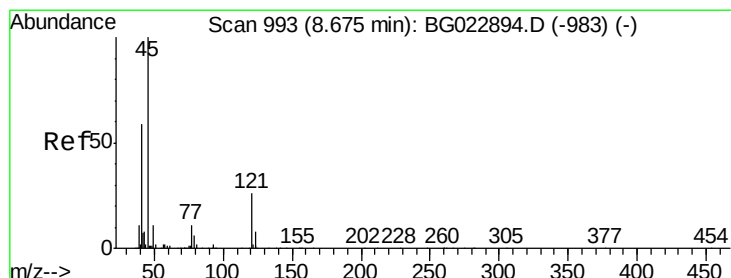
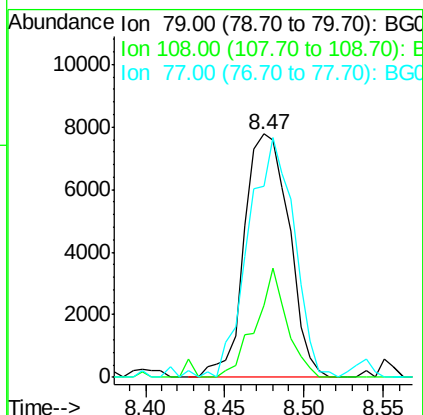




#15
Benzyl Alcohol
Concen: 130.48 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.08 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

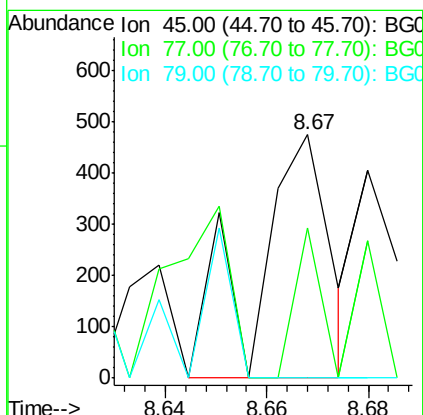
Tot Ion	Ratio	Lower	Upper
79	100		
108	29.5	46.5	69.7#
77	78.3	52.3	78.5

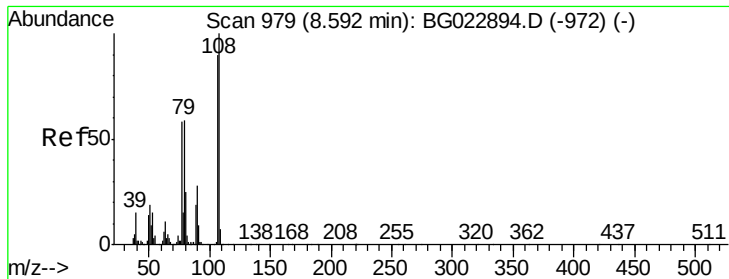
Instrument :
BNA_G
ClientSampled :
PB92009BL



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.71 ng
RT: 8.67 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	61.8	0.6	40.6#
79	0.0	0.0	36.2





#17

2-Methylphenol

Concen: 3.36 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

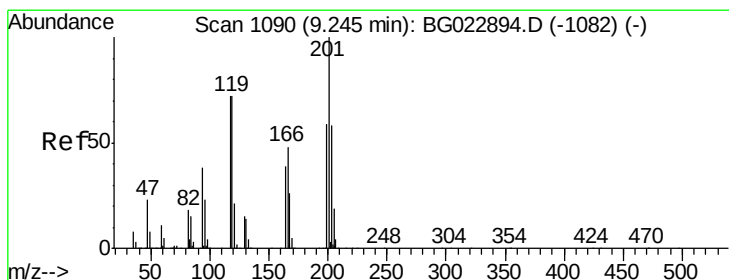
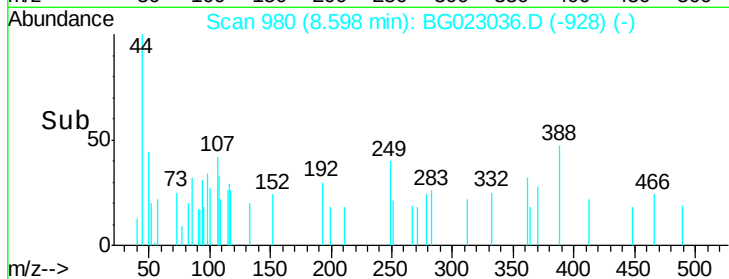
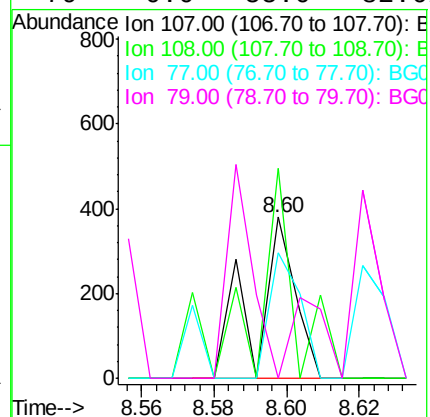
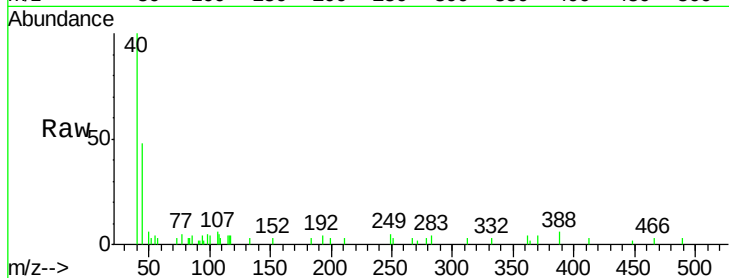
Instrument :

BNA_G

ClientSampled :

PB92009BL

Tot Ion:	107	Resp:	288
Ion	Ratio	Lower	Upper
107	100		
108	130.5	92.0	138.0
77	78.2	55.8	83.6
79	0.0	55.0	82.6#



#18

Hexachloroethane

Concen: 5.54 ng

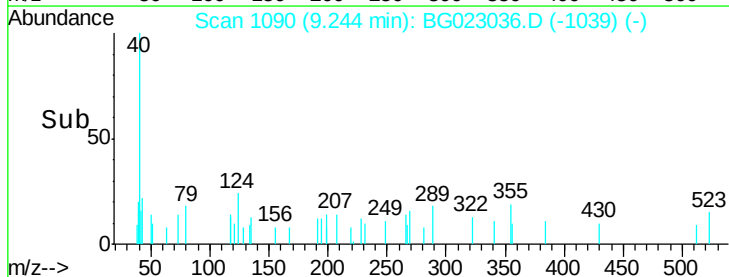
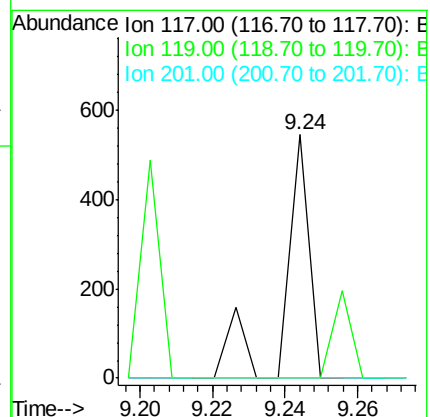
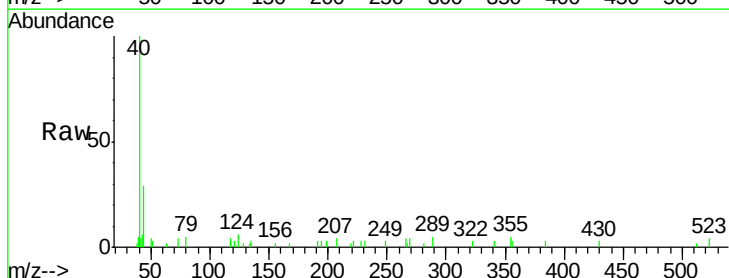
RT: 9.24 min Scan# 1090

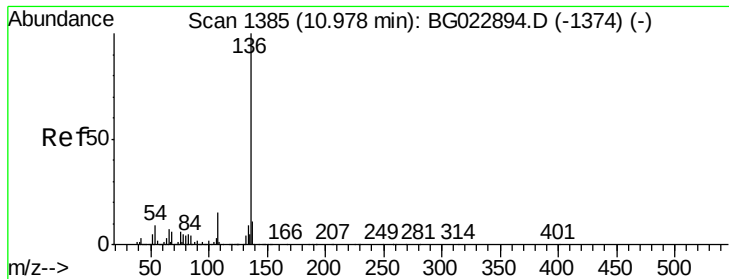
Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Tgt Ion:	117	Resp:	249
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.7	110.5#
201	0.0	88.7	133.1#

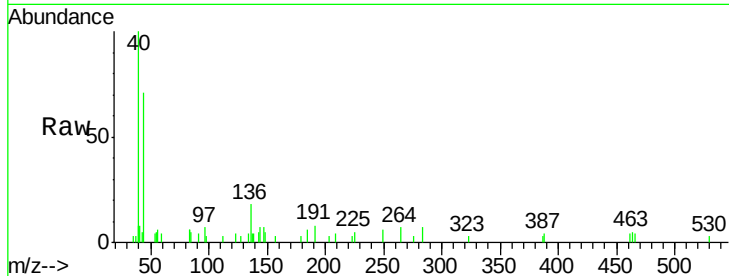




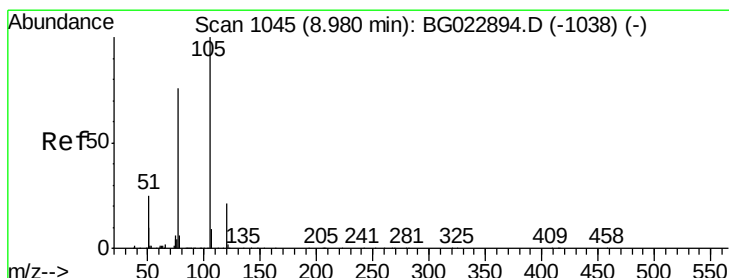
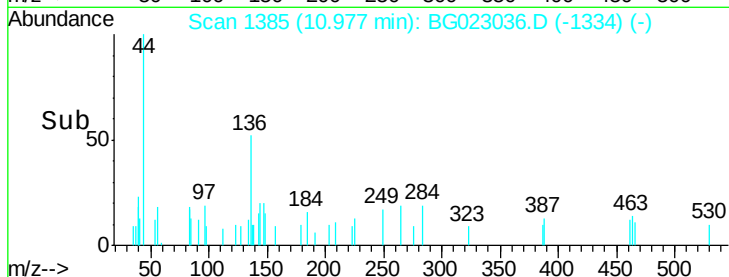
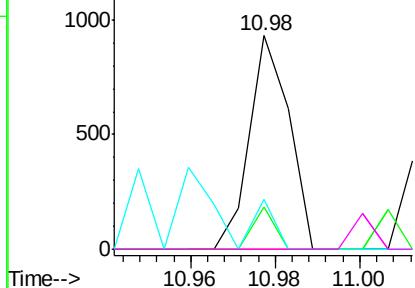
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Instrument :
BNA_G
ClientSampled :
PB92009BL

Tot Ion:136	Resp: 606
Ion Ratio	Lower Upper
136 100	
137 19.7	9.6 14.4#
54 23.6	7.3 10.9#
68 0.0	5.3 7.9#

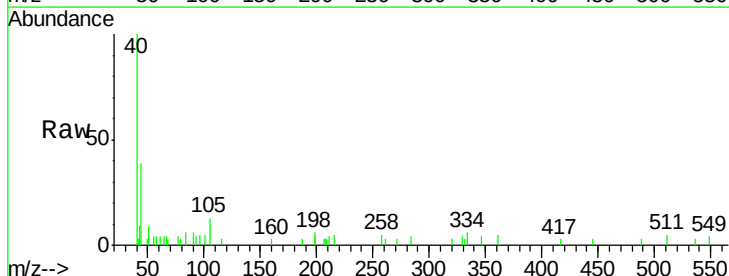


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

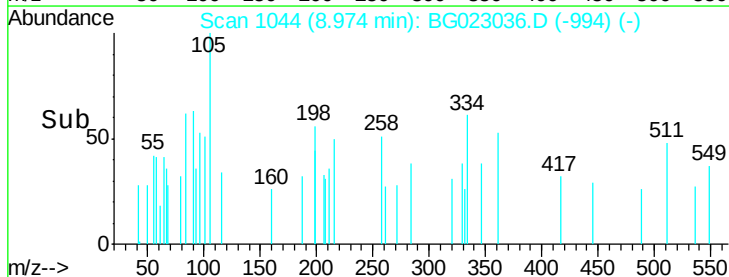
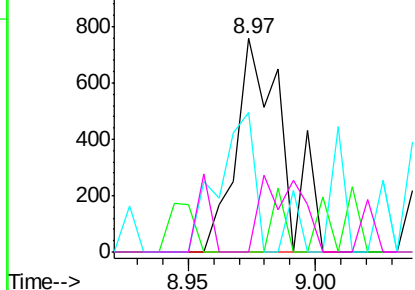


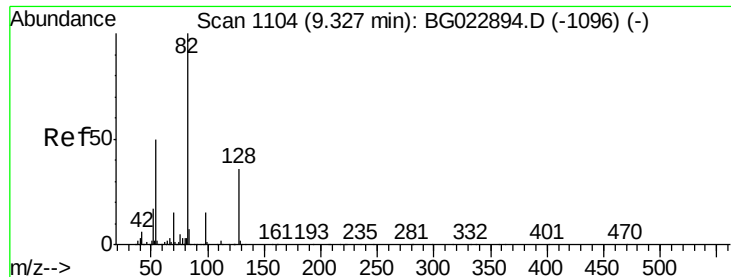
#22
Acetophenone
Concen: 53.72 ng
RT: 8.97 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt	Ion:105	Resp:	977
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	65.3	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

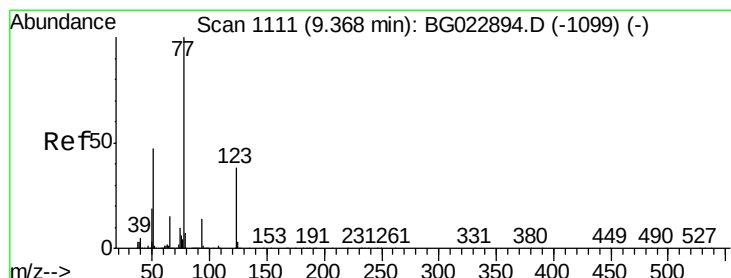
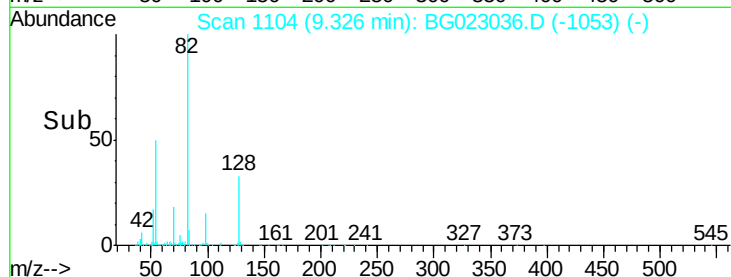
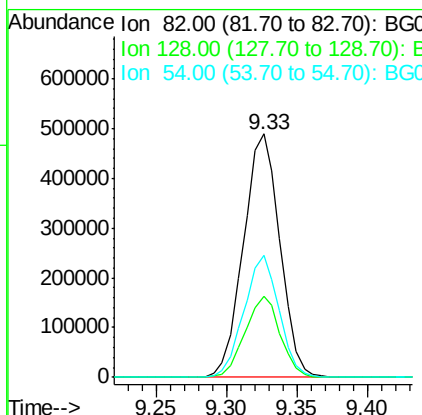
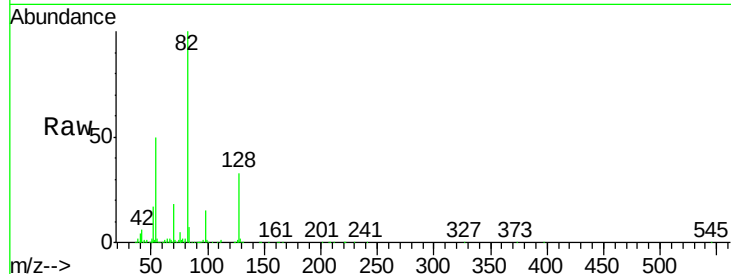




#23
 Nitrobenzene-d5
 Concen: 62637.29 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

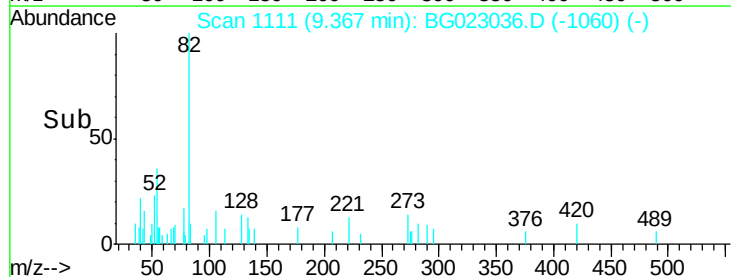
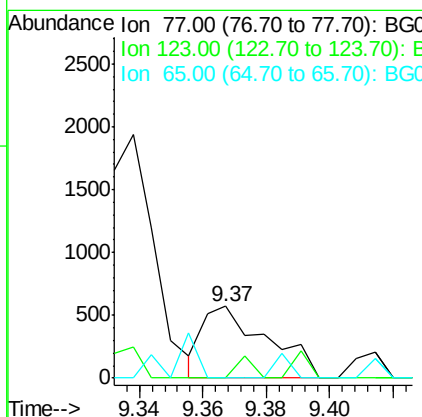
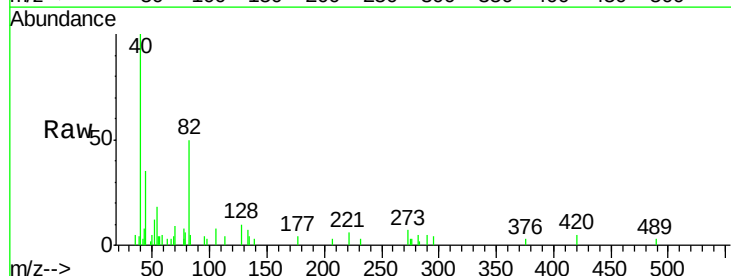
Instrument :
 BNA_G
 ClientSampleId :
 PB92009BL

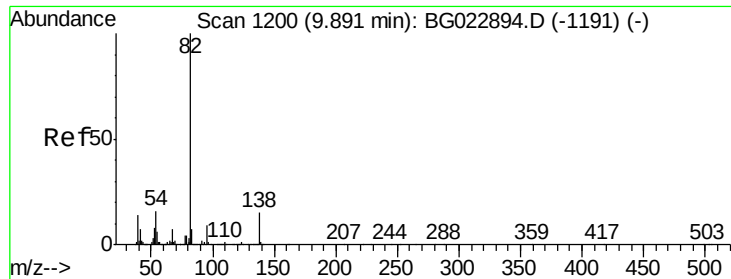
Tot Ion	82	Resp	886474
Ion Ratio	Lower	Upper	
82	100		
128	33.5	24.4	36.6
54	50.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 53.26 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

Tgt Ion	77	Resp	801
Ion Ratio	Lower	Upper	
77	100		
123	0.0	25.0	37.6#
65	0.0	13.4	20.0#





#25

Isophorone

Concen: 15.11 ng

RT: 9.88 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleID :

PB92009BL

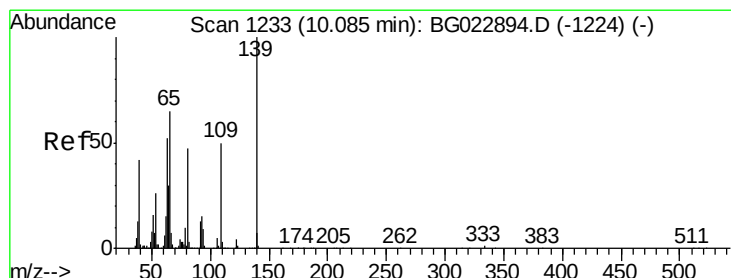
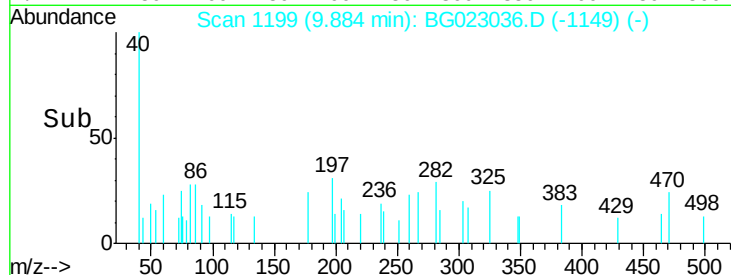
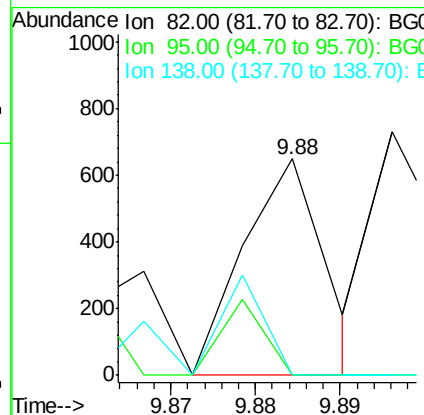
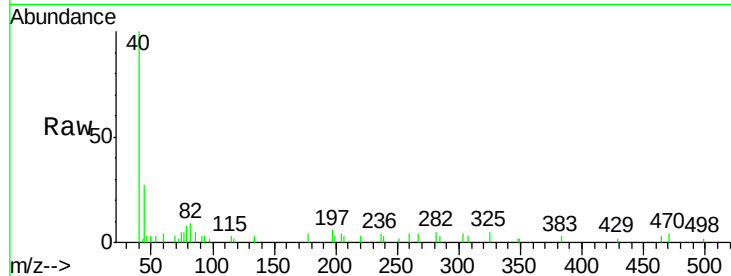
Tot Ion: 82 Resp: 430

Ion Ratio Lower Upper

82 100

95 0.0 8.2 12.2#

138 0.0 10.7 16.1#



#26

2-Nitrophenol

Concen: 15.59 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

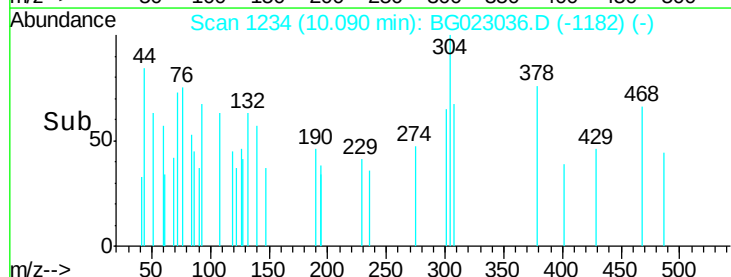
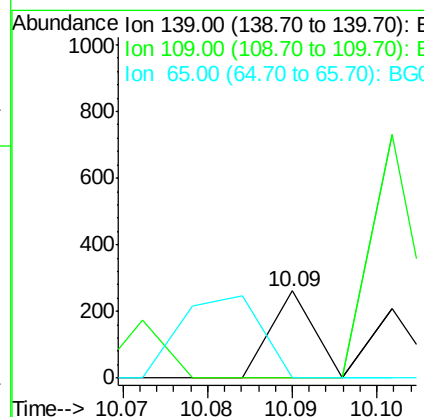
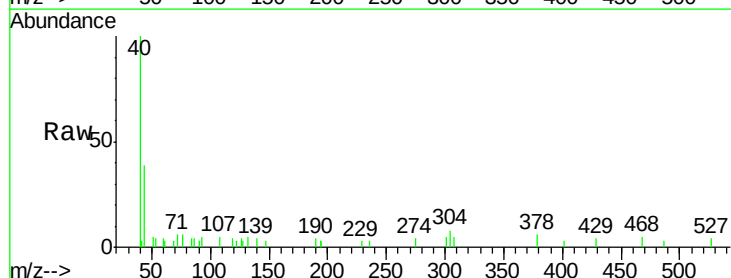
Tgt Ion: 139 Resp: 92

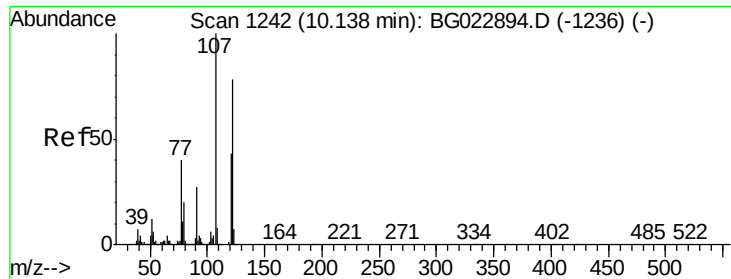
Ion Ratio Lower Upper

139 100

109 0.0 43.5 65.3#

65 0.0 64.3 96.5#





#27

2,4-Dimethylphenol

Concen: 6.57 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

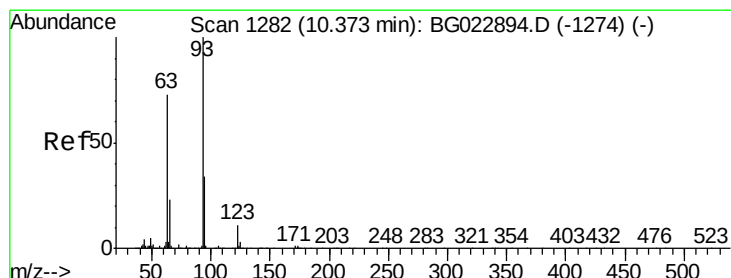
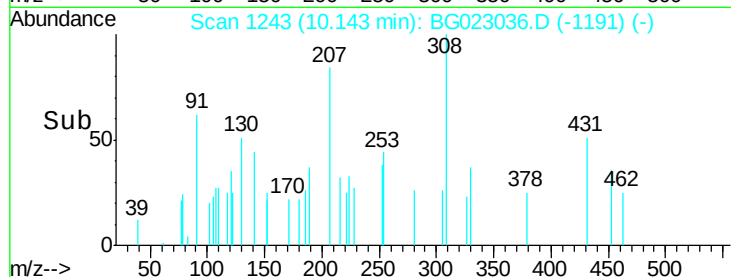
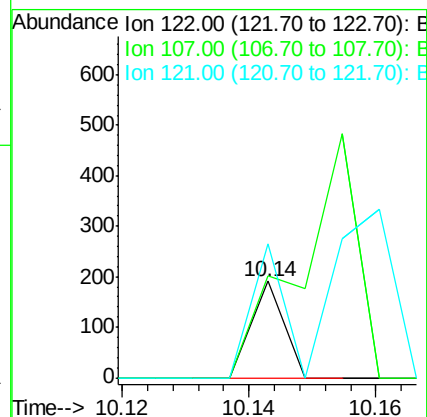
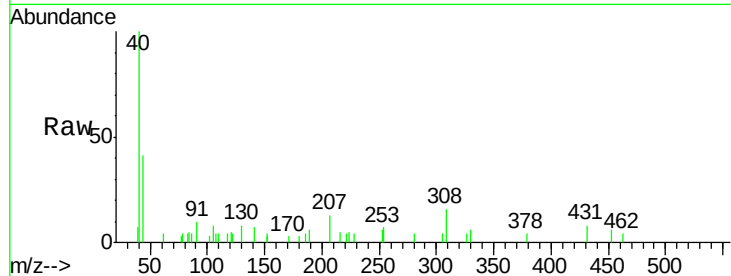
Tot Ion:122 Resp: 67

Ion Ratio Lower Upper

122 100

107 105.8 117.0 175.4#

121 138.2 50.1 75.1#



#28

bis(2-Chloroethoxy)methane

Concen: 7.75 ng

RT: 10.38 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

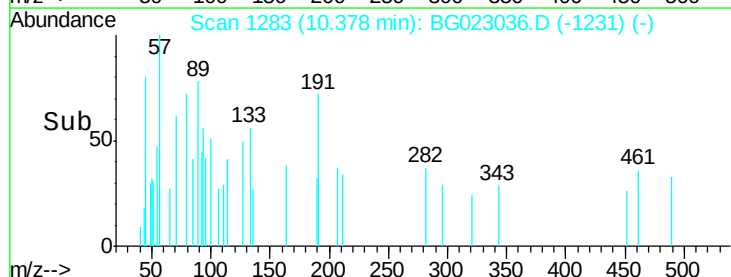
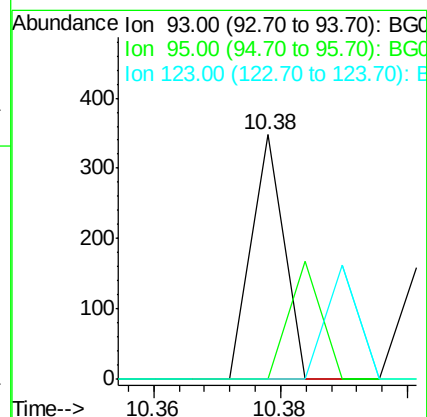
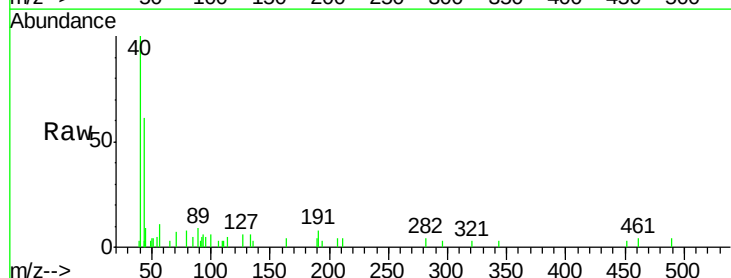
Tgt Ion: 93 Resp: 123

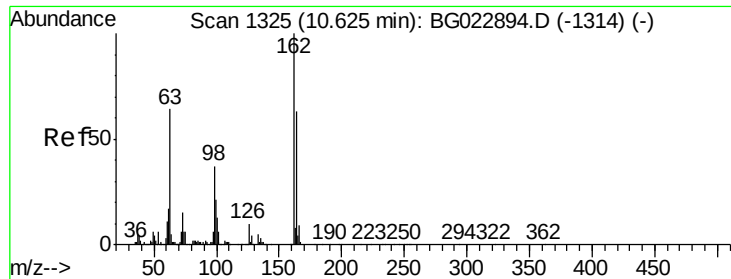
Ion Ratio Lower Upper

93 100

95 0.0 25.4 38.2#

123 0.0 8.2 12.2#

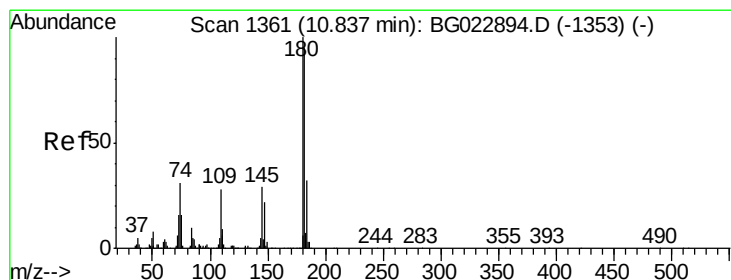
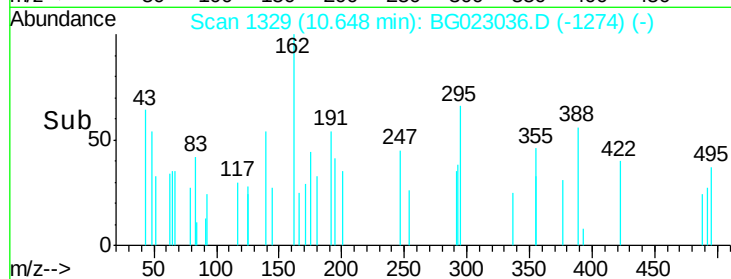
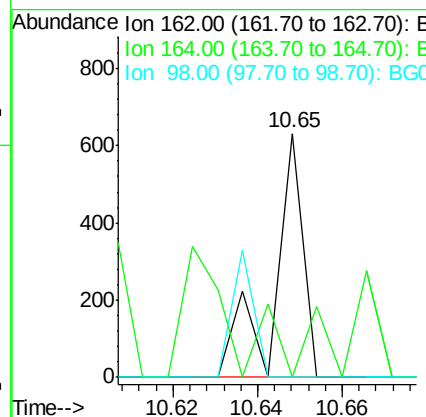
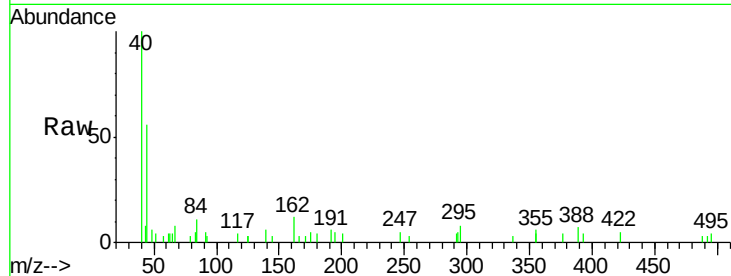




#29
2,4-Dichlorophenol
Concen: 27.76 ng
RT: 10.65 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

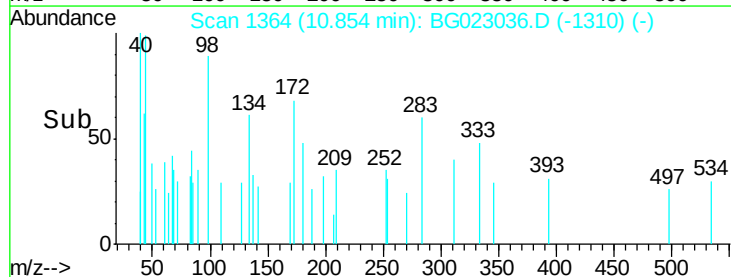
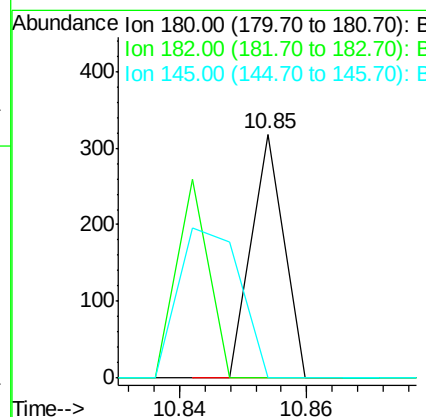
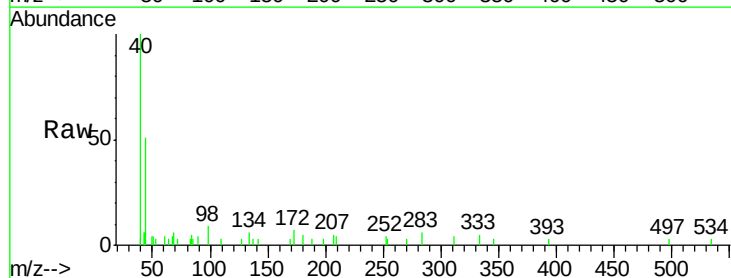
Instrument :
BNA_G
ClientSampleId :
PB92009BL

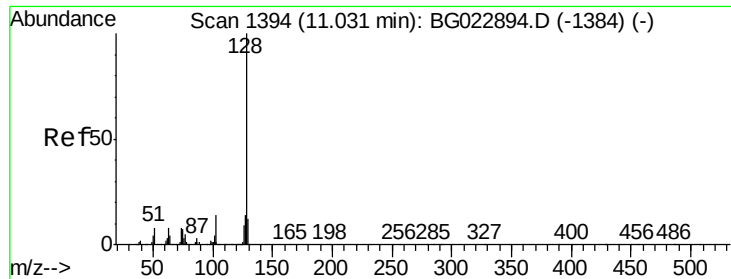
Tot Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.3	84.3#
98	0.0	19.5	59.5#



#30
1,2,4-Trichlorobenzene
Concen: 8.98 ng
RT: 10.85 min Scan# 1364
Delta R.T. 0.02 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

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

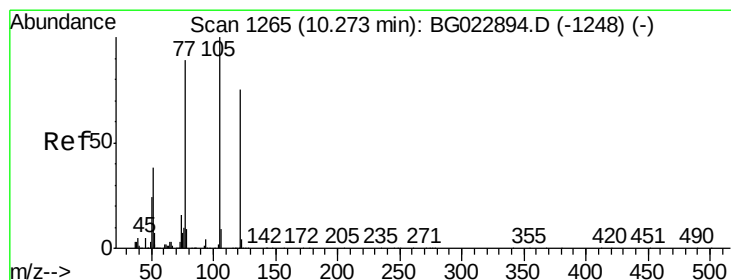
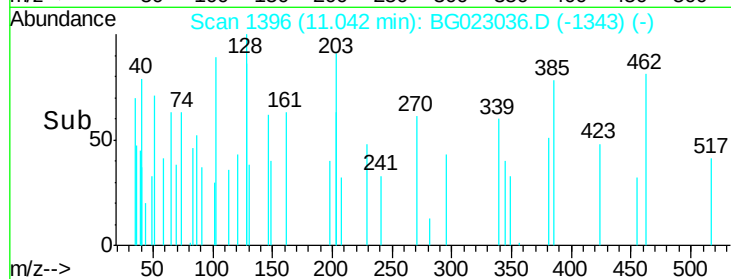
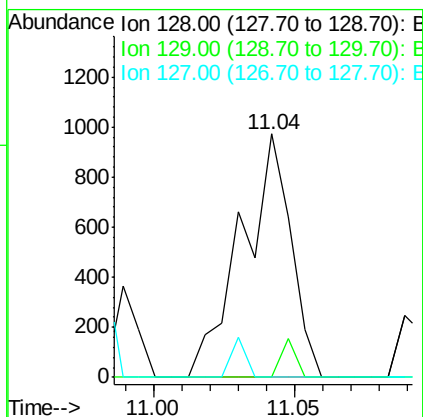
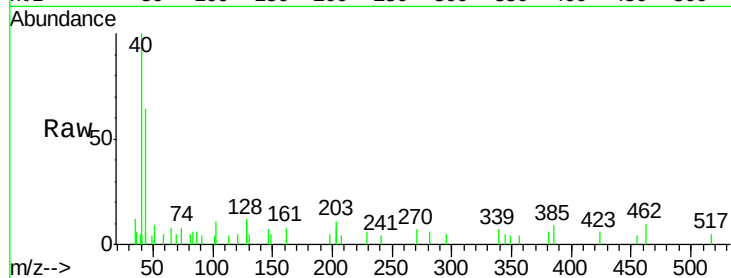




#31
Naphthalene
Concen: 38.02 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

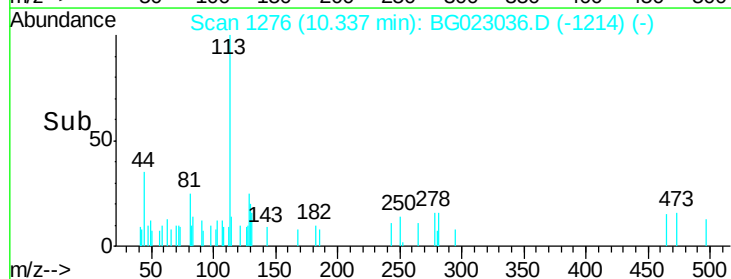
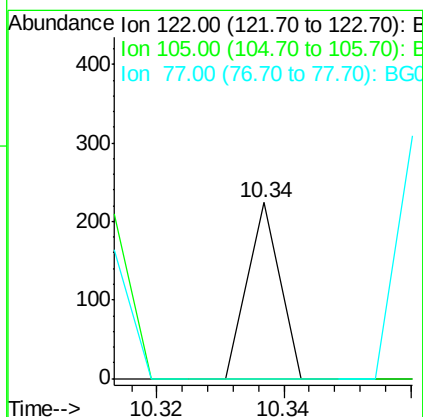
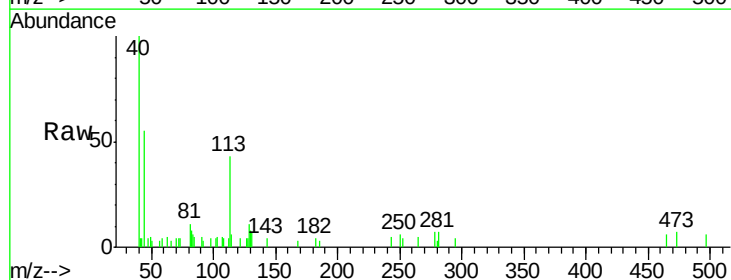
Instrument :
BNA_G
ClientSampleId :
PB92009BL

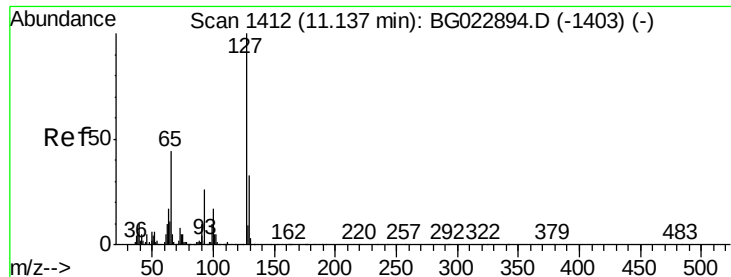
Tot Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.4	14.0#
127	0.0	11.3	16.9#



#32
Benzoic acid
Concen: 8.51 ng
RT: 10.34 min Scan# 1276
Delta R.T. 0.06 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#

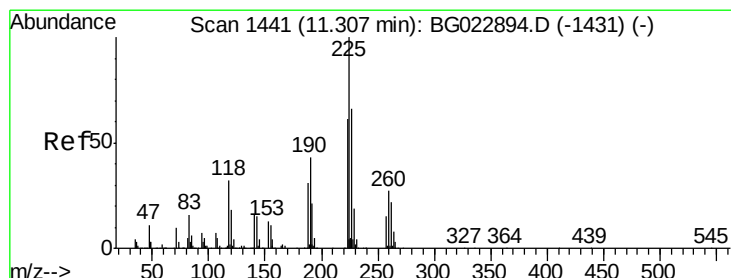
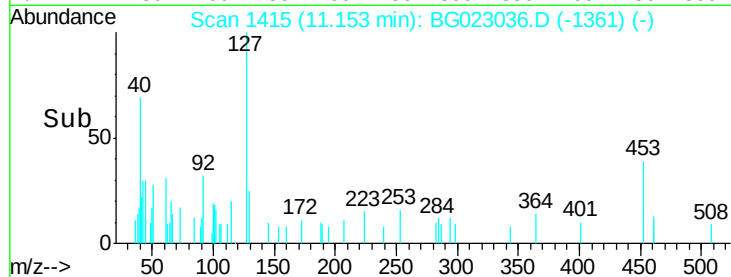
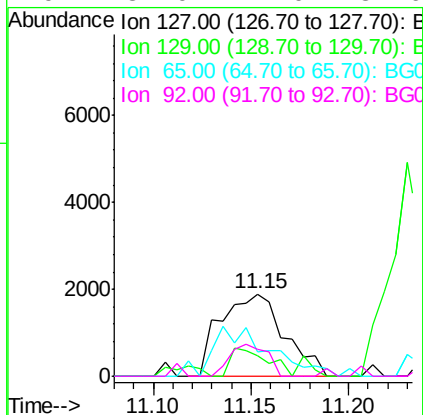
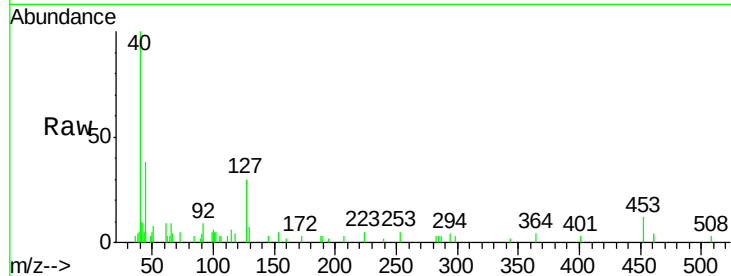




#33
4-Chloroaniline
Concen: 282.85 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

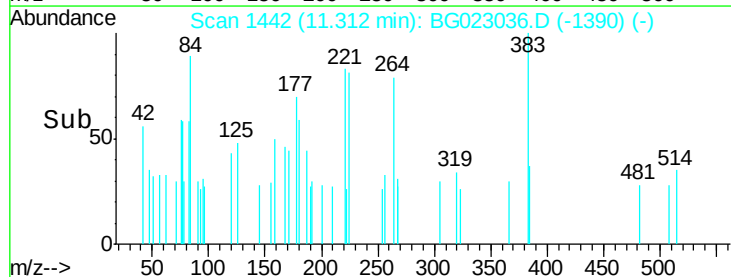
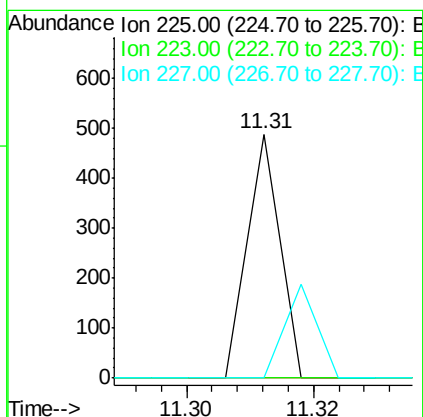
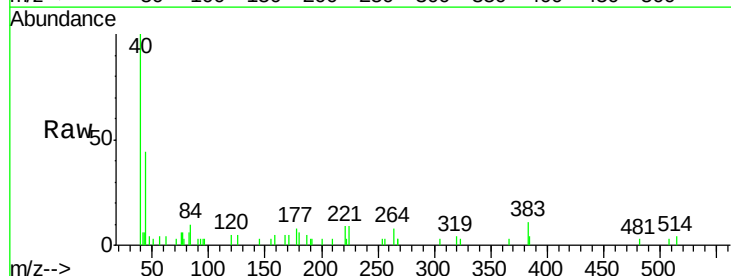
Instrument :
BNA_G
ClientSampleId :
PB92009BL

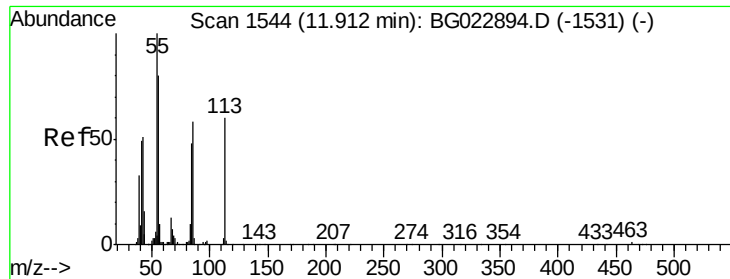
Tot Ion:127 Resp: 4267
Ion Ratio Lower Upper
127 100
129 24.5 27.9 41.9#
65 30.2 36.8 55.2#
92 32.0 21.0 31.6#



#34
Hexachlorobutadiene
Concen: 17.02 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion:225 Resp: 172
Ion Ratio Lower Upper
225 100
223 0.0 49.6 74.4#
227 0.0 54.5 81.7#





#35

Caprolactam

Concen: 14.75 ng

RT: 11.99 min Scan# 1557

Delta R.T. 0.08 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

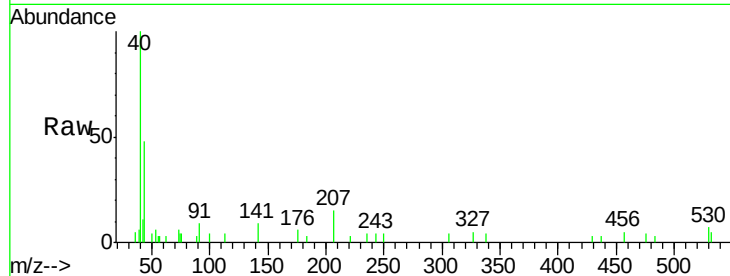
Tot Ion:113 Resp: 66

Ion Ratio Lower Upper

113 100

55 0.0 154.5 194.5#

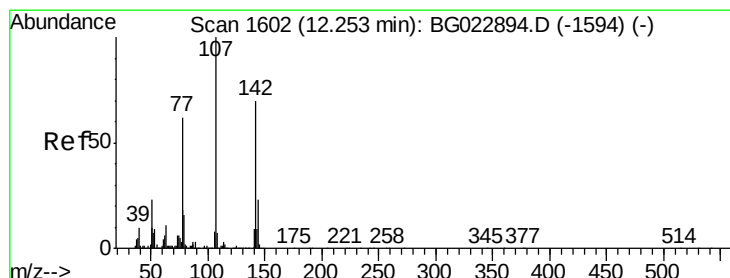
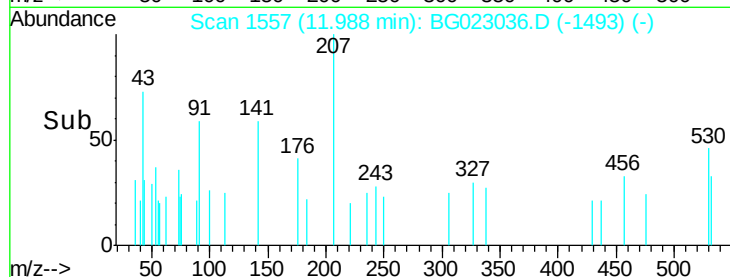
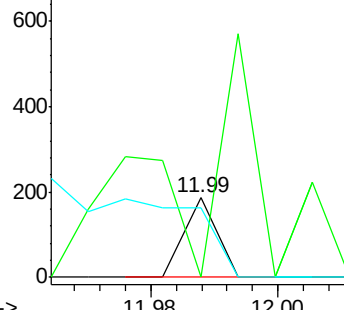
56 86.6 125.1 165.1#



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: 8.33 ng

RT: 12.24 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

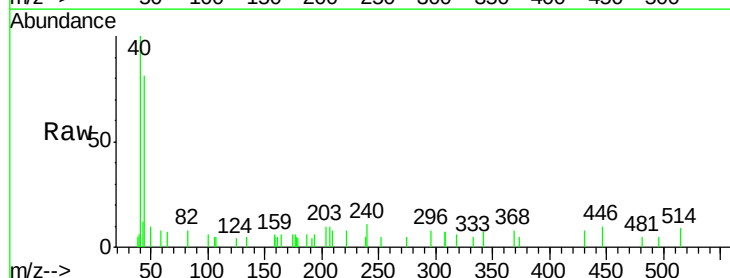
Tgt Ion:107 Resp: 124

Ion Ratio Lower Upper

107 100

144 0.0 17.0 25.6#

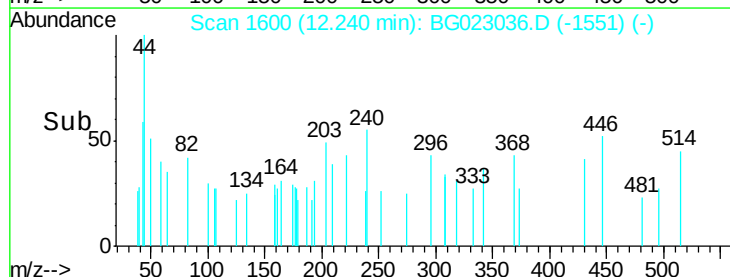
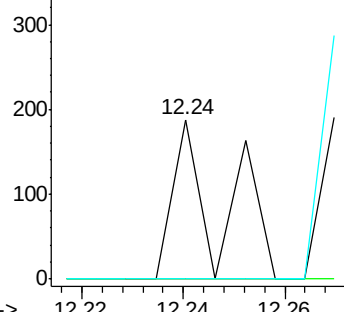
142 0.0 53.0 79.6#

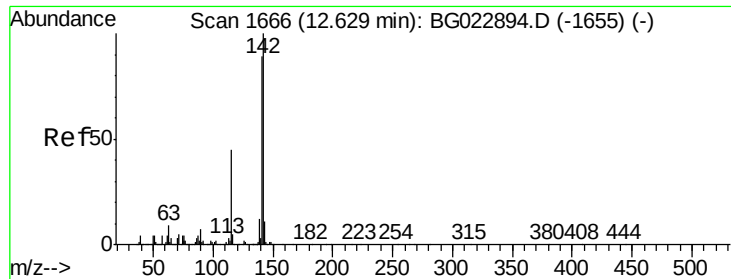


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

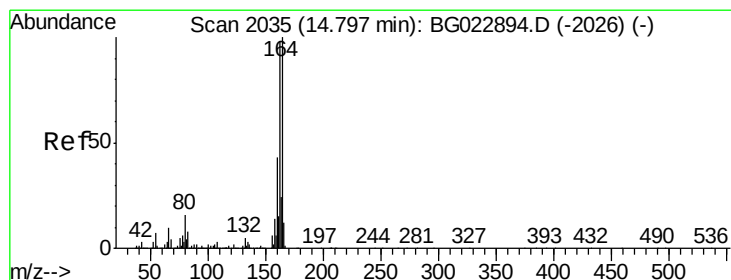
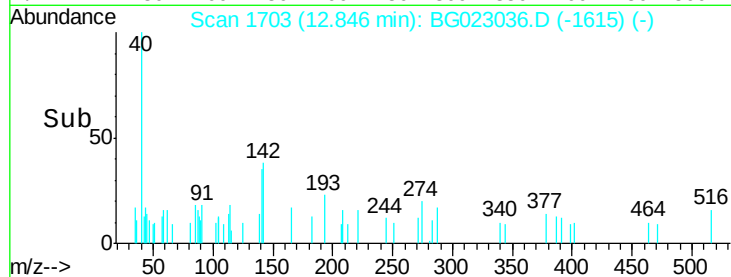
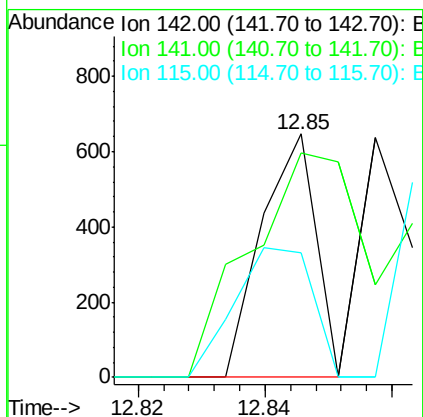
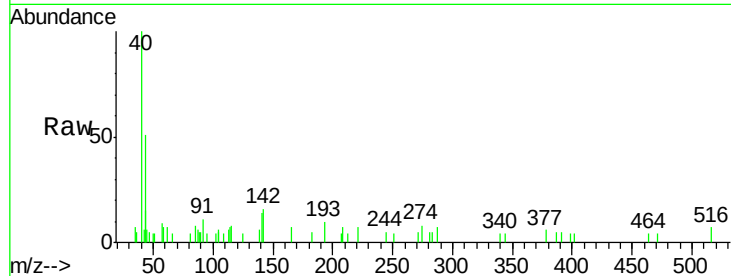




#37
2-Methylnaphthalene
Concen: 15.67 ng
RT: 12.85 min Scan# 1703
Delta R.T. 0.22 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

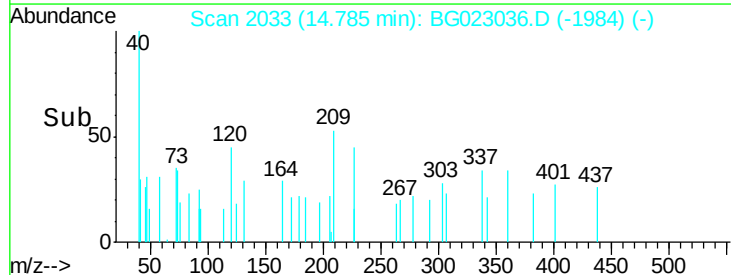
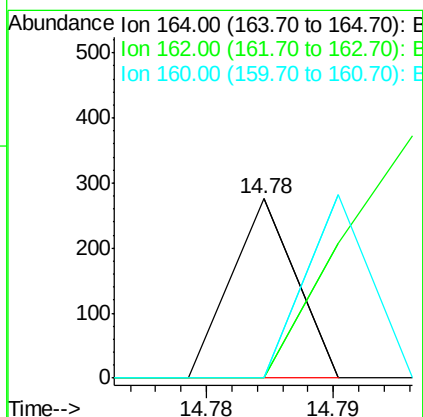
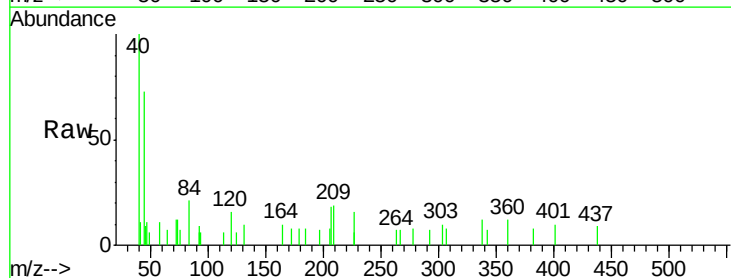
Instrument :
BNA_G
ClientSampled :
PB92009BL

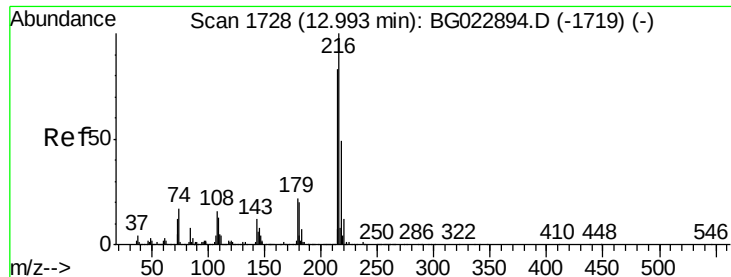
Tot Ion:142 Resp: 382
Ion Ratio Lower Upper
142 100
141 92.4 70.2 105.2
115 51.0 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion:164 Resp: 97
Ion Ratio Lower Upper
164 100
162 0.0 87.7 131.5#
160 0.0 37.2 55.8#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 185.16 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

Tot Ion:216 Resp: 774

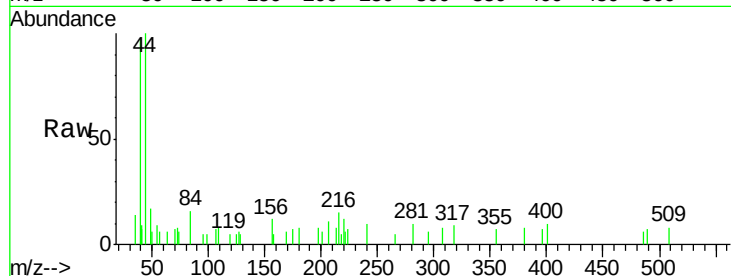
Ion Ratio Lower Upper

216 100

214 7.5 62.9 94.3#

179 0.0 17.2 25.8#

108 7.0 16.3 24.5#

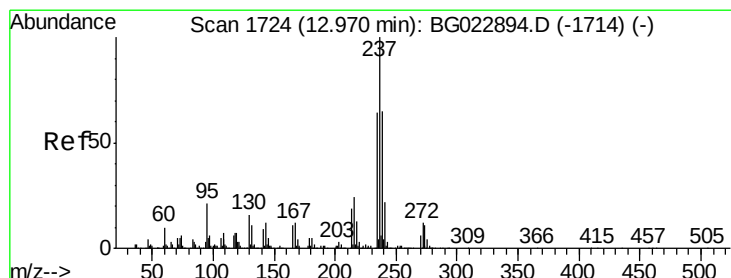
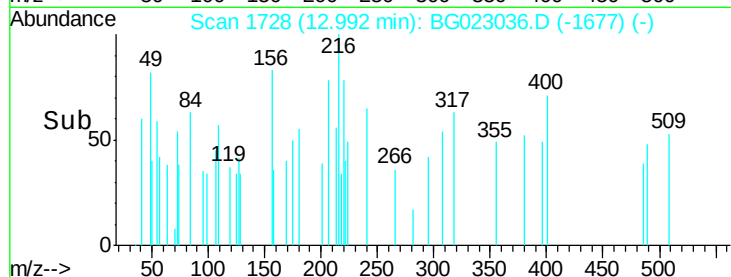
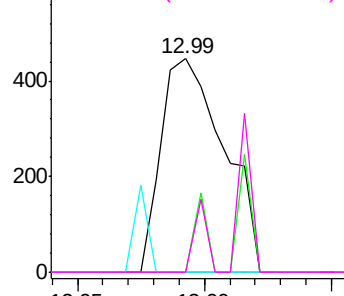


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.20 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

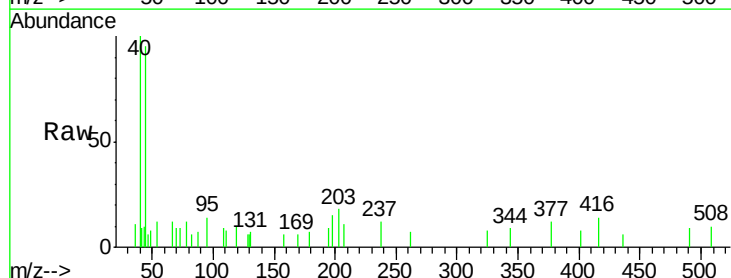
Tgt Ion:237 Resp: 193

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

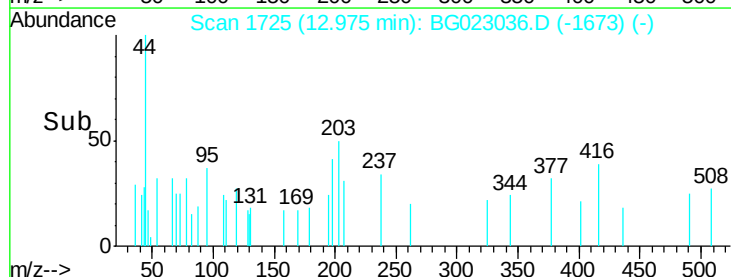
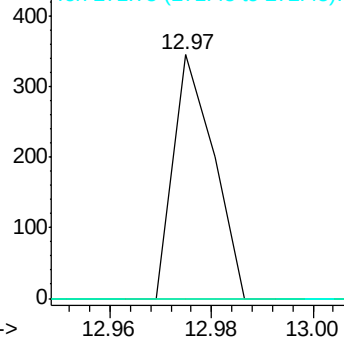
272 0.0 0.0 30.9

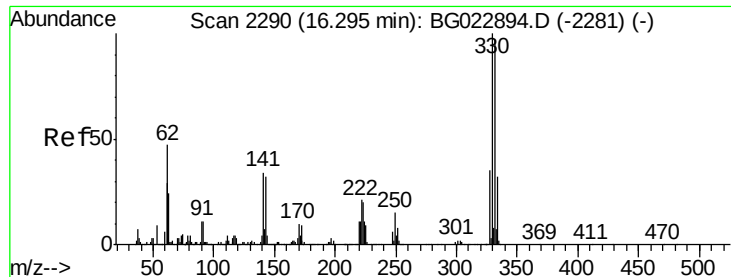


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 406714.49 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

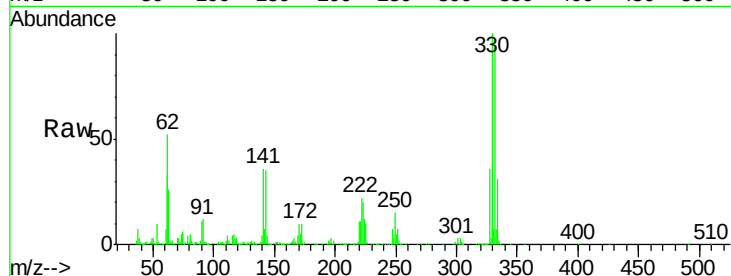
Tot Ion:330 Resp: 709035

Ion Ratio Lower Upper

330 100

332 99.3 77.4 116.2

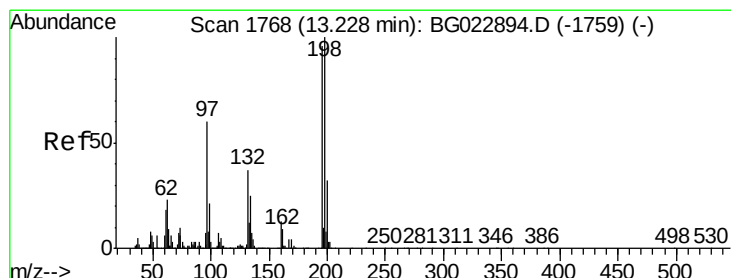
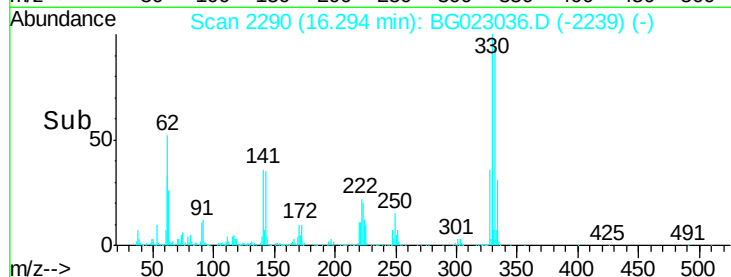
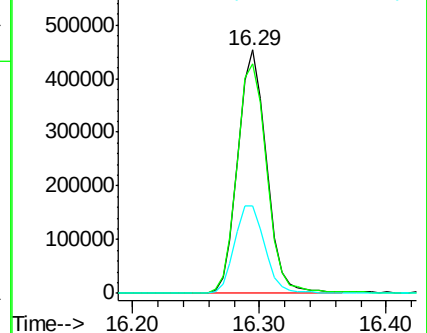
141 38.3 31.7 47.5



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: 179.39 ng

RT: 13.24 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

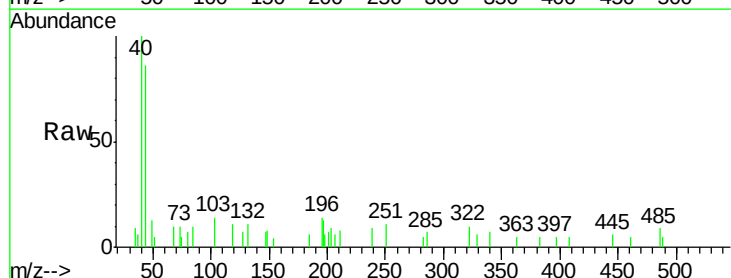
Tgt Ion:196 Resp: 431

Ion Ratio Lower Upper

196 100

198 22.1 78.2 117.2#

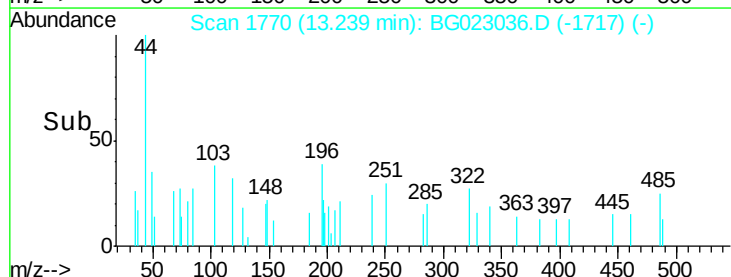
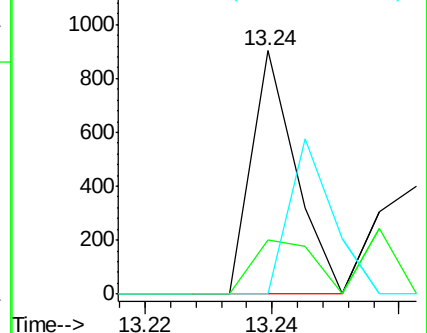
200 0.0 27.0 40.4#

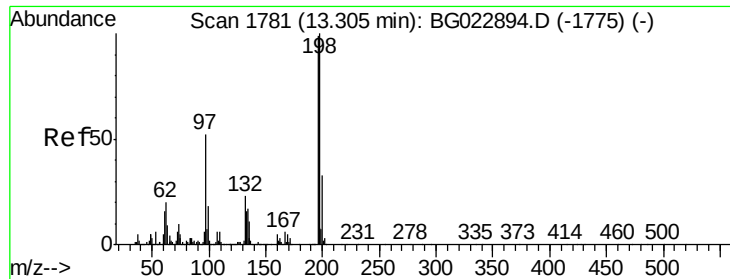


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

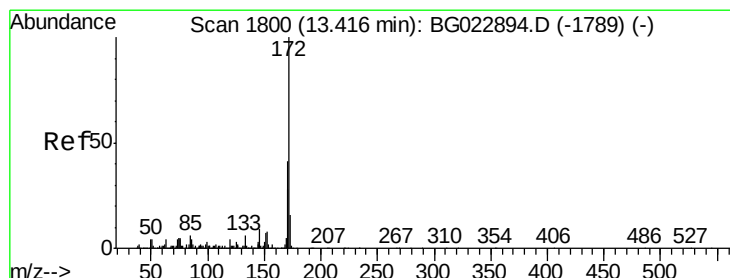
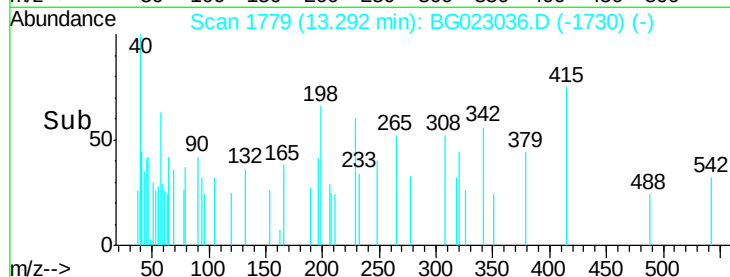
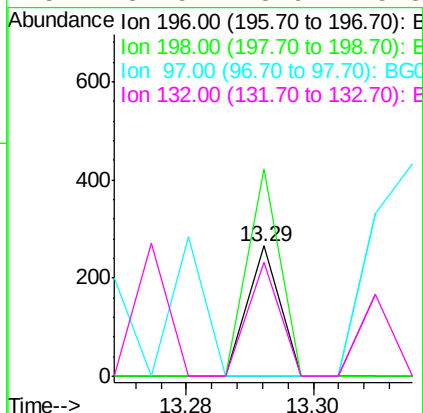
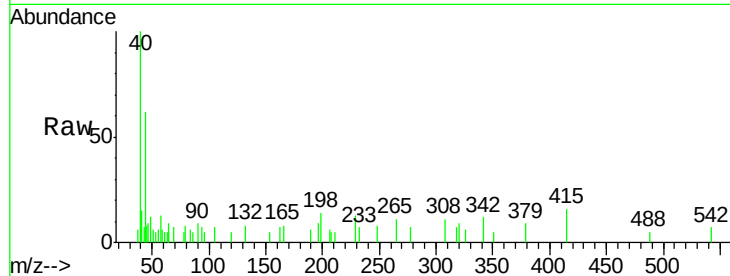




#43
 2,4,5-Trichlorophenol
 Concen: 37.69 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

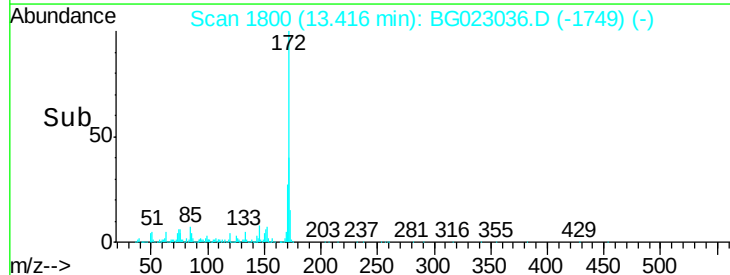
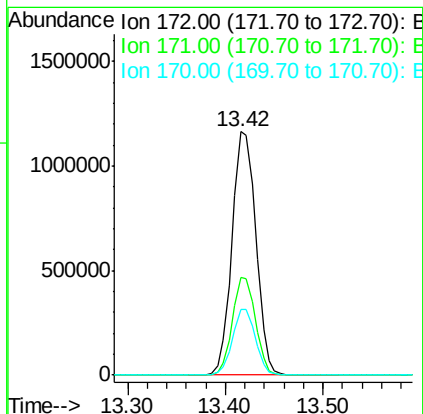
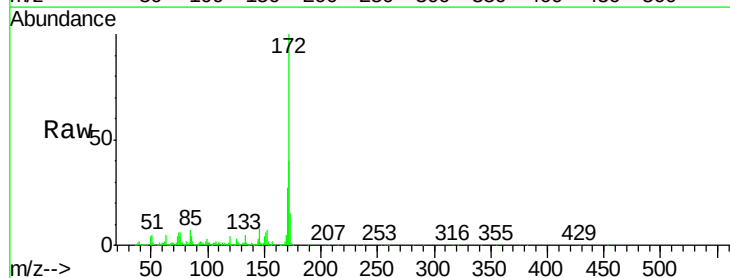
Instrument :
 BNA_G
 ClientSampleID :
 PB92009BL

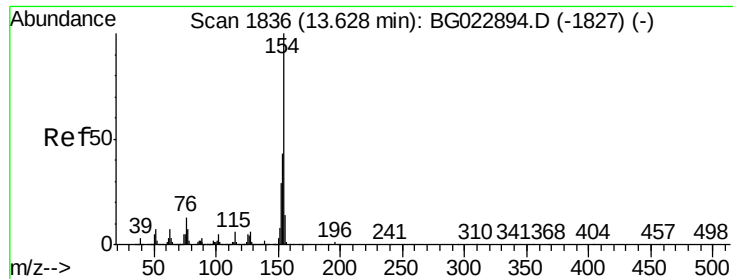
Tot Ion	Ratio	Lower	Upper
196	100		
198	159.2	85.7	128.5#
97	0.0	45.5	68.3#
132	87.5	18.9	28.3#



#44
 2-Fluorobiphenyl
 Concen: 322478.19 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	31.6	47.4
170	27.2	21.3	31.9





#45

1,1'-Biphenyl

Concen: 146.74 ng

RT: 13.64 min Scan# 1839

Delta R.T. 0.02 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

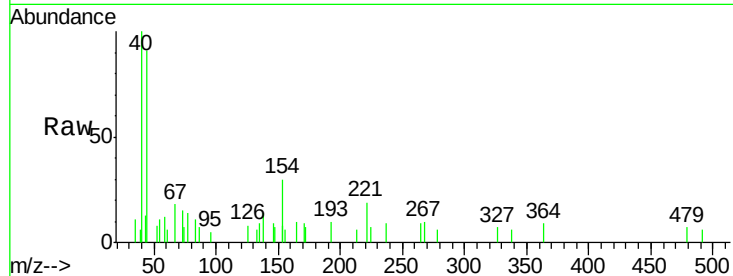
Tot Ion:154 Resp: 1068

Ion Ratio Lower Upper

154 100

153 25.6 20.2 60.2

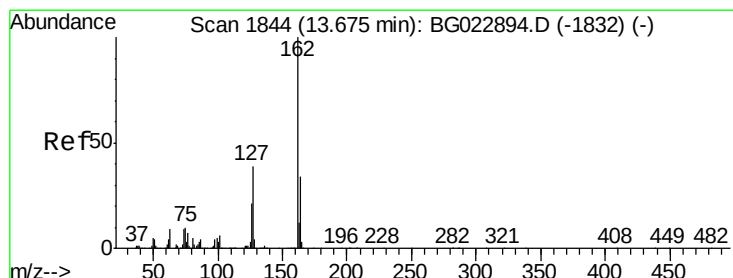
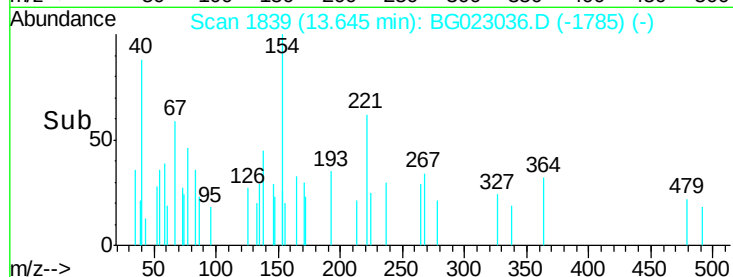
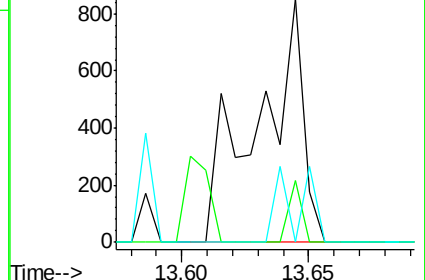
76 0.0 0.0 32.9



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): BGC



#46

2-Chloronaphthalene

Concen: 195.81 ng

RT: 13.69 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

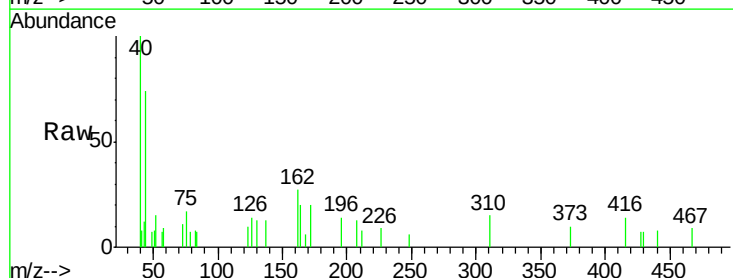
Tgt Ion:162 Resp: 1156

Ion Ratio Lower Upper

162 100

127 0.0 32.4 48.6#

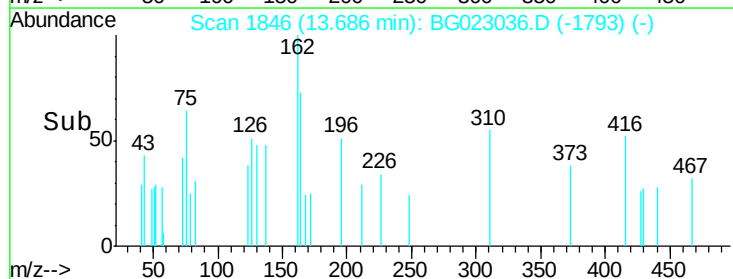
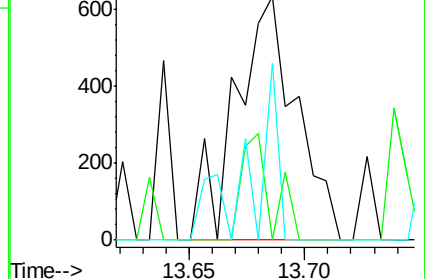
164 72.8 25.2 37.8#

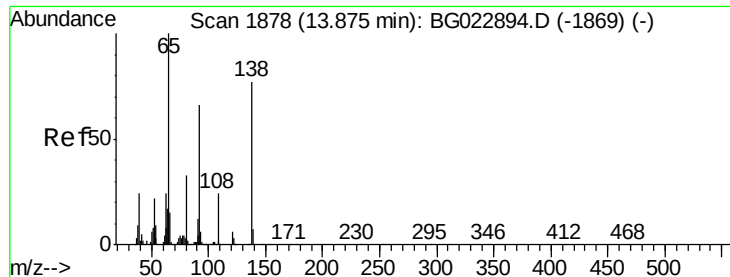


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.93 ng

RT: 13.87 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampled :

PB92009BL

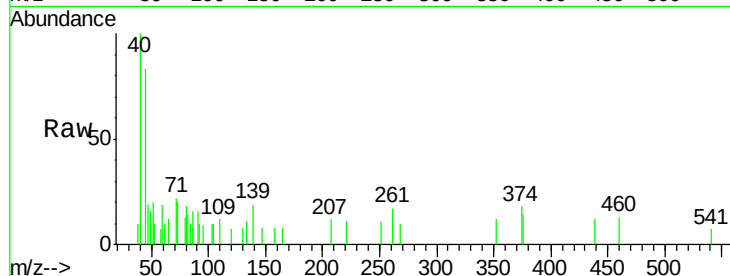
Tot Ion: 65 Resp: 88

Ion Ratio Lower Upper

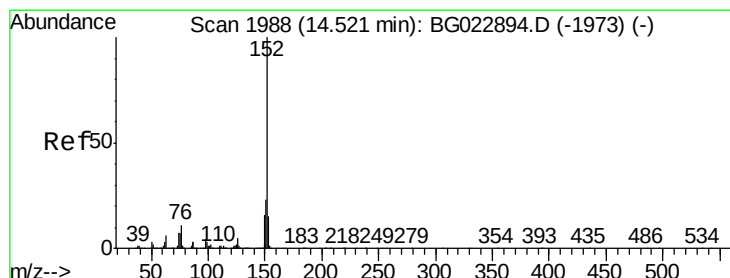
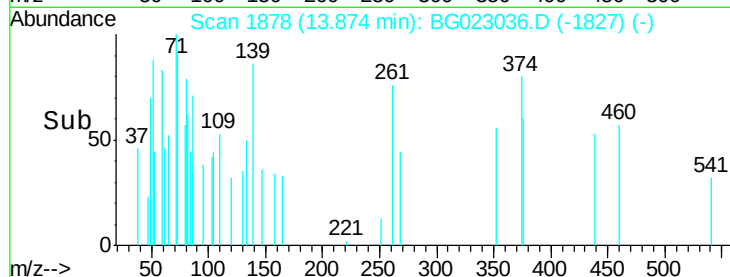
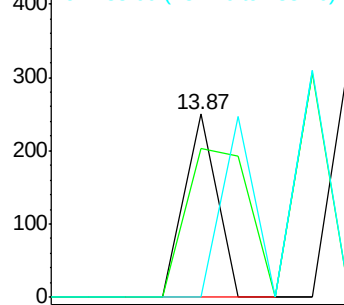
65 100

92 81.2 49.4 74.0#

138 0.0 58.0 87.0#



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



#48

Acenaphthylene

Concen: 113.48 ng

RT: 14.52 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

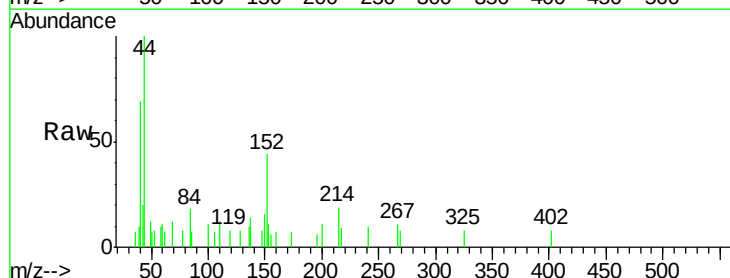
Tgt Ion: 152 Resp: 1005

Ion Ratio Lower Upper

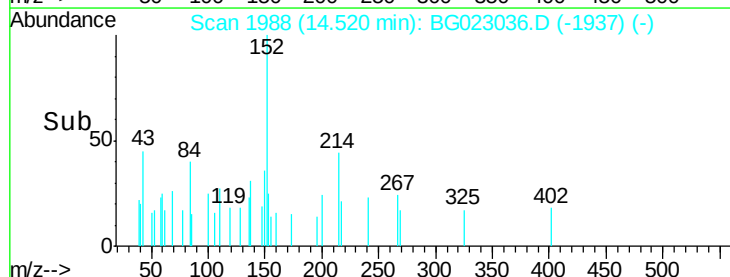
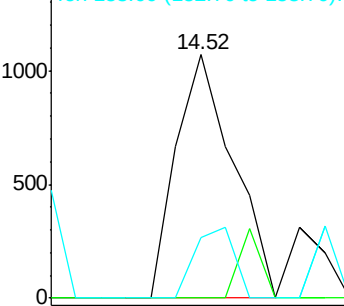
152 100

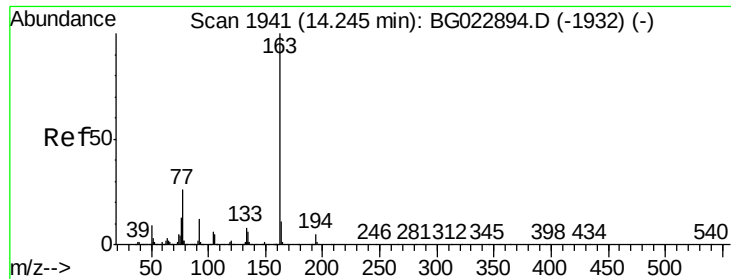
151 0.0 17.6 26.4#

153 24.6 11.4 17.2#



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





#49

Dimethylphthalate

Concen: 148.67 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampled :

PB92009BL

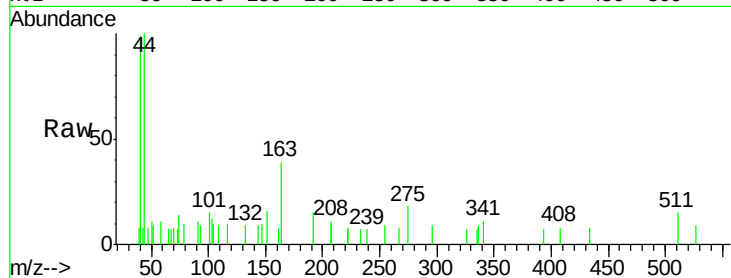
Tot Ion:163 Resp: 1178

Ion Ratio Lower Upper

163 100

194 0.0 3.6 5.4#

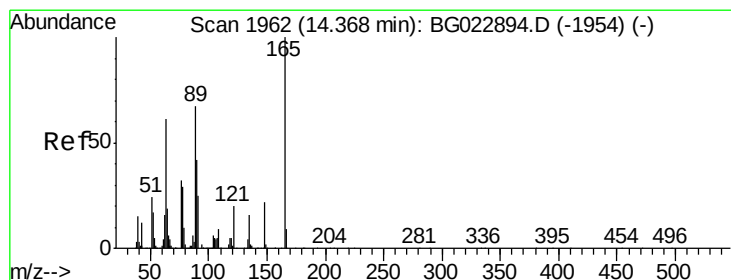
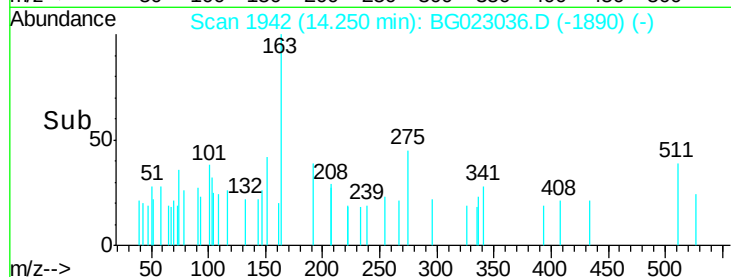
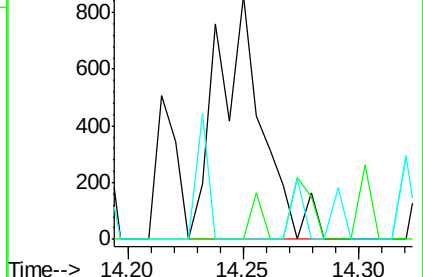
164 0.0 8.1 12.1#



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: 90.41 ng

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

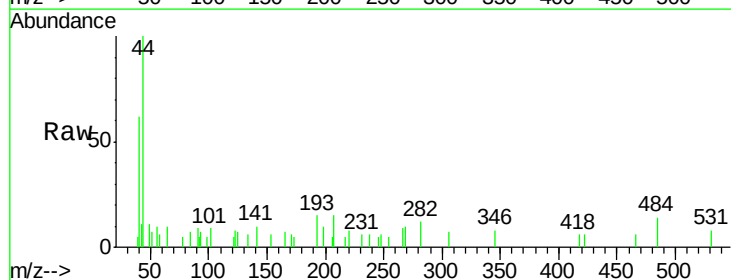
Tgt Ion:165 Resp: 161

Ion Ratio Lower Upper

165 100

63 0.0 64.3 96.5#

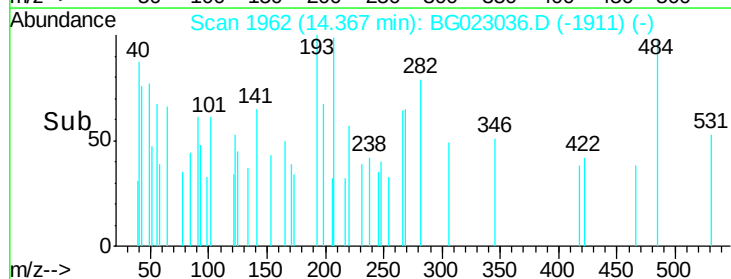
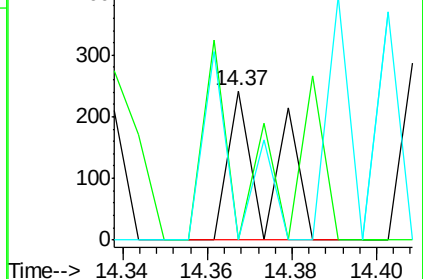
89 0.0 64.3 96.5#

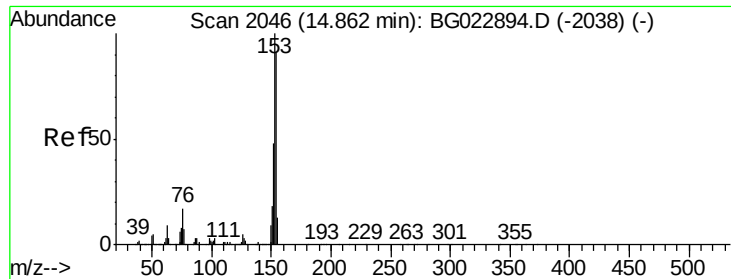


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 171.58 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

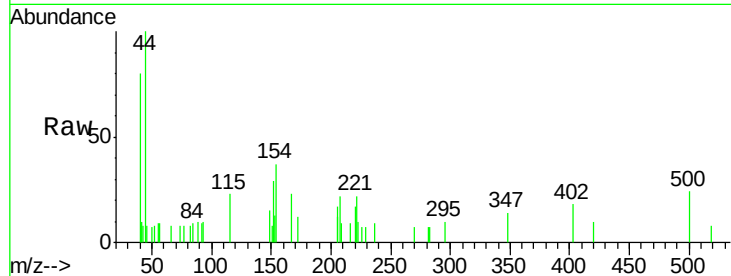
Tot Ion:154 Resp: 993

Ion Ratio Lower Upper

154 100

153 33.8 87.5 131.3#

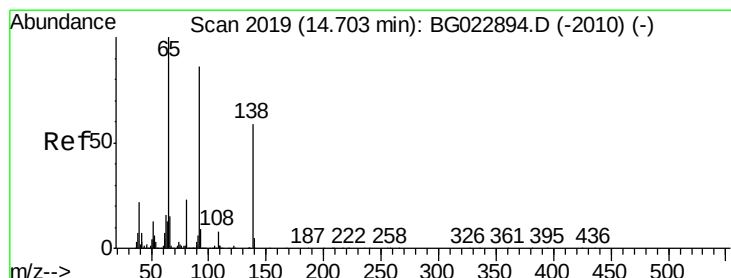
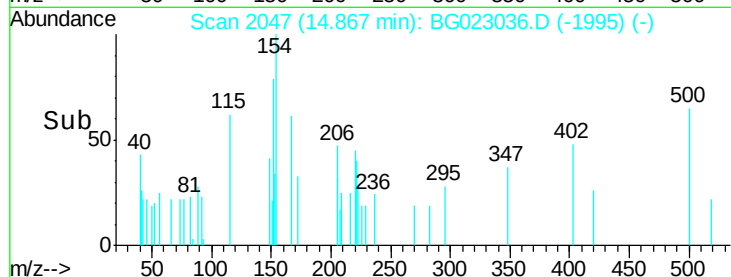
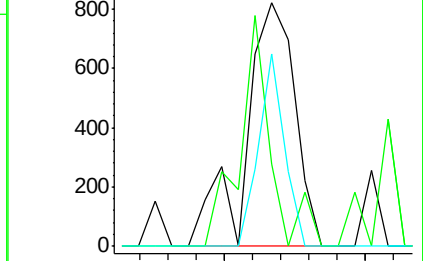
152 79.0 42.7 64.1#



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: 586.83 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

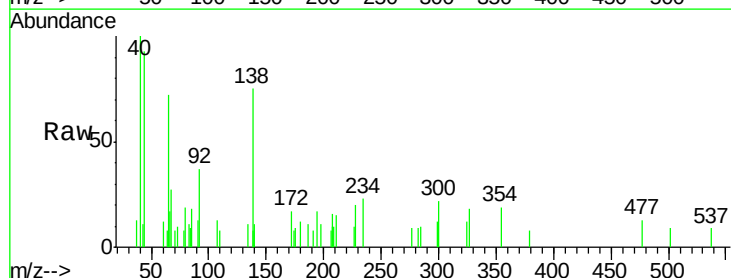
Tgt Ion:138 Resp: 1042

Ion Ratio Lower Upper

138 100

108 17.9 11.7 17.5#

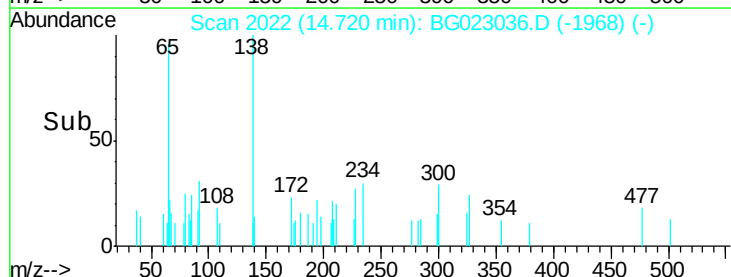
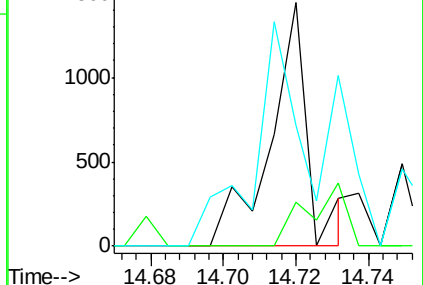
92 49.7 129.7 194.5#

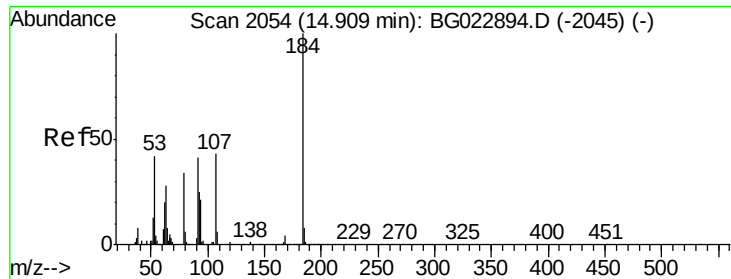


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 71.20 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleID :

PB92009BL

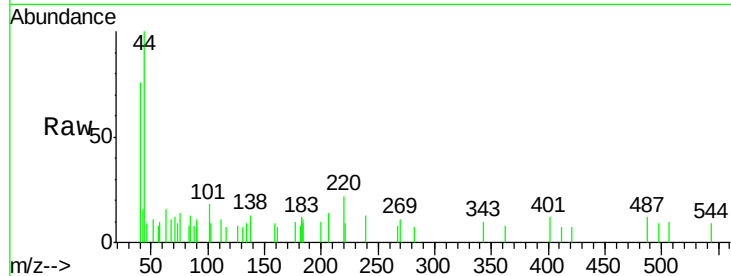
Tot Ion:184 Resp: 87

Ion Ratio Lower Upper

184 100

63 150.0 59.6 89.4#

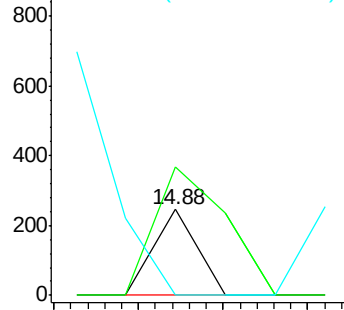
154 0.0 67.4 101.0#



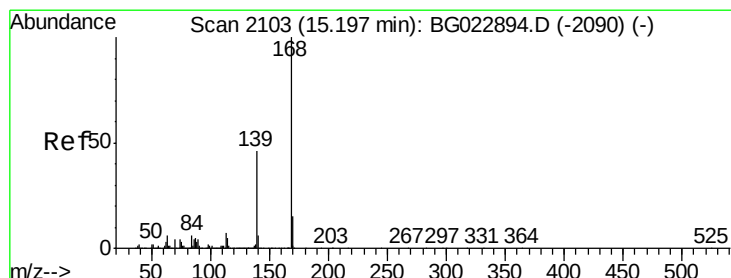
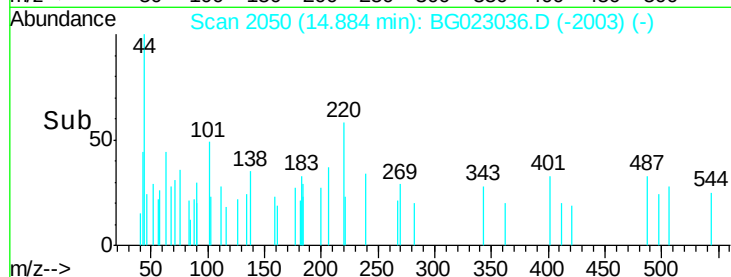
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E



Time--> 14.87 14.88 14.89 14.90



#54

Dibenzofuran

Concen: 163.23 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

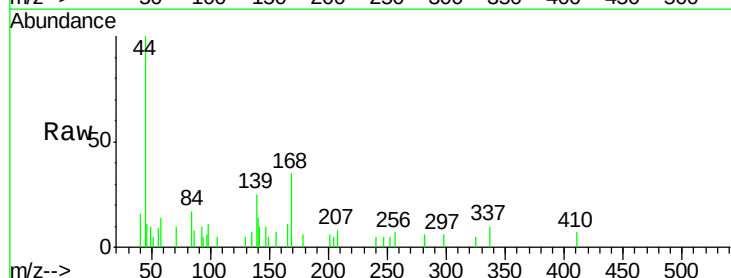
Tgt Ion:168 Resp: 1414

Ion Ratio Lower Upper

168 100

139 70.4 36.4 54.6#

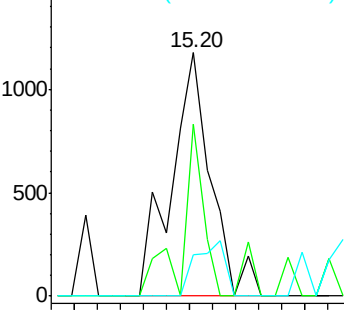
169 17.2 11.9 17.9



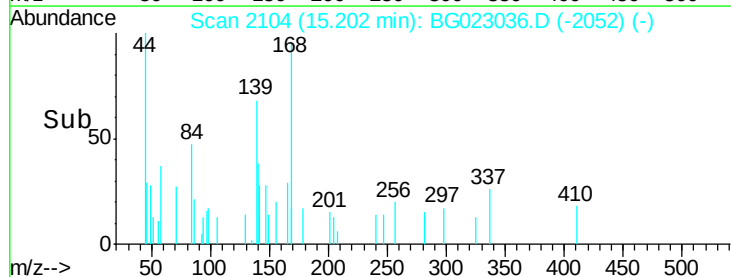
Abundance Ion 168.00 (167.70 to 168.70): E

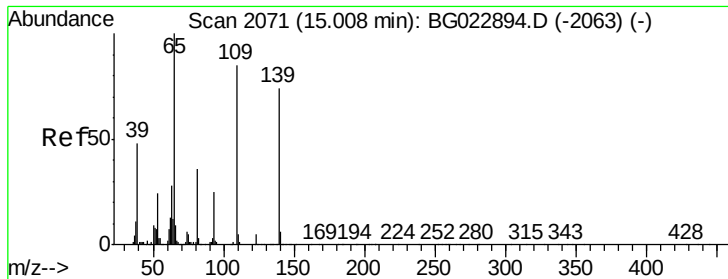
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time--> 15.15 15.20 15.25





#55

4-Nitrophenol

Concen: 176.70 ng

RT: 15.07 min Scan# 2082

Delta R.T. 0.06 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampled :

PB92009BL

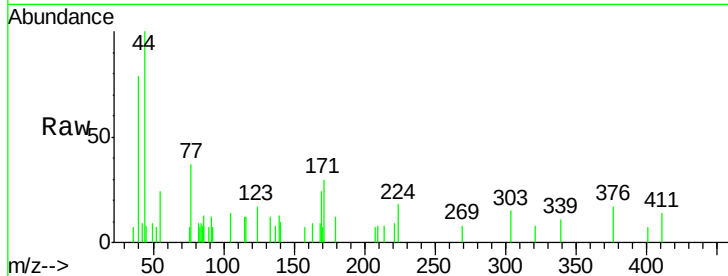
Tot Ion:139 Resp: 263

Ion Ratio Lower Upper

139 100

109 0.0 103.0 143.0#

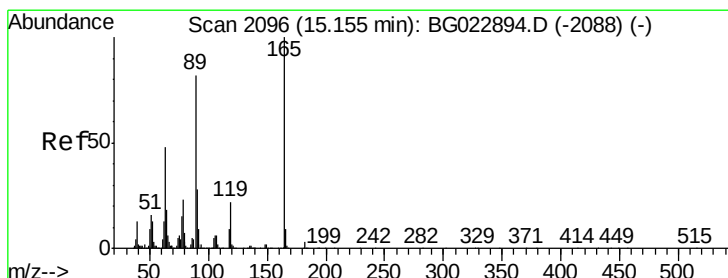
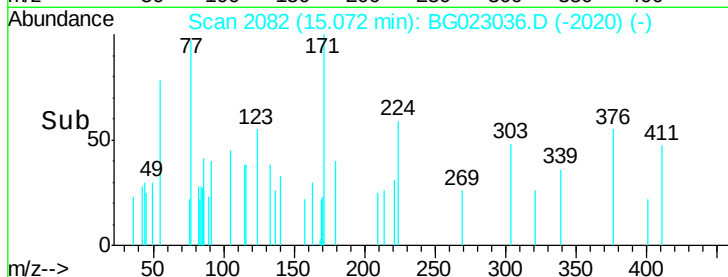
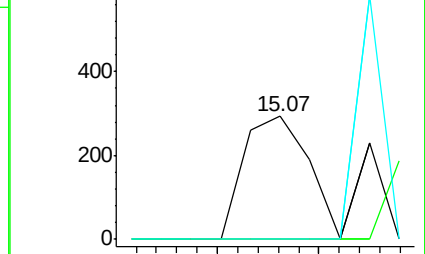
65 0.0 112.7 152.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 30.43 ng

RT: 15.14 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Tgt Ion:165 Resp: 79

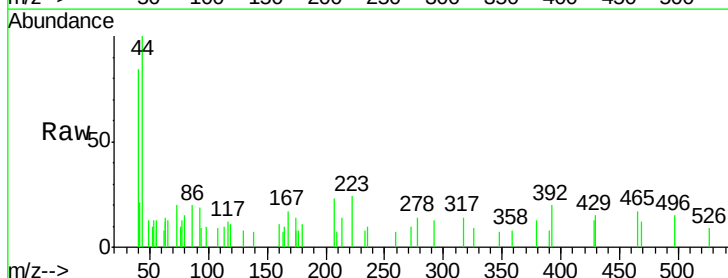
Ion Ratio Lower Upper

165 100

63 271.1 45.8 68.6#

89 0.0 68.6 102.8#

182 0.0 2.0 3.0#

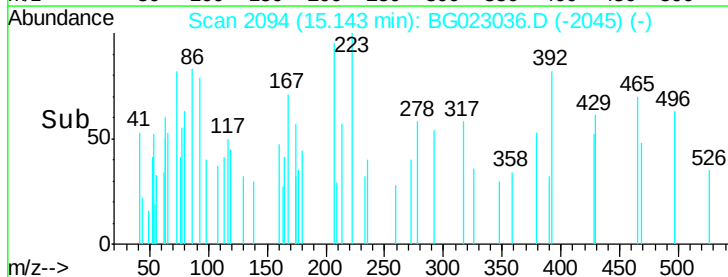
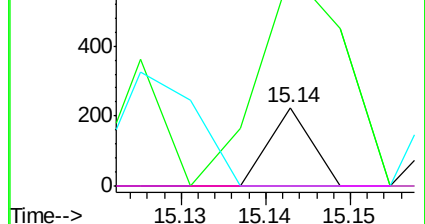


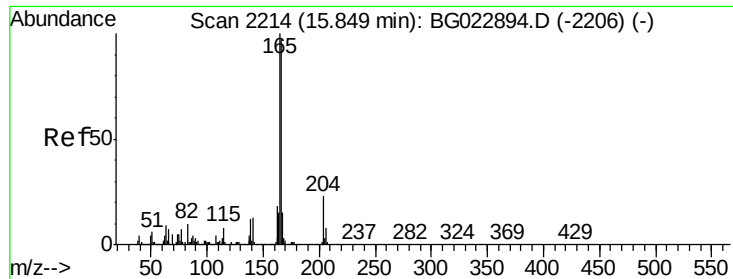
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

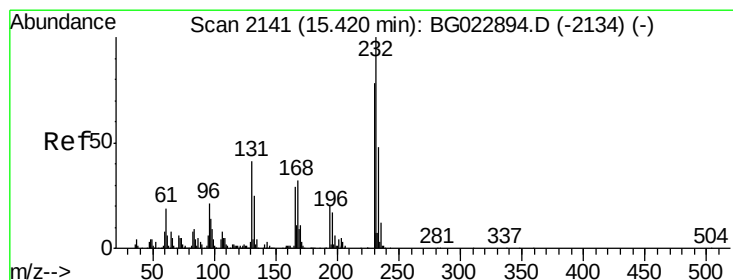
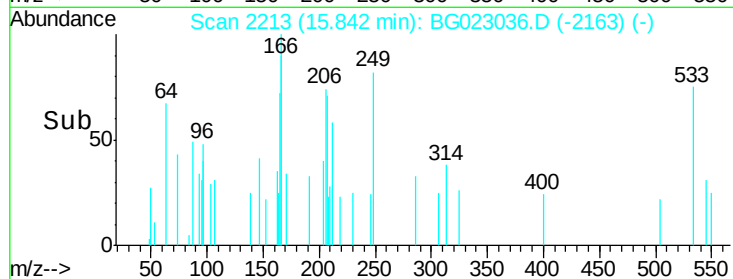
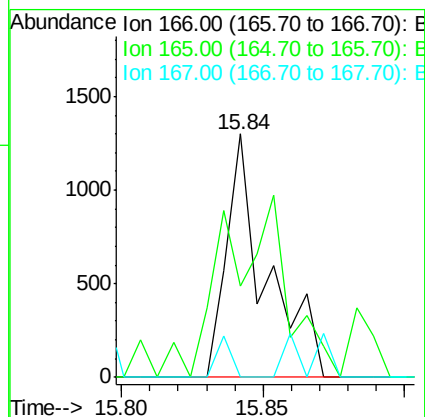
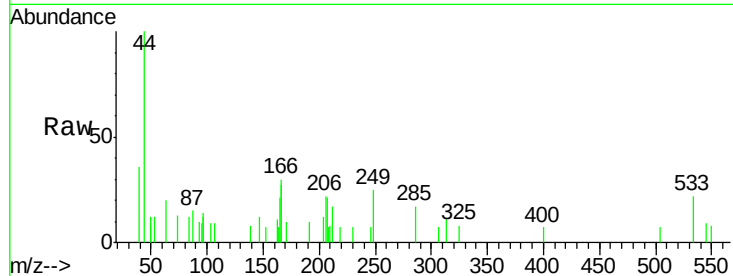




#57
 Fluorene
 Concen: 168.73 ng
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

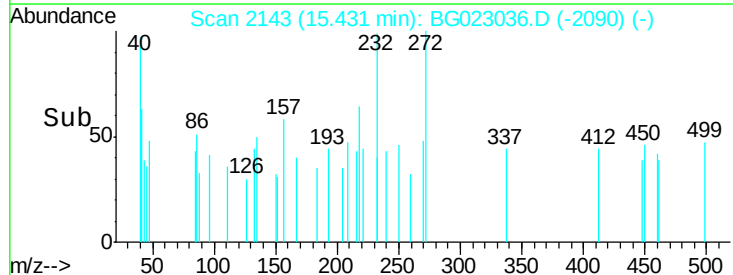
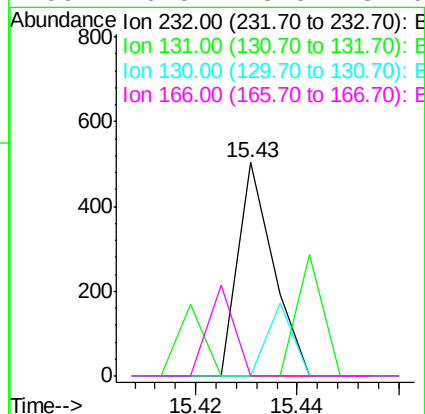
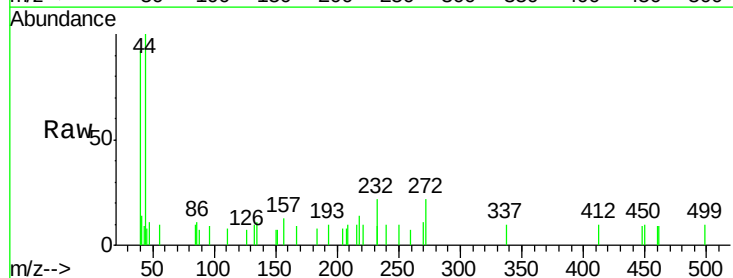
Instrument :
 BNA_G
 ClientSampleID :
 PB92009BL

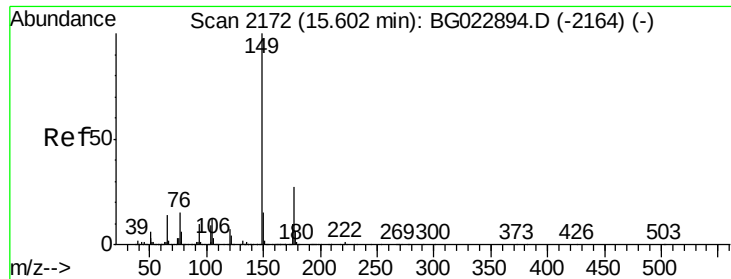
Tot Ion	Ratio	Lower	Upper
166	100		
165	37.7	81.0	121.6#
167	0.0	12.0	18.0#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 99.25 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	32.7	49.1
130	24.9	2.6	3.8#
166	0.0	23.0	34.6#





#59

Diethylphthalate

Concen: 157.40 ng

RT: 15.60 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleID :

PB92009BL

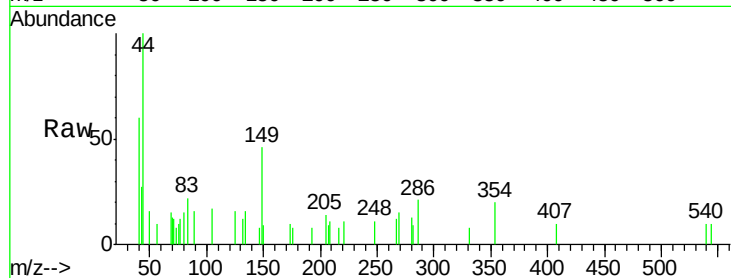
Tot Ion:149 Resp: 1269

Ion Ratio Lower Upper

149 100

177 0.0 19.2 28.8#

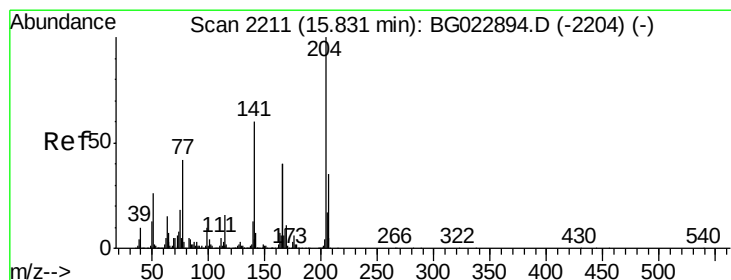
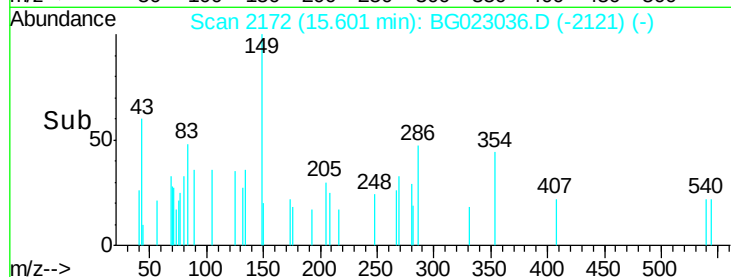
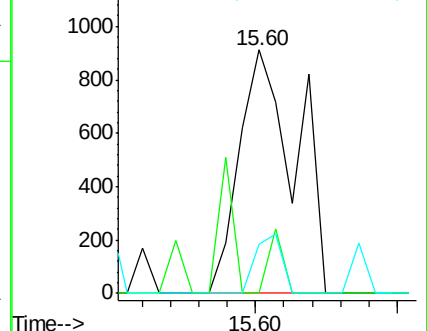
150 20.3 10.6 16.0#



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: 131.03 ng

RT: 15.83 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

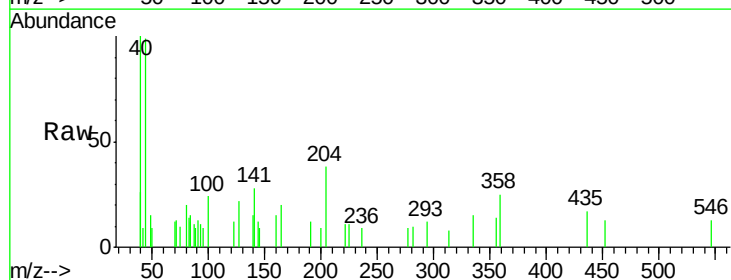
Tgt Ion:204 Resp: 595

Ion Ratio Lower Upper

204 100

206 0.0 28.5 42.7#

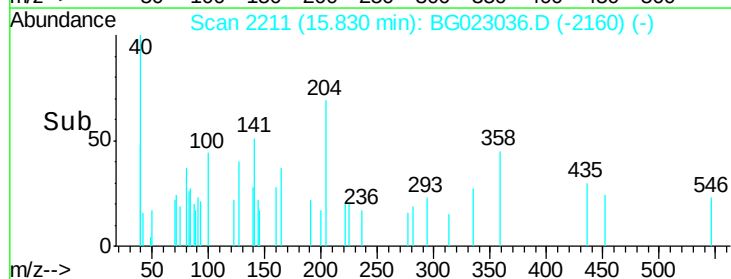
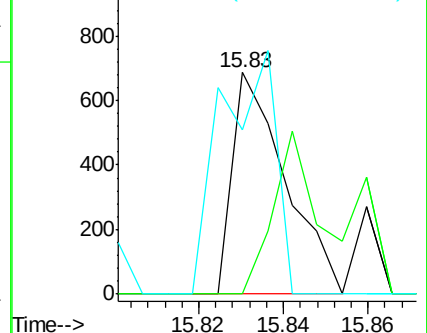
141 74.4 51.4 77.0

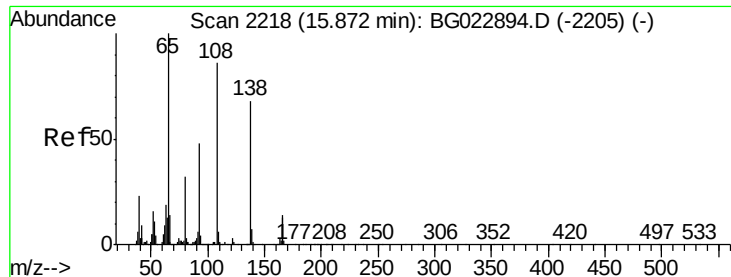


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

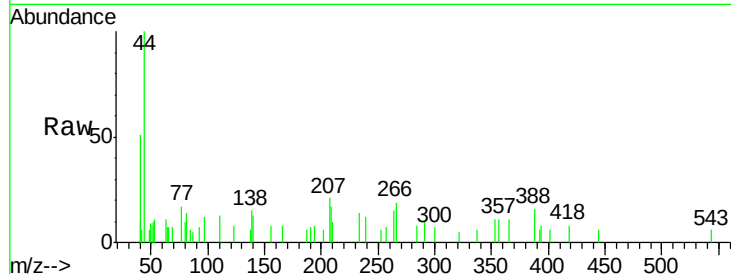




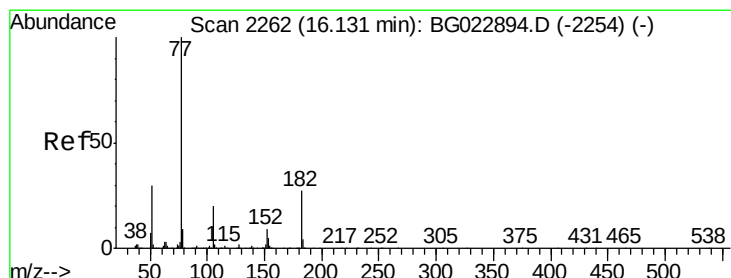
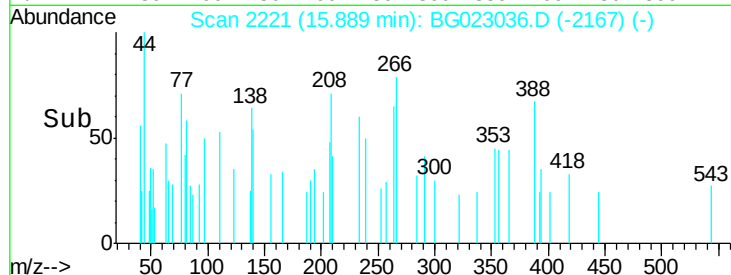
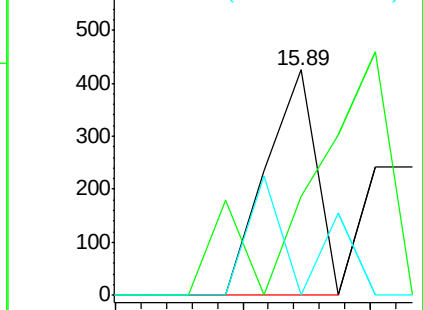
#61
4-Nitroaniline
Concen: 120.75 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.02 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Instrument :
BNA_G
ClientSampleId :
PB92009BL

Tot Ion:138 Resp: 232
Ion Ratio Lower Upper
138 100
92 43.8 54.1 94.1#
108 0.0 133.9 173.9#

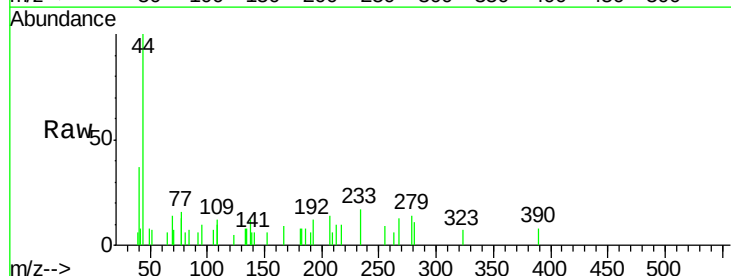


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

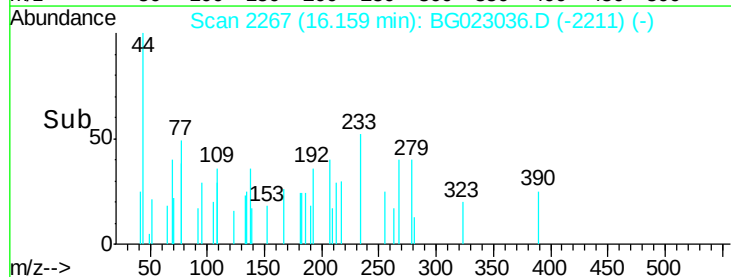
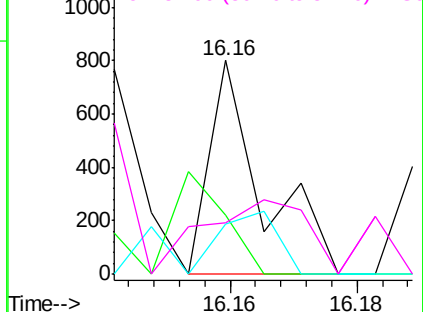


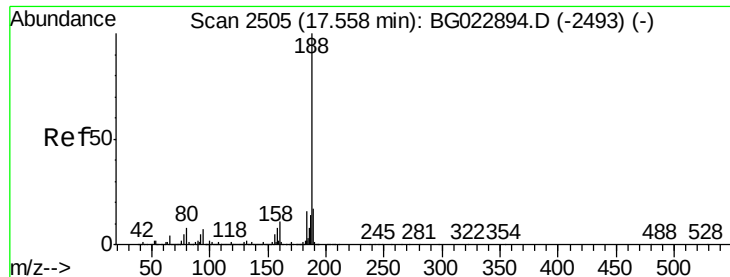
#62
Azobenzene
Concen: 59.39 ng
RT: 16.16 min Scan# 2267
Delta R.T. 0.03 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion: 77 Resp: 458
Ion Ratio Lower Upper
77 100
182 27.3 3.5 43.5
105 23.2 0.0 38.5
51 23.8 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

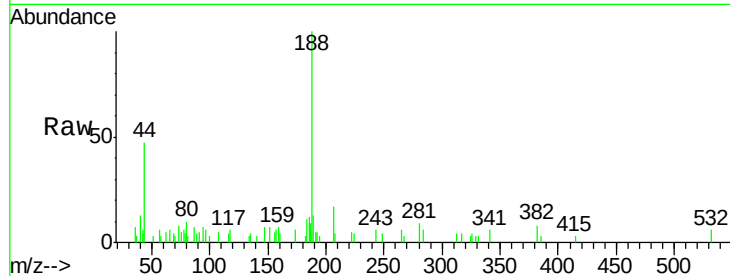




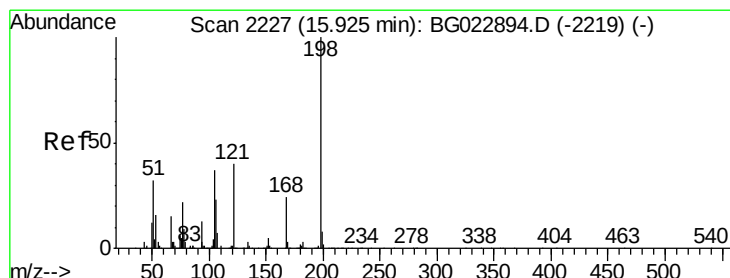
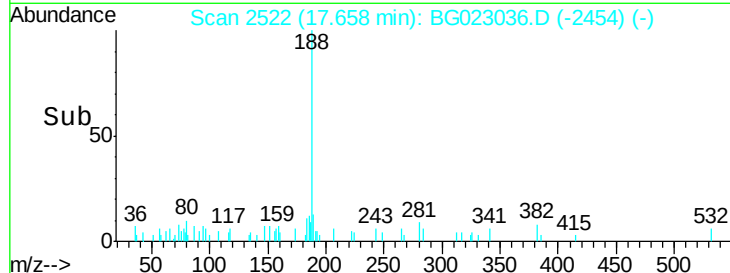
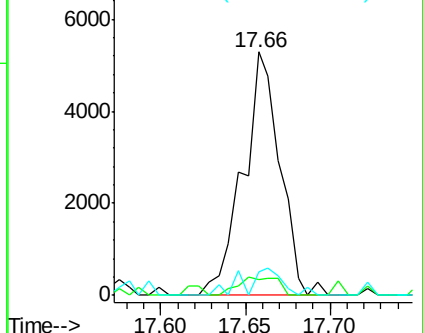
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2522
Delta R.T. 0.10 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Instrument :
BNA_G
ClientSampled :
PB92009BL

Tot Ion:188 Resp: 8058
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 9.5 7.2 10.8

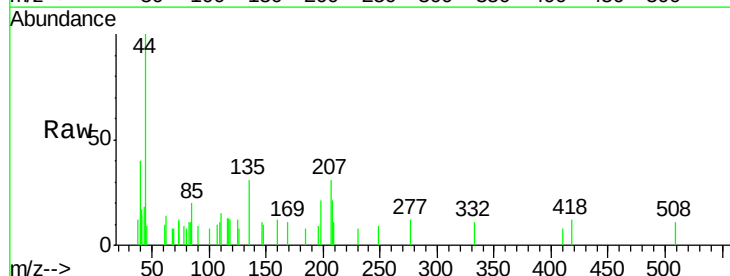


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

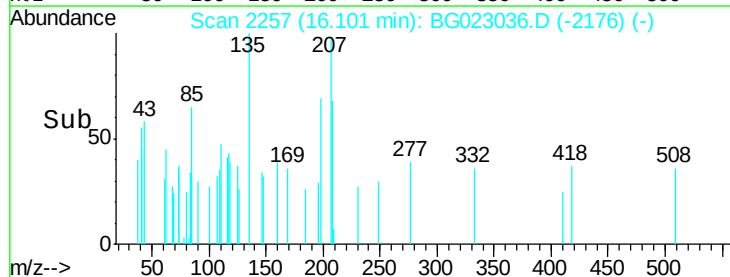
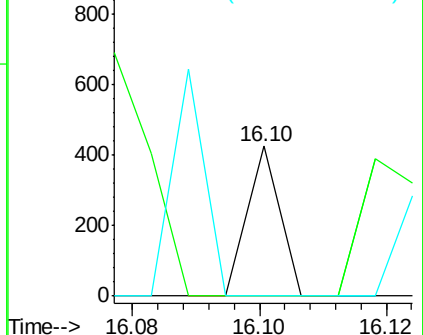


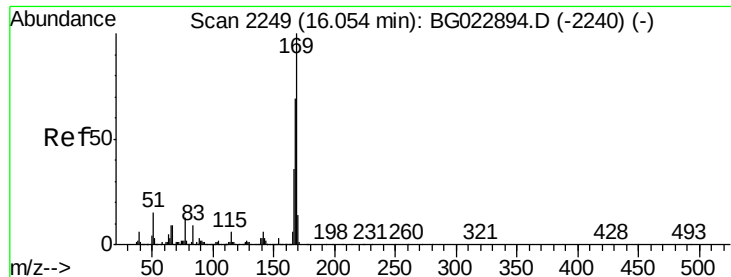
#64
4,6-Dinitro-2-methylphenol
Concen: 2.50 ng
RT: 16.10 min Scan# 2257
Delta R.T. 0.18 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion:198 Resp: 150
Ion Ratio Lower Upper
198 100
51 0.0 26.0 66.0#
105 0.0 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: 120.81 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.24 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

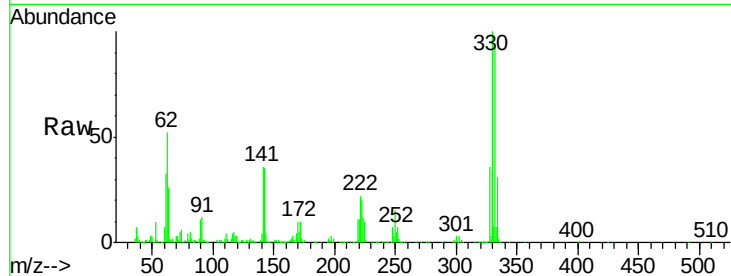
Tot Ion:169 Resp: 28046

Ion Ratio Lower Upper

169 100

168 3.5 55.0 82.4#

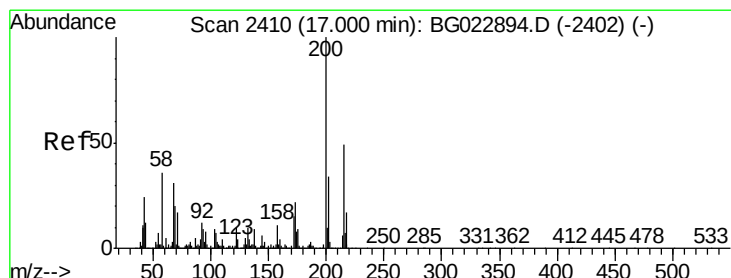
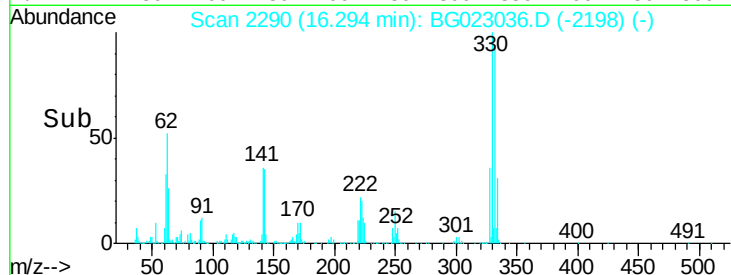
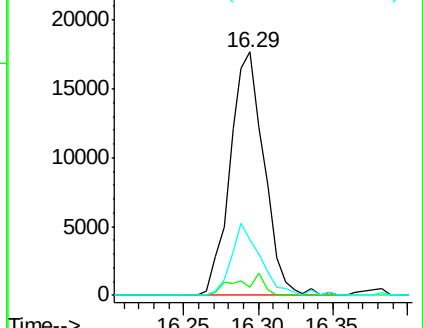
167 22.7 27.4 41.0#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 14.50 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

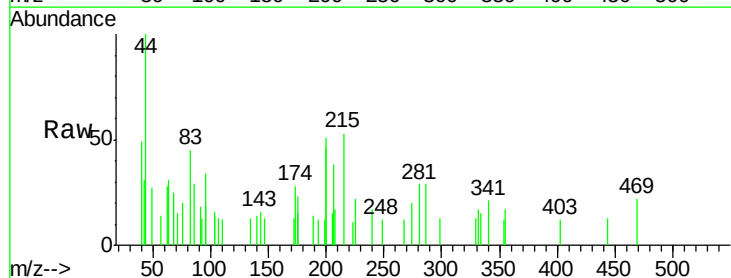
Tgt Ion:200 Resp: 1493

Ion Ratio Lower Upper

200 100

173 28.6 1.6 41.6

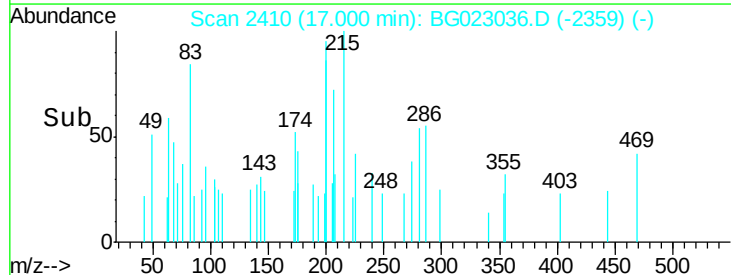
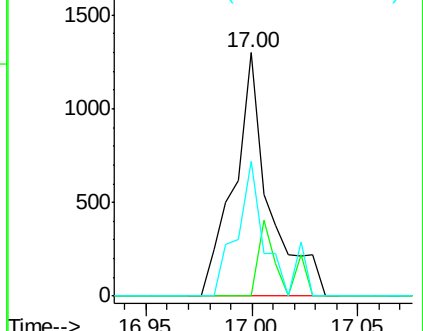
215 55.3 28.7 68.7

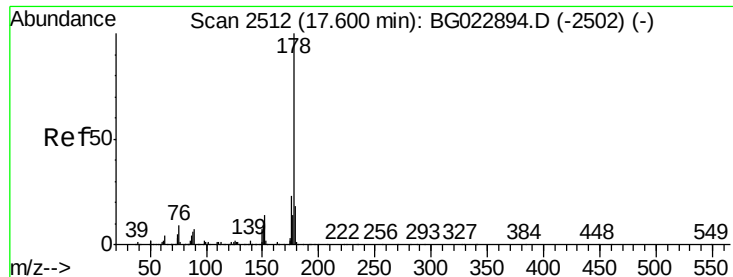


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 4.16 ng

RT: 17.68 min Scan# 2526

Delta R.T. 0.08 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

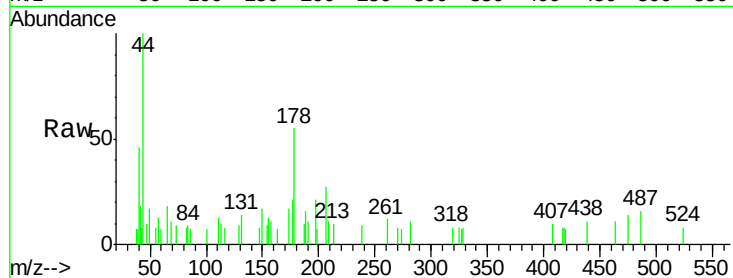
Tot Ion:178 Resp: 1643

Ion Ratio Lower Upper

178 100

176 0.0 16.8 25.2#

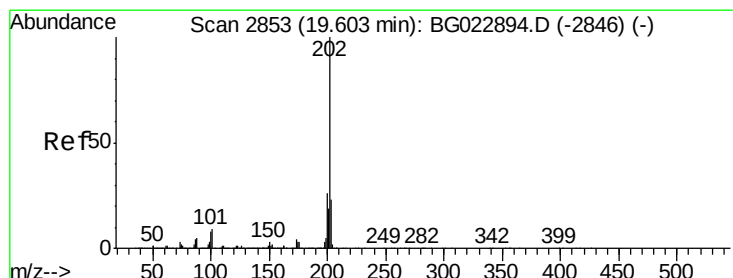
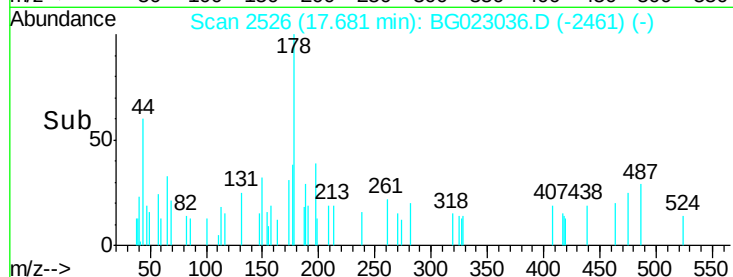
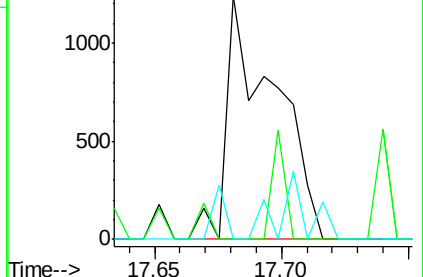
179 0.0 14.3 21.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.10 ng

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

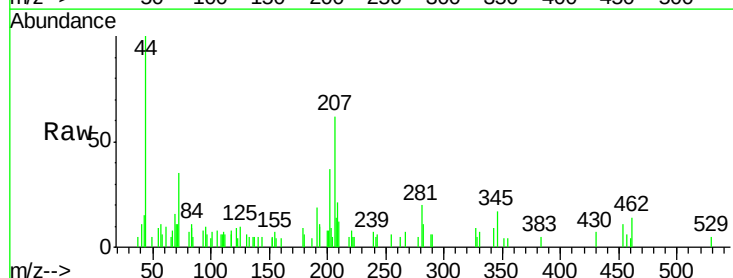
Tgt Ion:202 Resp: 1502

Ion Ratio Lower Upper

202 100

101 19.5 0.0 27.4

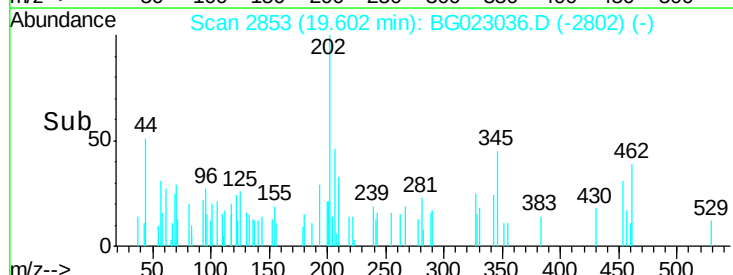
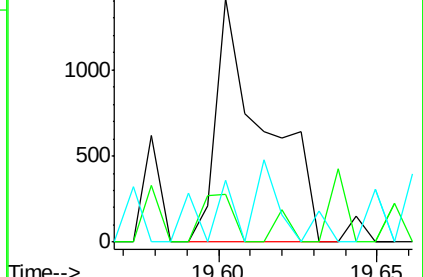
203 25.5 1.7 41.7

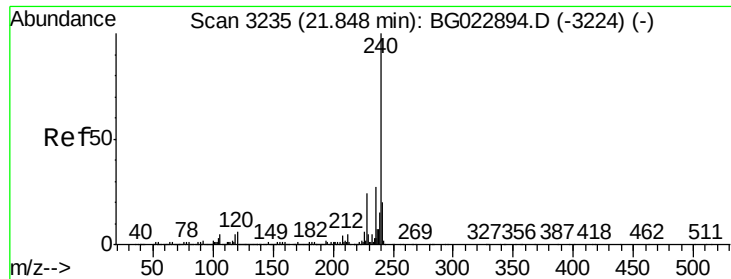


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.00 min Scan# 3261

Delta R.T. 0.15 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

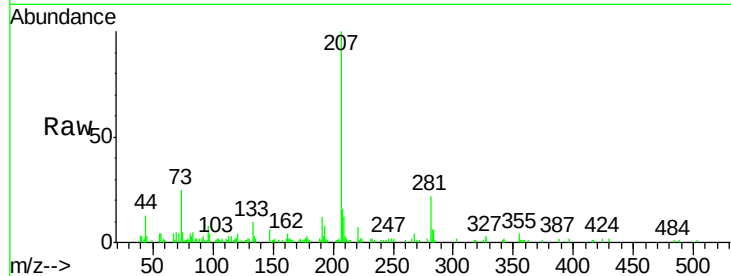
Tot Ion:240 Resp: 55

Ion Ratio Lower Upper

240 100

120 203.8 4.1 6.1#

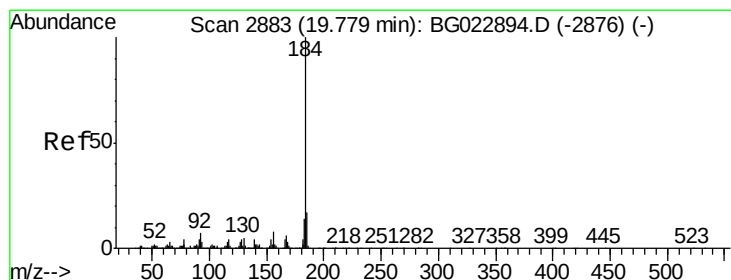
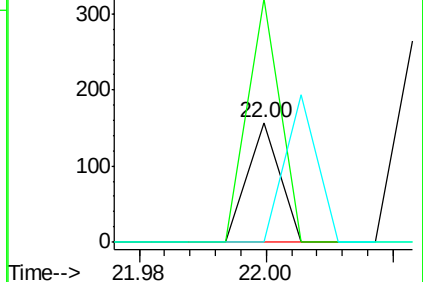
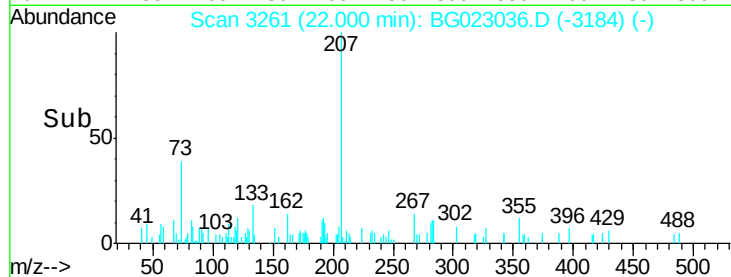
236 0.0 21.1 31.7#



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: 47114.57 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.38 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

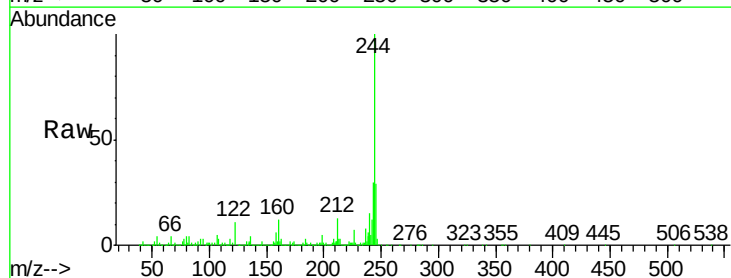
Tgt Ion:184 Resp: 74289

Ion Ratio Lower Upper

184 100

185 18.0 12.6 19.0

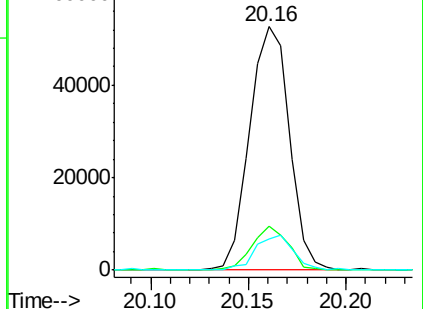
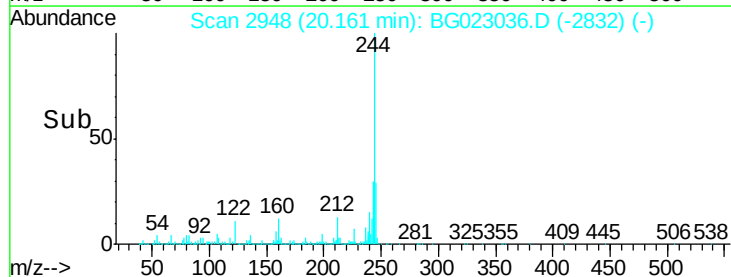
183 12.9 10.7 16.1

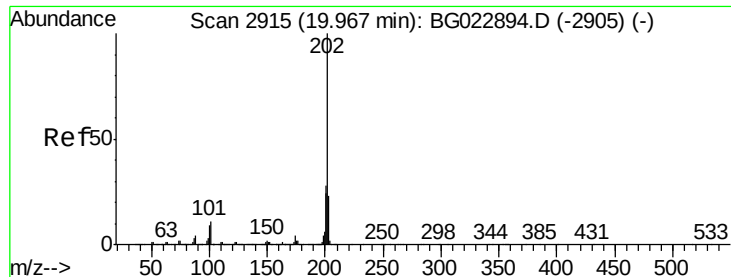


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

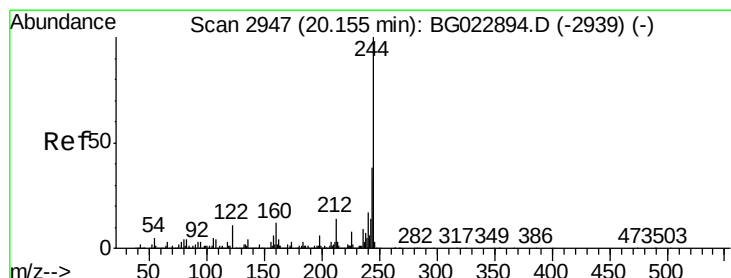
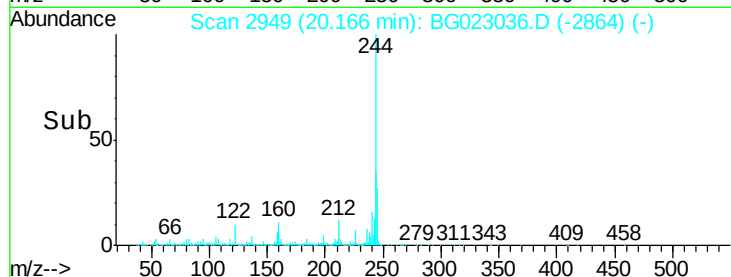
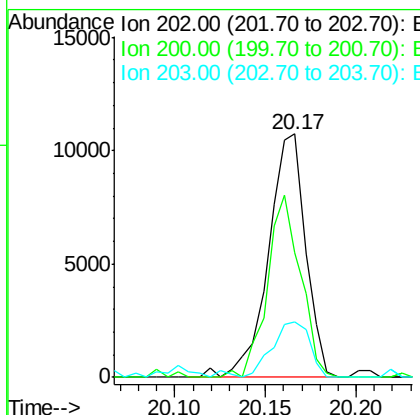
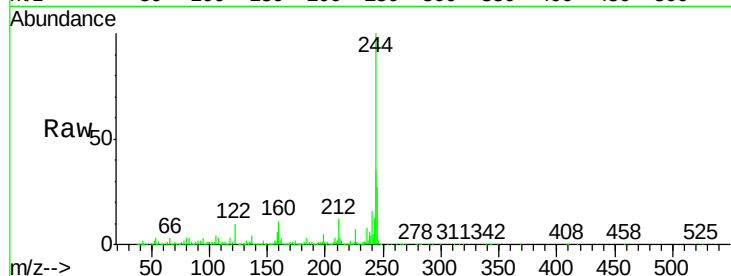




#77
Pvrene
Concen: 5007.89 ng
RT: 20.17 min Scan# 2949
Delta R.T. 0.20 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

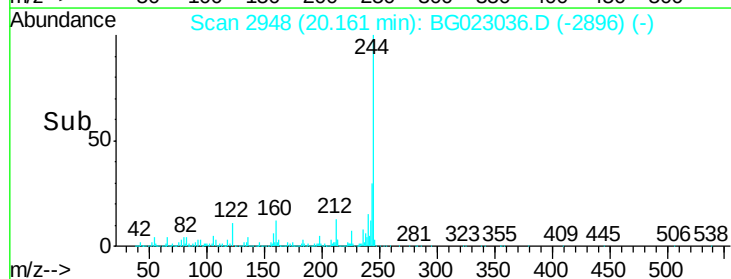
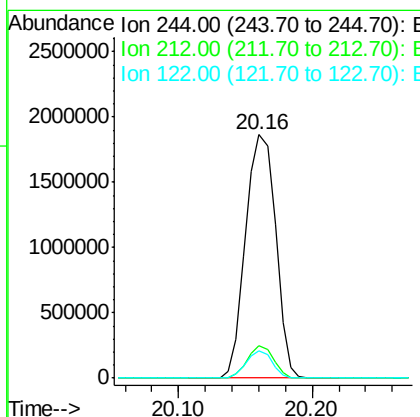
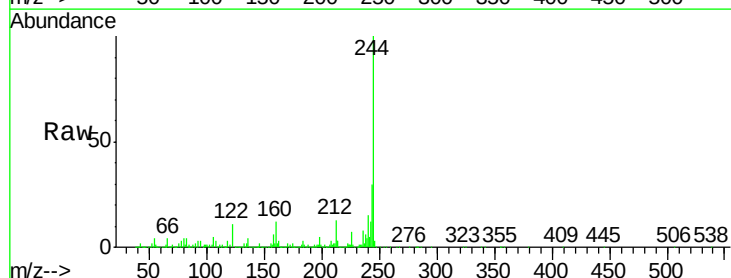
Instrument :
BNA_G
ClientSampleId :
PB92009BL

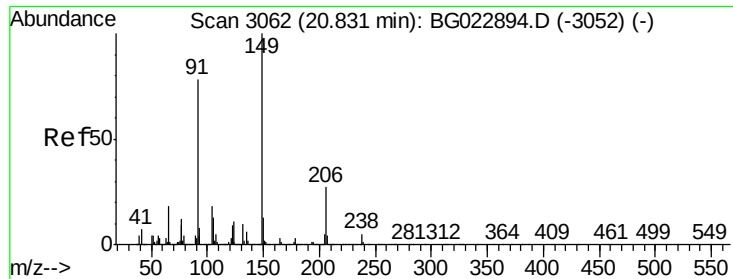
Tot Ion:202 Resp: 15478
Ion Ratio Lower Upper
202 100
200 51.2 21.2 31.8#
203 22.9 16.8 25.2



#78
Terphenyl-d14
Concen: -20.00 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023036.D
Acq: 12 Jul 2016 14:44

Tgt Ion:244 Resp: 2907731
Ion Ratio Lower Upper
244 100
212 13.2 10.8 16.2
122 11.2 8.0 12.0





#79

Butylbenzylphthalate

Concen: 415.78 ng

RT: 20.96 min Scan# 3084

Delta R.T. 0.13 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

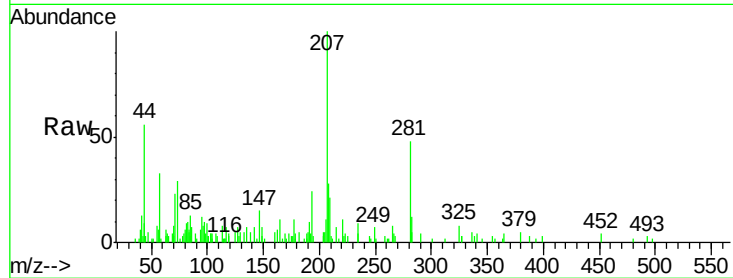
Tot Ion:149 Resp: 509

Ion Ratio Lower Upper

149 100

91 0.0 68.1 102.1#

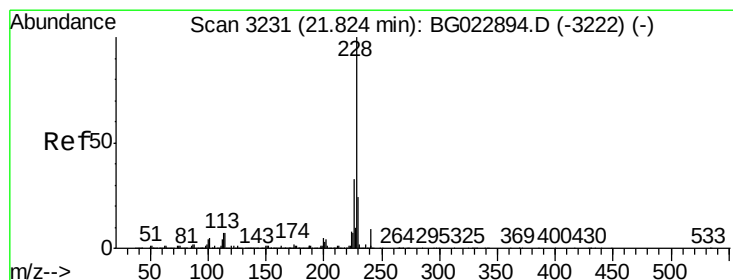
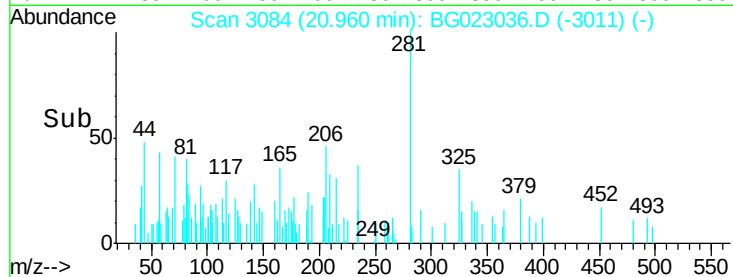
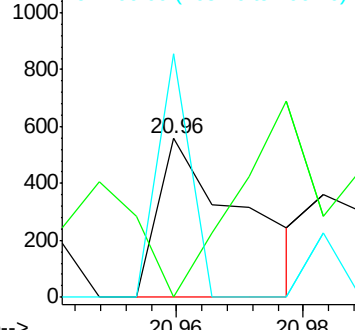
206 153.1 19.8 29.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 694.15 ng

RT: 21.92 min Scan# 3247

Delta R.T. 0.09 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

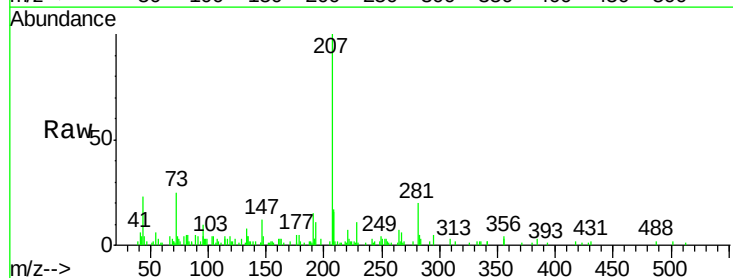
Tgt Ion:228 Resp: 2136

Ion Ratio Lower Upper

228 100

226 18.6 25.3 37.9#

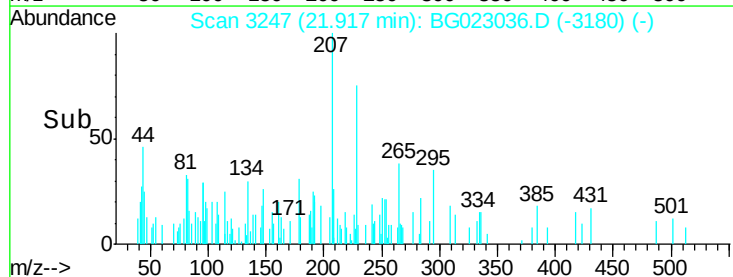
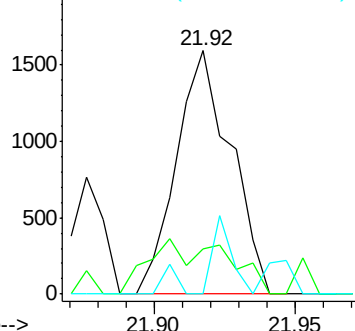
229 0.0 19.9 29.9#

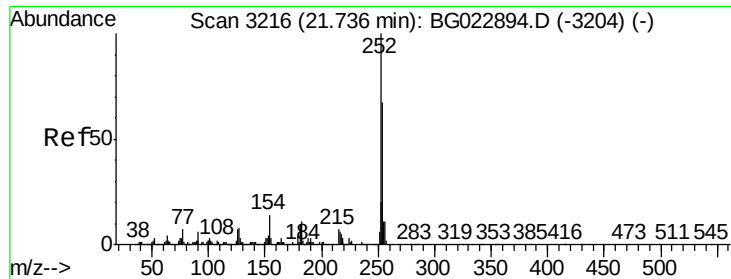


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

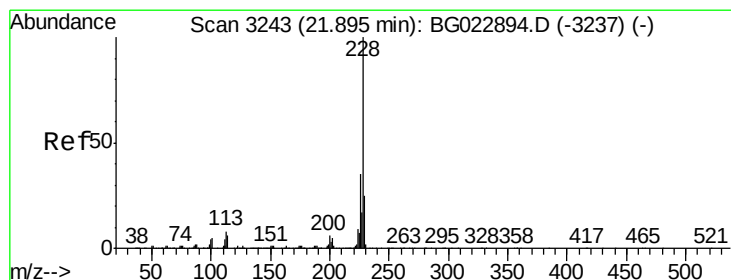
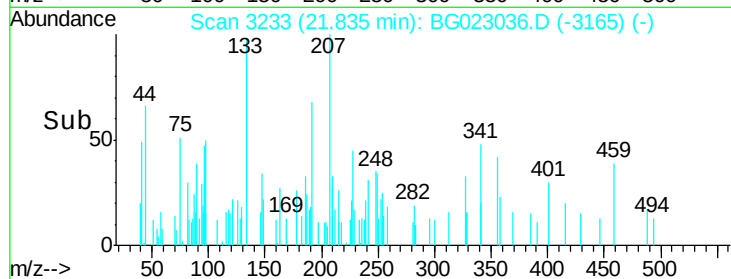
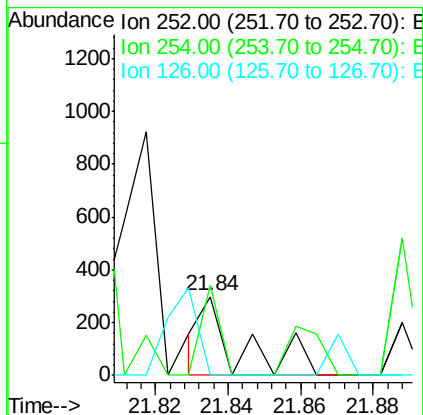
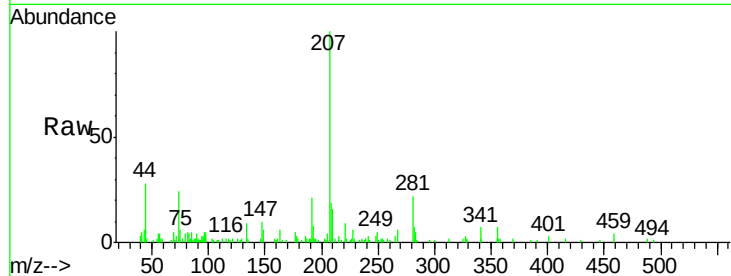




#81
 3,3'-Dichlorobenzidine
 Concen: 160.66 ng
 RT: 21.84 min Scan# 3233
 Delta R.T. 0.10 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

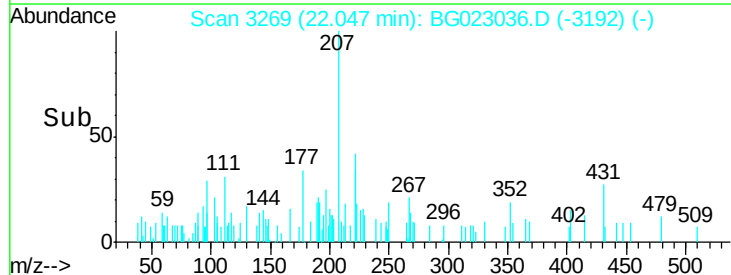
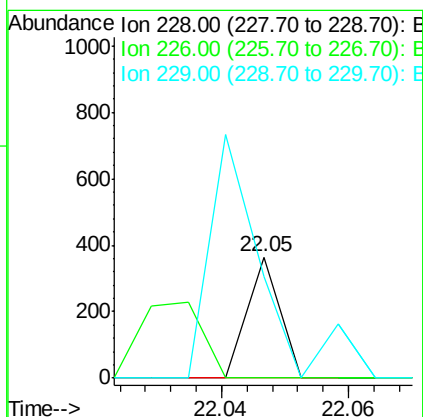
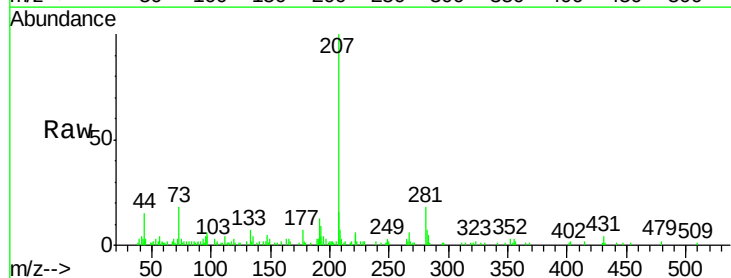
Instrument :
 BNA_G
 ClientSampleId :
 PB92009BL

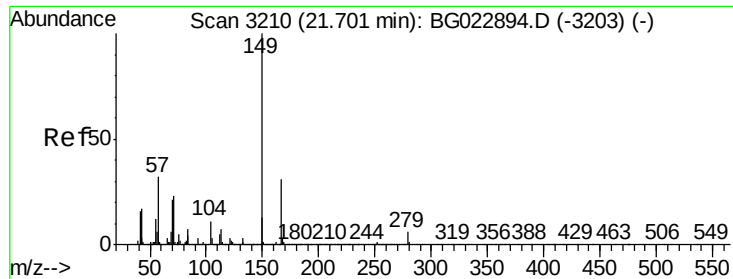
Tot Ion:252 Resp: 217
 Ion Ratio Lower Upper
 252 100
 254 114.1 51.2 76.8#
 126 0.0 5.3 7.9#



#82
 Chrysene
 Concen: 44.69 ng
 RT: 22.05 min Scan# 3269
 Delta R.T. 0.15 min
 Lab File: BG023036.D
 Acq: 12 Jul 2016 14:44

Tgt Ion:228 Resp: 129
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.7 40.1#
 229 83.3 17.4 26.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 484.73 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.15 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampled :

PB92009BL

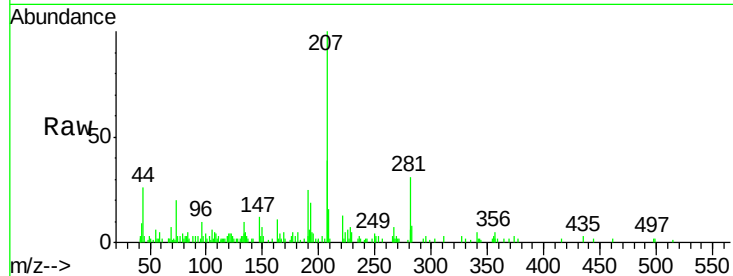
Tot Ion:149 Resp: 824

Ion Ratio Lower Upper

149 100

167 0.0 24.0 36.0#

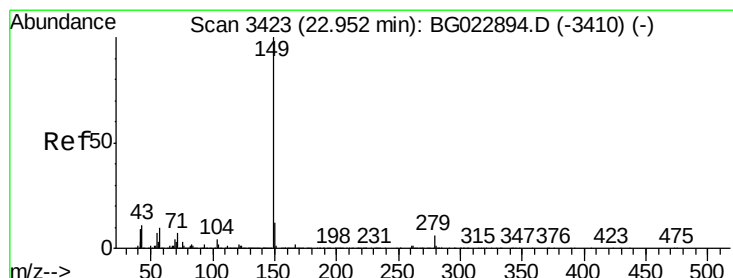
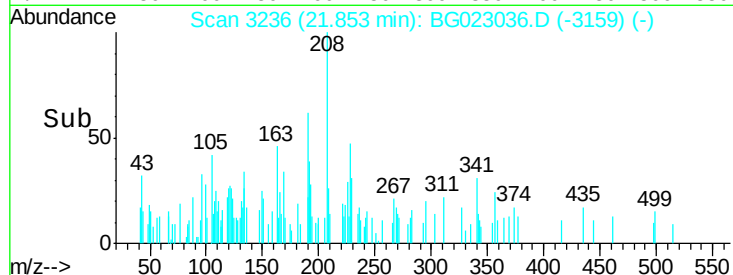
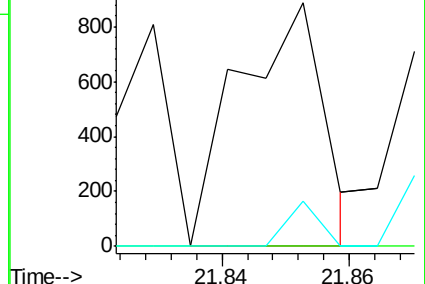
279 18.5 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 383.43 ng

RT: 23.12 min Scan# 3451

Delta R.T. 0.16 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

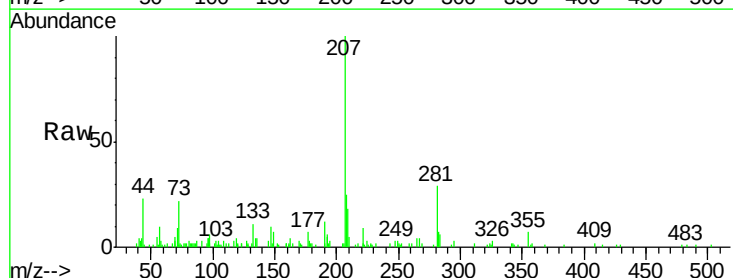
Tgt Ion:149 Resp: 1087

Ion Ratio Lower Upper

149 100

167 5.2 1.5 2.3#

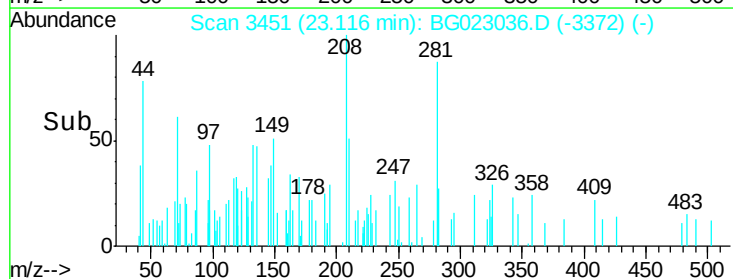
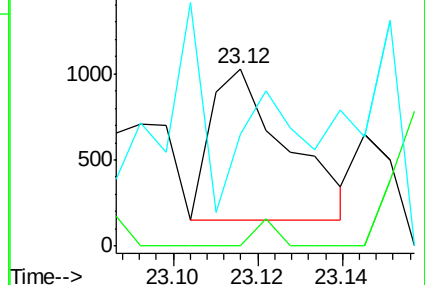
43 15.1 8.8 13.2#

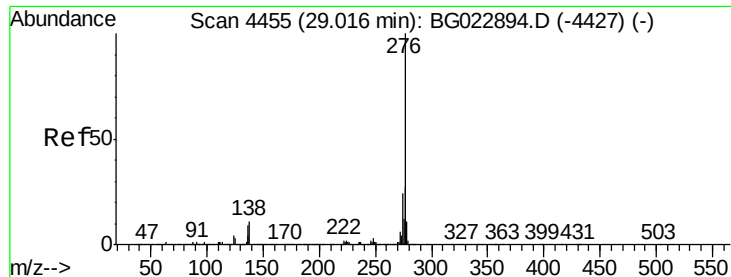


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.32 ng

RT: 29.22 min Scan# 4490

Delta R.T. 0.20 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

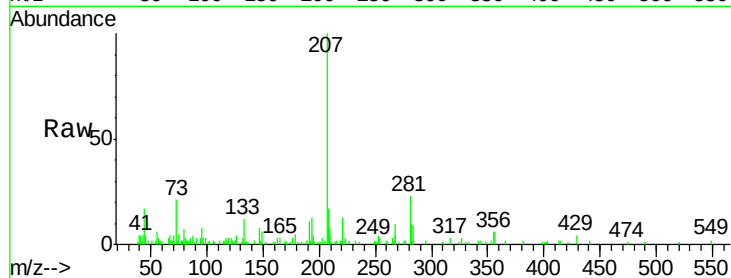
Tot Ion:276 Resp: 222

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

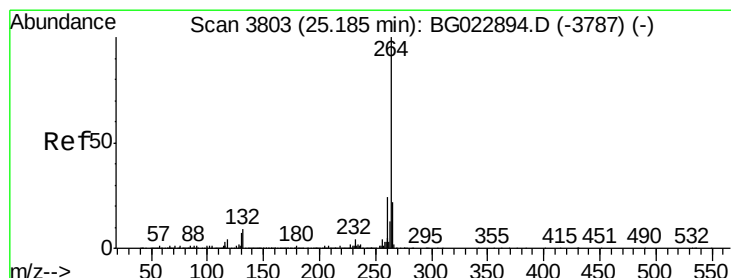
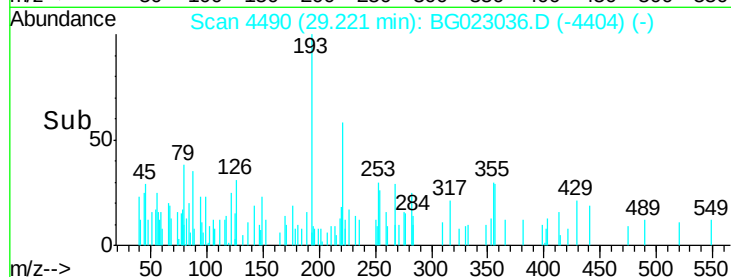
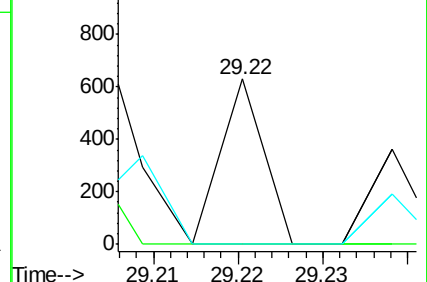
277 0.0 0.0 0.0



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: 25.38 min Scan# 3837

Delta R.T. 0.20 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

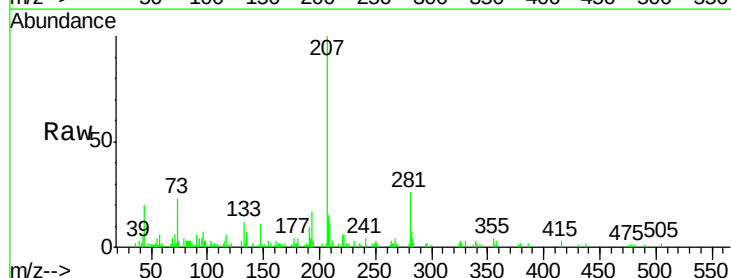
Tgt Ion:264 Resp: 358

Ion Ratio Lower Upper

264 100

260 0.0 18.4 27.6#

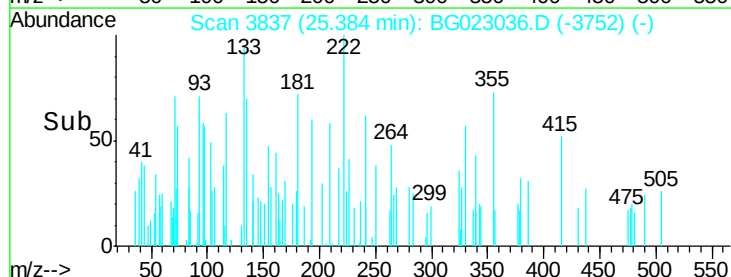
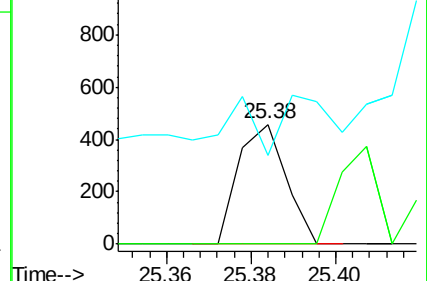
265 124.1 18.9 28.3#

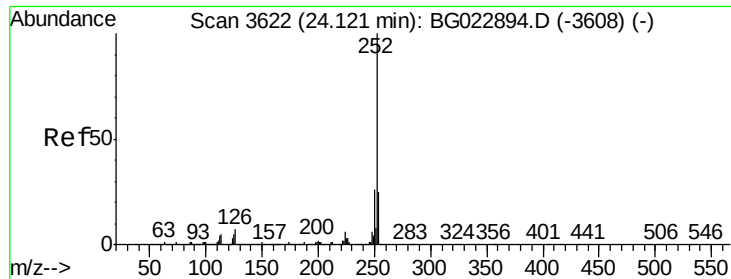


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 8.18 ng

RT: 24.30 min Scan# 3653

Delta R.T. 0.18 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleID :

PB92009BL

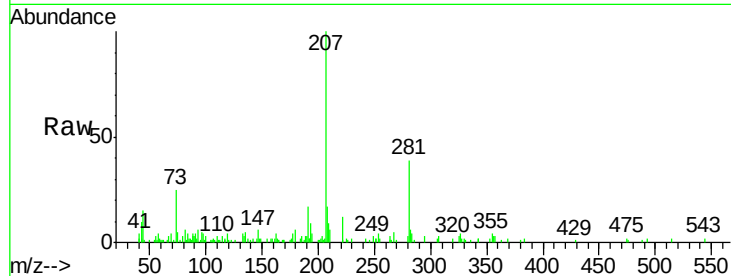
Tot Ion:252 Resp: 169

Ion Ratio Lower Upper

252 100

253 207.2 18.9 28.3#

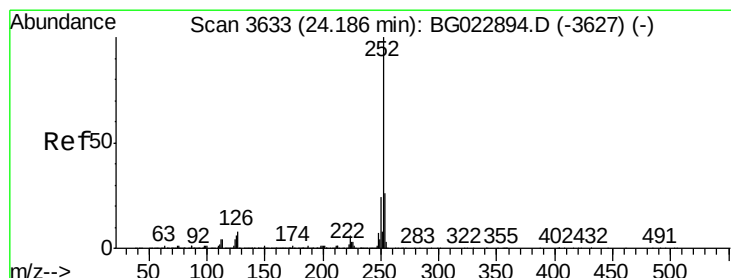
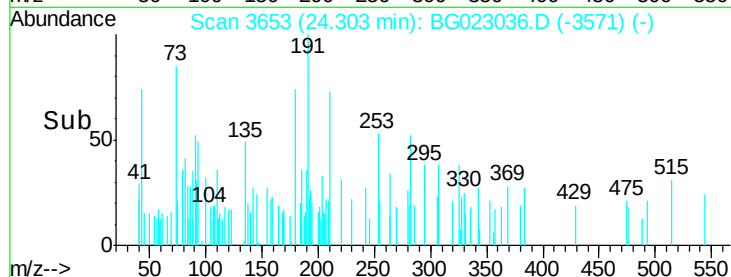
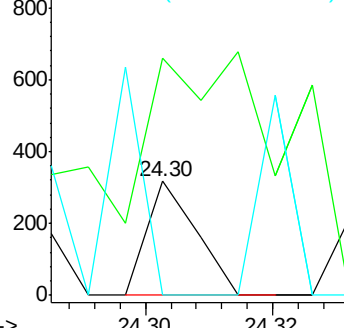
125 0.0 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 11.79 ng

RT: 24.37 min Scan# 3665

Delta R.T. 0.19 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

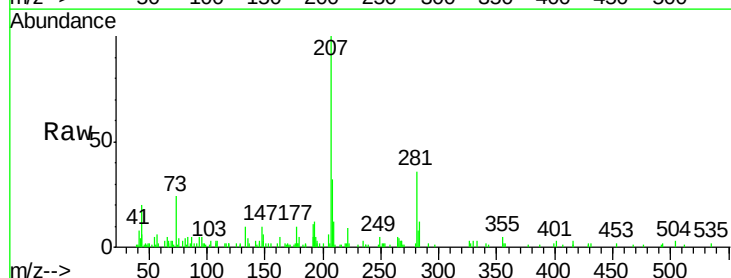
Tgt Ion:252 Resp: 231

Ion Ratio Lower Upper

252 100

253 82.8 18.8 28.2#

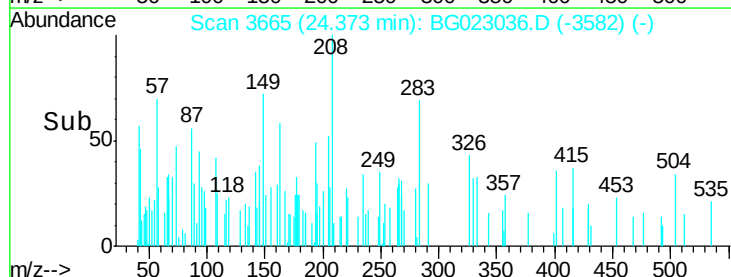
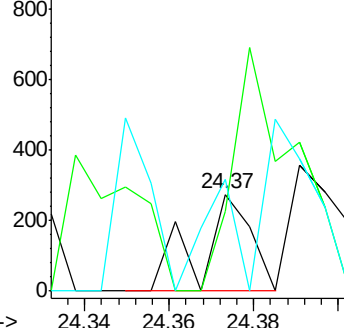
125 115.7 3.2 4.8#

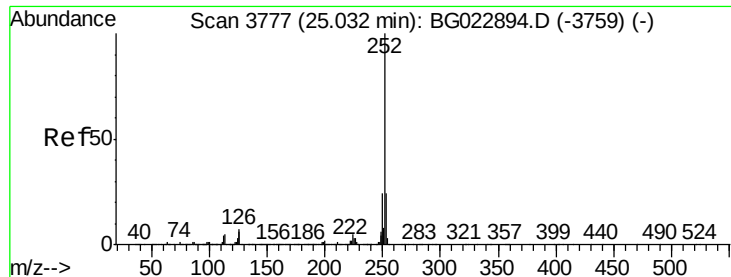


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.99 ng

RT: 25.20 min Scan# 3806

Delta R.T. 0.17 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

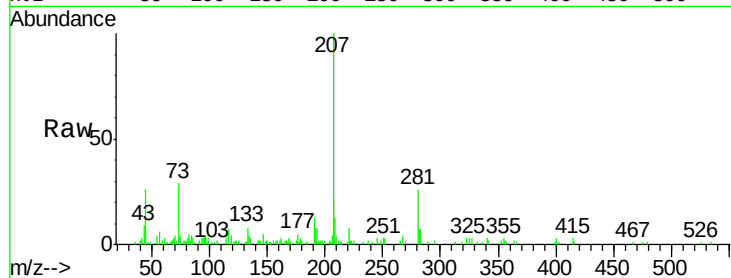
Tot Ion:252 Resp: 673

Ion Ratio Lower Upper

252 100

253 0.0 18.7 28.1#

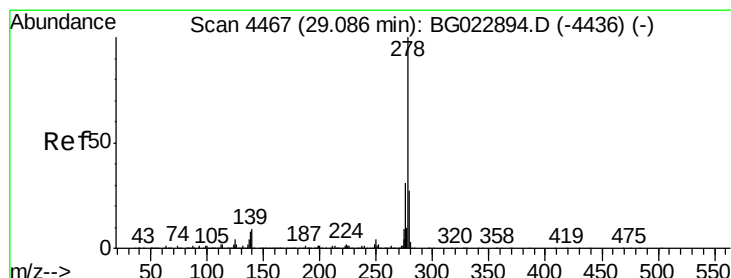
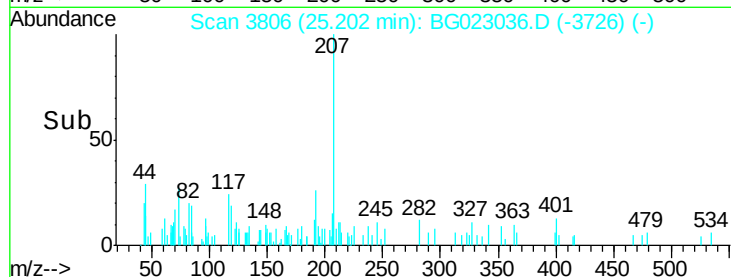
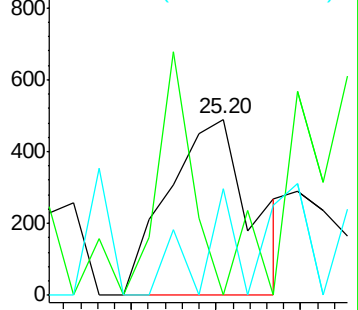
125 60.6 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 15.57 ng

RT: 29.31 min Scan# 4505

Delta R.T. 0.22 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

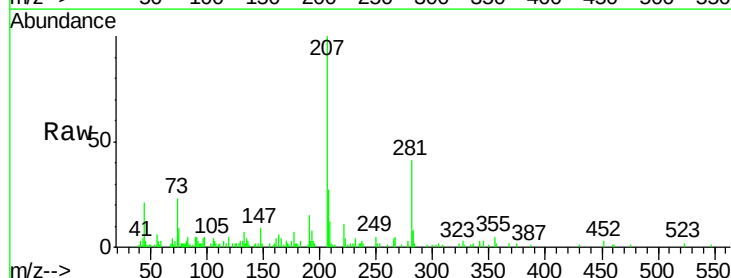
Tgt Ion:278 Resp: 306

Ion Ratio Lower Upper

278 100

139 0.0 4.7 7.1#

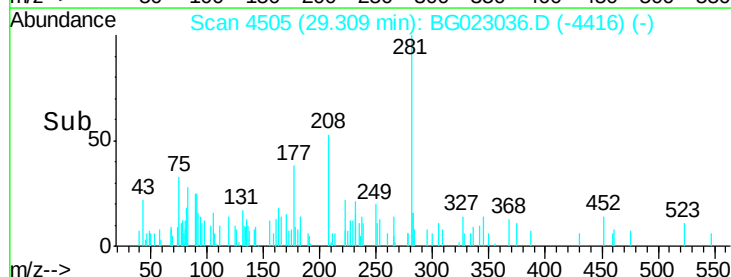
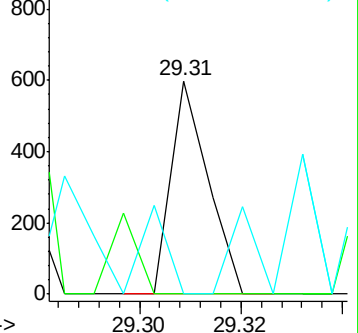
279 0.0 18.3 27.5#

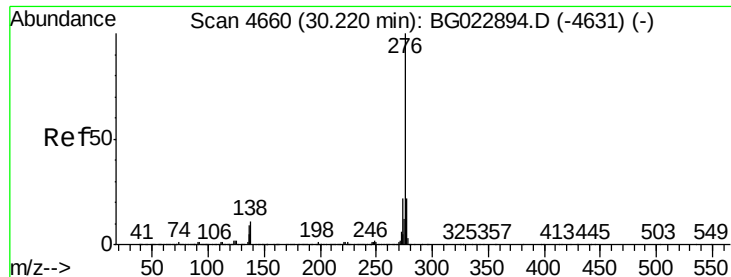


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 17.73 ng

RT: 30.47 min Scan# 4703

Delta R.T. 0.25 min

Lab File: BG023036.D

Acq: 12 Jul 2016 14:44

Instrument :

BNA_G

ClientSampleId :

PB92009BL

Tot Ion: 276 Resp: 349

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 108.9 6.8 10.2#

