

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022655.D
 Acq On : 27 Jun 2016 23:18
 Operator : UM/SJ
 Sample : PB91542BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91542BL

Quant Time: Jun 28 01:43:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	137808	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	580282	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	417871	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1149071	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1349232	20.00	ng	0.00
86) Perylene-d12	25.21	264	1345376	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	900437	104.80	ng	0.00
7) Phenol-d6	7.31	99	1313651	108.47	ng	0.00
23) Nitrobenzene-d5	9.33	82	905661	66.06	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	747298	113.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1807482	68.60	ng	0.00
78) Terphenyl-d14	20.15	244	2984953	58.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	141	0.04	ng	# 1
3) Pyridine	4.00	79	55	0.01	ng	# 47
4) n-Nitrosodimethylamine	3.91	42	140	0.03	ng	# 1
6) Aniline	7.47	93	864	0.05	ng	# 37
8) 2-Chlorophenol	7.73	128	261	0.03	ng	# 33
9) Benzaldehyde	7.31	77	3515	0.82	ng	# 33
10) Phenol	7.30	94	459	0.04	ng	# 1
11) bis(2-Chloroethyl)ether	7.59	93	231	0.02	ng	# 21
12) 1,3-Dichlorobenzene	8.05	146	134	0.01	ng	# 36
13) 1,4-Dichlorobenzene	8.20	146	69	0.01	ng	# 41
14) 1,2-Dichlorobenzene	8.52	146	167	0.02	ng	# 52
15) Benzyl Alcohol	8.48	79	16772	1.50	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	8.88	45	167	0.01	ng	# 64
17) 2-Methylphenol	8.57	107	64	0.01	ng	# 5
18) Hexachloroethane	9.27	117	103	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	8.94	70	105	0.01	ng	# 39
20) 3+4-Methylphenols	8.80	107	214	0.02	ng	# 26
22) Acetophenone	9.00	105	116	0.01	ng	# 3
24) Nitrobenzene	9.33	77	3598	0.24	ng	# 50
25) Isophorone	9.91	82	273	0.01	ng	# 47
26) 2-Nitrophenol	10.01	139	298	0.05	ng	# 15
27) 2,4-Dimethylphenol	10.15	122	298	0.03	ng	# 1
28) bis(2-Chloroethoxy)methane	10.40	93	62	0.00	ng	# 1
29) 2,4-Dichlorophenol	10.61	162	93	0.01	ng	# 21
30) 1,2,4-Trichlorobenzene	10.67	180	80	0.01	ng	# 5
31) Naphthalene	11.01	128	88	0.00	ng	# 1
33) 4-Chloroaniline	11.12	127	64	0.01	ng	# 20
34) Hexachlorobutadiene	11.38	225	99	0.01	ng	# 18
35) Caprolactam	11.87	113	149	0.05	ng	# 1
36) 4-Chloro-3-methylphenol	12.24	107	195	0.02	ng	# 26
37) 2-Methylnaphthalene	12.62	142	103	0.00	ng	# 1
39) 1,2,4,5-Tetrachlorobenzene	13.05	216	56	0.00	ng	# 1
40) Hexachlorocyclopentadiene	12.94	237	93	0.01	ng	# 26
42) 2,4,6-Trichlorophenol	13.23	196	148	0.01	ng	# 11

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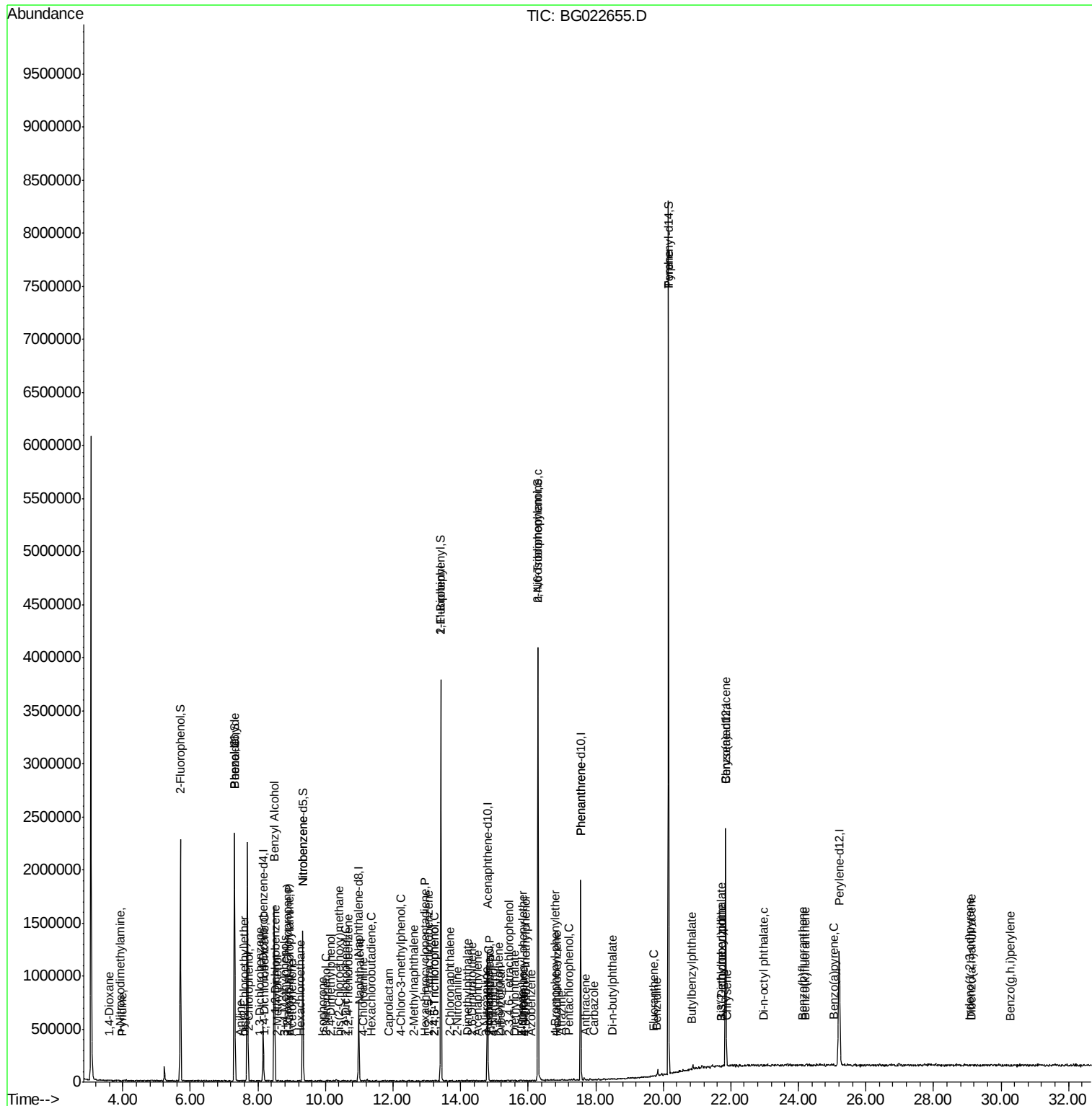
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	148	0.01	nq	# 12
45) 1,1'-Biphenyl	13.42	154	4500	0.14	nq	# 1
46) 2-Chloronaphthalene	13.68	162	59	0.00	nq	# 38
47) 2-Nitroaniline	13.89	65	82	0.01	nq	# 16
48) Acenaphthylene	14.51	152	57	0.00	nq	# 1
49) Dimethylphthalate	14.20	163	186	0.01	nq	# 77
50) 2,6-Dinitrotoluene	14.34	165	61	0.01	nq	# 9
51) Acenaphthene	14.84	154	84	0.00	nq	# 6
52) 3-Nitroaniline	14.74	138	119	0.02	nq	# 1
53) 2,4-Dinitrophenol	14.86	184	79	0.02	nq	# 1
54) Dibenzofuran	15.19	168	377	0.01	nq	# 39
55) 4-Nitrophenol	14.98	139	167	0.03	nq	# 1
56) 2,4-Dinitrotoluene	15.13	165	215	0.02	nq	# 14
57) Fluorene	15.82	166	72	0.00	nq	# 8
58) 2,3,4,6-Tetrachlorophenol	15.43	232	82	0.01	nq	# 29
59) Diethylphthalate	15.59	149	239	0.01	nq	# 57
60) 4-Chlorophenyl-phenylether	15.84	204	140	0.01	nq	# 26
61) 4-Nitroaniline	15.87	138	319	0.04	nq	# 1
62) Azobenzene	16.09	77	193	0.01	nq	# 73
64) 4,6-Dinitro-2-methylphenol	15.94	198	61	0.01	nq	# 33
65) n-Nitrosodiphenylamine	16.29	169	28876	0.86	nq	# 43
66) 4-Bromophenyl-phenylether	16.80	248	66	0.00	nq	# 42
67) Hexachlorobenzene	16.86	284	63	0.00	nq	# 40
68) Atrazine	16.99	200	148	0.01	nq	# 1
69) Pentachlorophenol	17.20	266	179	0.02	nq	# 18
70) Phenanthrene	17.56	178	537	0.01	nq	# 1
71) Anthracene	17.70	178	291	0.00	nq	# 31
72) Carbazole	17.96	167	135	0.00	nq	# 55
73) Di-n-butylphthalate	18.50	149	1331	0.02	nq	# 1
74) Fluoranthene	19.71	202	157	0.00	nq	# 69
76) Benzidine	19.81	184	376	0.03	nq	# 64
77) Pyrene	20.16	202	16247	0.23	nq	# 75
79) Butylbenzylphthalate	20.84	149	899	0.03	nq	# 35
80) Benzo(a)anthracene	21.85	228	5265	0.07	nq	# 61
81) 3,3'-Dichlorobenzidine	21.74	252	559	0.02	nq	# 24
82) Chrysene	21.89	228	766	0.01	nq	# 56
83) Bis(2-ethylhexyl)phthalate	21.72	149	187	0.00	nq	# 76
84) Di-n-octyl phthalate	22.98	149	1178	0.02	nq	# 1
85) Indeno(1,2,3-cd)pyrene	29.06	276	428	0.00	nq	# 100
87) Benzo(b)fluoranthene	24.11	252	799	0.01	nq	# 56
88) Benzo(k)fluoranthene	24.19	252	935	0.01	nq	# 61
89) Benzo(a)pyrene	25.04	252	1264	0.02	nq	# 70
90) Dibenzo(a,h)anthracene	29.11	278	491	0.01	nq	# 1
91) Benzo(g,h,i)perylene	30.25	276	327	0.00	nq	# 8

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

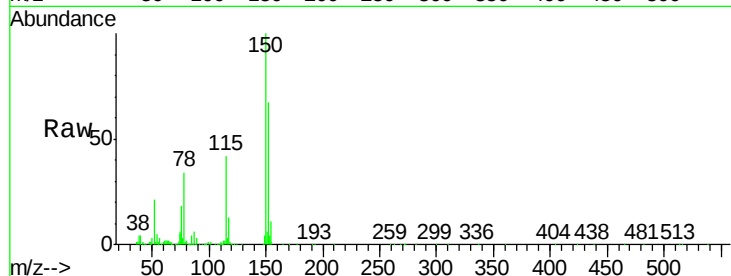
Tot Ion:152 Resp: 137808

Ion Ratio Lower Upper

152 100

150 150.0 144.7 217.1

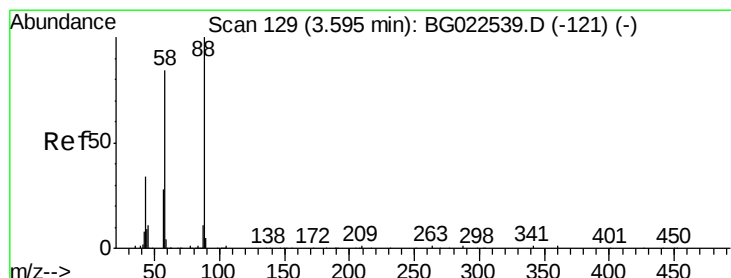
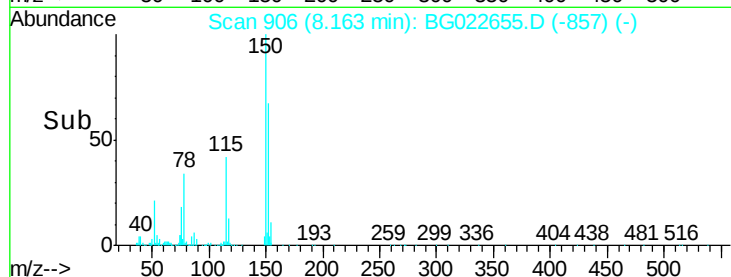
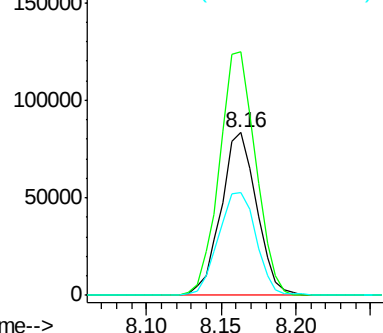
115 62.9 64.0 96.0#



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: 0.04 ng

RT: 3.59 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

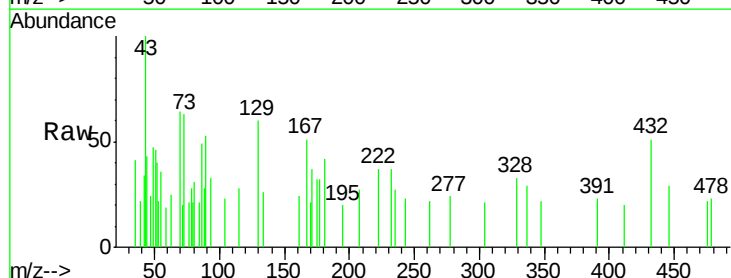
Tgt Ion: 88 Resp: 141

Ion Ratio Lower Upper

88 100

58 368.8 60.4 90.6#

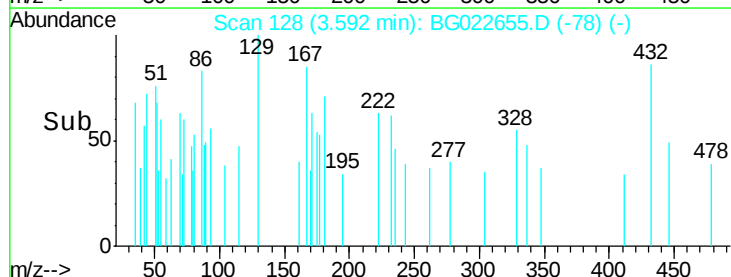
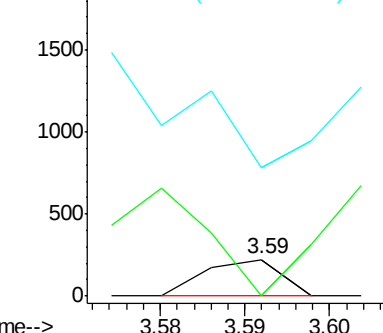
43 0.0 31.1 46.7#

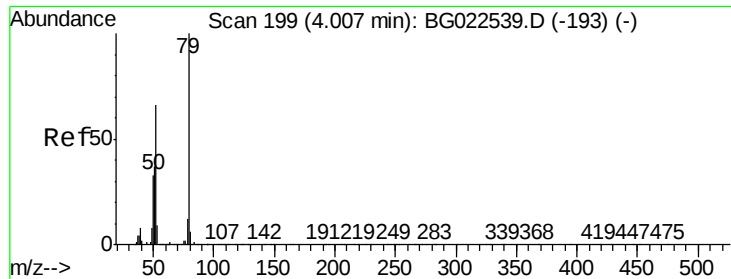


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

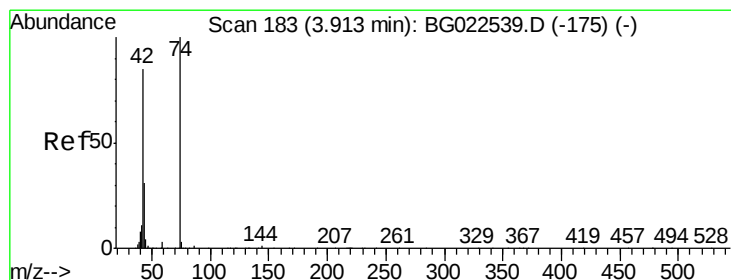
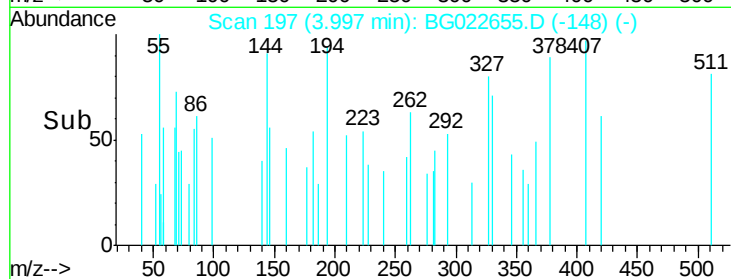
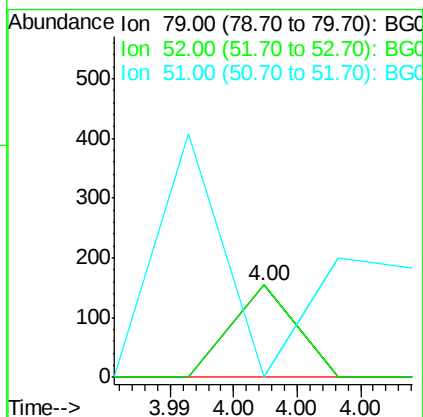
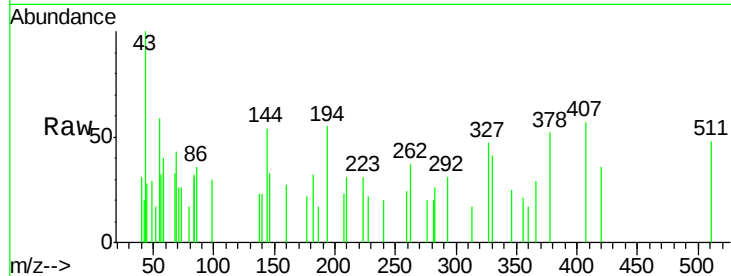




#3
Pvridine
Concen: 0.01 ng
RT: 4.00 min Scan# 197
Delta R.T. -0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

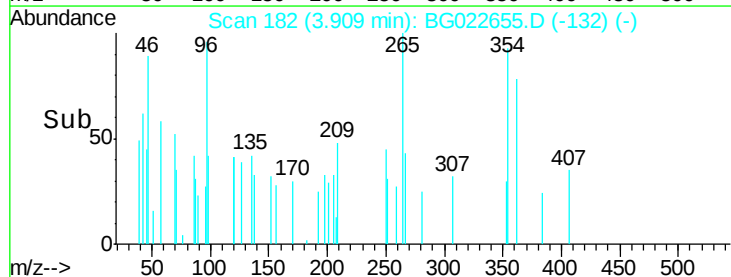
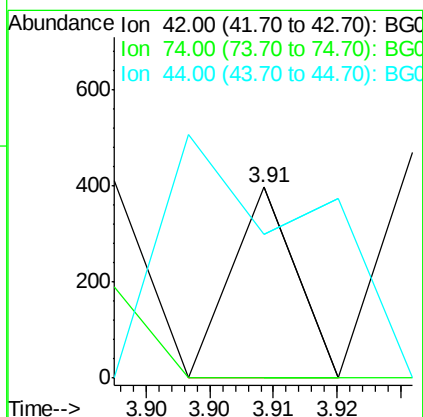
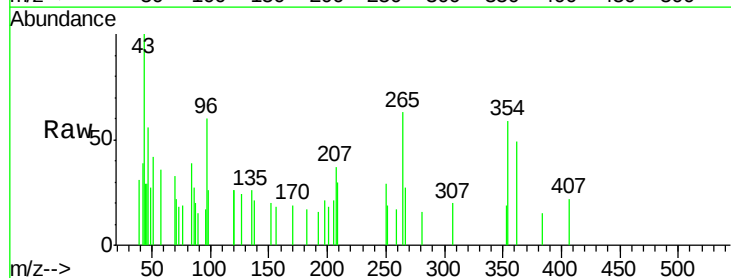
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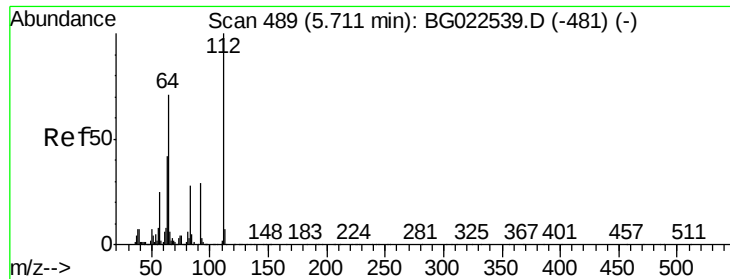
Tot Ion: 79 Resp: 55
Ion Ratio Lower Upper
79 100
52 100.0 51.8 77.8#
51 0.0 32.7 49.1#



#4
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.91 min Scan# 182
Delta R.T. -0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion: 42 Resp: 140
Ion Ratio Lower Upper
42 100
74 0.0 100.6 150.8#
44 75.4 4.5 6.7#





#5

2-Fluorophenol

Concen: 104.80 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

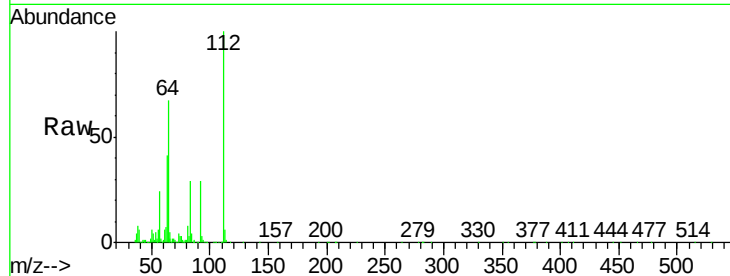
Tot Ion:112 Resp: 900437

Ion Ratio Lower Upper

112 100

64 67.4 59.0 88.4

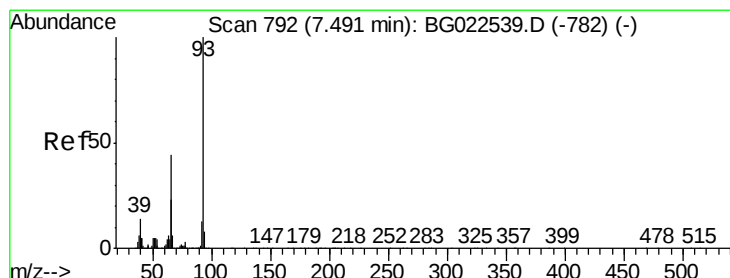
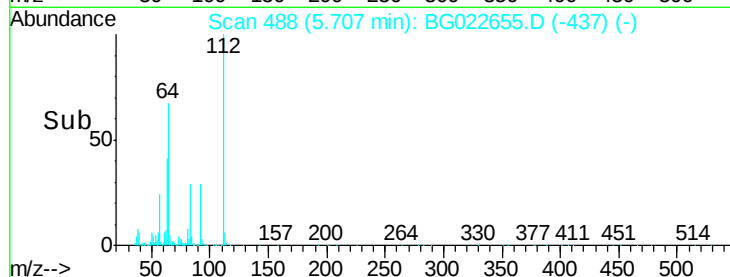
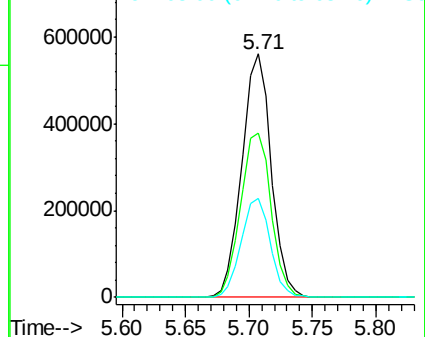
63 40.5 37.8 56.8



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: 0.05 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.02 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

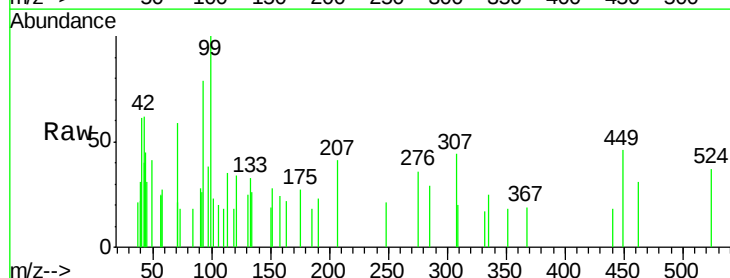
Tgt Ion: 93 Resp: 864

Ion Ratio Lower Upper

93 100

66 0.0 37.5 56.3#

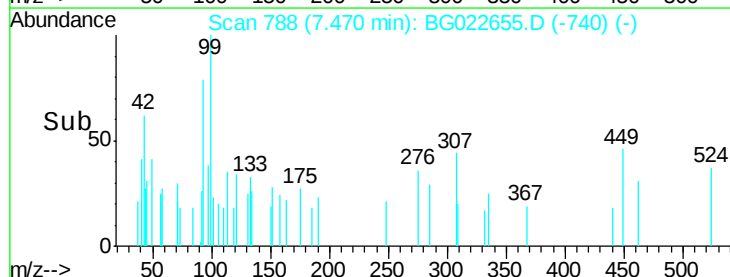
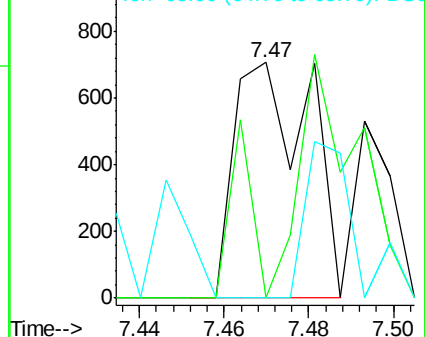
65 0.0 17.9 26.9#



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: 108.47 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

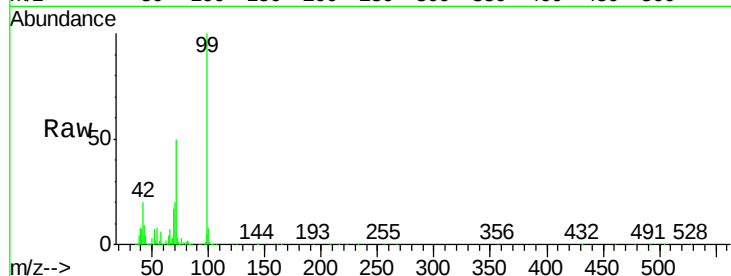
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 1313651

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	50.3	41.5	62.3

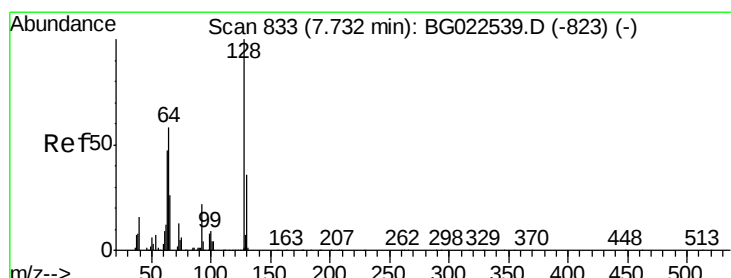
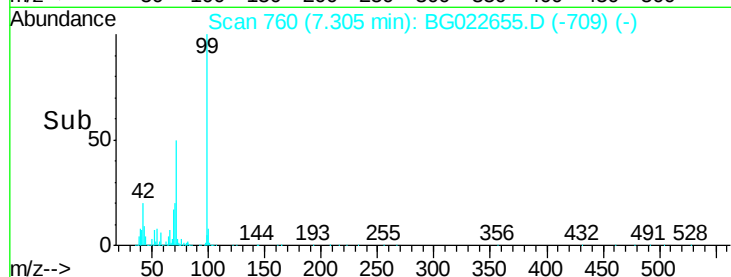


Abundance

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: 0.03 ng

RT: 7.73 min Scan# 832

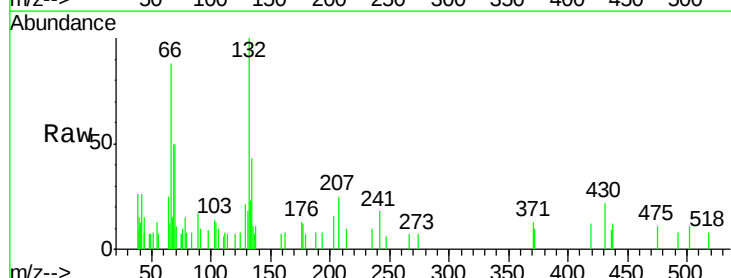
Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Tgt Ion:128 Resp: 261

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	116.7	42.0	82.0#

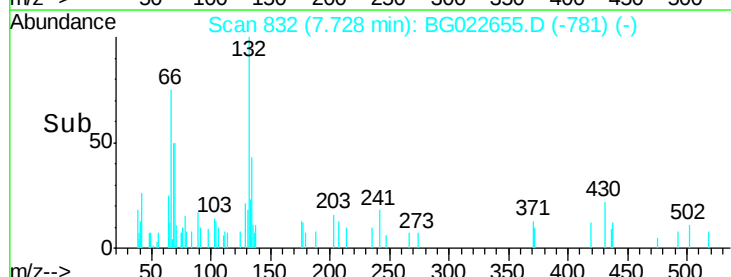


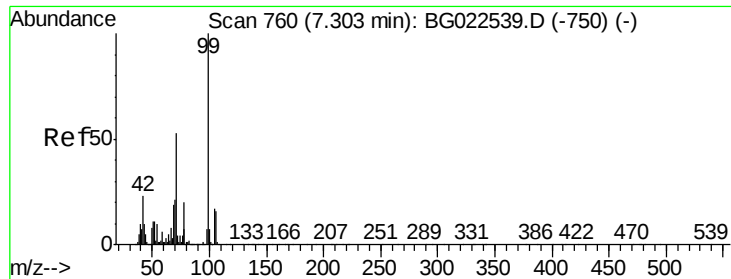
Abundance

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: 0.82 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.01 min

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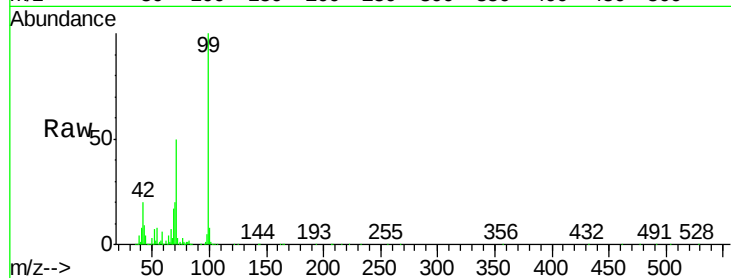
Tot Ion: 77 Resp: 3515

Ion Ratio Lower Upper

77 100

105 36.8 58.7 98.7#

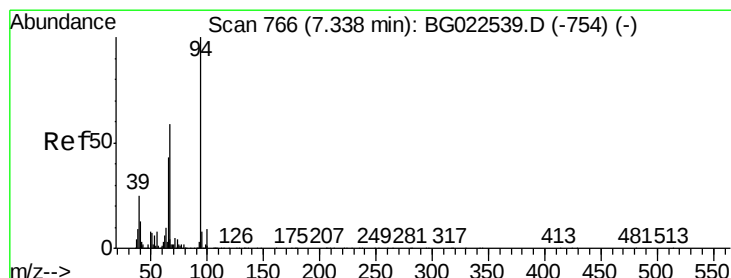
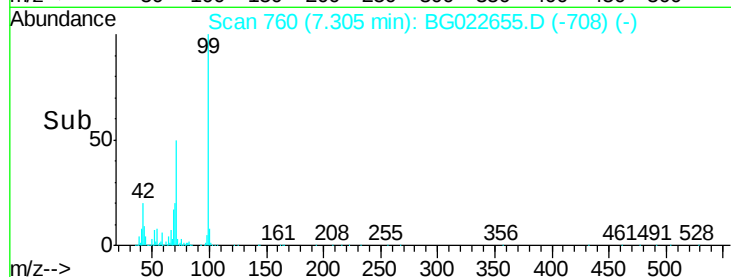
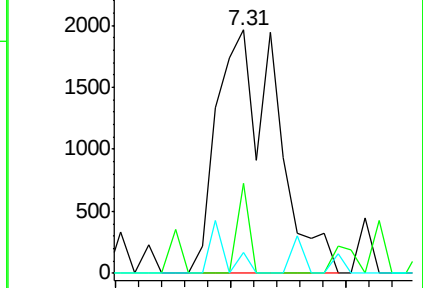
106 8.6 67.5 107.5#



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: 0.04 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.03 min

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Acq: 27 Jun 2016 23:18

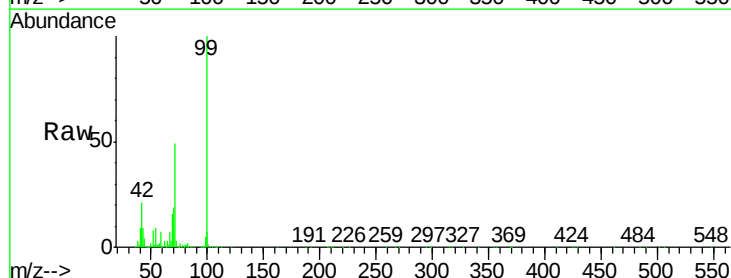
Tgt Ion: 94 Resp: 459

Ion Ratio Lower Upper

94 100

65 962.8 18.1 58.1#

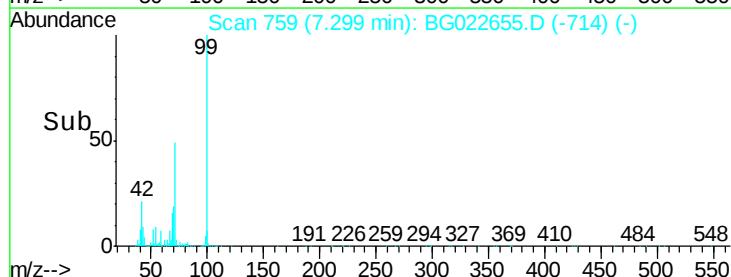
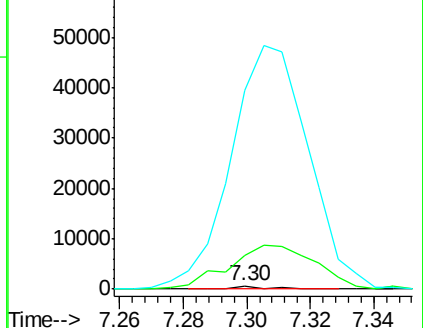
66 5781.6 42.1 82.1#

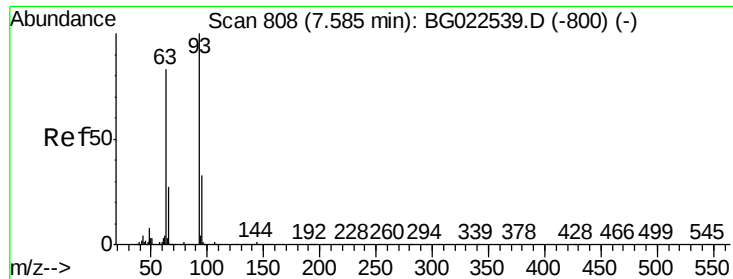


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

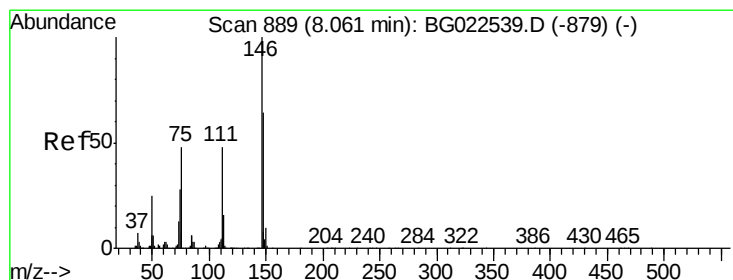
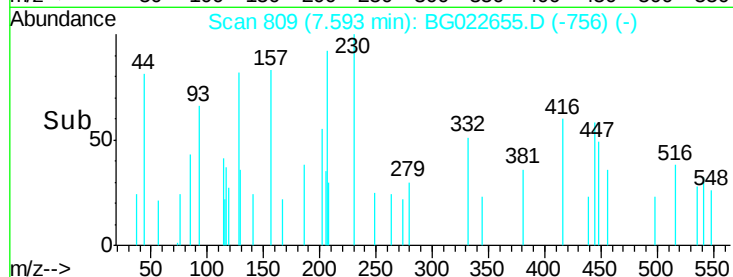
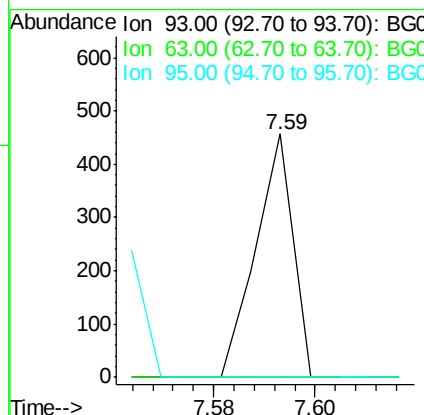
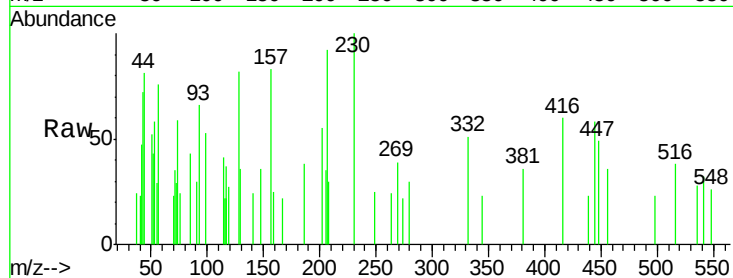




#11
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.59 min Scan# 809
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

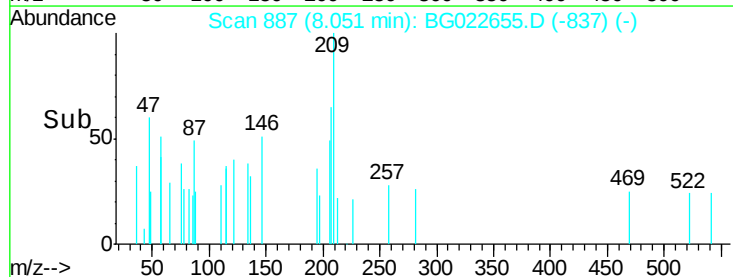
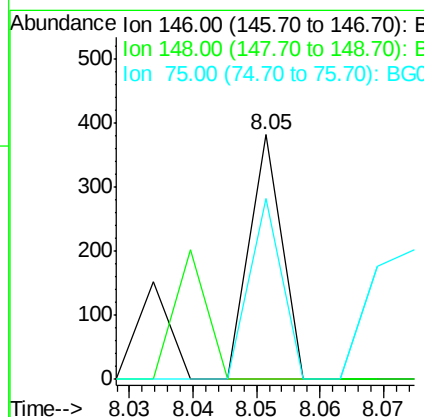
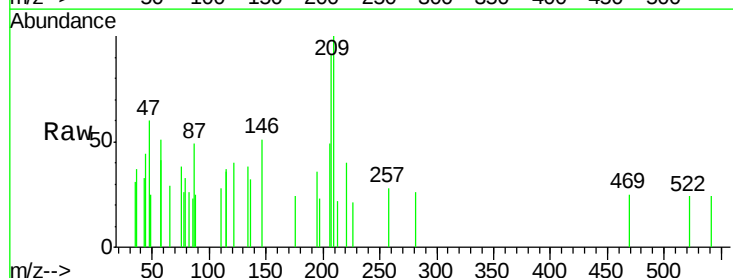
Instrument :
BNA_G
ClientSampleId :
PB91542BL

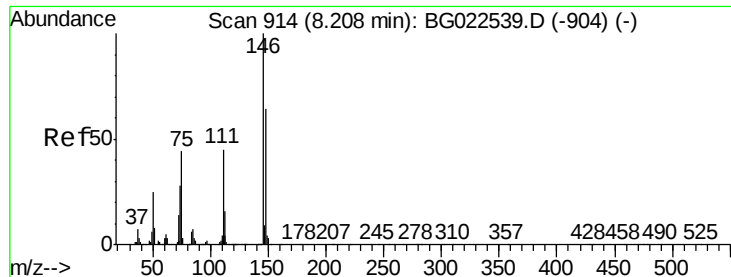
Tot Ion: 93 Resp: 231
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 0.0 11.0 51.0#



#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion: 146 Resp: 134
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 73.8 37.0 55.6#

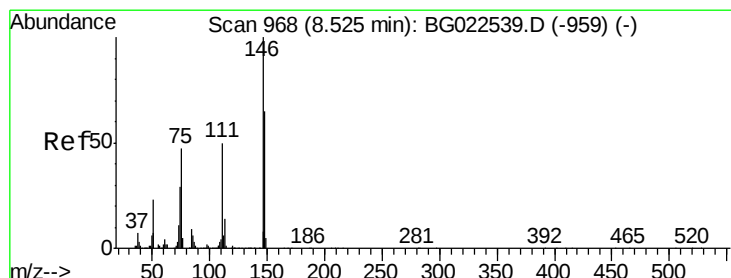
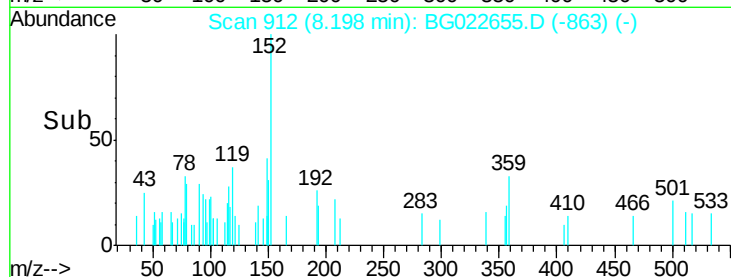
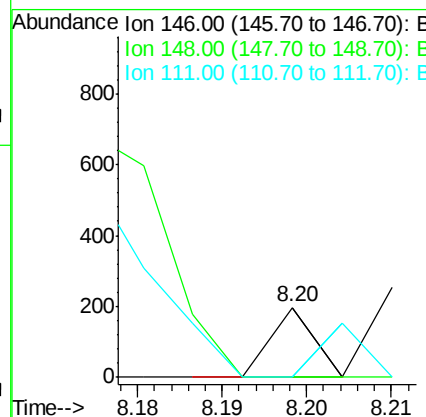
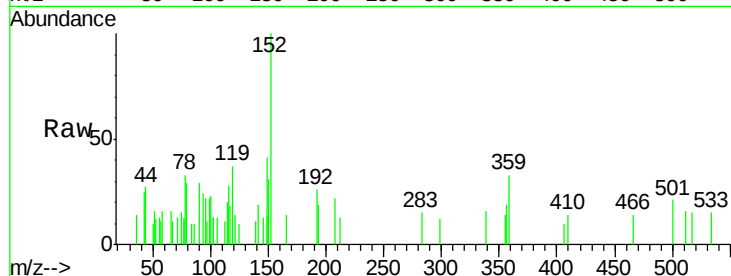




#13
1,4-Dichlorobenzene
Concen: 0.01 ng
RT: 8.20 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

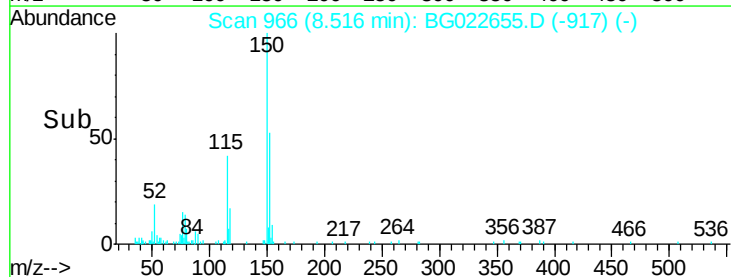
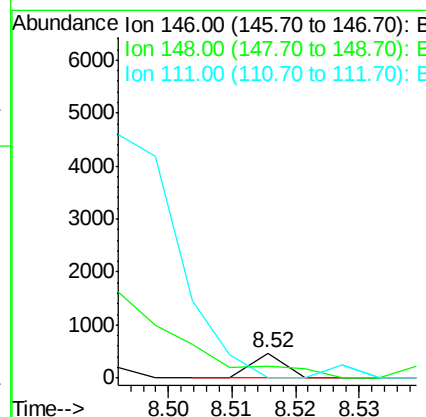
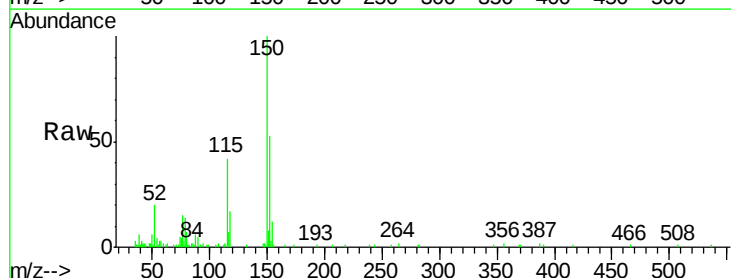
Instrument :
BNA_G
ClientSampleId :
PB91542BL

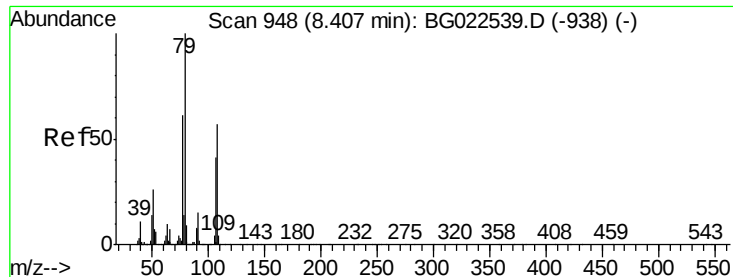
Tot Ion:146 Resp: 69
Ion Ratio Lower Upper
146 100
148 109.7 54.5 81.7#
111 0.0 37.8 56.8#



#14
1,2-Dichlorobenzene
Concen: 0.02 ng
RT: 8.52 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:146 Resp: 167
Ion Ratio Lower Upper
146 100
148 46.0 52.9 79.3#
111 0.0 43.5 65.3#





#15

Benzyl Alcohol

Concen: 1.50 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.08 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampled :

PB91542BL

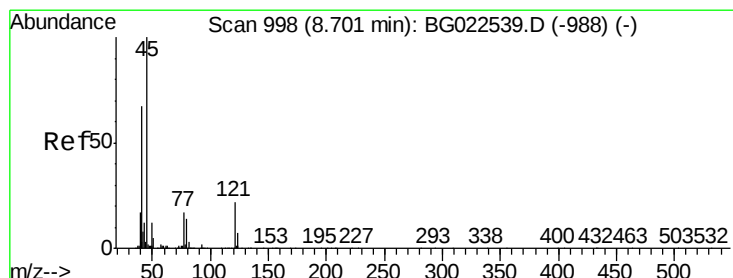
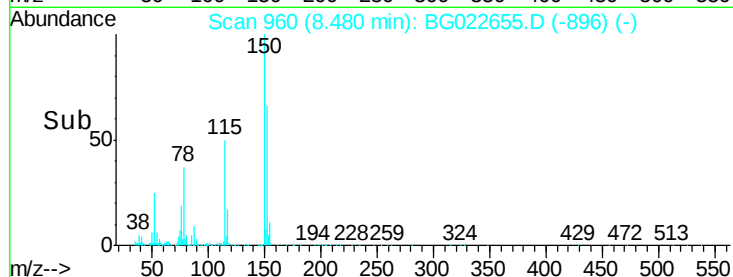
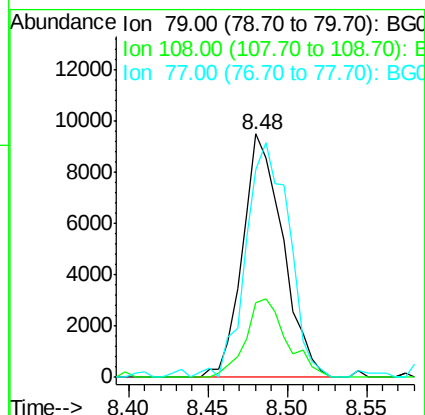
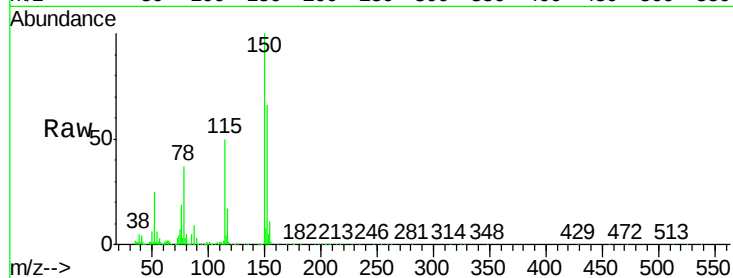
Tot Ion: 79 Resp: 16772

Ion Ratio Lower Upper

79 100

108 30.7 46.5 69.7#

77 85.6 52.3 78.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng

RT: 8.88 min Scan# 1028

Delta R.T. 0.18 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

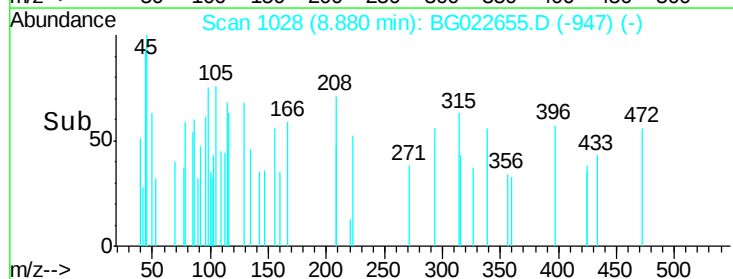
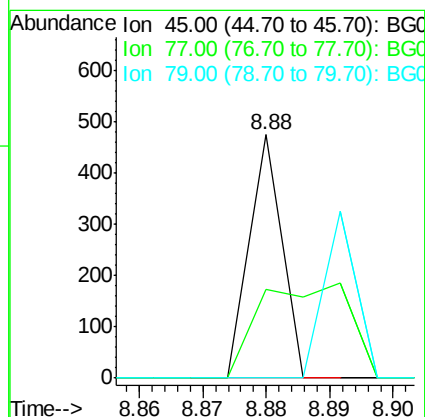
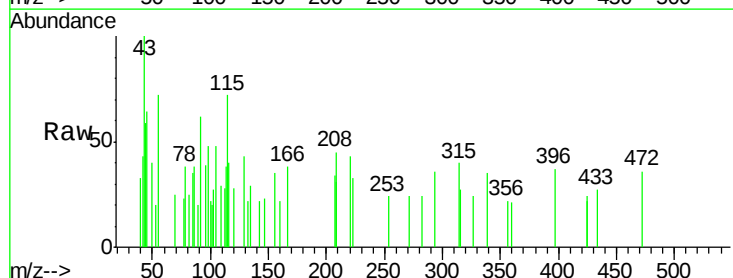
Tgt Ion: 45 Resp: 167

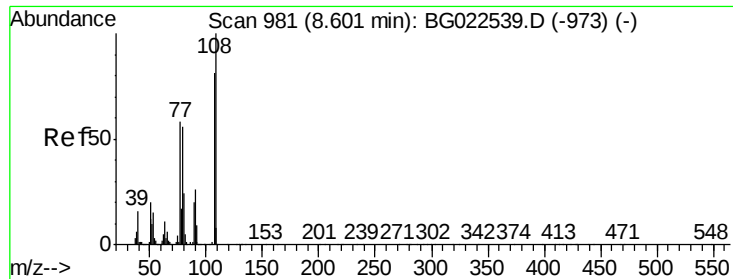
Ion Ratio Lower Upper

45 100

77 36.6 0.6 40.6

79 0.0 0.0 36.2

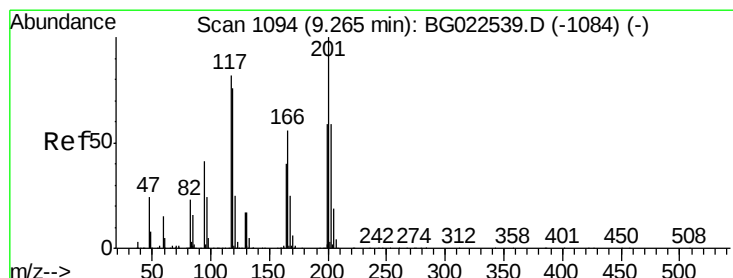
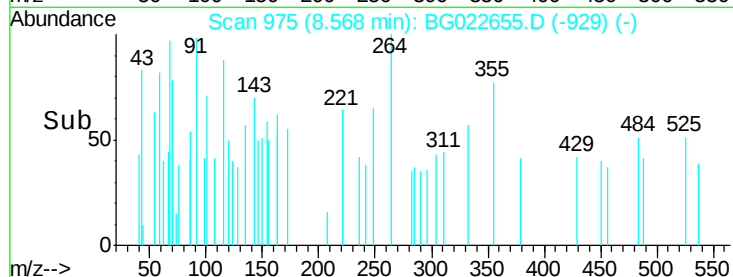
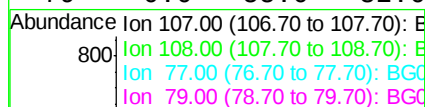
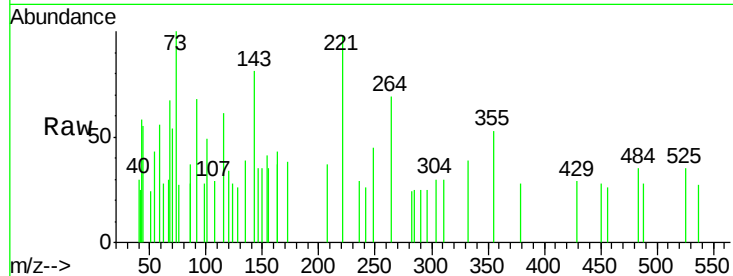




#17
2-Methylphenol
Concen: 0.01 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.03 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

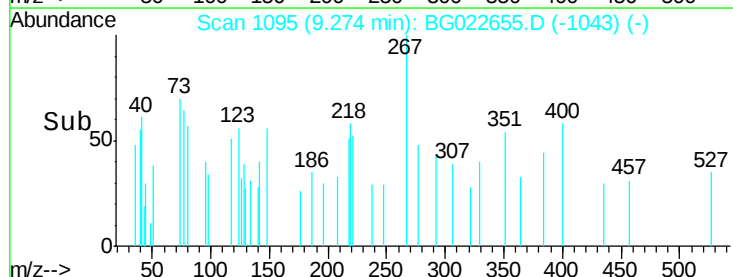
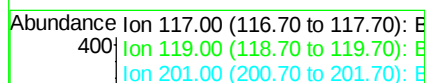
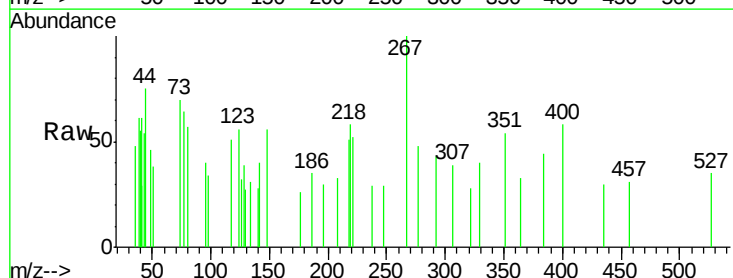
Instrument :
BNA_G
ClientSampleId :
PB91542BL

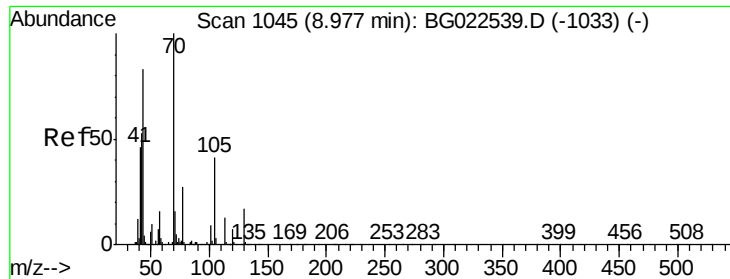
Tot Ion:	107	Resp:	64
Ion	Ratio	Lower	Upper
107	100		
108	0.0	92.0	138.0#
77	0.0	55.8	83.6#
79	0.0	55.0	82.6#



#18
Hexachloroethane
Concen: 0.02 ng
RT: 9.27 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:	117	Resp:	103
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.7	110.5#
201	0.0	88.7	133.1#

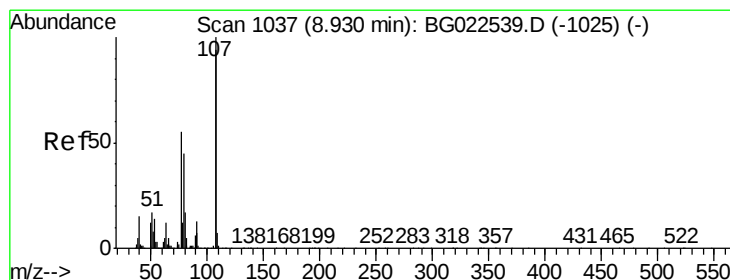
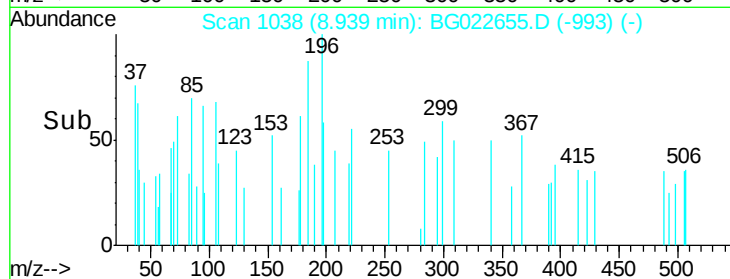
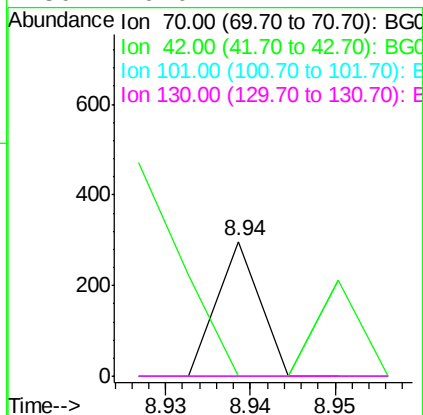
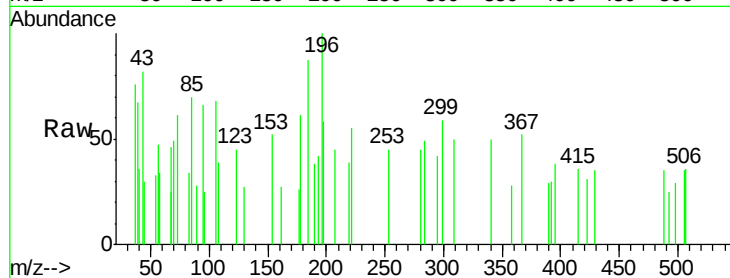




#19
n-Nitroso-di-n-propylamine
Concen: 0.01 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

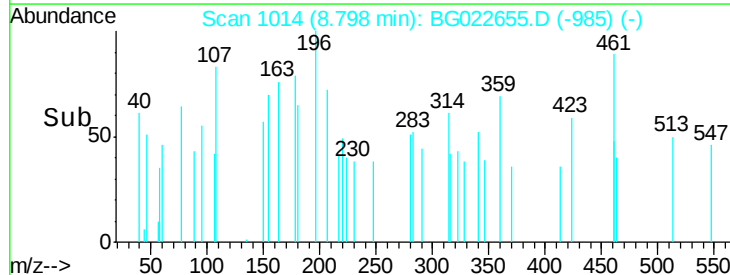
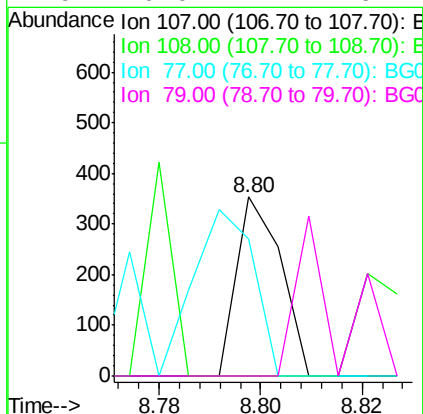
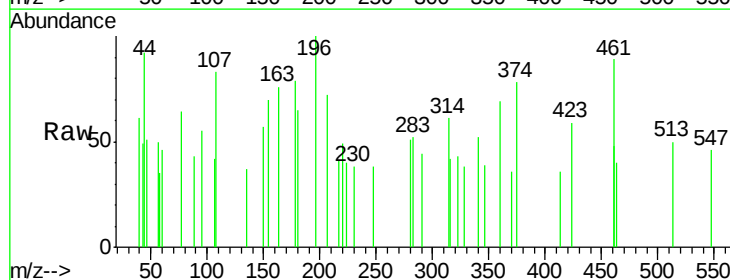
Instrument :
BNA_G
ClientSampleId :
PB91542BL

Tot Ion:	70	Resp:	105
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: 0.02 ng
RT: 8.80 min Scan# 1014
Delta R.T. -0.13 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:	107	Resp:	214
Ion	Ratio	Lower	Upper
107	100		
108	0.0	72.5	112.5#
77	76.8	30.1	70.1#
79	0.0	24.2	64.2#

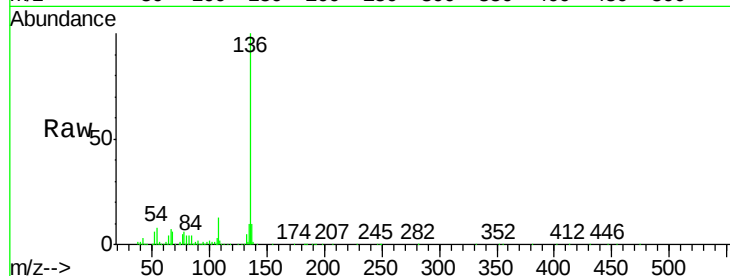




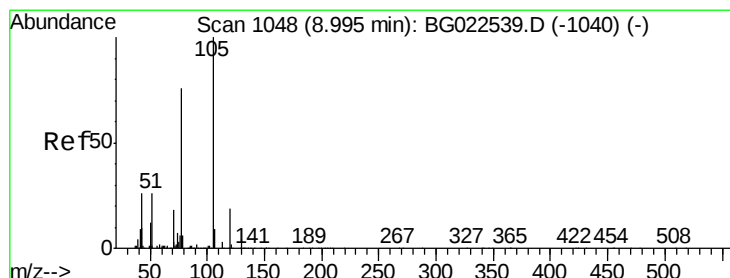
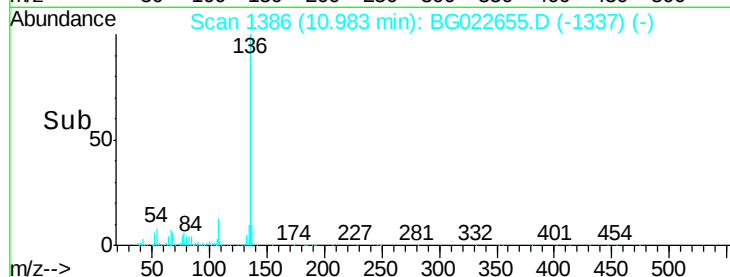
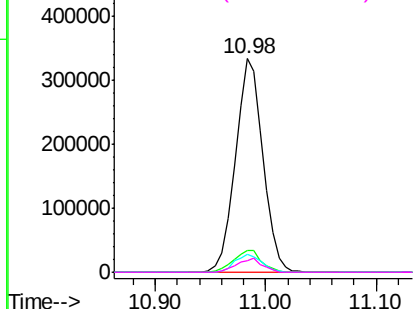
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
PB91542BL

Tot Ion:136	Resp:	580282
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.6 14.4
54	8.3	7.3 10.9
68	5.7	5.3 7.9

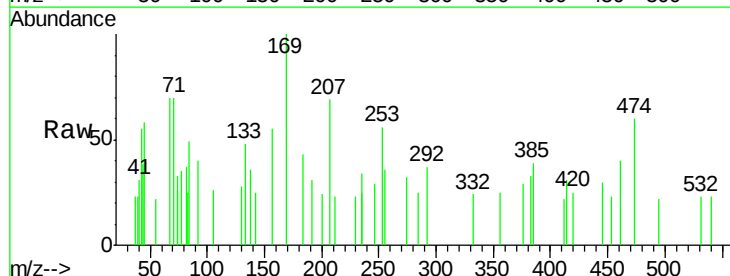


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

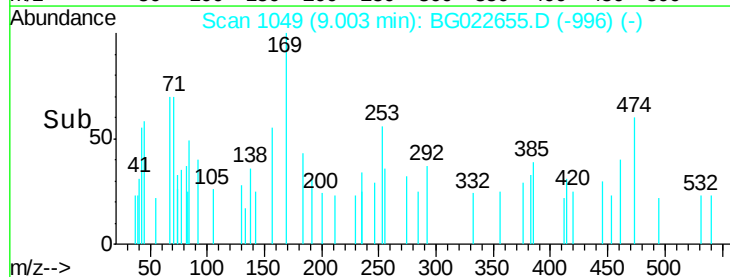
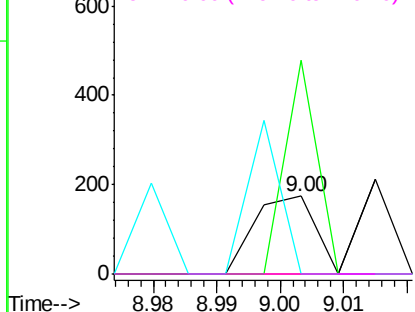


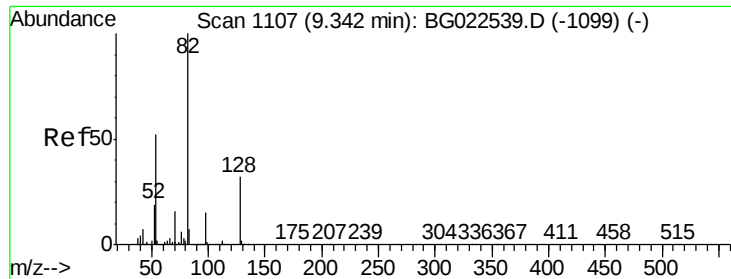
#22
Acetophenone
Concen: 0.01 ng
RT: 9.00 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:105	Resp:	116
Ion Ratio	Lower	Upper
105	100	
71	274.7	2.6 3.8#
51	0.0	27.1 40.7#
120	0.0	15.1 22.7#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

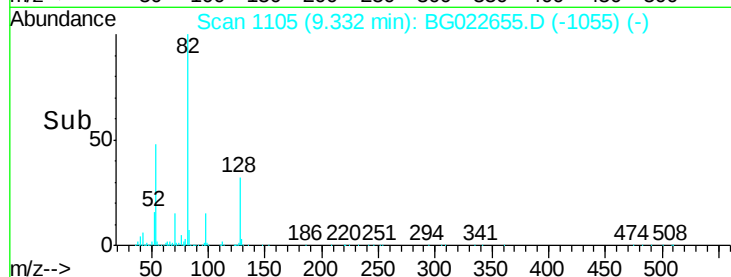
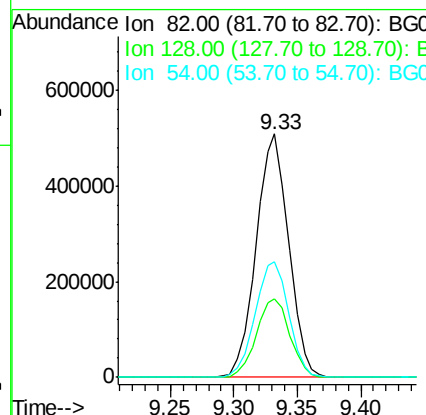
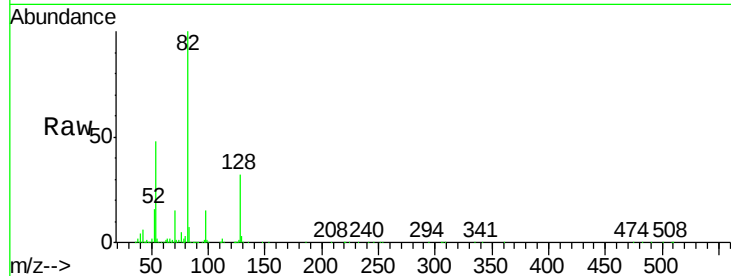




#23
Nitrobenzene-d5
Concen: 66.06 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

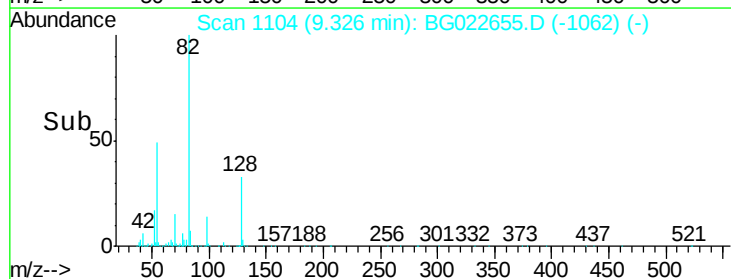
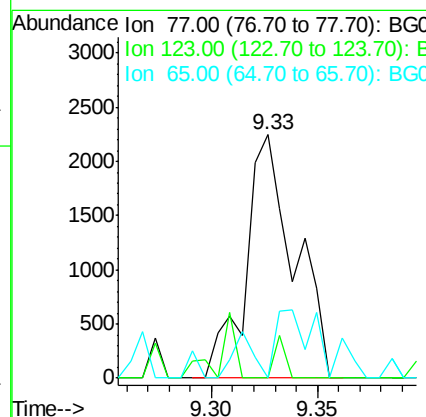
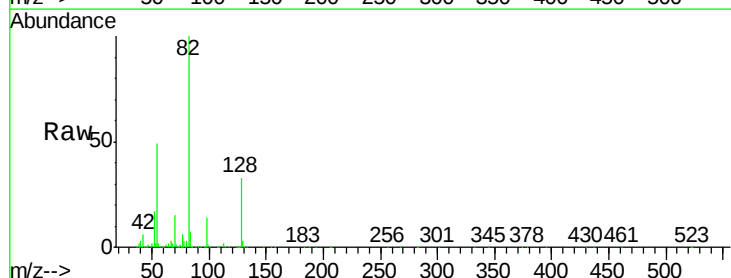
Instrument :
BNA_G
ClientSampleId :
PB91542BL

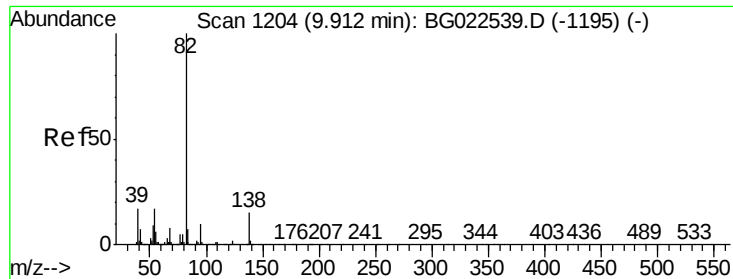
Tot Ion: 82 Resp: 905661
Ion Ratio Lower Upper
82 100
128 32.2 24.4 36.6
54 47.7 41.4 62.0



#24
Nitrobenzene
Concen: 0.24 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.05 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion: 77 Resp: 3598
Ion Ratio Lower Upper
77 100
123 0.0 25.0 37.6#
65 0.0 13.4 20.0#





#25

Isophorone

Concen: 0.01 ng

RT: 9.91 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

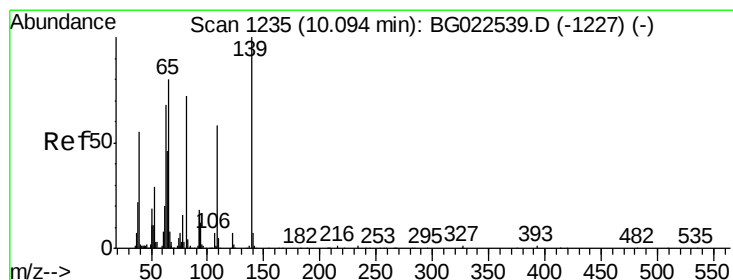
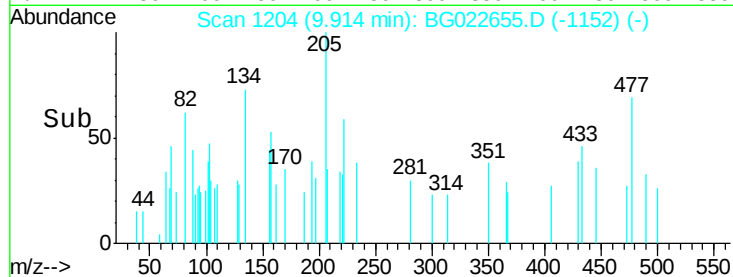
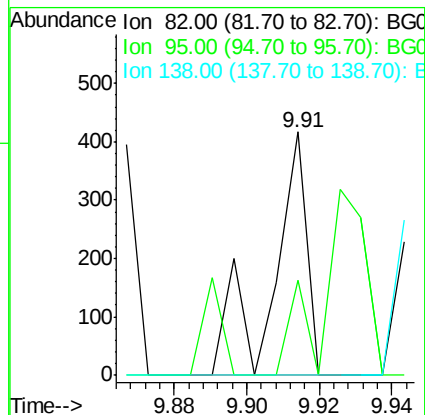
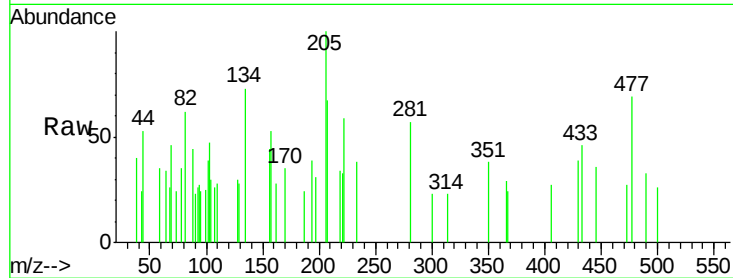
Tot Ion: 82 Resp: 273

Ion Ratio Lower Upper

82 100

95 39.1 8.2 12.2#

138 0.0 10.7 16.1#



#26

2-Nitrophenol

Concen: 0.05 ng

RT: 10.01 min Scan# 1221

Delta R.T. -0.07 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

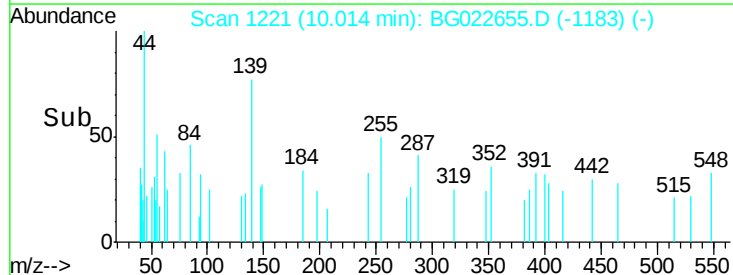
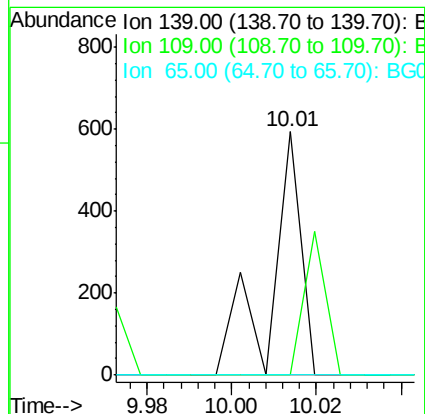
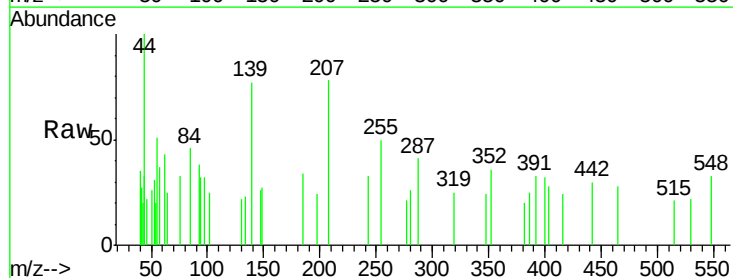
Tgt Ion: 139 Resp: 298

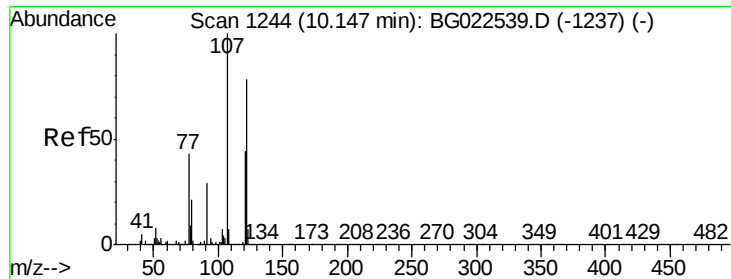
Ion Ratio Lower Upper

139 100

109 0.0 43.5 65.3#

65 0.0 64.3 96.5#

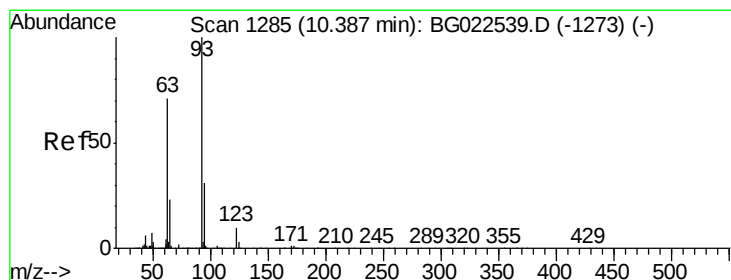
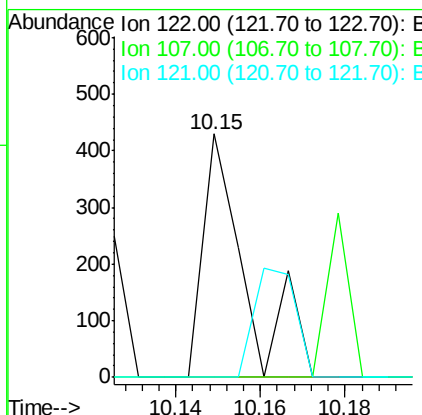
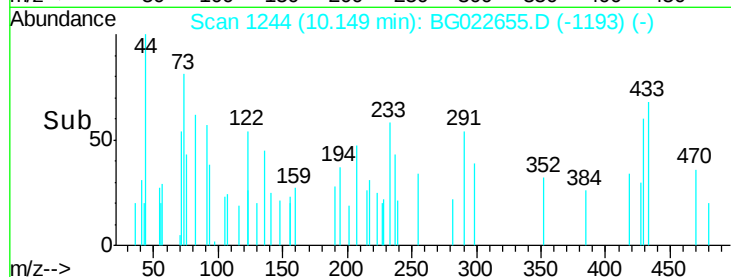
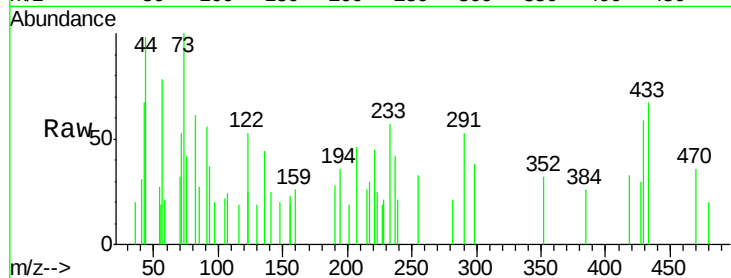




#27
2,4-Dimethylphenol
Concen: 0.03 ng
RT: 10.15 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

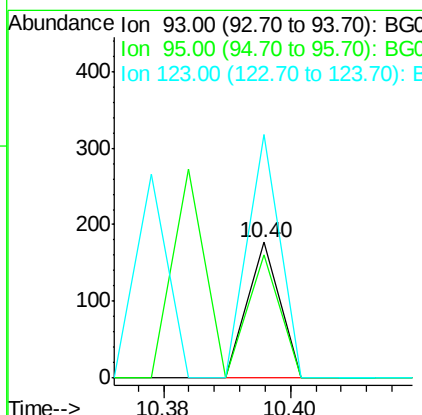
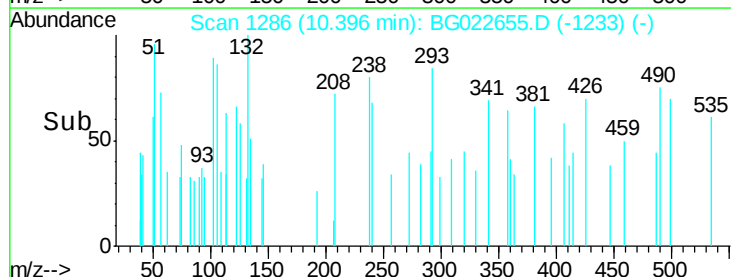
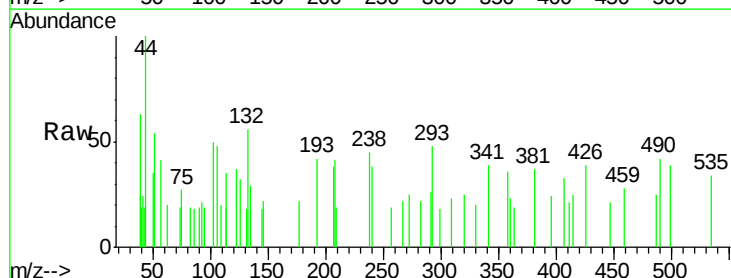
Instrument :
BNA_G
ClientSampled :
PB91542BL

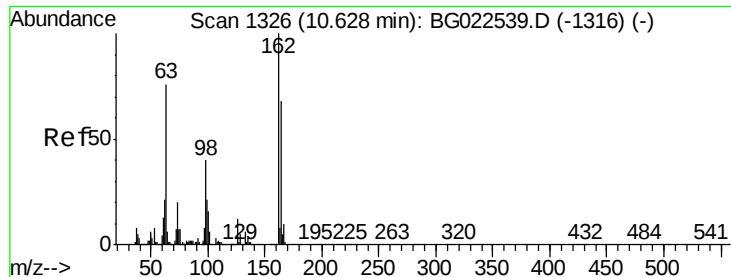
Tot Ion: 122 Resp: 298
Ion Ratio Lower Upper
122 100
107 0.0 117.0 175.4#
121 0.0 50.1 75.1#



#28
bis(2-Chloroethoxy)methane
Concen: 0.00 ng
RT: 10.40 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion: 93 Resp: 62
Ion Ratio Lower Upper
93 100
95 90.4 25.4 38.2#
123 179.7 8.2 12.2#

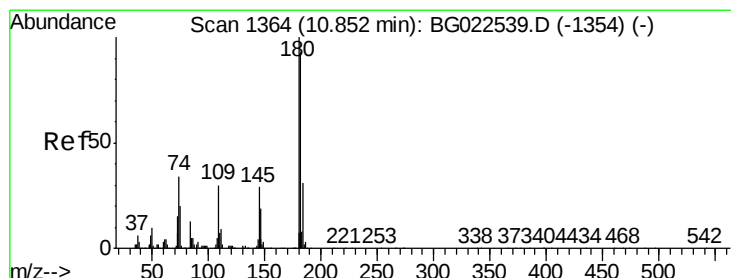
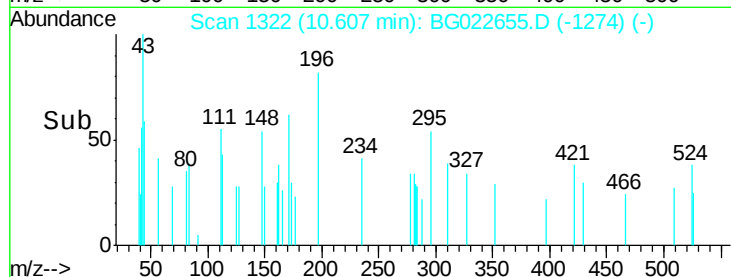
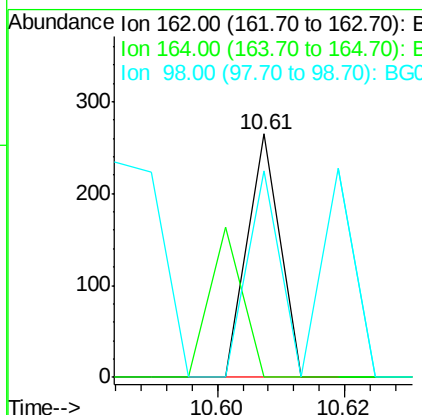
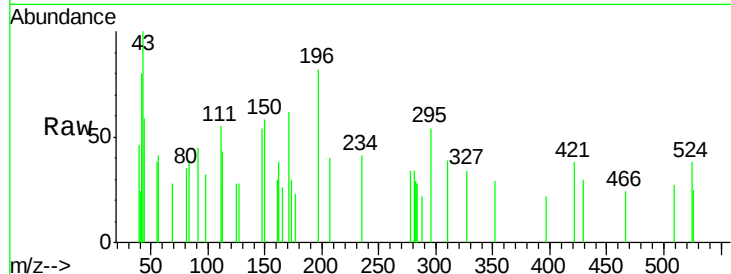




#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 10.61 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

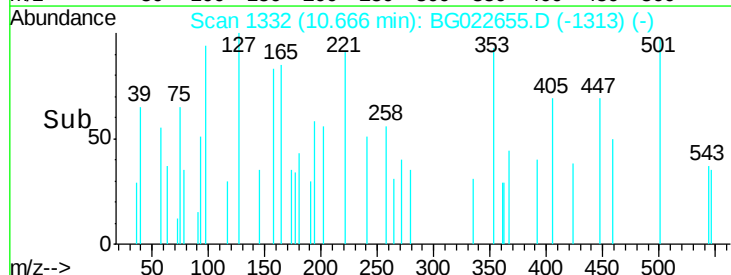
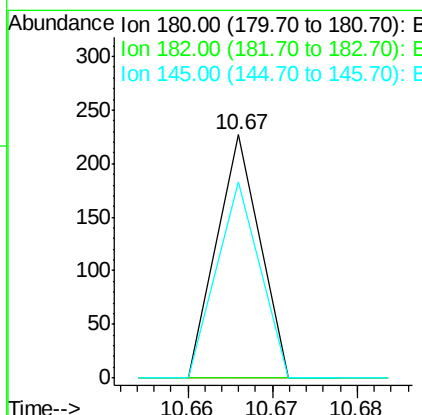
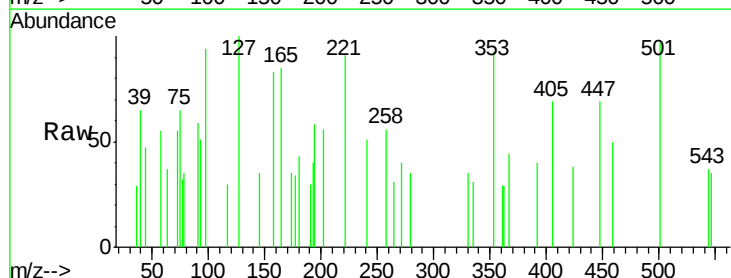
Instrument :
BNA_G
ClientSampleId :
PB91542BL

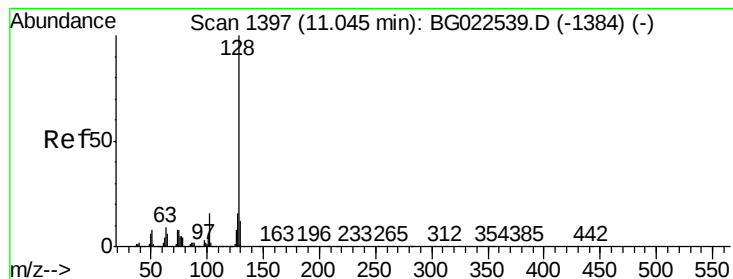
Tot Ion:162 Resp: 93
Ion Ratio Lower Upper
162 100
164 0.0 44.3 84.3#
98 84.9 19.5 59.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.01 ng
RT: 10.67 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:180 Resp: 80
Ion Ratio Lower Upper
180 100
182 0.0 73.8 110.8#
145 80.6 24.4 36.6#





#31

Naphthalene

Concen: 0.00 ng

RT: 11.01 min Scan# 1390

Delta R.T. -0.03 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

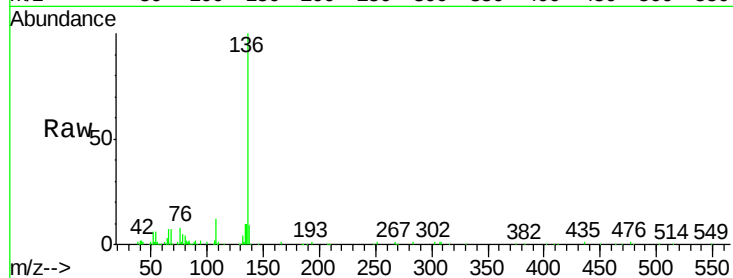
Tot Ion:128 Resp: 88

Ion Ratio Lower Upper

128 100

129 122.8 9.4 14.0#

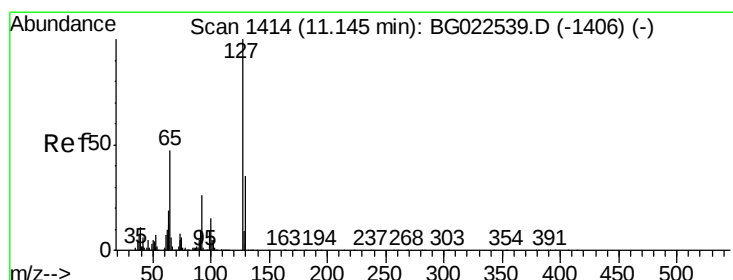
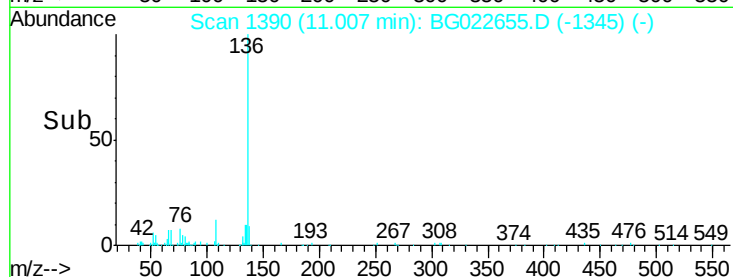
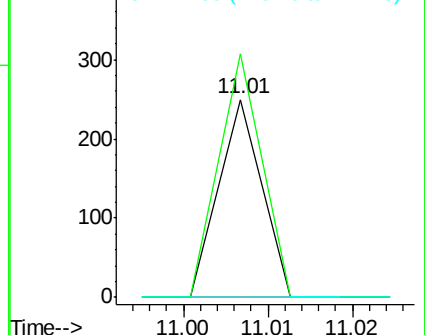
127 0.0 11.3 16.9#



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



#33

4-Chloroaniline

Concen: 0.01 ng

RT: 11.12 min Scan# 1409

Delta R.T. -0.03 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Tgt Ion:127 Resp: 64

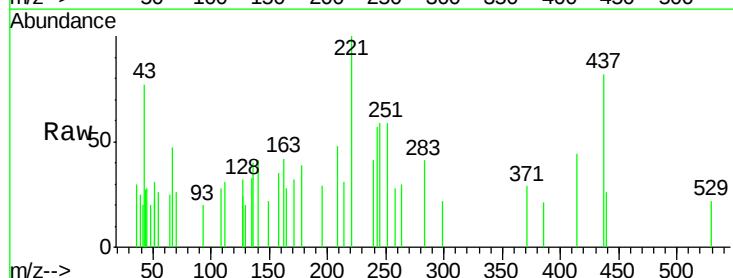
Ion Ratio Lower Upper

127 100

129 84.0 27.9 41.9#

65 106.6 36.8 55.2#

92 0.0 21.0 31.6#

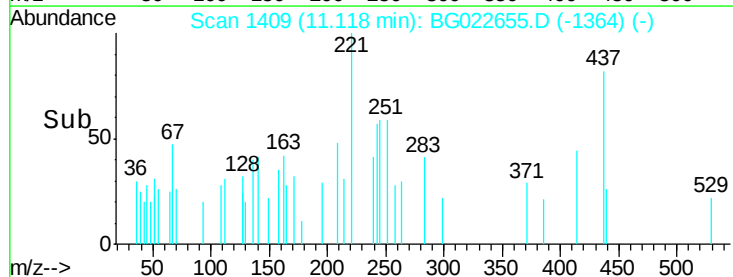
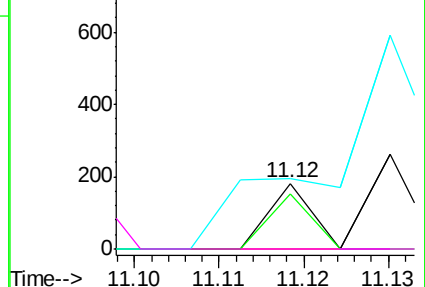


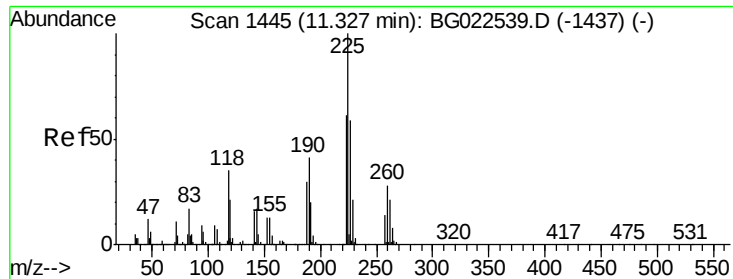
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 0.01 ng

RT: 11.38 min Scan# 1453

Delta R.T. 0.05 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

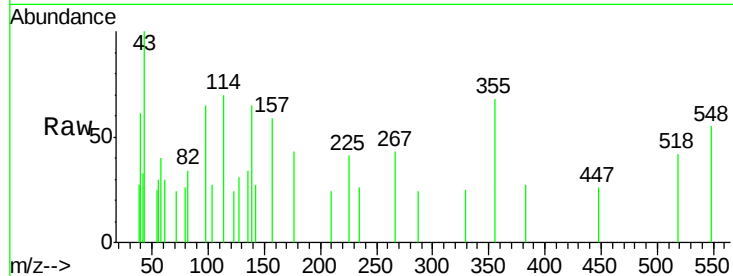
Tot Ion:225 Resp: 99

Ion Ratio Lower Upper

225 100

223 0.0 49.6 74.4#

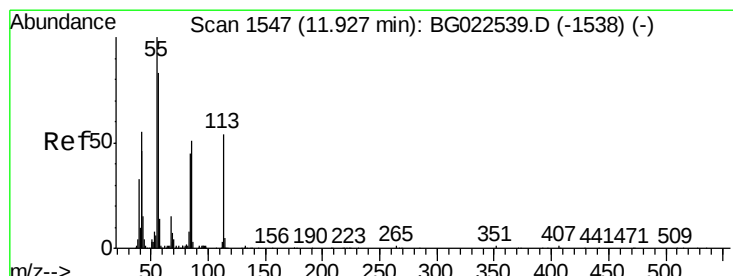
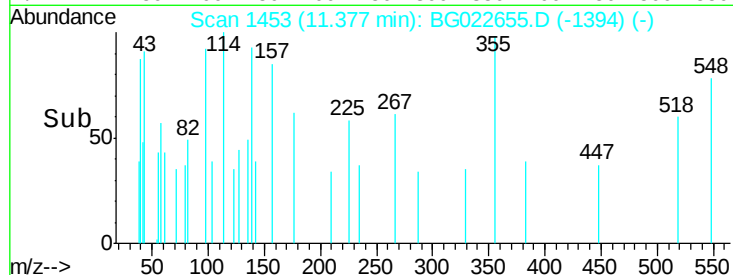
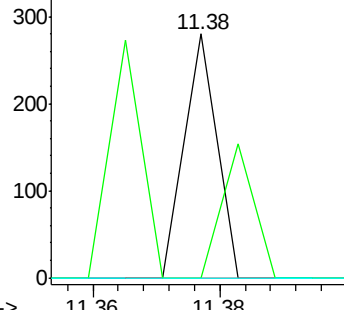
227 0.0 54.5 81.7#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 0.05 ng

RT: 11.87 min Scan# 1537

Delta R.T. -0.03 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

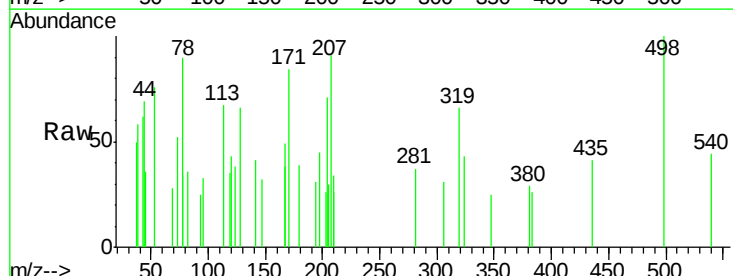
Tgt Ion:113 Resp: 149

Ion Ratio Lower Upper

113 100

55 0.0 154.5 194.5#

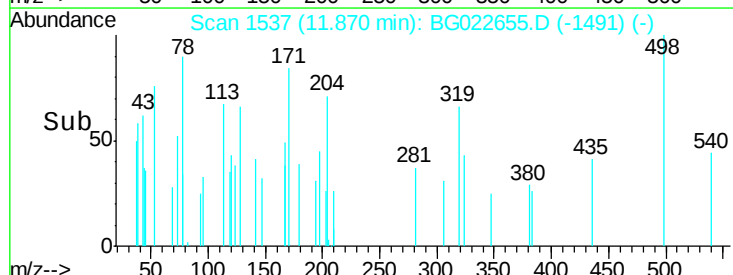
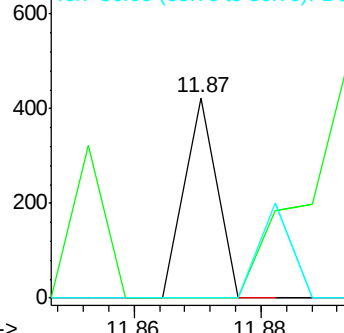
56 0.0 125.1 165.1#

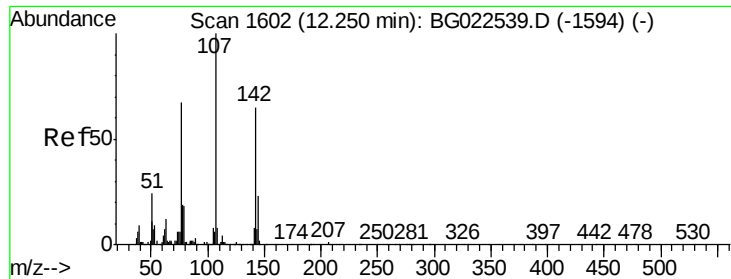


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

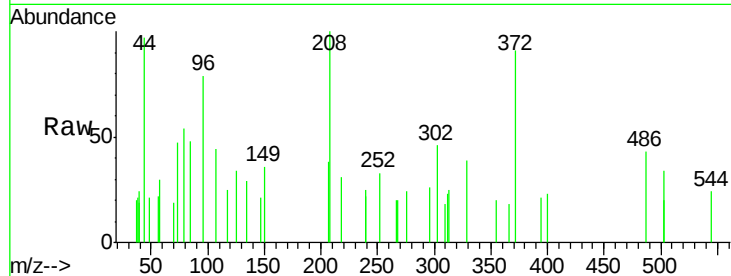




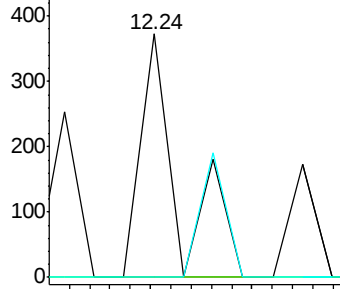
#36
4-Chloro-3-methylphenol
Concen: 0.02 ng
RT: 12.24 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Instrument :
BNA_G
ClientSampled :
PB91542BL

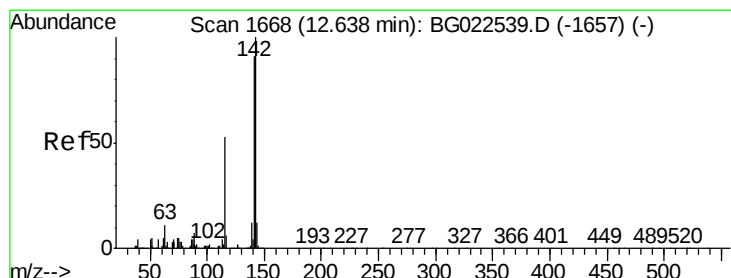
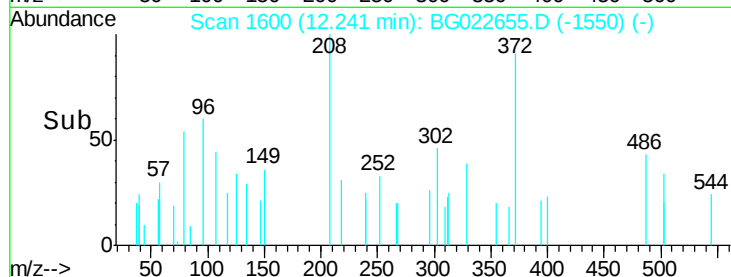
Tot Ion:107 Resp: 195
Ion Ratio Lower Upper
107 100
144 0.0 17.0 25.6#
142 0.0 53.0 79.6#



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

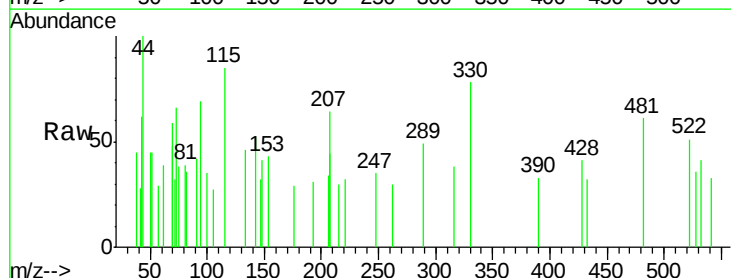


Time-->

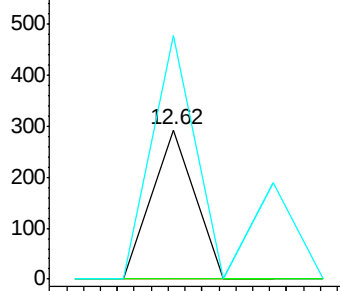


#37
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.62 min Scan# 1664
Delta R.T. -0.02 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

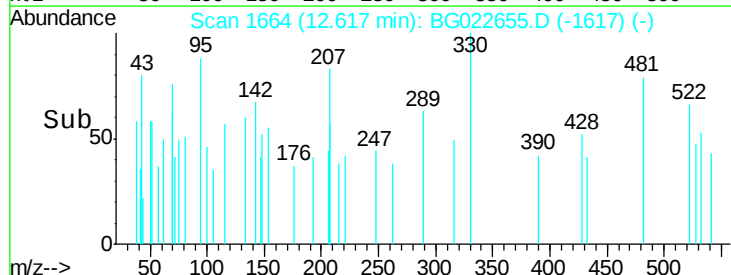
Tgt Ion:142 Resp: 103
Ion Ratio Lower Upper
142 100
141 0.0 70.2 105.2#
115 162.8 41.7 62.5#

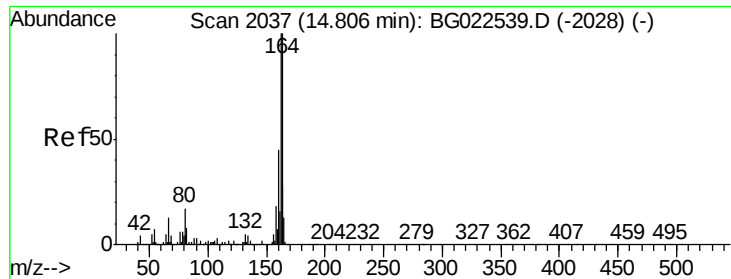


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

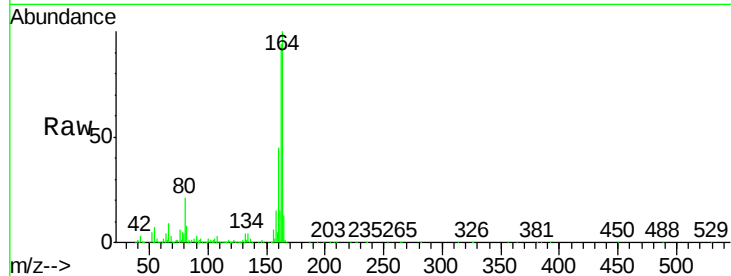
Tot Ion:164 Resp: 417871

Ion Ratio Lower Upper

164 100

162 94.0 87.7 131.5

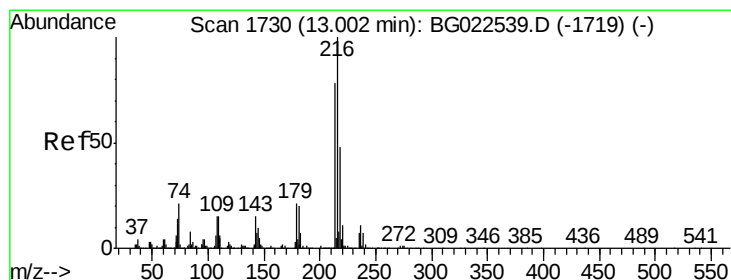
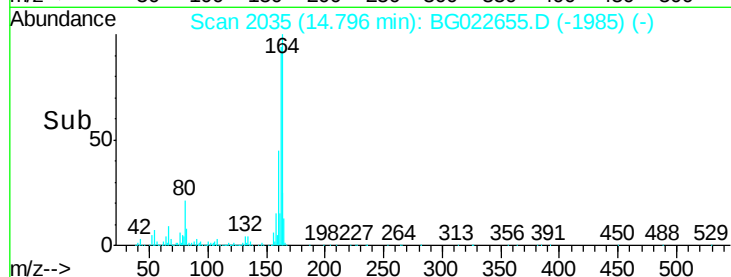
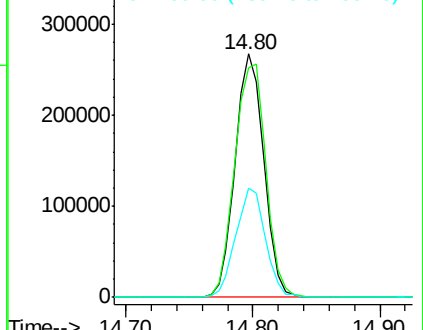
160 44.9 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.00 ng

RT: 13.05 min Scan# 1737

Delta R.T. 0.05 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Tgt Ion:216 Resp: 56

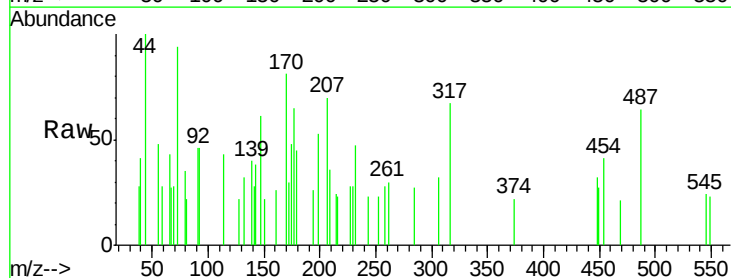
Ion Ratio Lower Upper

216 100

214 150.0 62.9 94.3#

179 330.4 17.2 25.8#

108 180.4 16.3 24.5#

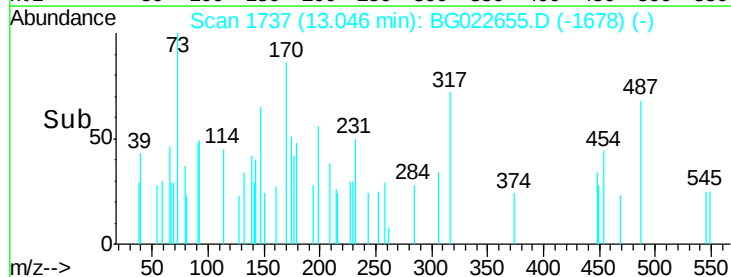
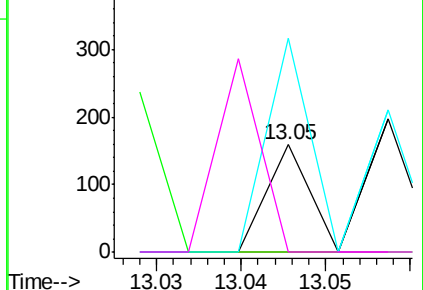


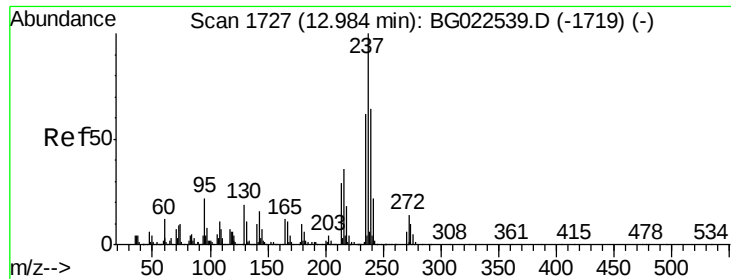
Abundance Ion 216.00 (215.70 to 216.70): E

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

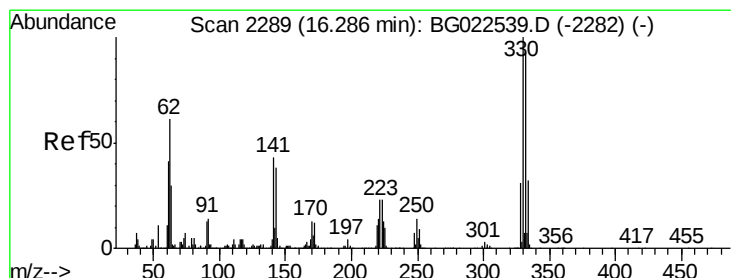
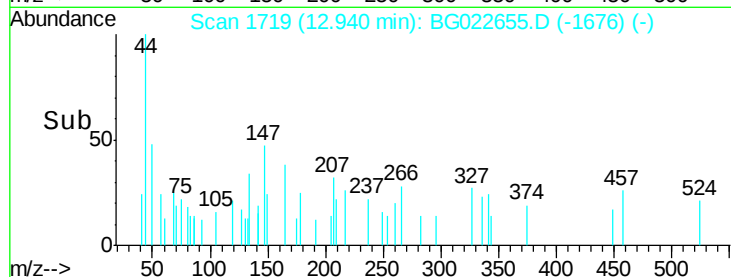
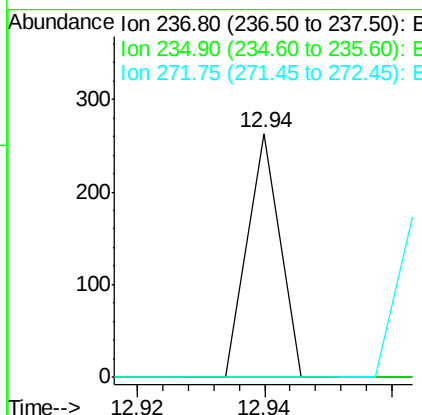
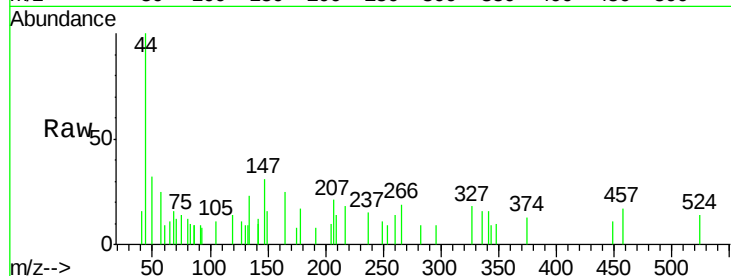




#40
Hexachlorocyclopentadiene
Concen: 0.01 ng
RT: 12.94 min Scan# 1719
Delta R.T. -0.05 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

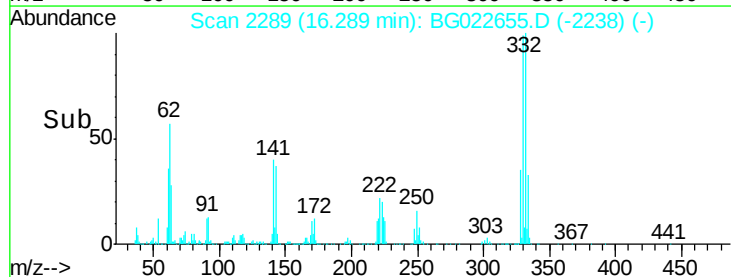
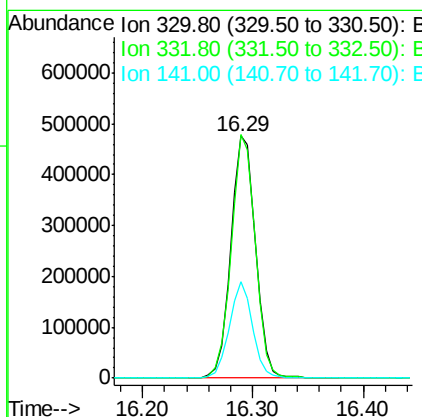
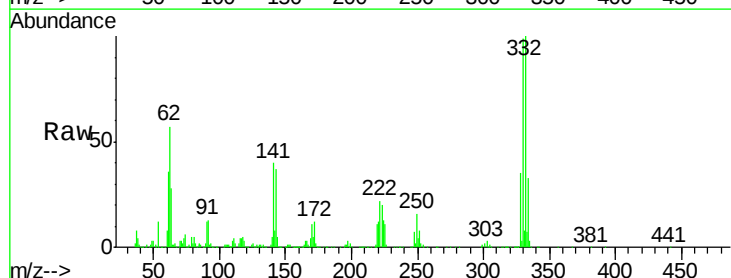
Instrument :
BNA_G
ClientSampleId :
PB91542BL

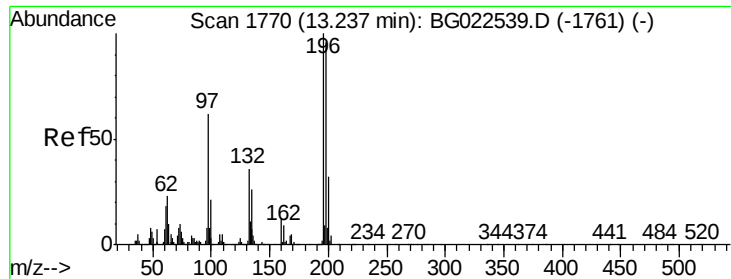
Tot Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



#41
2,4,6-Tribromophenol
Concen: 113.70 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	37.6	31.7	47.5

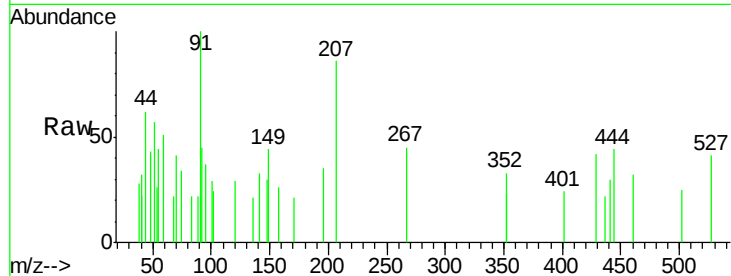




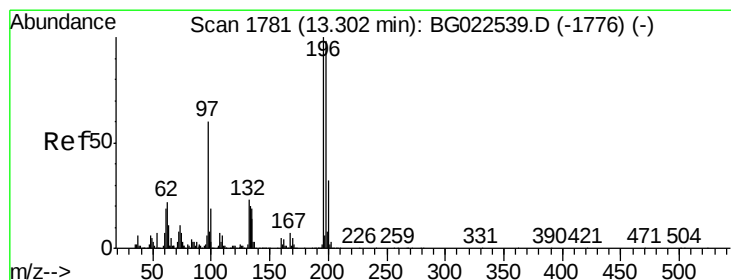
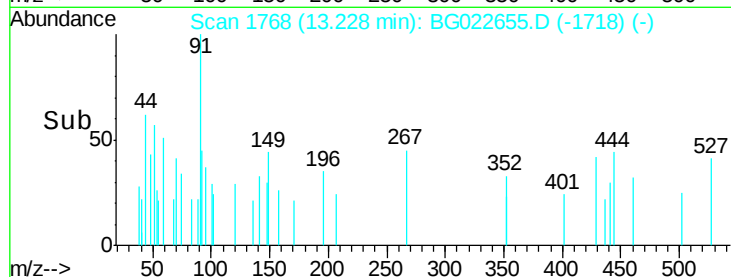
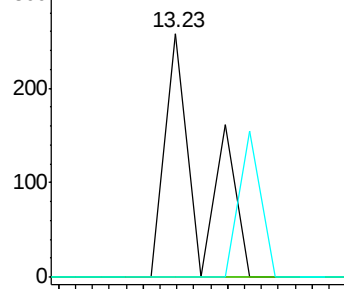
#42
2,4,6-Trichlorophenol
Concen: 0.01 ng
RT: 13.23 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
PB91542BL

Tot Ion:196 Resp: 148
Ion Ratio Lower Upper
196 100
198 0.0 78.2 117.2#
200 0.0 27.0 40.4#

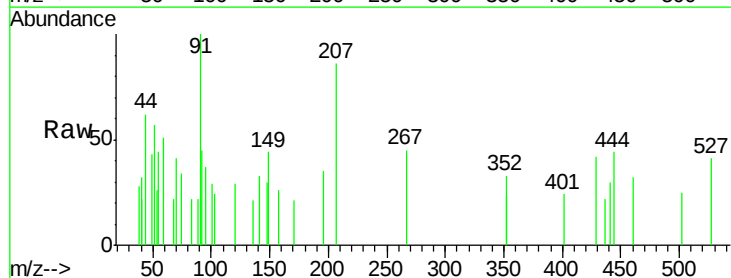


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

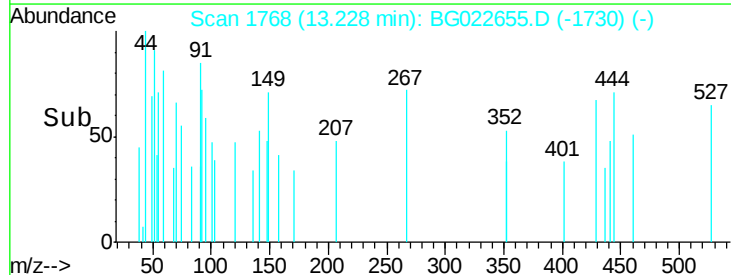
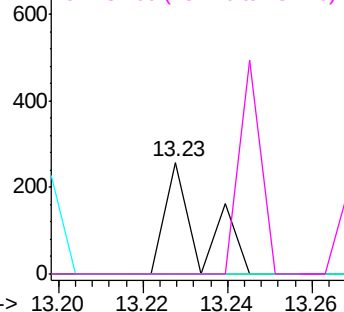


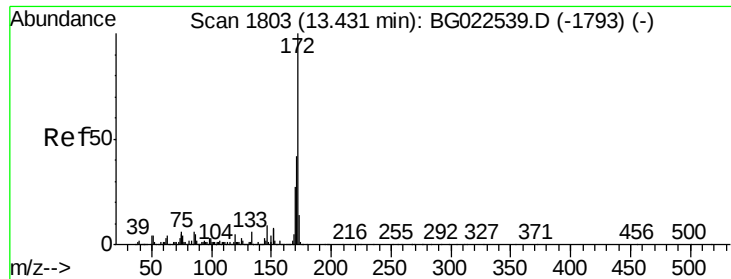
#43
2,4,5-Trichlorophenol
Concen: 0.01 ng
RT: 13.23 min Scan# 1768
Delta R.T. -0.07 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:196 Resp: 148
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#



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

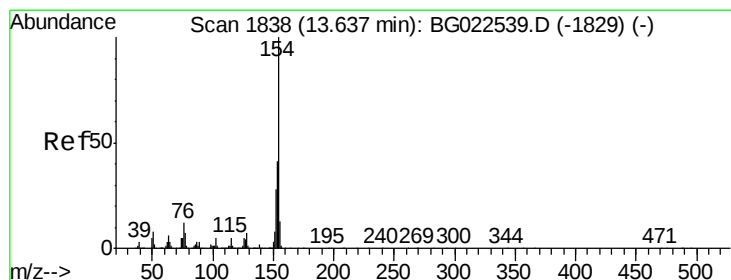
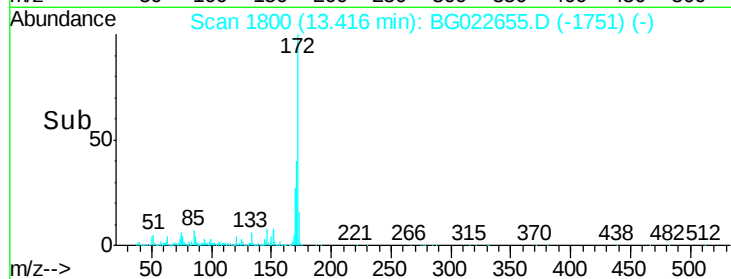
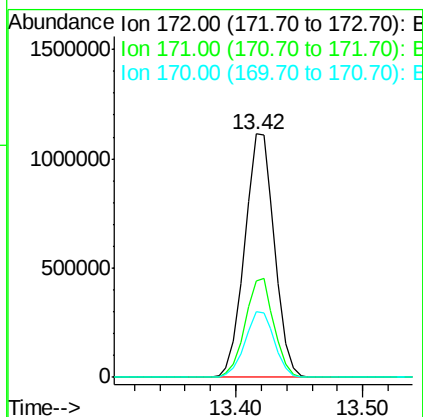
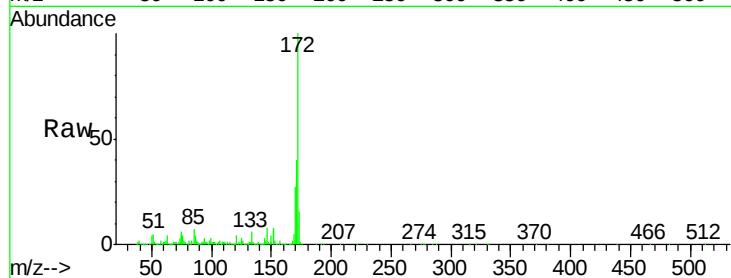




#44
2-Fluorobiphenyl
Concen: 68.60 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

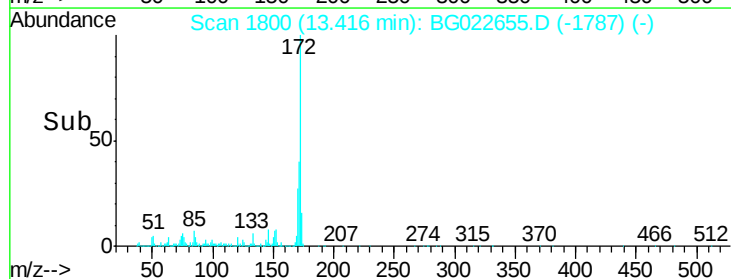
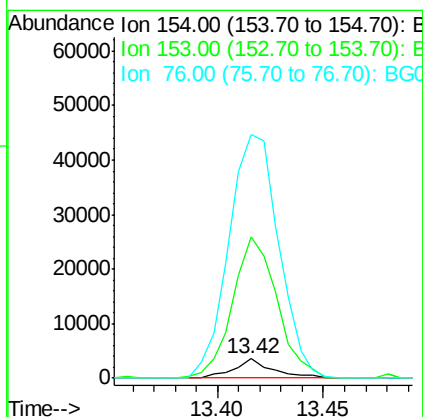
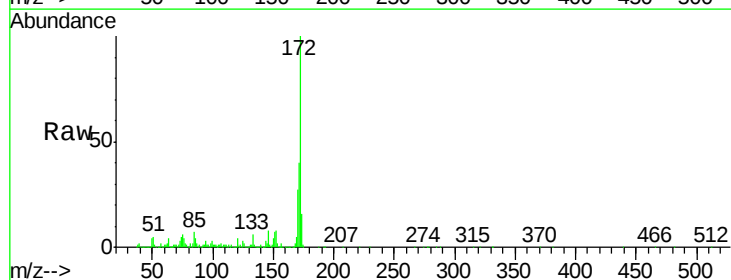
Instrument :
BNA_G
ClientSampled :
PB91542BL

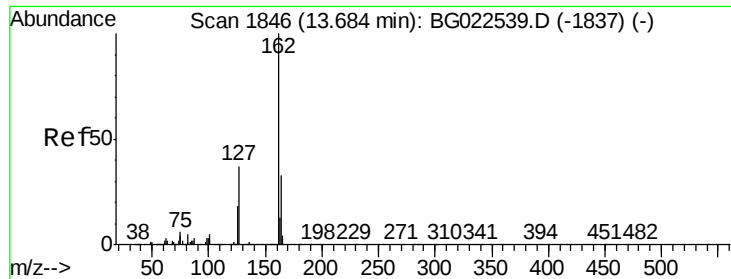
Tot Ion:172 Resp: 1807482
Ion Ratio Lower Upper
172 100
171 39.6 31.6 47.4
170 26.9 21.3 31.9



#45
1,1'-Biphenyl
Concen: 0.14 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.22 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:154 Resp: 4500
Ion Ratio Lower Upper
154 100
153 727.6 20.2 60.2#
76 1259.4 0.0 32.9#

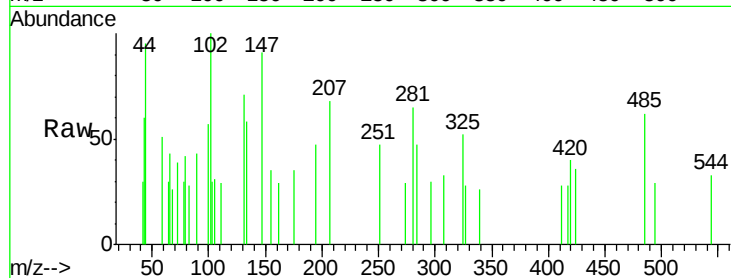




#46
2-Chloronaphthalene
Concen: 0.00 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
PB91542BL

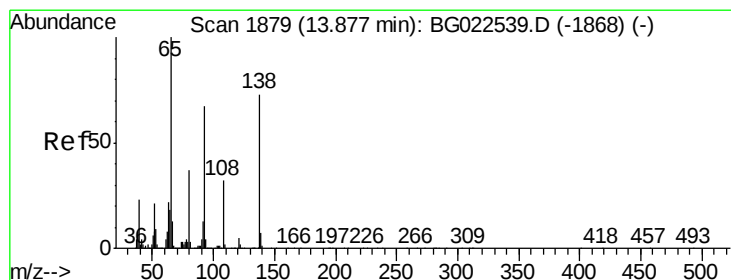
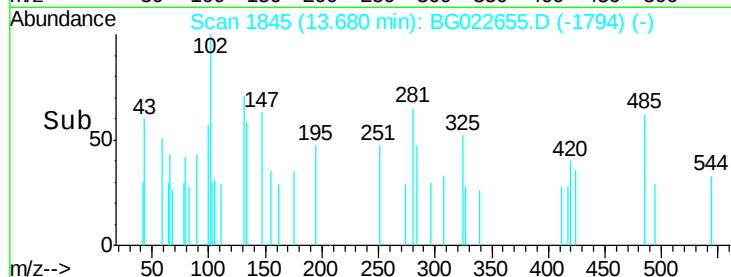
Tot Ion: 162 Resp: 59
Ion Ratio Lower Upper
162 100
127 0.0 32.4 48.6#
164 0.0 25.2 37.8#



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

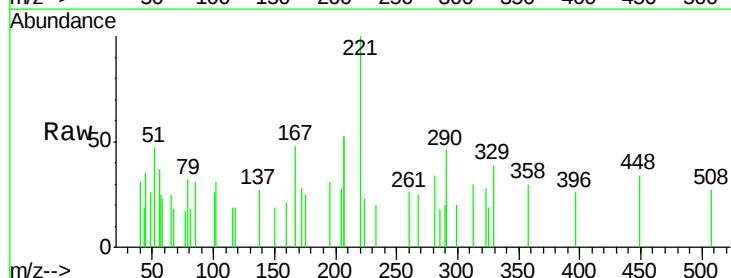
13.68

Time--> 13.66 13.68



#47
2-Nitroaniline
Concen: 0.01 ng
RT: 13.89 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

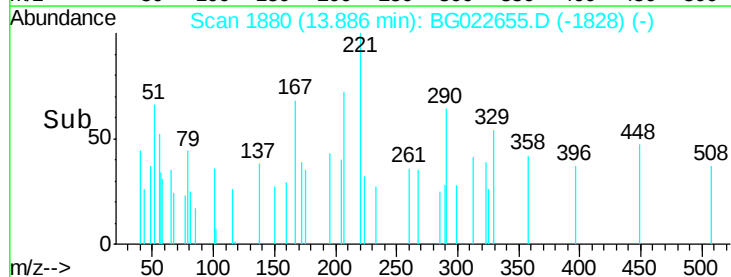
Tgt Ion: 65 Resp: 82
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.0#
138 0.0 58.0 87.0#

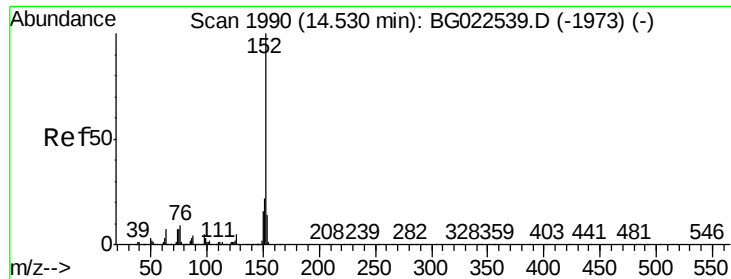


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E

13.89

Time--> 13.88 13.89 13.90





#48

Acenaphthylene

Concen: 0.00 ng

RT: 14.51 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

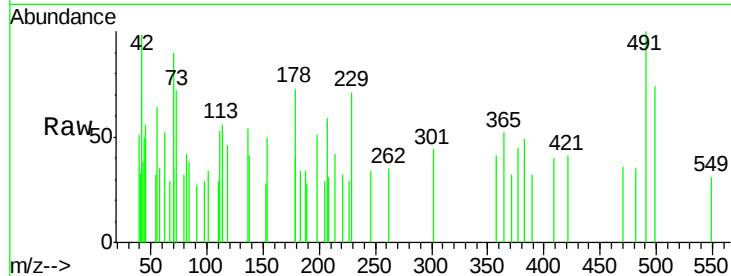
Tot Ion:152 Resp: 57

Ion Ratio Lower Upper

152 100

151 0.0 17.6 26.4#

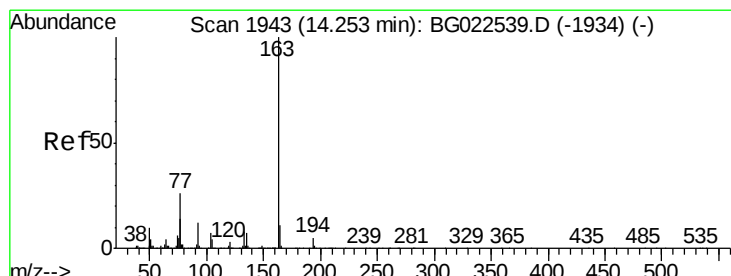
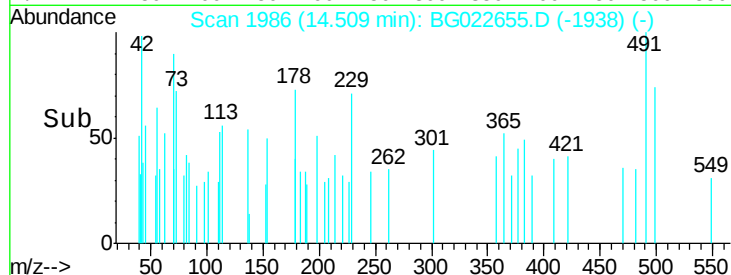
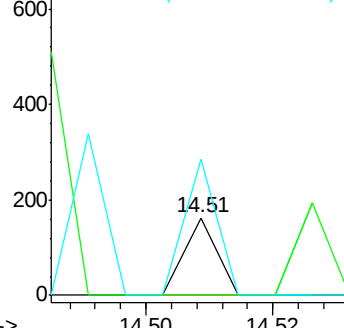
153 176.5 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.01 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.05 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

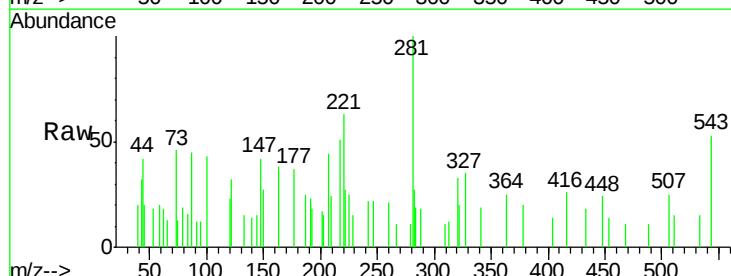
Tgt Ion:163 Resp: 186

Ion Ratio Lower Upper

163 100

194 0.0 3.6 5.4#

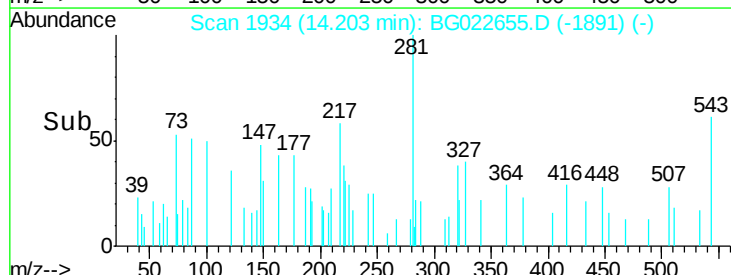
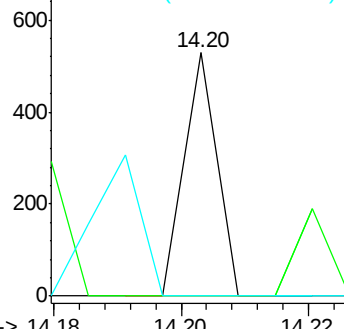
164 0.0 8.1 12.1#

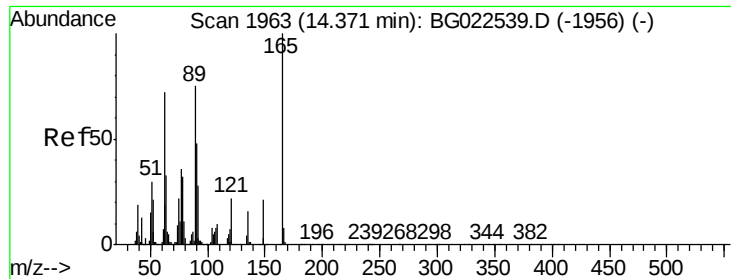


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 0.01 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

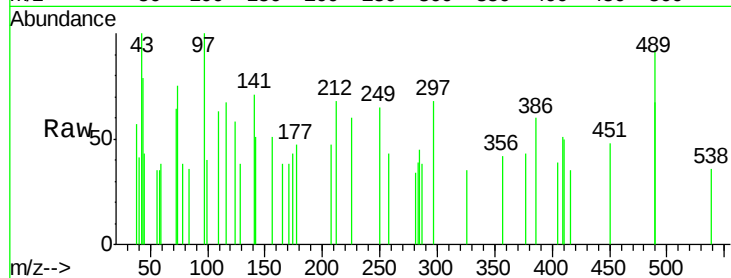
Tot Ion:165 Resp: 61

Ion Ratio Lower Upper

165 100

63 0.0 64.3 96.5#

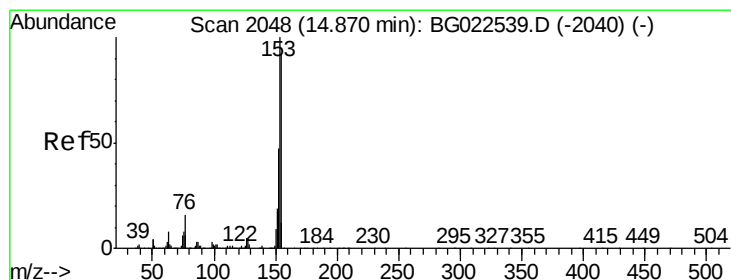
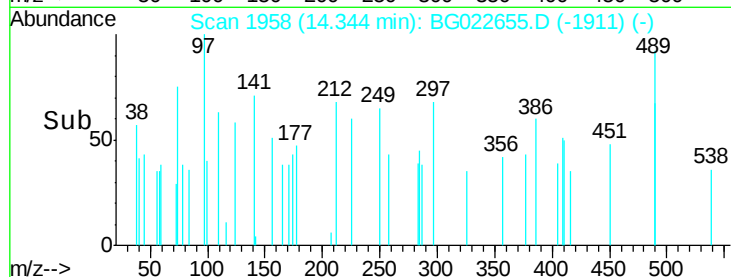
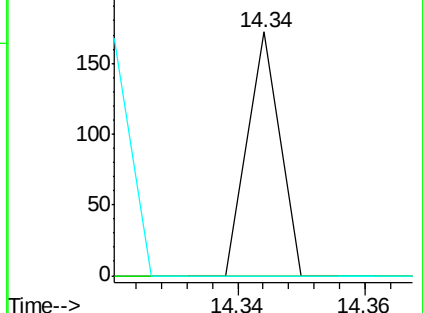
89 0.0 64.3 96.5#



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: 14.84 min Scan# 2042

Delta R.T. -0.03 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

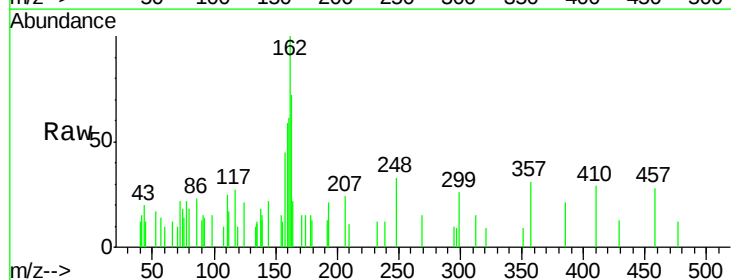
Tgt Ion:154 Resp: 84

Ion Ratio Lower Upper

154 100

153 0.0 87.5 131.3#

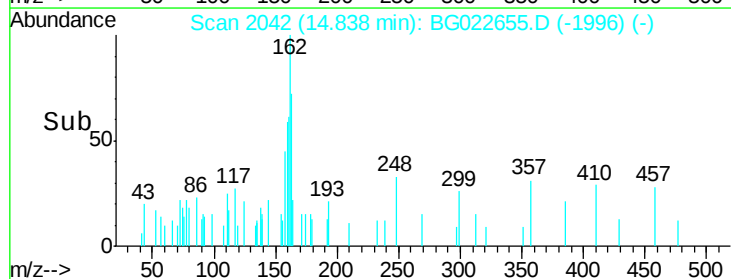
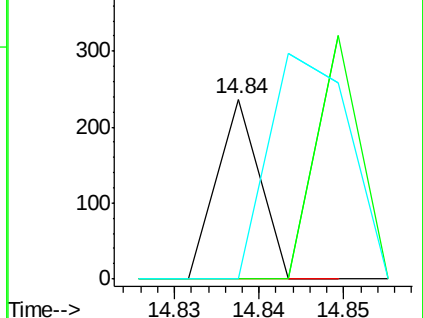
152 0.0 42.7 64.1#

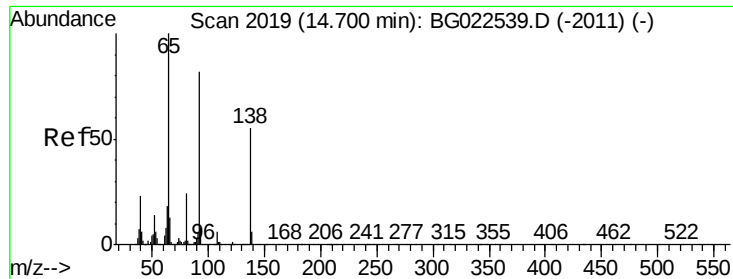


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

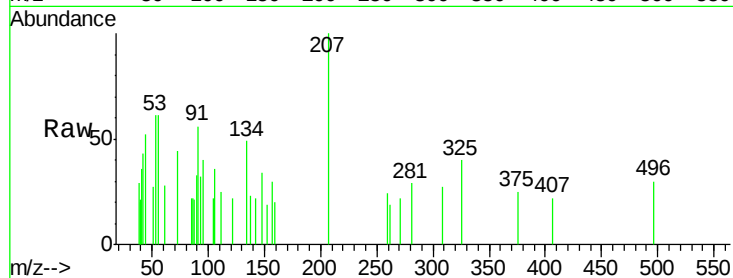




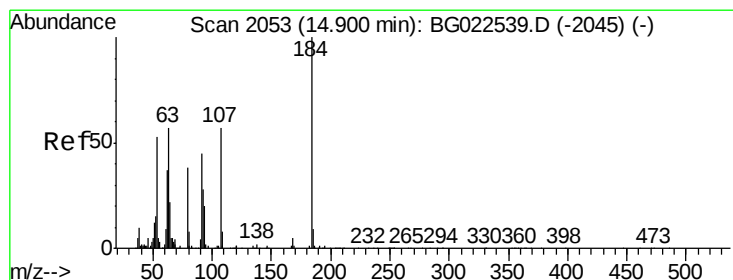
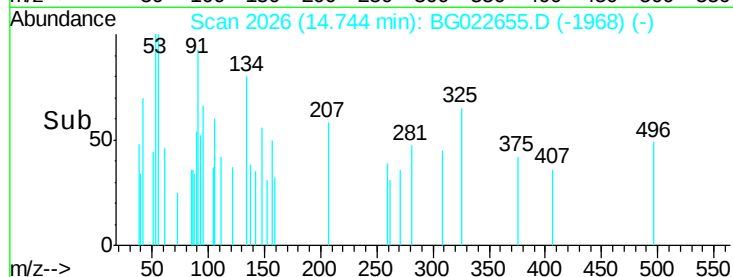
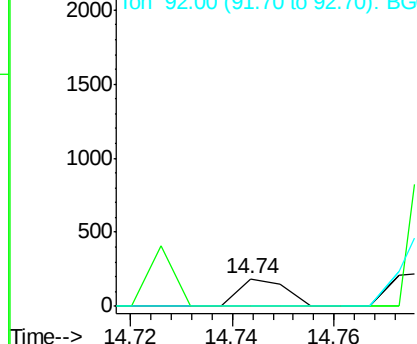
#52
3-Nitroaniline
Concen: 0.02 ng
RT: 14.74 min Scan# 2026
Delta R.T. 0.04 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Instrument :
BNA_G
ClientSampled :
PB91542BL

Tot Ion:138 Resp: 119
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 129.7 194.5#

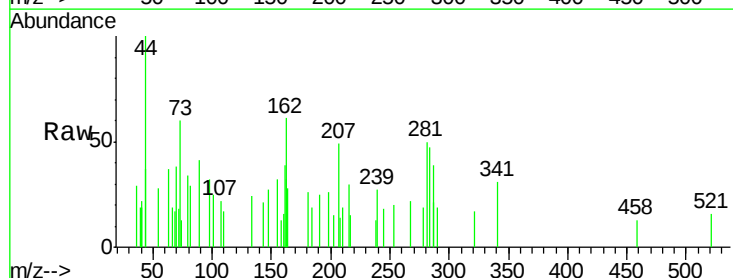


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

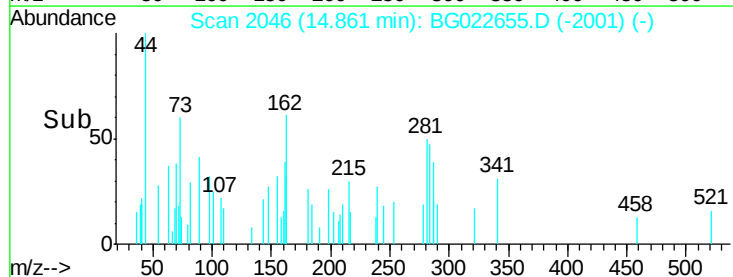
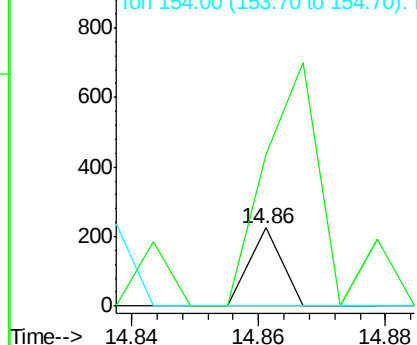


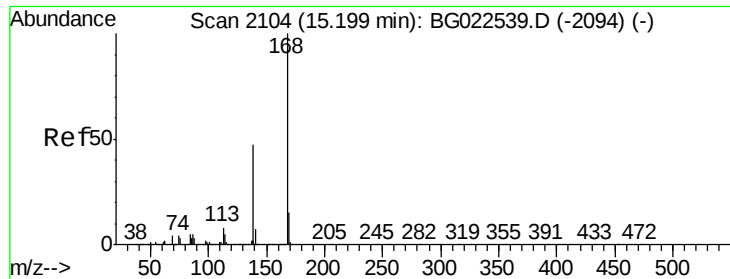
#53
2,4-Dinitrophenol
Concen: 0.02 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.03 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 193.8 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

Dibenzenofuran

Concen: 0.01 ng

RT: 15.19 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampled :

PB91542BL

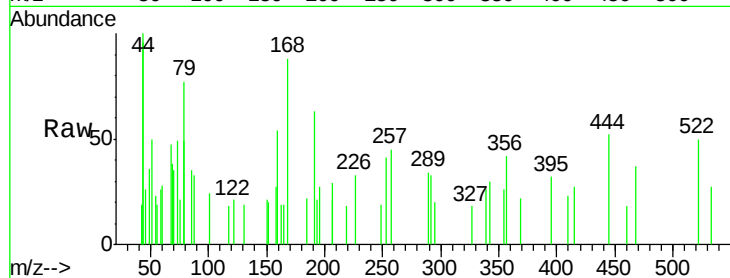
Tot Ion:168 Resp: 377

Ion Ratio Lower Upper

168 100

139 0.0 36.4 54.6#

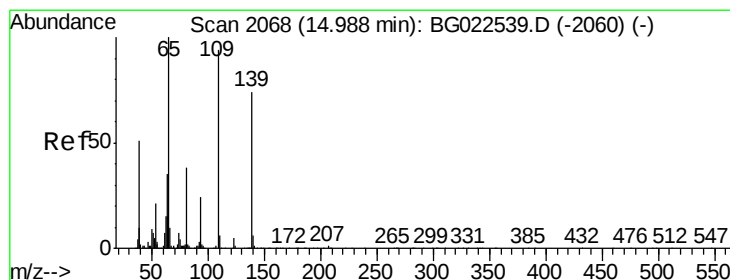
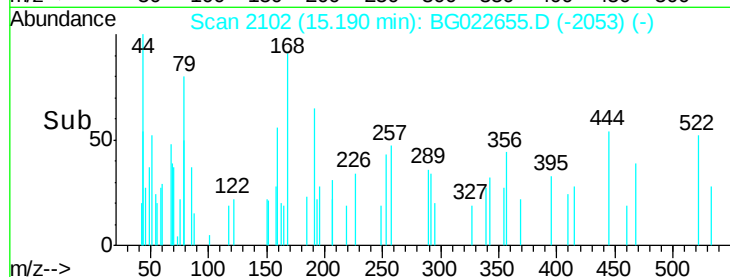
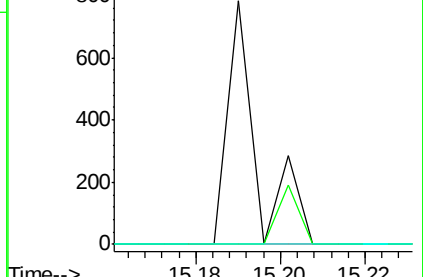
169 0.0 11.9 17.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.03 ng

RT: 14.98 min Scan# 2066

Delta R.T. -0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

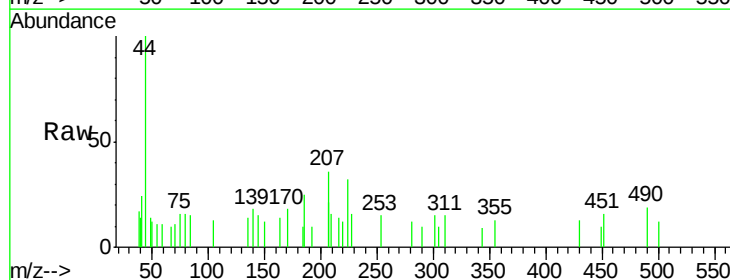
Tgt Ion:139 Resp: 167

Ion Ratio Lower Upper

139 100

109 0.0 103.0 143.0#

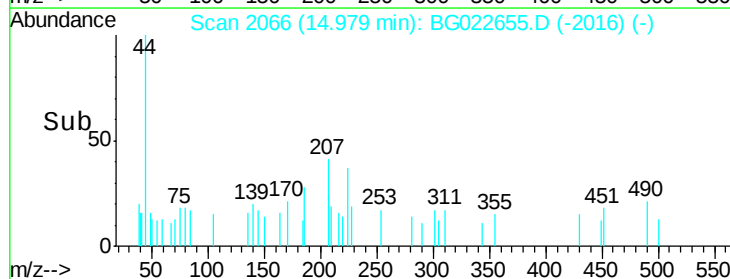
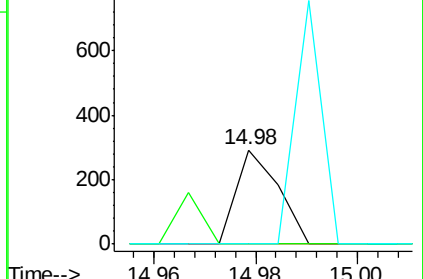
65 0.0 112.7 152.7#

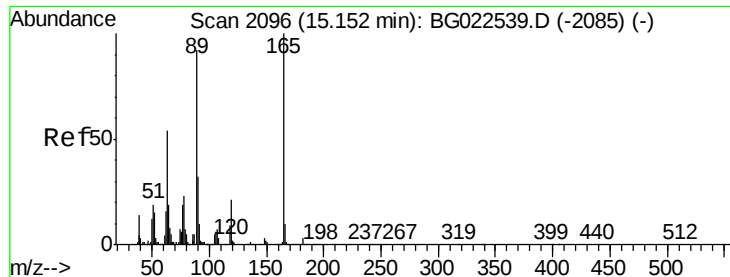


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

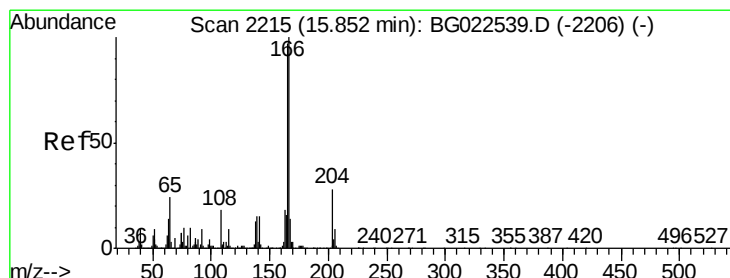
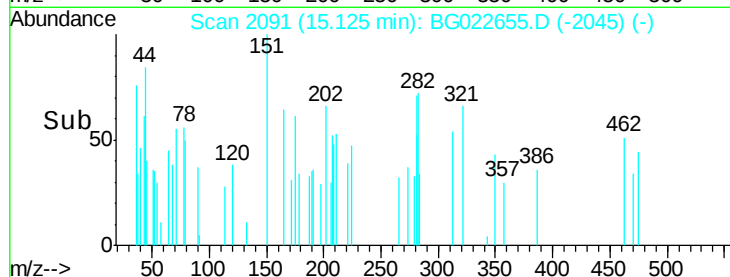
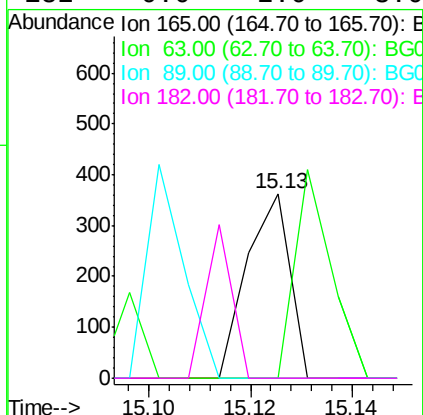
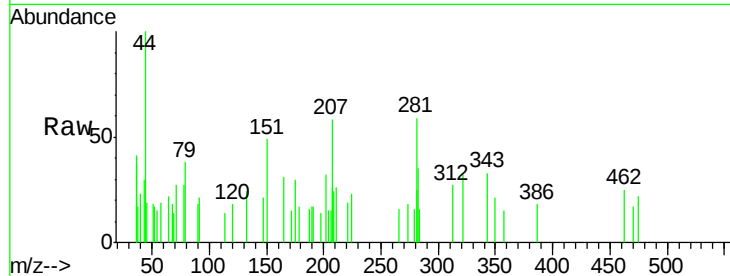




#56
2,4-Dinitrotoluene
Concen: 0.02 ng
RT: 15.13 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

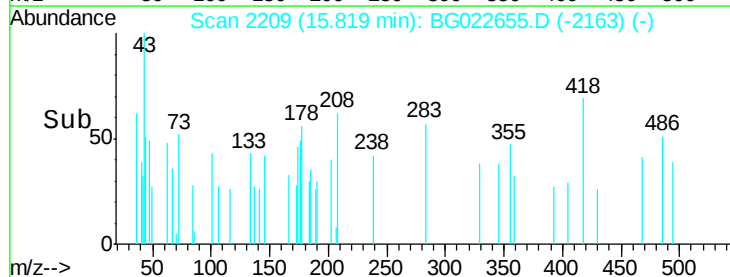
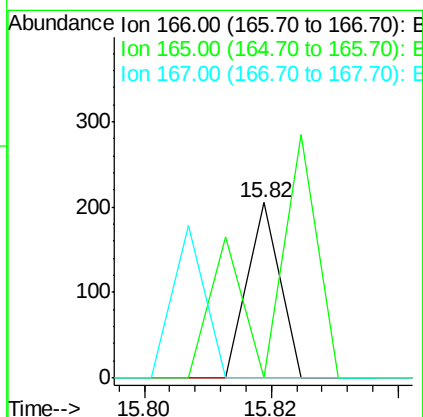
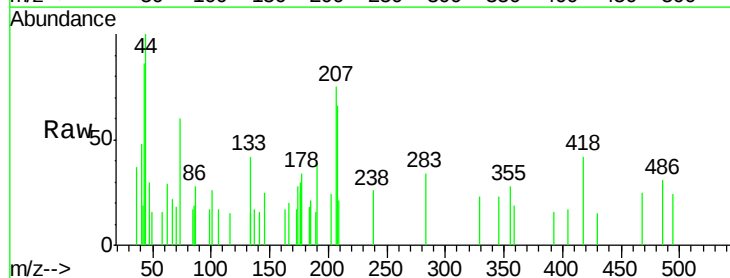
Instrument :
BNA_G
ClientSampleId :
PB91542BL

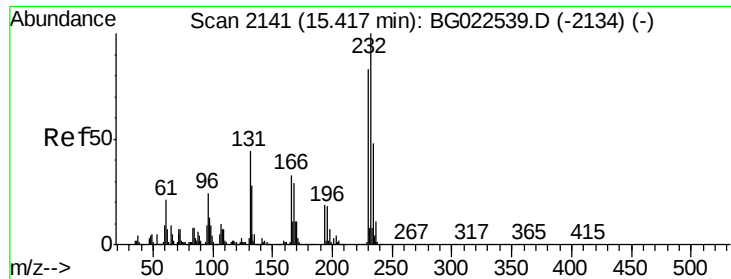
Tot Ion:165 Resp: 215
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.6#
89 0.0 68.6 102.8#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: 0.00 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:166 Resp: 72
Ion Ratio Lower Upper
166 100
165 0.0 81.0 121.6#
167 0.0 12.0 18.0#

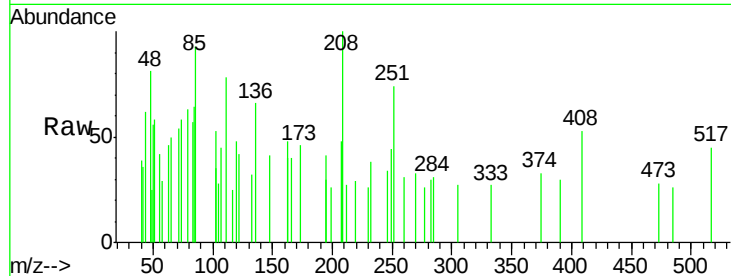




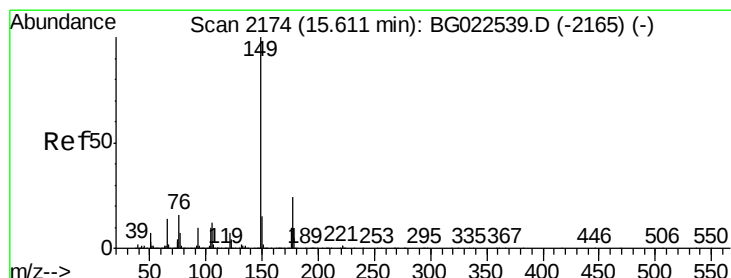
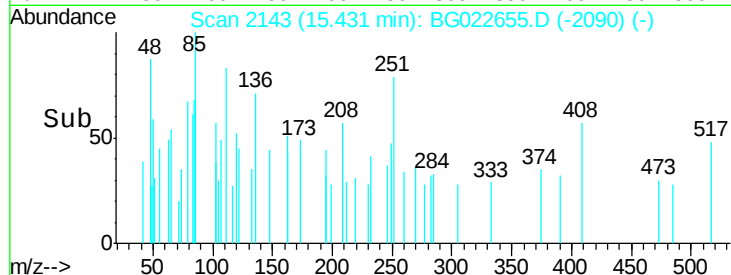
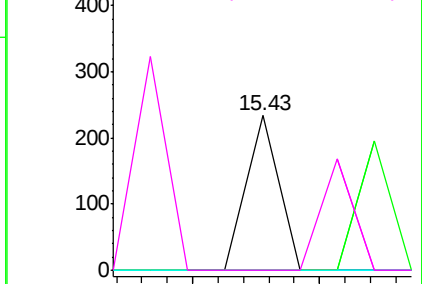
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.01 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG022655.D
 Acq: 27 Jun 2016 23:18

Instrument :
 BNA_G
 ClientSampleID :
 PB91542BL

Tot Ion:232 Resp: 82
 Ion Ratio Lower Upper
 232 100
 131 84.1 32.7 49.1#
 130 0.0 2.6 3.8#
 166 72.0 23.0 34.6#

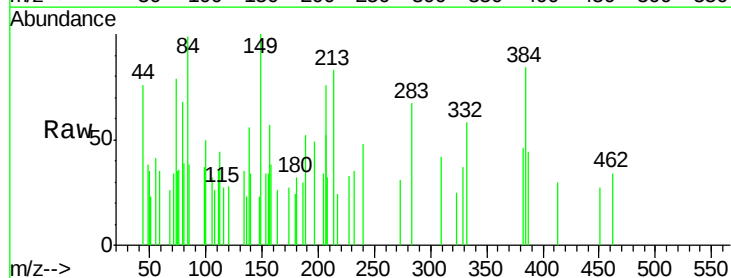


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

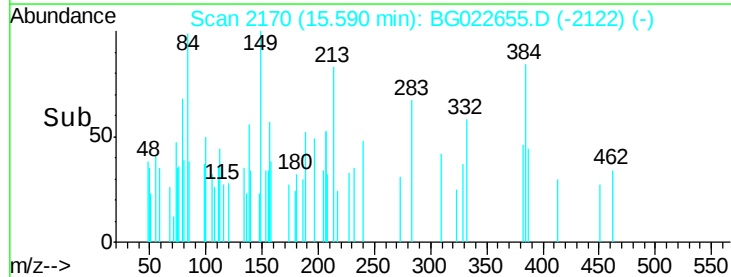
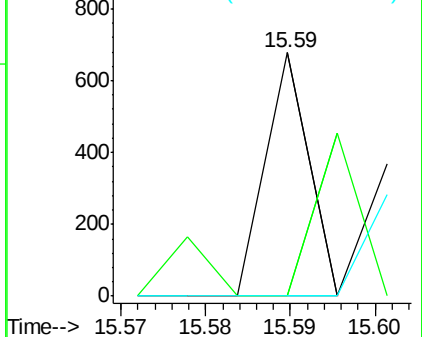


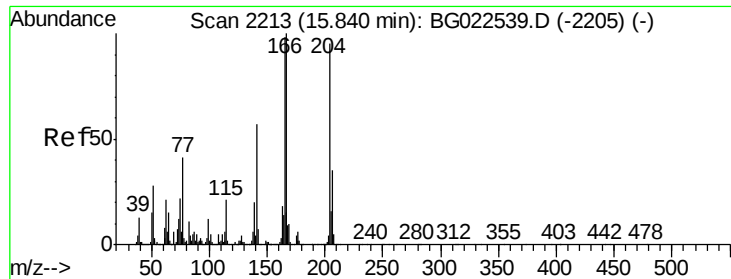
#59
 Diethylphthalate
 Concen: 0.01 ng
 RT: 15.59 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG022655.D
 Acq: 27 Jun 2016 23:18

Tgt Ion:149 Resp: 239
 Ion Ratio Lower Upper
 149 100
 177 0.0 19.2 28.8#
 150 0.0 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

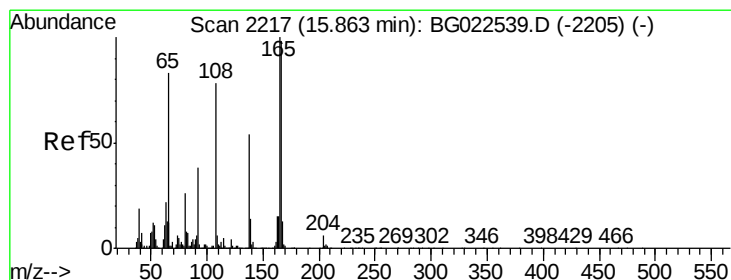
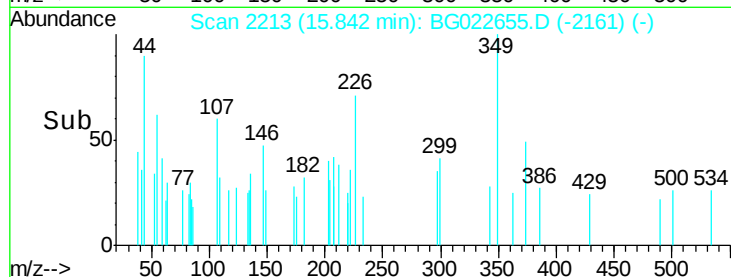
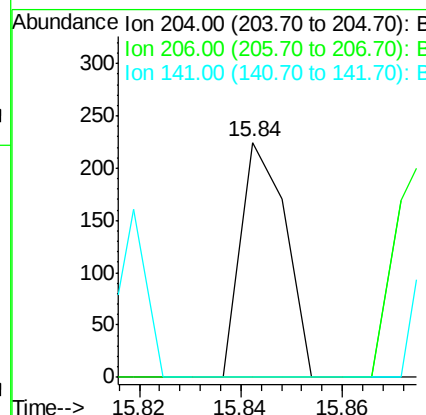
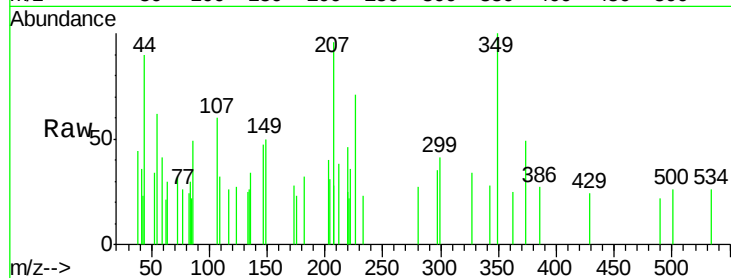




#60
4-Chlorophenyl-phenylether
Concen: 0.01 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

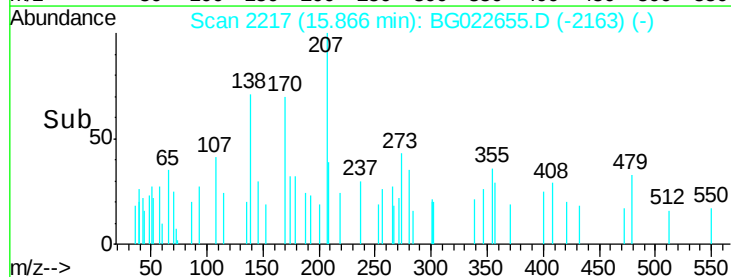
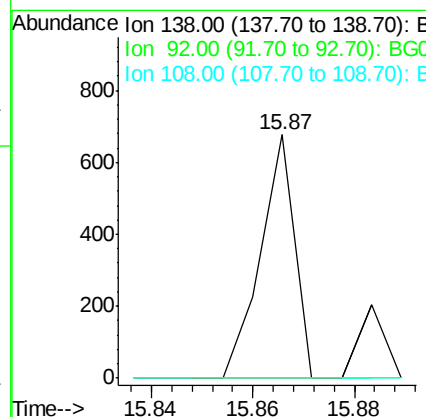
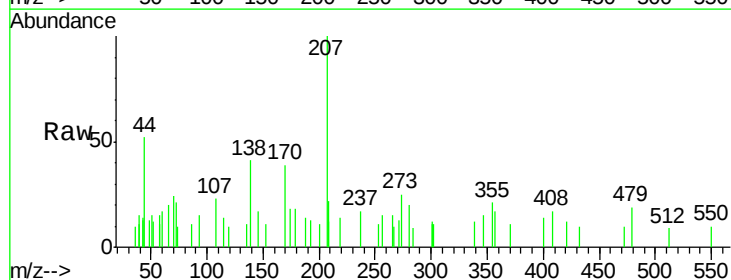
Instrument :
BNA_G
ClientSampleId :
PB91542BL

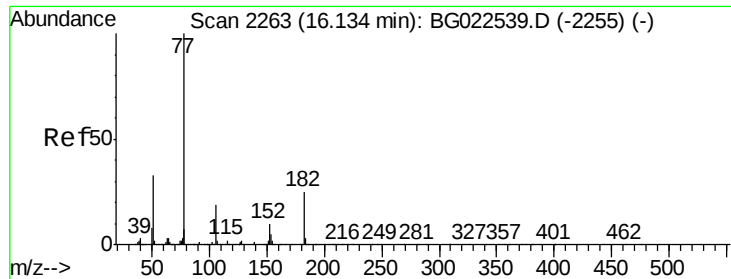
Tot Ion:204 Resp: 140
Ion Ratio Lower Upper
204 100
206 0.0 28.5 42.7#
141 0.0 51.4 77.0#



#61
4-Nitroaniline
Concen: 0.04 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:138 Resp: 319
Ion Ratio Lower Upper
138 100
92 0.0 54.1 94.1#
108 0.0 133.9 173.9#





#62

Azobenzene

Concen: 0.01 ng

RT: 16.09 min Scan# 2255

Delta R.T. -0.04 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

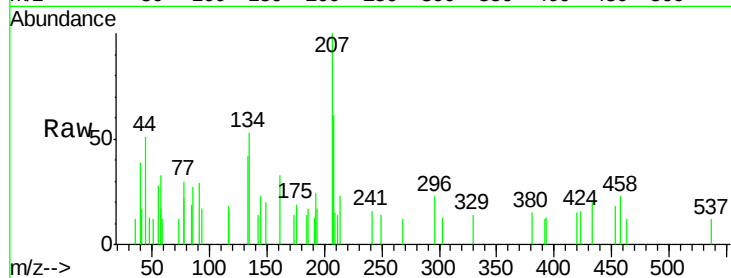
BNA_G

ClientSampleId :

PB91542BL

Tot Ion: 77 Resp: 193

Ion	Ratio	Lower	Upper
77	100		
182	0.0	3.5	43.5#
105	0.0	0.0	38.5
51	41.1	17.1	57.1

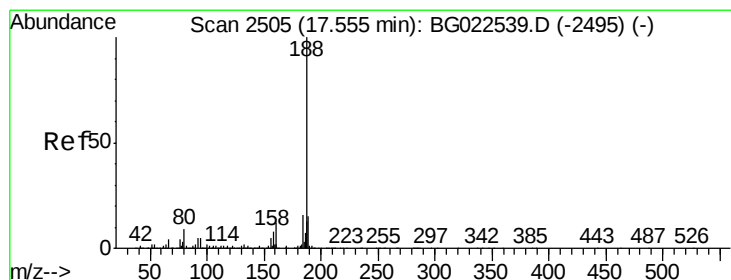
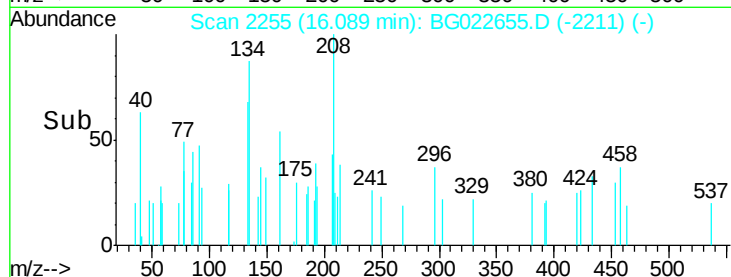
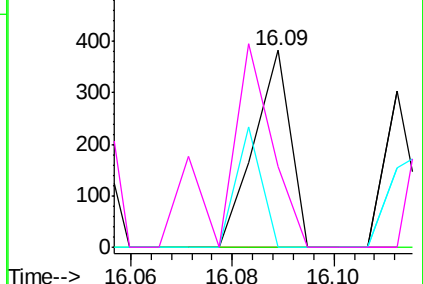


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

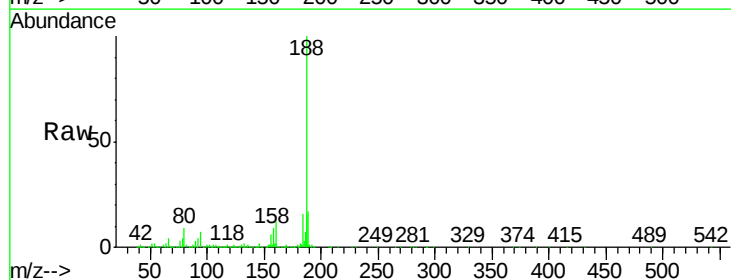
Delta R.T. 0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Tgt Ion: 188 Resp: 1149071

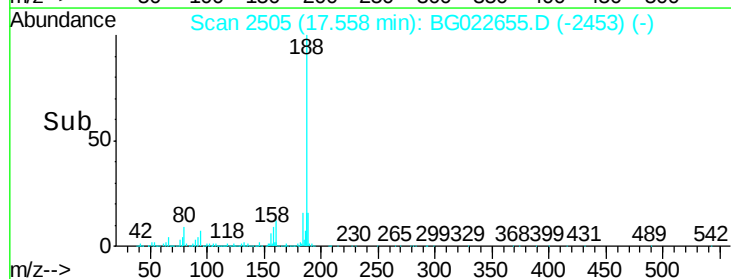
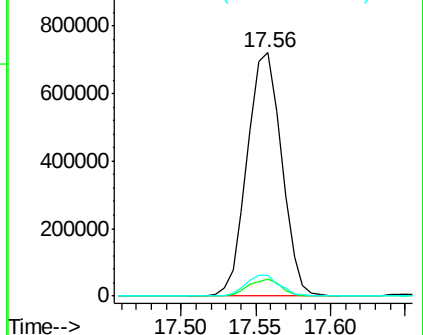
Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.2	7.8
80	8.8	7.2	10.8

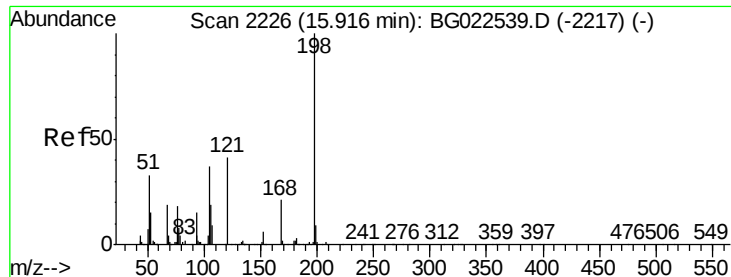


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

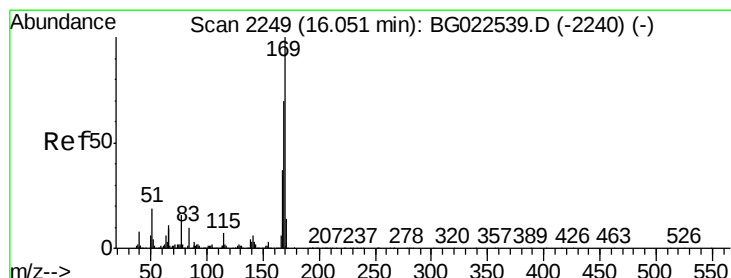
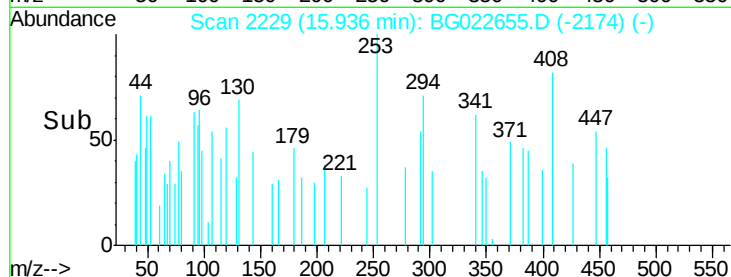
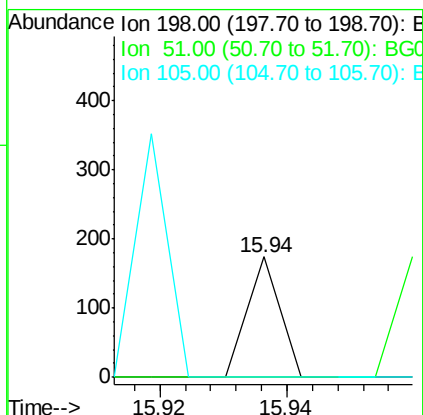
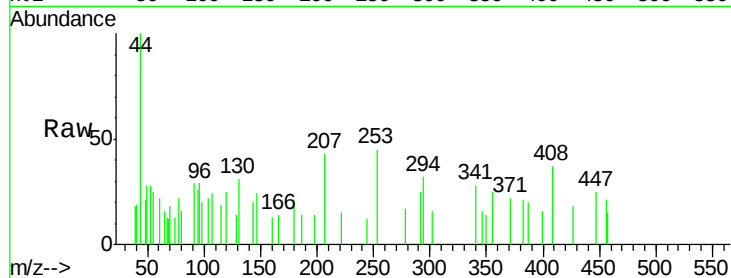




#64
4,6-Dinitro-2-methylphenol
Concen: 0.01 ng
RT: 15.94 min Scan# 2229
Delta R.T. 0.03 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

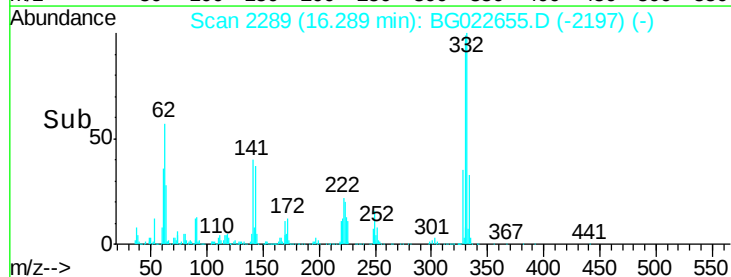
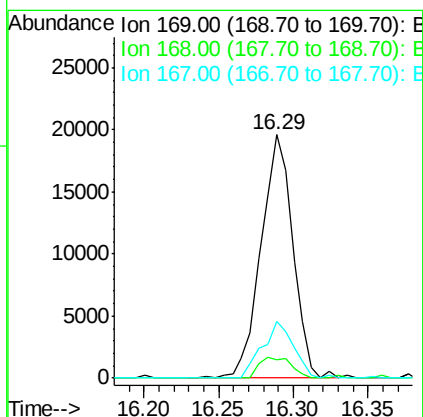
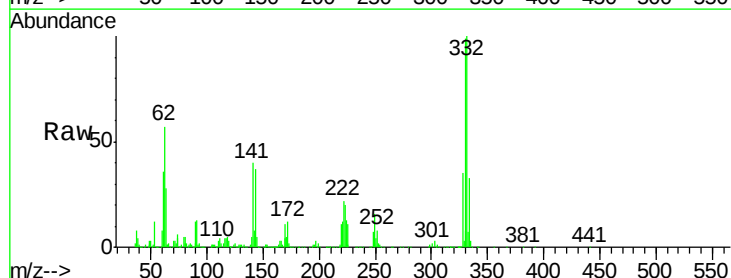
Instrument :
BNA_G
ClientSampleId :
PB91542BL

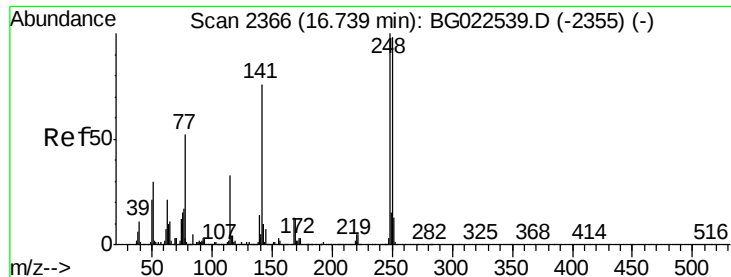
Tot Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 0.0 26.0 66.0#
105 0.0 20.1 60.1#



#65
n-Nitrosodiphenylamine
Concen: 0.86 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.24 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:169 Resp: 28876
Ion Ratio Lower Upper
169 100
168 7.3 55.0 82.4#
167 23.5 27.4 41.0#

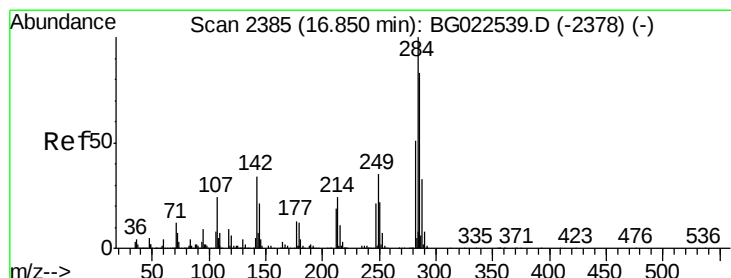
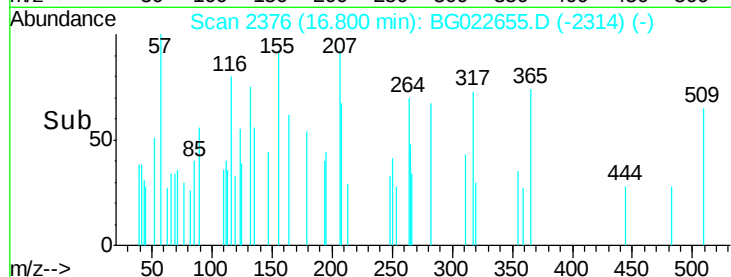
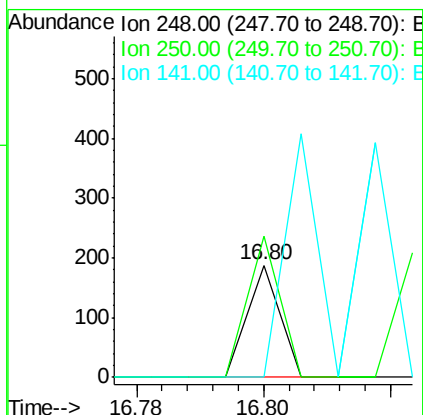
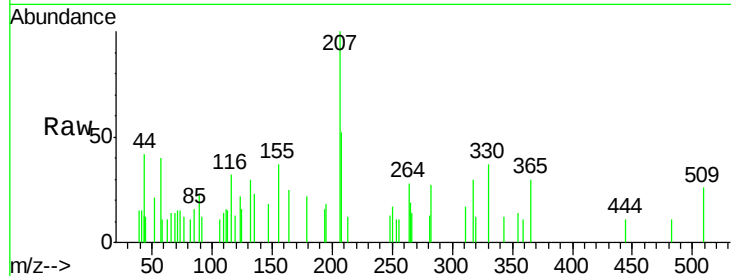




#66
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.80 min Scan# 2376
Delta R.T. 0.07 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

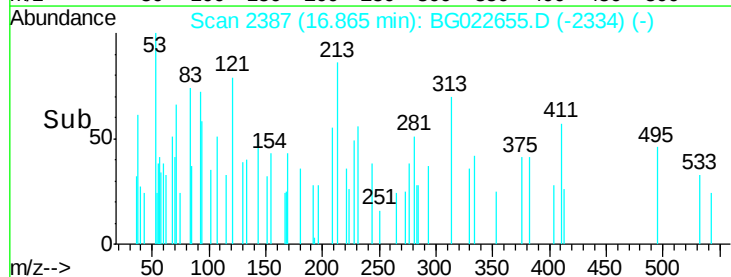
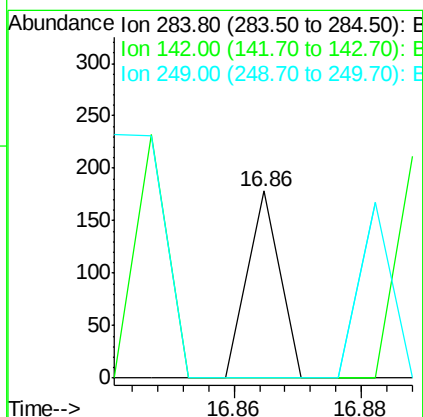
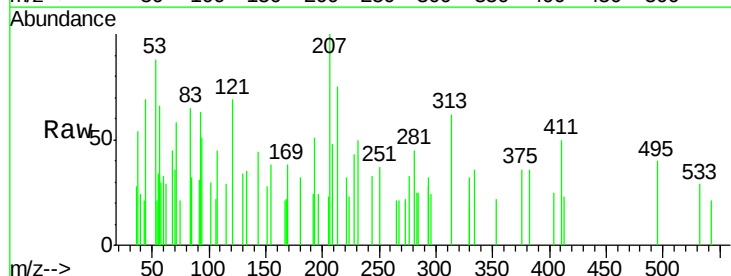
Instrument :
BNA_G
ClientSampled :
PB91542BL

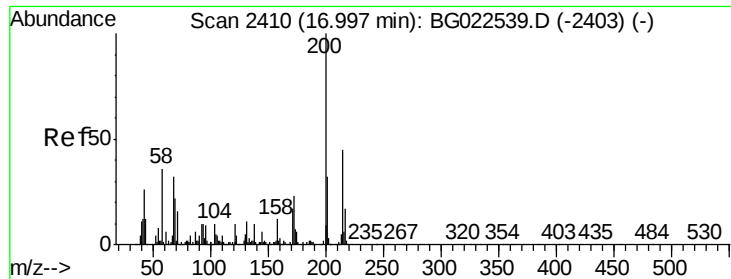
Tot Ion:248 Resp: 66
Ion Ratio Lower Upper
248 100
250 125.5 77.8 116.8#
141 0.0 65.7 98.5#



#67
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.86 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:284 Resp: 63
Ion Ratio Lower Upper
284 100
142 0.0 26.8 40.2#
249 0.0 28.9 43.3#





#68

Atrazine

Concen: 0.01 ng

RT: 16.99 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampled :

PB91542BL

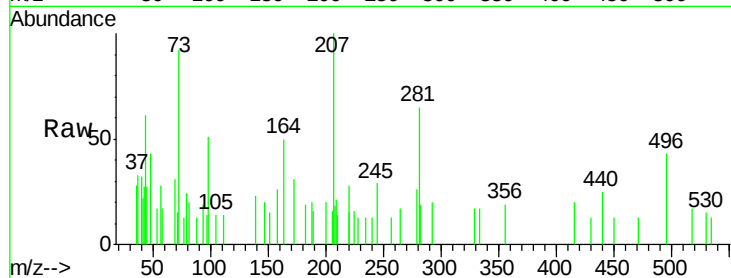
Tot Ion:200 Resp: 148

Ion Ratio Lower Upper

200 100

173 155.5 1.6 41.6#

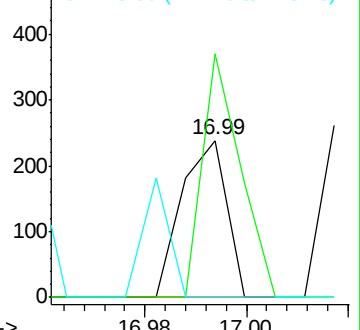
215 0.0 28.7 68.7#



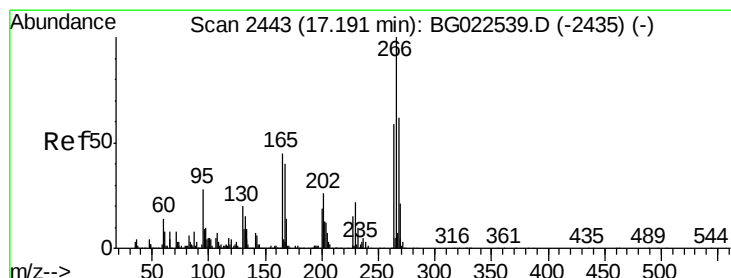
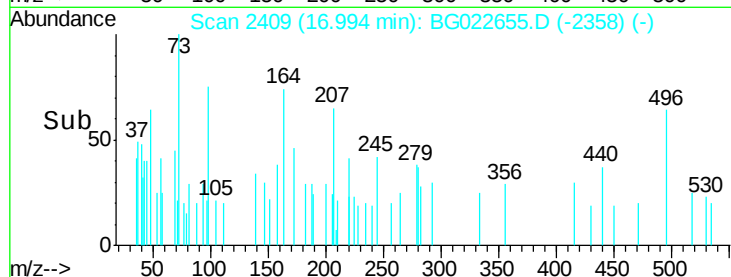
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#69

Pentachlorophenol

Concen: 0.02 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

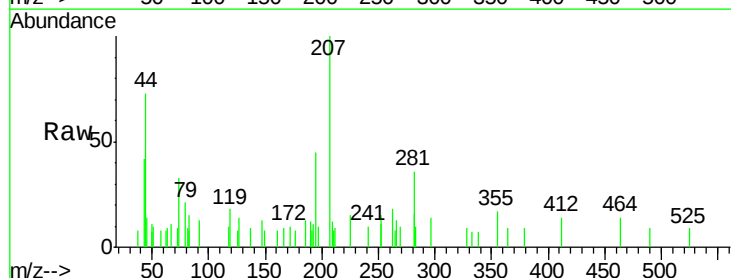
Tgt Ion:266 Resp: 179

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

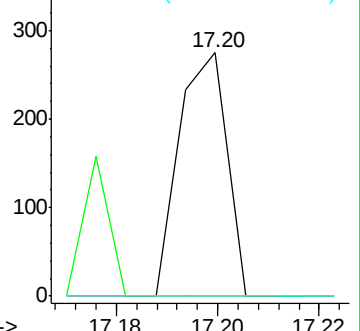
264 0.0 50.6 75.8#



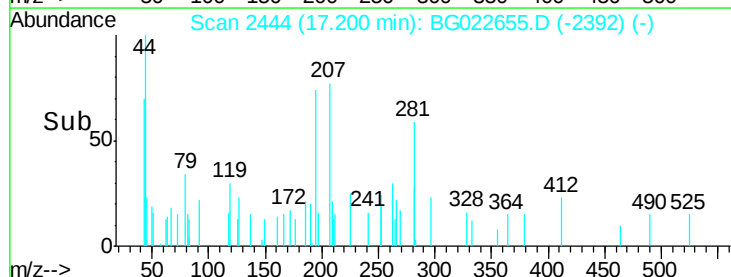
Abundance Ion 265.70 (265.40 to 266.40): E

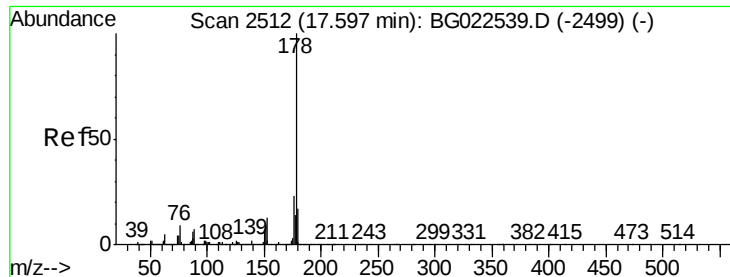
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





#70

Phenanthrene

Concen: 0.01 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.03 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

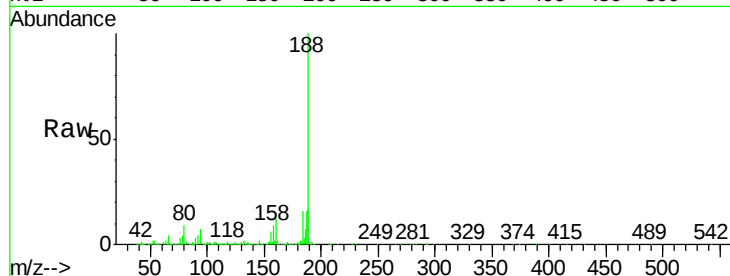
Tot Ion:178 Resp: 537

Ion Ratio Lower Upper

178 100

176 0.0 16.8 25.2#

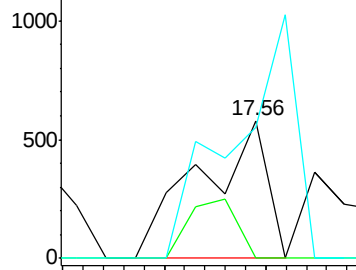
179 94.8 14.3 21.5#



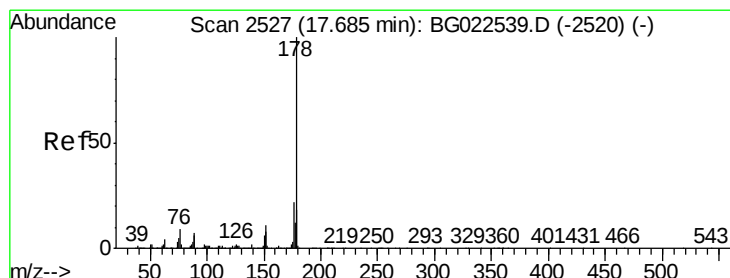
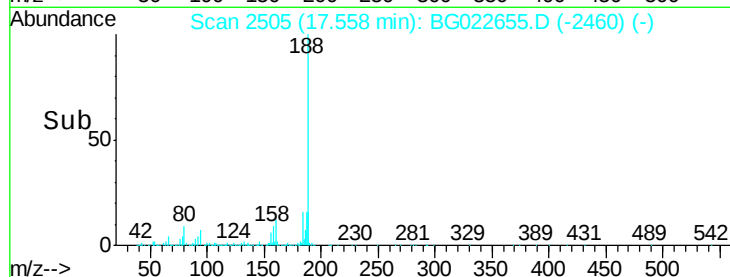
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.52 17.54 17.56



#71

Anthracene

Concen: 0.00 ng

RT: 17.70 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

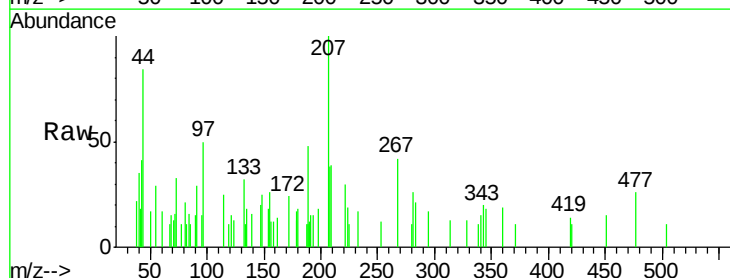
Tgt Ion:178 Resp: 291

Ion Ratio Lower Upper

178 100

176 0.0 17.3 25.9#

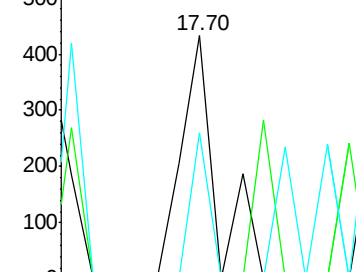
179 60.3 14.0 21.0#



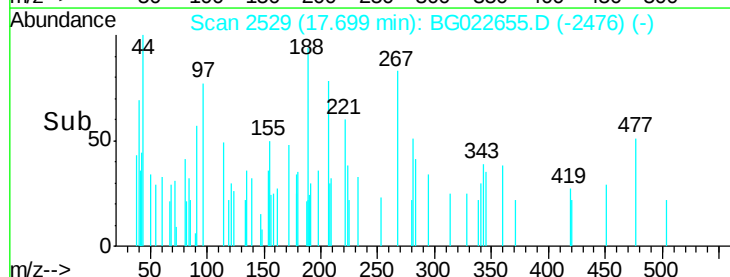
Abundance Ion 178.00 (177.70 to 178.70): E

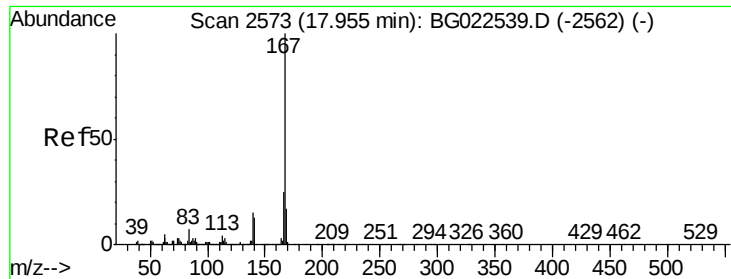
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.68 17.70 17.72





#72

Carbazole

Concen: 0.00 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampled :

PB91542BL

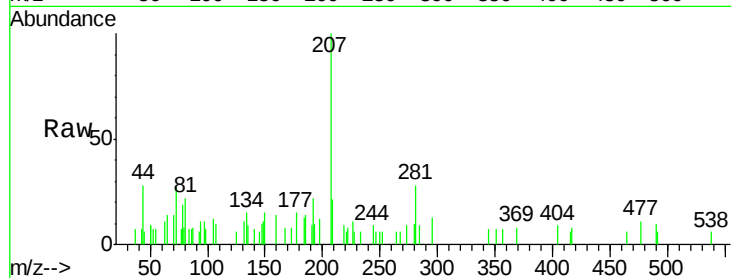
Tot Ion:167 Resp: 135

Ion Ratio Lower Upper

167 100

166 0.0 20.7 31.1#

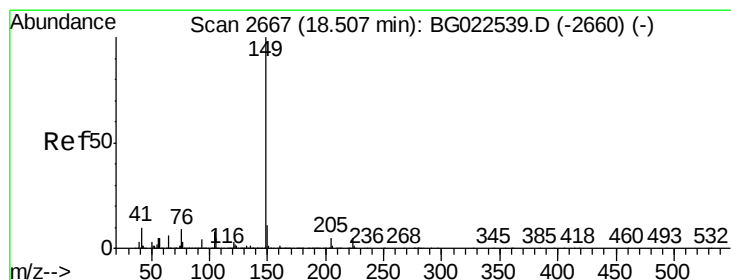
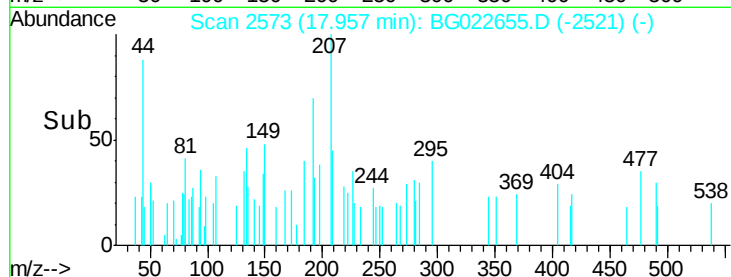
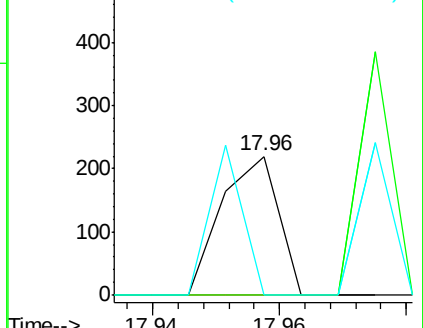
139 0.0 11.9 17.9#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.02 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

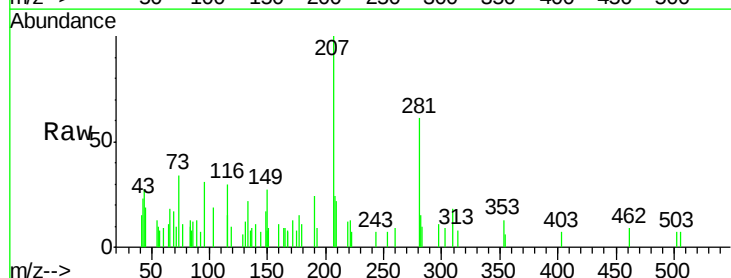
Tgt Ion:149 Resp: 1331

Ion Ratio Lower Upper

149 100

150 28.5 9.1 13.7#

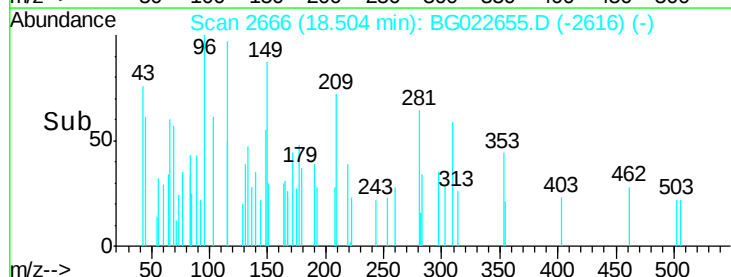
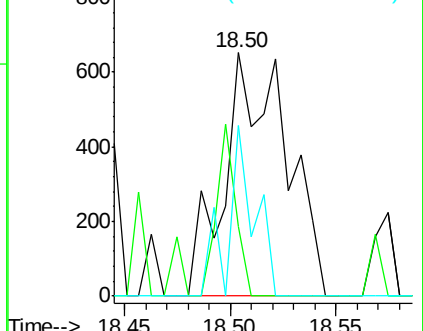
104 70.0 6.9 10.3#

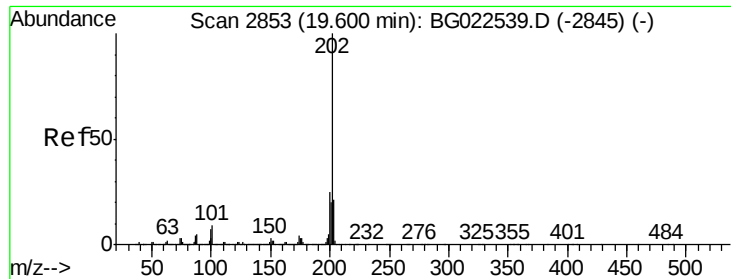


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.00 ng

RT: 19.71 min Scan# 2872

Delta R.T. 0.12 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

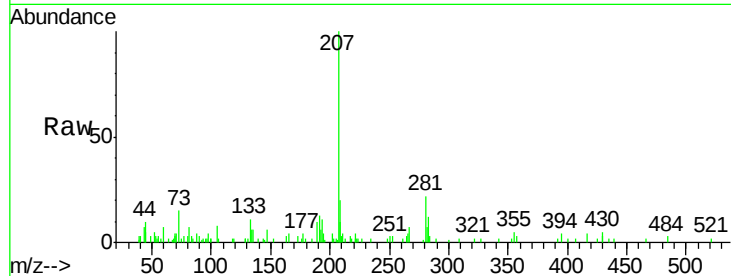
Instrument :

BNA_G

ClientSampleId :

PB91542BL

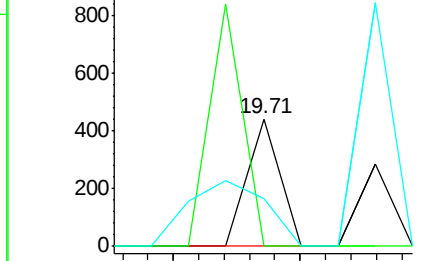
Tot Ion:	202	Resp:	157
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	27.4
203	37.8	1.7	41.7



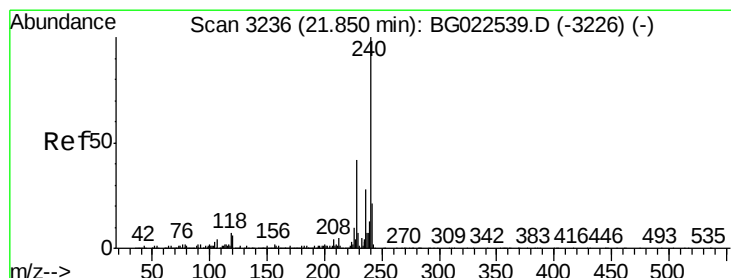
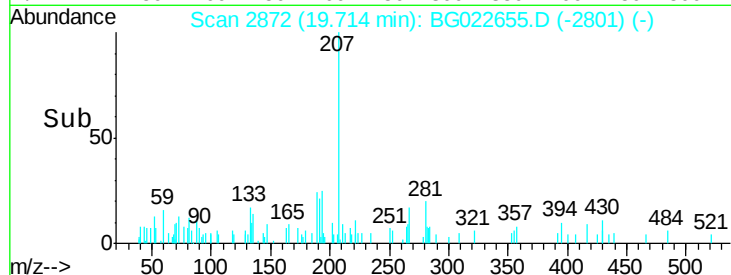
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

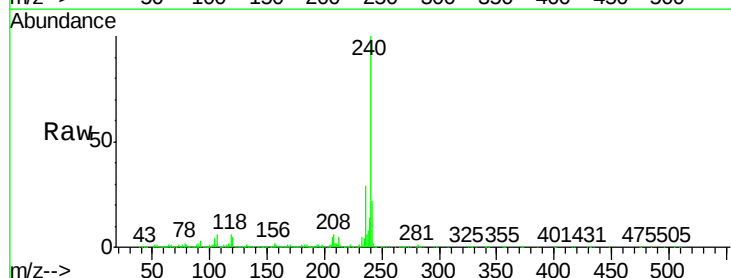
RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

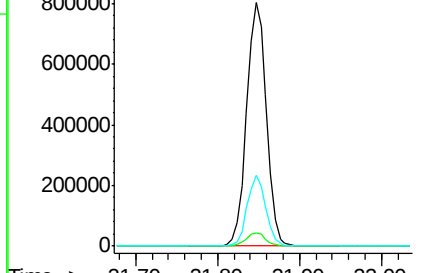
Tgt Ion:	240	Resp:	1349232
Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.1	6.1
236	29.3	21.1	31.7



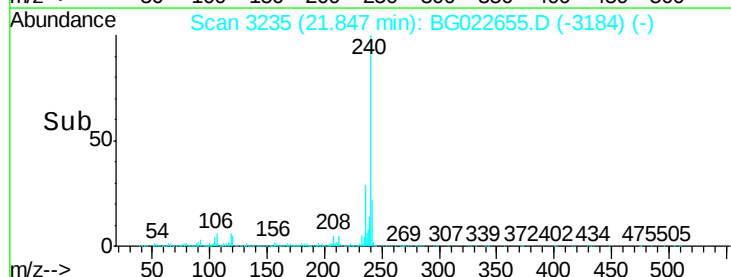
Abundance Ion 240.00 (239.70 to 240.70): E

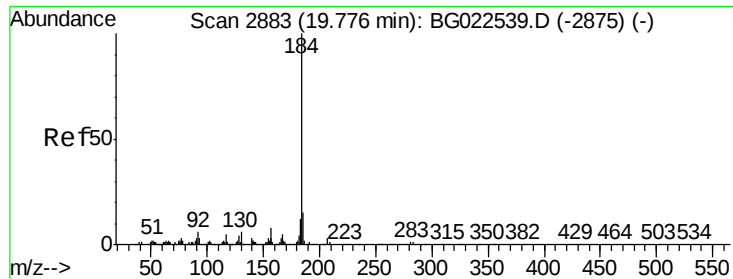
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 0.03 ng

RT: 19.81 min Scan# 2888

Delta R.T. 0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampled :

PB91542BL

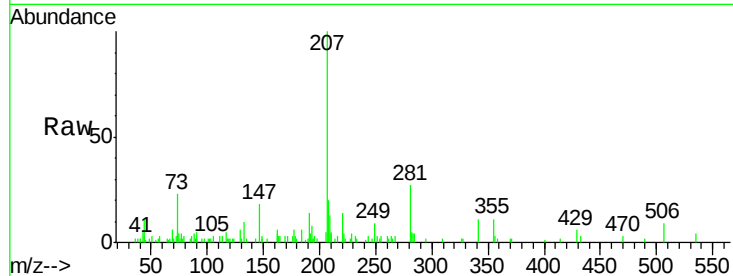
Tot Ion:184 Resp: 376

Ion Ratio Lower Upper

184 100

185 0.0 12.6 19.0#

183 0.0 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

19.81

19.82

19.83

19.84

19.85

19.86

19.87

19.88

19.89

19.90

19.91

19.92

19.93

19.94

19.95

19.96

19.97

19.98

19.99

20.00

20.01

20.02

20.03

20.04

20.05

20.06

20.07

20.08

20.09

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20.11

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20.28

20.29

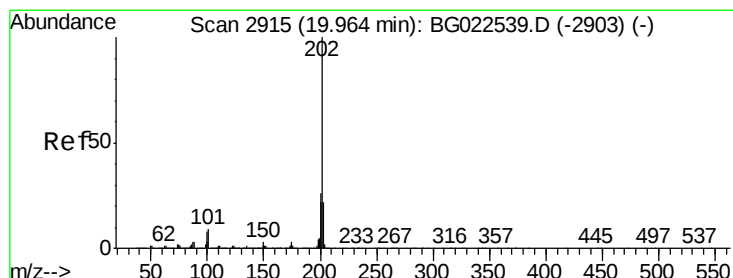
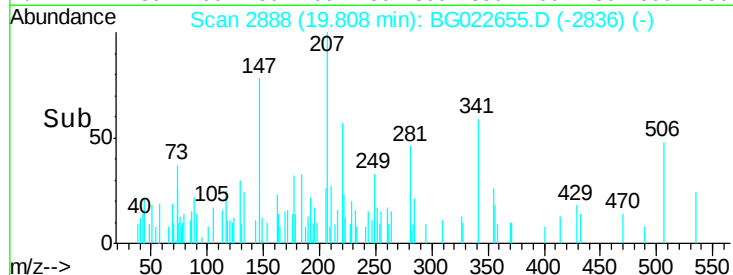
20.30

20.31

20.32

20.33

20.34



#77

Pyrene

Concen: 0.23 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.20 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

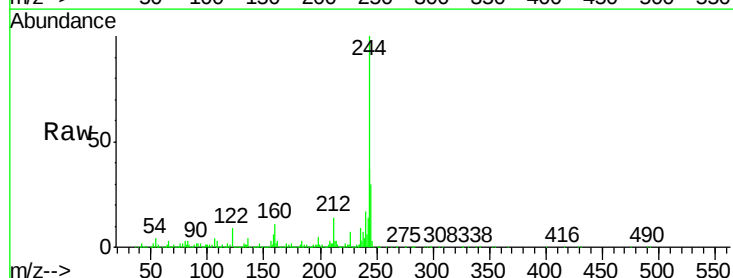
Tgt Ion:202 Resp: 16247

Ion Ratio Lower Upper

202 100

200 48.1 21.2 31.8#

203 19.7 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

20.16

20.17

20.18

20.19

20.20

20.21

20.22

20.23

20.24

20.25

20.26

20.27

20.28

20.29

20.30

20.31

20.32

20.33

20.34

20.35

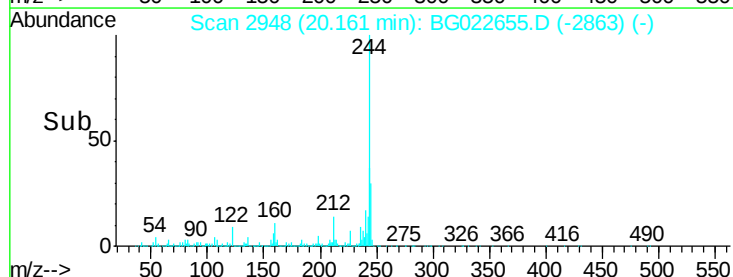
20.36

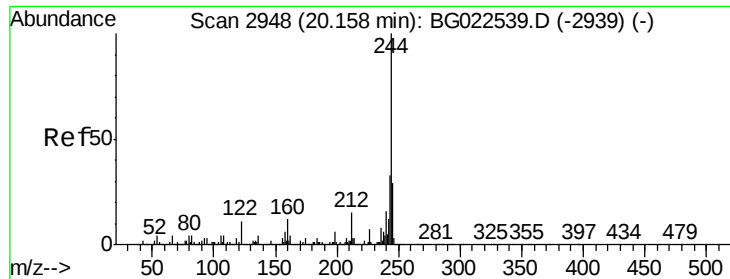
20.37

20.38

20.39

20.40





#78

Terphenyl-d14

Concen: 58.61 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

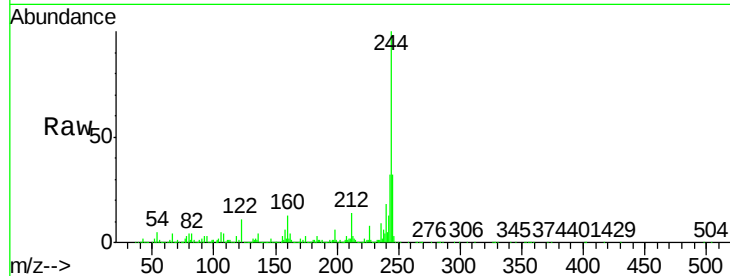
Tot Ion:244 Resp: 2984953

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	10.8	8.0	12.0

244 100

212 13.6 10.8 16.2

122 10.8 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

20.15

2000000

1500000

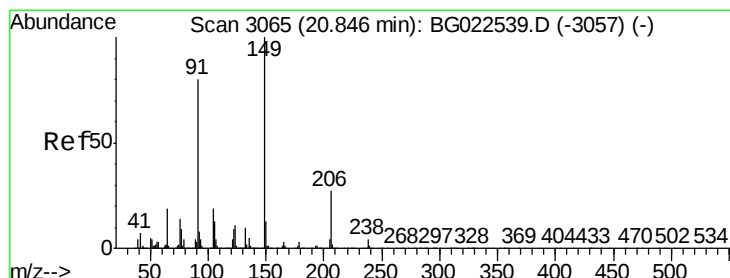
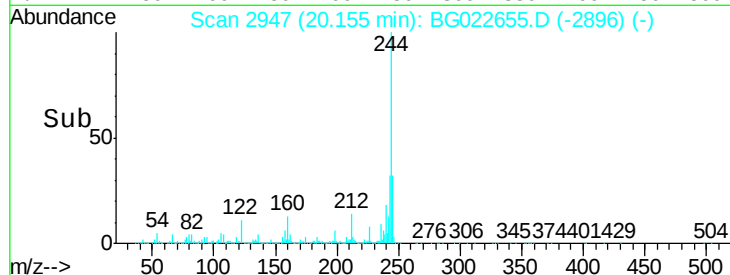
1000000

500000

0

Time-->

20.10 20.20



#79

Butylbenzylphthalate

Concen: 0.03 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

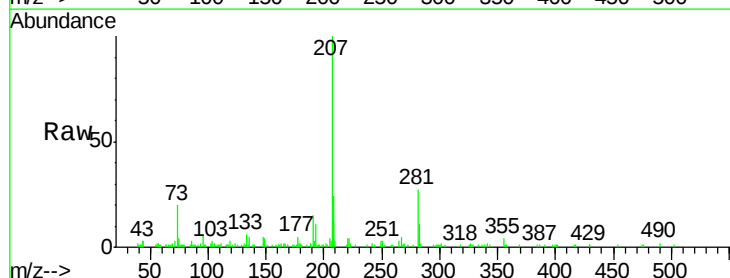
Tgt Ion:149 Resp: 899

Ion	Ratio	Lower	Upper
149	100		
91	27.9	68.1	102.1#
206	60.9	19.8	29.6#

149 100

91 27.9 68.1 102.1#

206 60.9 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

20.84

1500

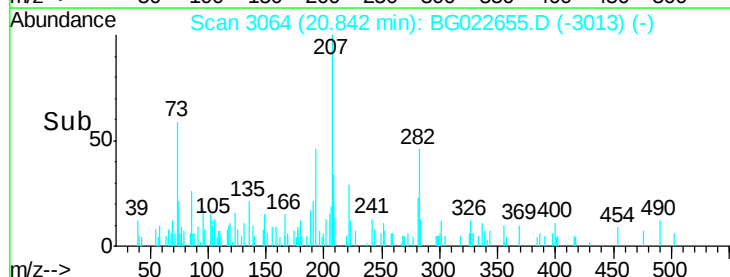
1000

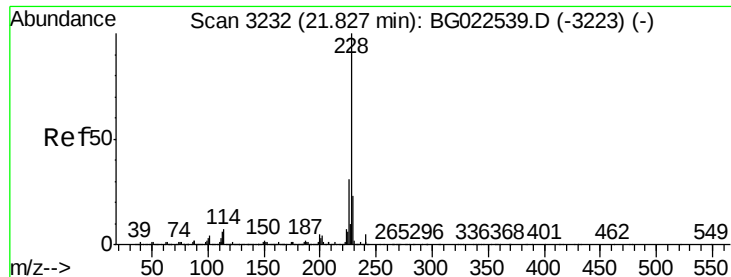
500

0

Time-->

20.82 20.84 20.86





#80

Benzo(a)anthracene

Concen: 0.07 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.02 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

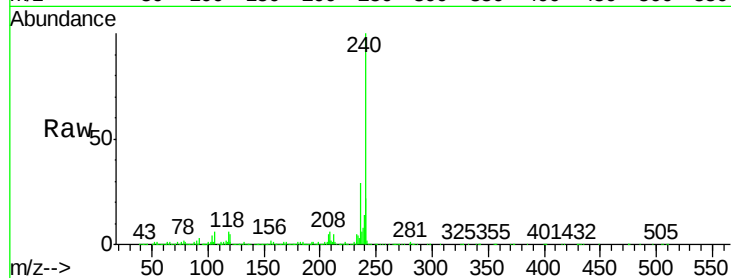
Tot Ion:228 Resp: 5265

Ion Ratio Lower Upper

228 100

226 0.0 25.3 37.9#

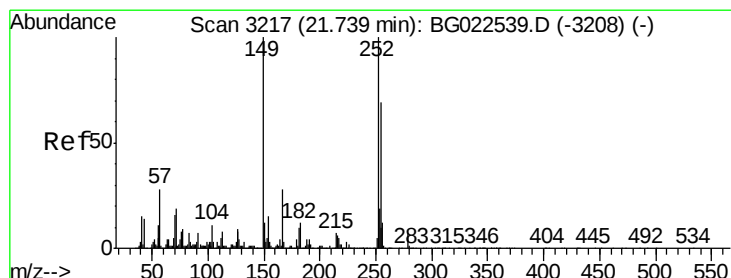
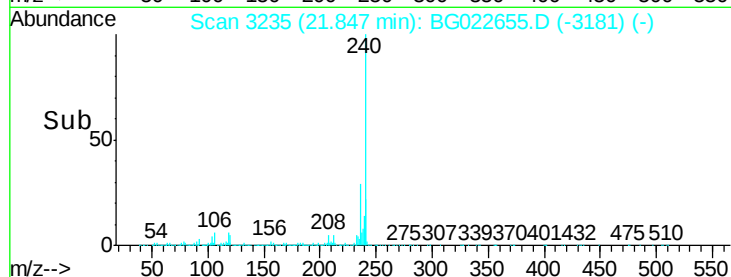
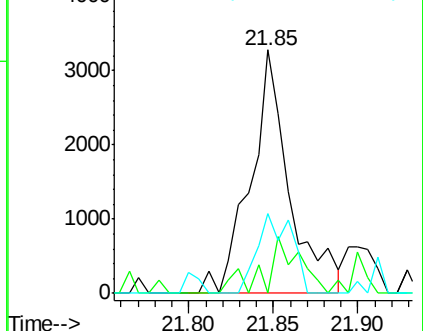
229 32.6 19.9 29.9#



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: 0.02 ng

RT: 21.74 min Scan# 3216

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

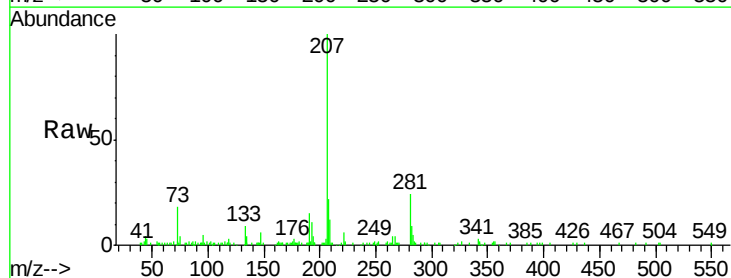
Tgt Ion:252 Resp: 559

Ion Ratio Lower Upper

252 100

254 0.0 51.2 76.8#

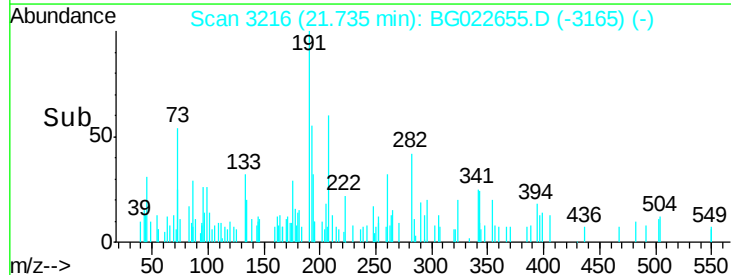
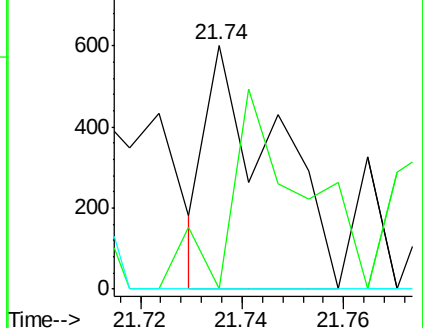
126 0.0 5.3 7.9#

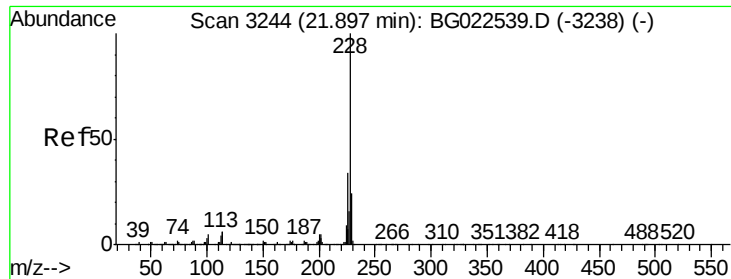


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.01 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

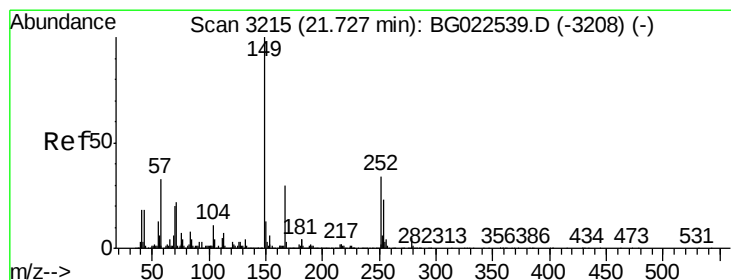
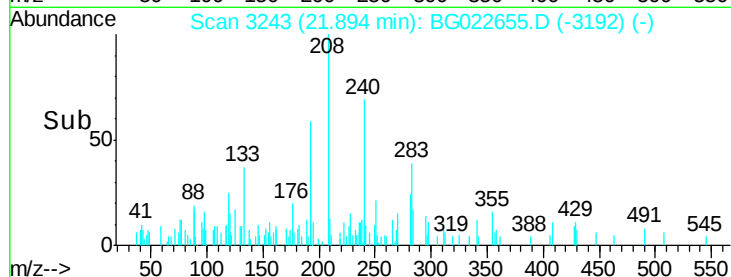
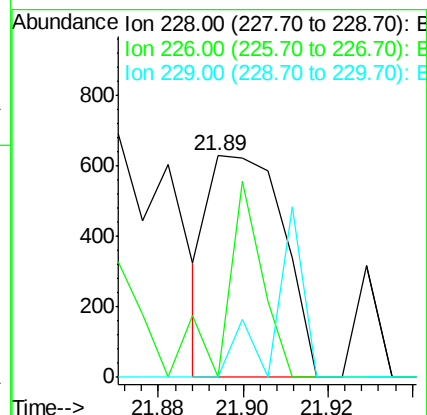
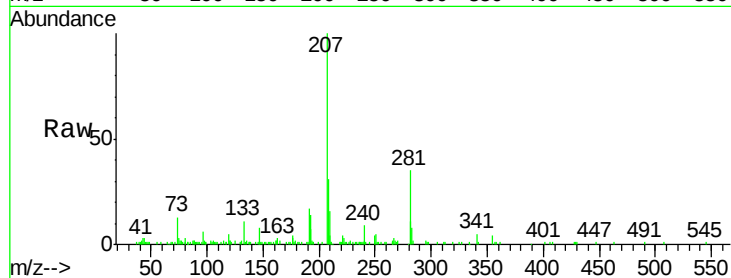
Tot Ion: 228 Resp: 766

Ion Ratio Lower Upper

228 100

226 0.0 26.7 40.1#

229 32.3 17.4 26.2#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.00 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

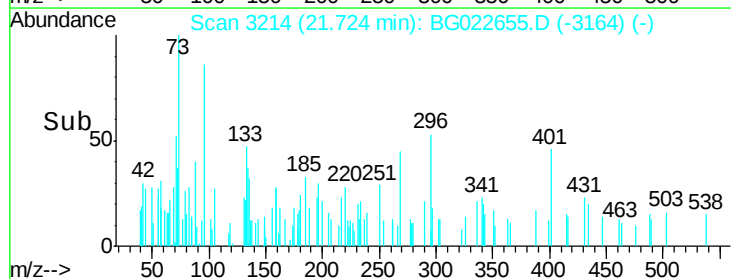
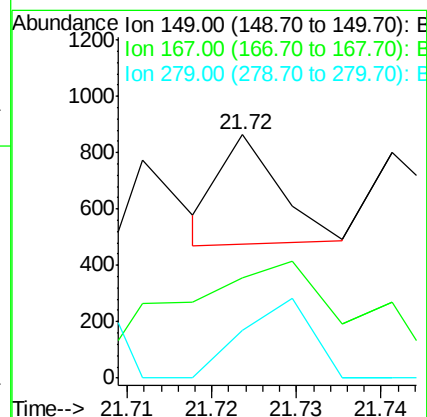
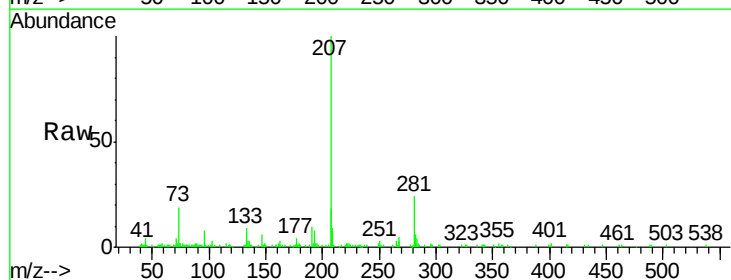
Tgt Ion: 149 Resp: 187

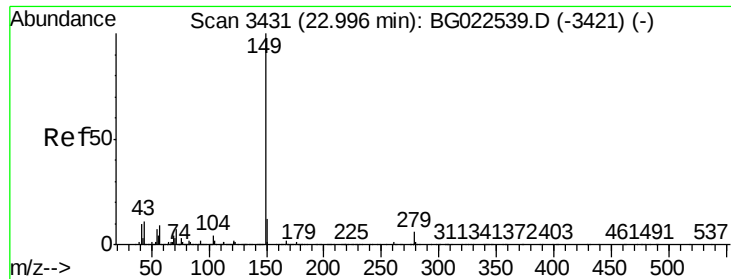
Ion Ratio Lower Upper

149 100

167 41.3 24.0 36.0#

279 19.4 4.8 7.2#





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 22.98 min Scan# 3427

Delta R.T. -0.02 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

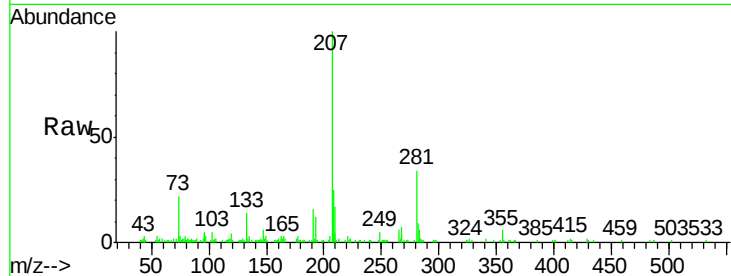
Tot Ion:149 Resp: 1178

Ion Ratio Lower Upper

149 100

167 14.9 1.5 2.3#

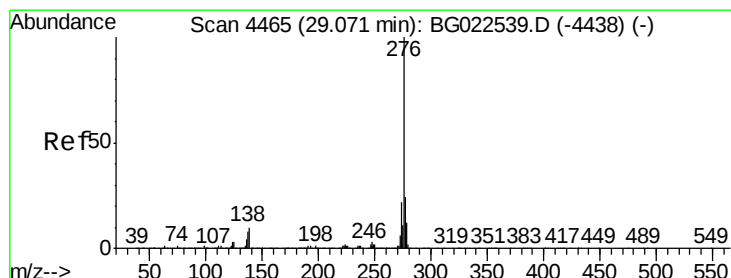
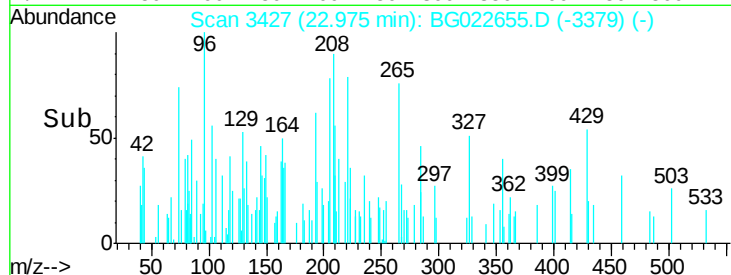
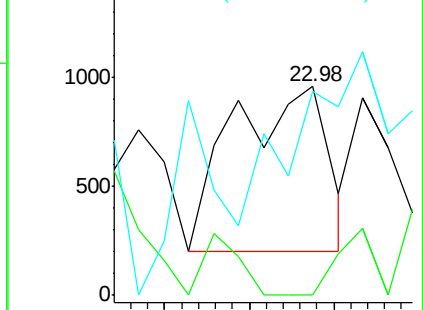
43 147.5 8.8 13.2#



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: 0.00 ng

RT: 29.06 min Scan# 4463

Delta R.T. 0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

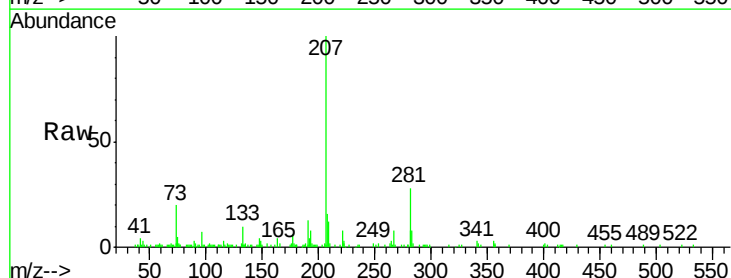
Tgt Ion:276 Resp: 428

Ion Ratio Lower Upper

276 100

138 27.1 0.0 0.0#

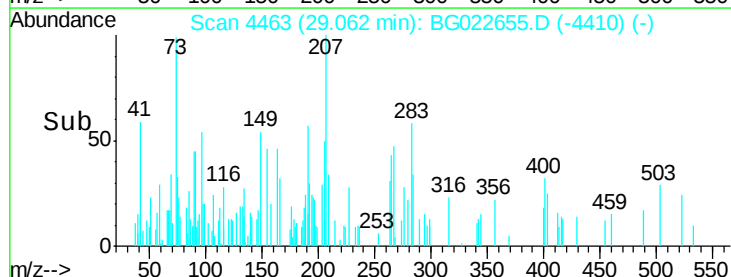
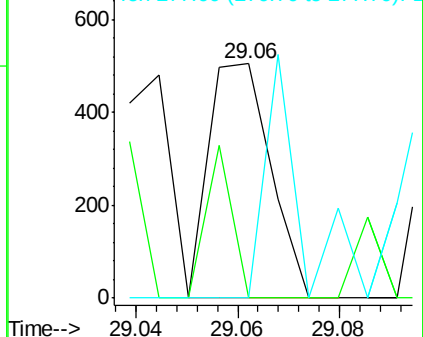
277 59.1 0.0 0.0#

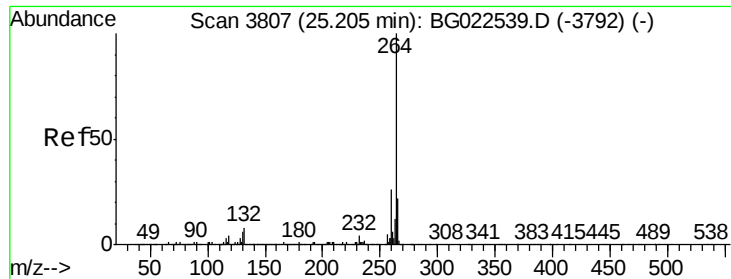


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Instrument :

BNA_G

ClientSampleId :

PB91542BL

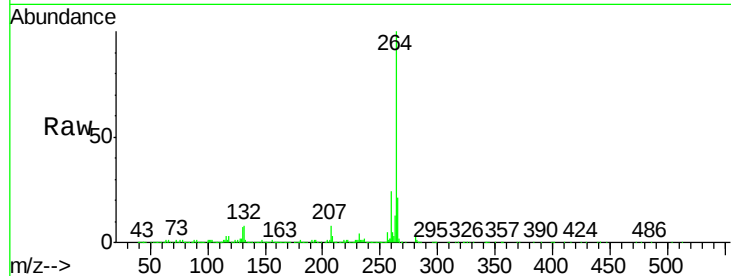
Tot Ion:264 Resp: 1345376

Ion Ratio Lower Upper

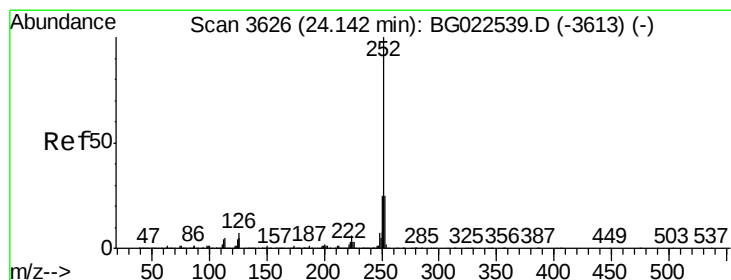
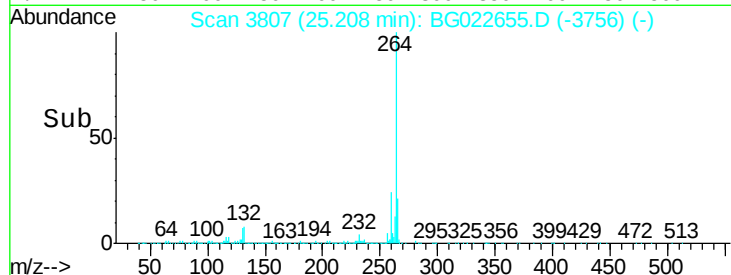
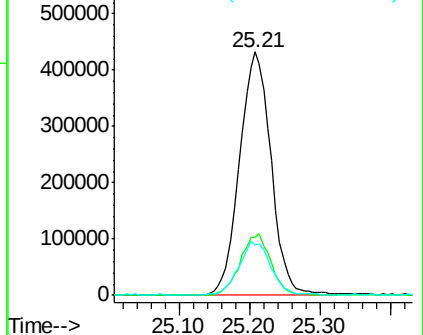
264 100

260 23.7 18.4 27.6

265 20.9 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: 24.11 min Scan# 3621

Delta R.T. -0.02 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

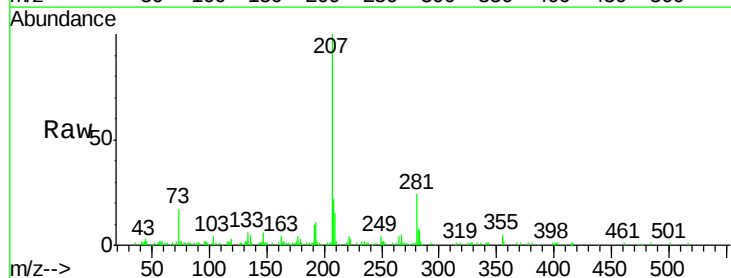
Tgt Ion:252 Resp: 799

Ion Ratio Lower Upper

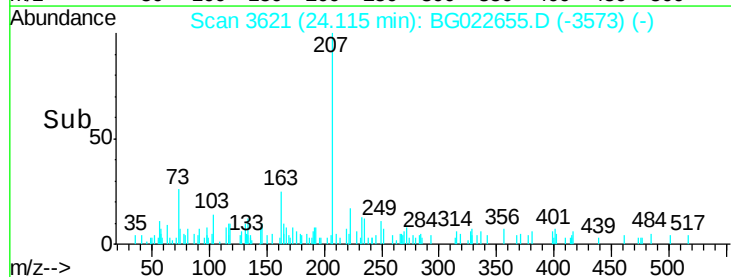
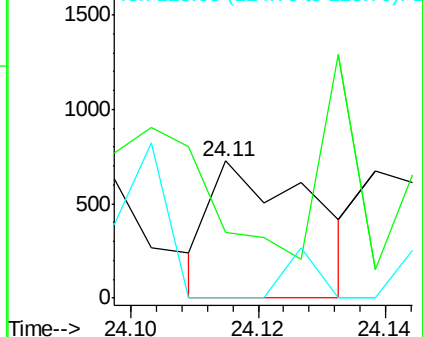
252 100

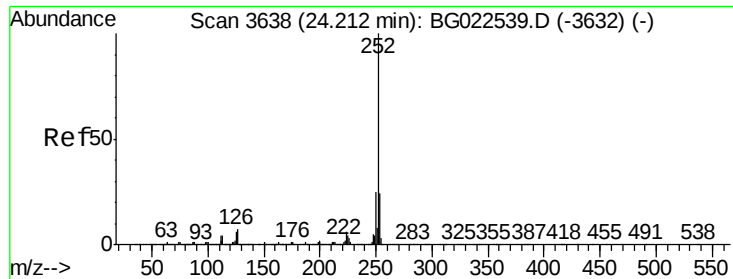
253 47.9 18.9 28.3#

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: 0.01 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.01 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

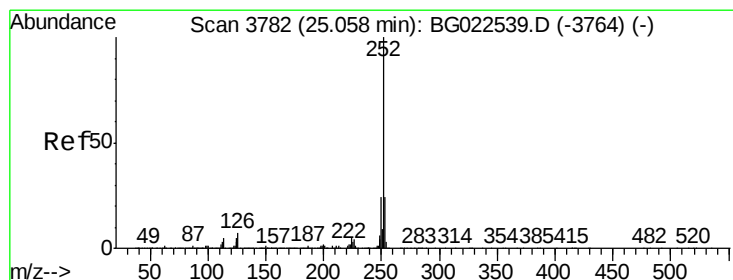
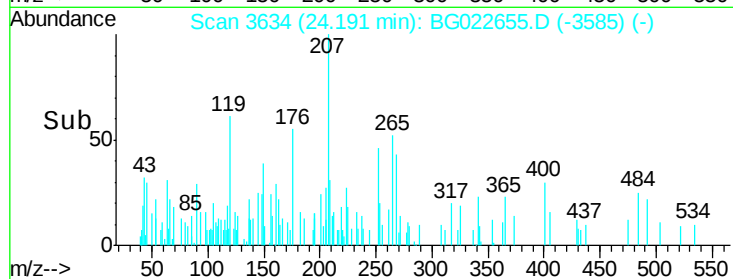
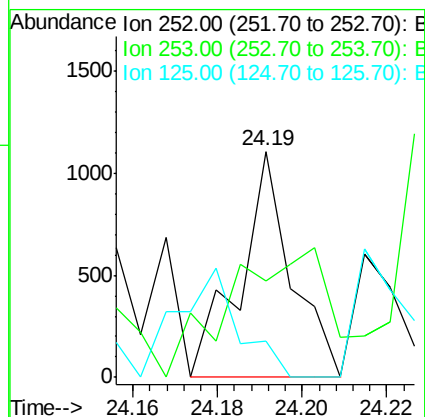
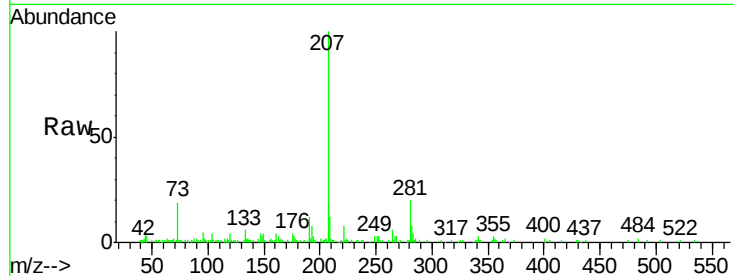
Instrument :

BNA_G

ClientSampleId :

PB91542BL

Tot Ion:	252	Resp:	935
Ion	Ratio	Lower	Upper
252	100		
253	42.7	18.8	28.2#
125	15.9	3.2	4.8#



#89

Benzo(a)pyrene

Concen: 0.02 ng

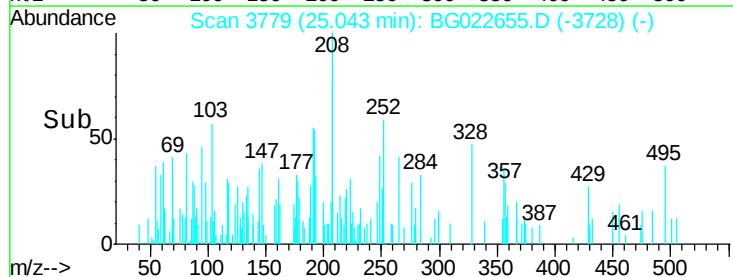
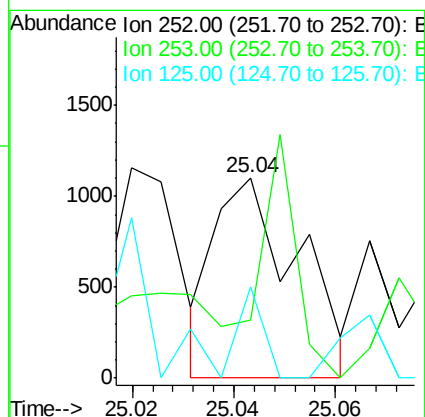
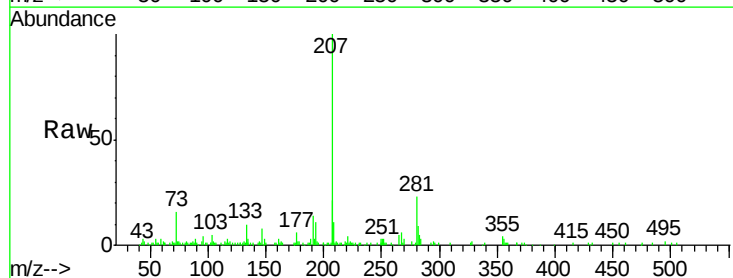
RT: 25.04 min Scan# 3779

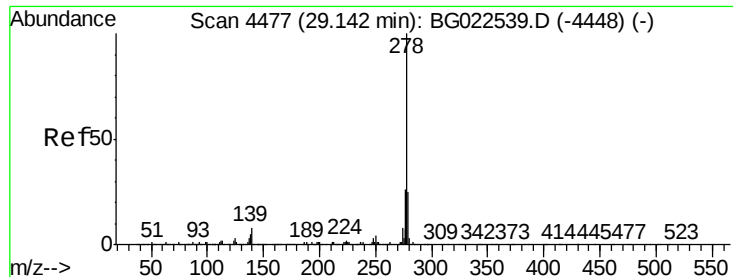
Delta R.T. 0.00 min

Lab File: BG022655.D

Acq: 27 Jun 2016 23:18

Tgt Ion:	252	Resp:	1264
Ion	Ratio	Lower	Upper
252	100		
253	28.8	18.7	28.1#
125	45.3	3.9	5.9#

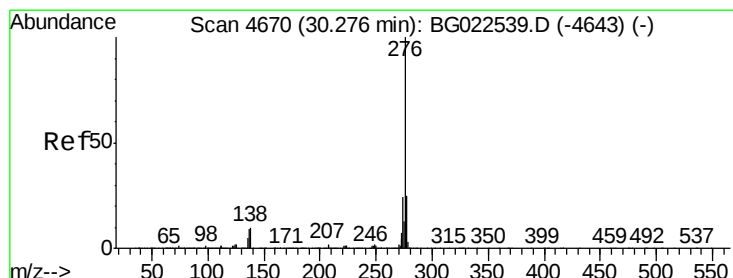
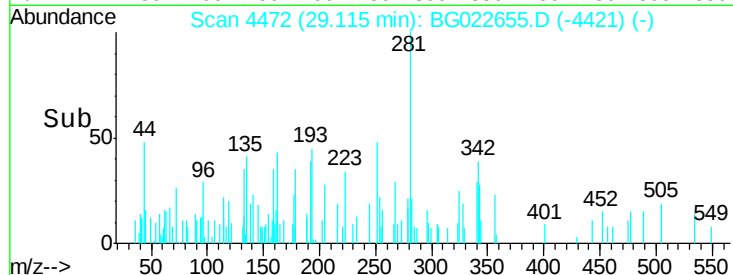
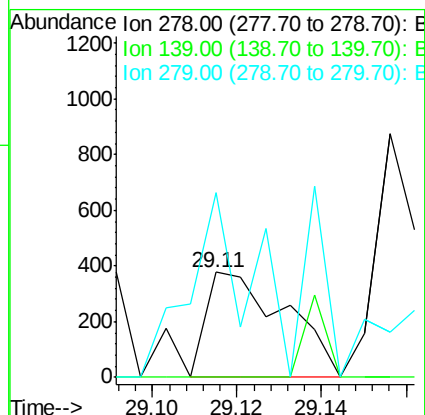
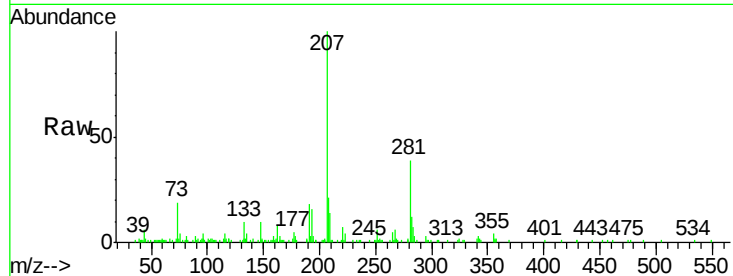




#90
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 29.11 min Scan# 4472
Delta R.T. 0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Instrument :
BNA_G
ClientSampleId :
PB91542BL

Tot Ion:278 Resp: 491
Ion Ratio Lower Upper
278 100
139 0.0 4.7 7.1#
279 175.9 18.3 27.5#



#91
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 30.25 min Scan# 4666
Delta R.T. 0.00 min
Lab File: BG022655.D
Acq: 27 Jun 2016 23:18

Tgt Ion:276 Resp: 327
Ion Ratio Lower Upper
276 100
277 0.0 18.6 27.8#
138 84.5 6.8 10.2#

