

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022953.D
 Acq On : 9 Jul 2016 6:06
 Operator : UM/SJ
 Sample : PB91977BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

Quant Time: Jul 11 01:27:49 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	91850	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	420751	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	327767	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	832898	20.00	ng	0.00
75) Chrysene-d12	21.85	240	945090	20.00	ng	0.00
86) Perylene-d12	25.20	264	961779	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	800006	142.45	ng	0.00
7) Phenol-d6	7.31	99	1220612	138.77	ng	0.00
23) Nitrobenzene-d5	9.32	82	864120	87.94	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	709625	120.46	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1764938	84.82	ng	0.00
78) Terphenyl-d14	20.15	244	2734103	96.67	ng	0.00

Target Compounds						Qvalue
3) Pyridine	3.97	79	255738	34.24	ng	95
4) n-Nitrosodimethylamine	3.88	42	136043	42.45	ng	# 97
6) Aniline	7.47	93	373577	30.65	ng	95
8) 2-Chlorophenol	7.72	128	286896	48.01	ng	98
9) Benzaldehyde	7.29	77	217880	37.07	ng	92
10) Phenol	7.34	94	447205	49.41	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	293945	40.98	ng	96
12) 1,3-Dichlorobenzene	8.04	146	297354	40.65	ng	99
13) 1,4-Dichlorobenzene	8.19	146	305423	41.70	ng	97
14) 1,2-Dichlorobenzene	8.51	146	287006	39.42	ng	95
15) Benzyl Alcohol	8.39	79	390000	48.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	356105	40.64	ng	94
17) 2-Methylphenol	8.60	107	284591	48.31	ng	93
18) Hexachloroethane	9.24	117	122263	39.55	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	310029	39.10	ng	92
20) 3+4-Methylphenols	8.92	107	390008	47.47	ng	95
22) Acetophenone	8.98	105	509089	40.32	ng	# 93
24) Nitrobenzene	9.37	77	462541	44.30	ng	92
25) Isophorone	9.89	82	809377	40.95	ng	97
26) 2-Nitrophenol	10.08	139	180113	43.96	ng	86
27) 2,4-Dimethylphenol	10.14	122	314087	44.35	ng	91
28) bis(2-Chloroethoxy)methane	10.37	93	448161	40.66	ng	98
29) 2,4-Dichlorophenol	10.62	162	361083	47.80	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	349516	40.38	ng	97
31) Naphthalene	11.03	128	897199	41.89	ng	98
32) Benzoic acid	10.27	122	225079	34.93	ng	90
33) 4-Chloroaniline	11.14	127	180884	17.27	ng	96
34) Hexachlorobutadiene	11.31	225	274303	39.09	ng	94
35) Caprolactam	11.92	113	123074m	39.60	ng	
36) 4-Chloro-3-methylphenol	12.26	107	440582	42.65	ng	96
37) 2-Methylnaphthalene	12.63	142	726892	42.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	482510	34.16	ng	99
40) Hexachlorocyclopentadiene	12.97	237	652349	80.23	ng	97
42) 2,4,6-Trichlorophenol	13.24	196	355748	43.82	ng	98

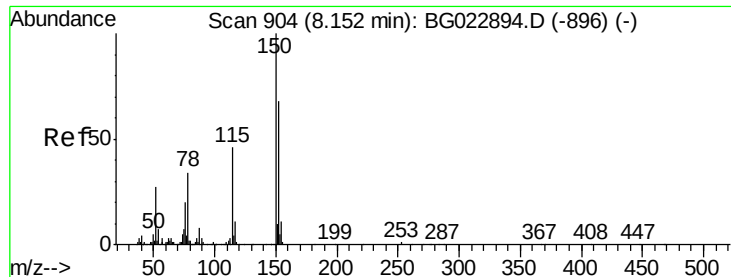
Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	372290	44.66	nq	98
45) 1,1'-Biphenyl	13.63	154	1014674	41.26	nq	98
46) 2-Chloronaphthalene	13.68	162	830771	41.64	nq	98
47) 2-Nitroaniline	13.88	65	358163	42.08	nq	98
48) Acenaphthylene	14.52	152	1268471	42.39	nq	99
49) Dimethylphthalate	14.24	163	1139536	42.56	nq	97
50) 2,6-Dinitrotoluene	14.37	165	254339	42.27	nq	89
51) Acenaphthene	14.86	154	839102	42.91	nq	96
52) 3-Nitroaniline	14.71	138	171338	28.56	nq	93
53) 2,4-Dinitrophenol	14.91	184	291455	70.59	nq	96
54) Dibenzofuran	15.20	168	1353833	46.25	nq	100
55) 4-Nitrophenol	15.02	139	417784	83.07	nq	97
56) 2,4-Dinitrotoluene	15.16	165	384734	43.86	nq	# 94
57) Fluorene	15.85	166	1108887	44.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	389765	46.73	nq	# 99
59) Diethylphthalate	15.61	149	1189848	43.68	nq	98
60) 4-Chlorophenyl-phenylether	15.83	204	668424	43.56	nq	98
61) 4-Nitroaniline	15.87	138	258718	39.85	nq	# 82
62) Azobenzene	16.13	77	1289287	49.48	nq	93
64) 4,6-Dinitro-2-methylphenol	15.92	198	242276	39.14	nq	95
65) n-Nitrosodiphenylamine	16.05	169	1035511	43.15	nq	98
66) 4-Bromophenyl-phenylether	16.73	248	456268	42.10	nq	94
67) Hexachlorobenzene	16.86	284	483686	41.05	nq	96
68) Atrazine	17.00	200	464741	43.66	nq	98
69) Pentachlorophenol	17.20	266	611059	80.08	nq	99
70) Phenanthrene	17.60	178	1853751	45.42	nq	99
71) Anthracene	17.69	178	1847903	44.71	nq	99
72) Carbazole	17.96	167	1608755	45.05	nq	98
73) Di-n-butylphthalate	18.50	149	1922861	48.41	nq	99
74) Fluoranthene	19.61	202	2154823	43.02	nq	99
76) Benzidine	19.78	184	1197379	44.19	nq	99
77) Pyrene	19.96	202	2185908	41.16	nq	99
79) Butylbenzylphthalate	20.83	149	928833	44.15	nq	97
80) Benzo(a)anthracene	21.83	228	2322139	43.92	nq	98
81) 3,3'-Dichlorobenzidine	21.74	252	596747	25.71	nq	93
82) Chrysene	21.90	228	2180608	43.96	nq	97
83) Bis(2-ethylhexyl)phthalate	21.71	149	1276005	43.68	nq	100
84) Di-n-octyl phthalate	22.96	149	2134075	43.81	nq	98
85) Indeno(1,2,3-cd)pyrene	29.04	276	2773553	43.86	nq	# 100
87) Benzo(b)fluoranthene	24.13	252	2483645	44.76	nq	98
88) Benzo(k)fluoranthene	24.20	252	2356801	44.76	nq	# 97
89) Benzo(a)pyrene	25.04	252	2380139	44.75	nq	98
90) Dibenzo(a,h)anthracene	29.11	278	2311895	43.79	nq	# 94
91) Benzo(g,h,i)perylene	30.26	276	2318533	43.85	nq	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

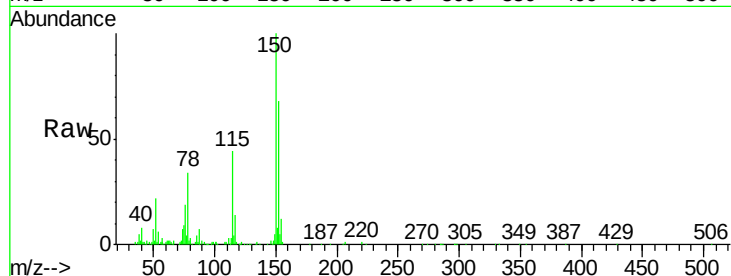
Tot Ion:152 Resp: 91850

Ion Ratio Lower Upper

152 100

150 147.9 144.7 217.1

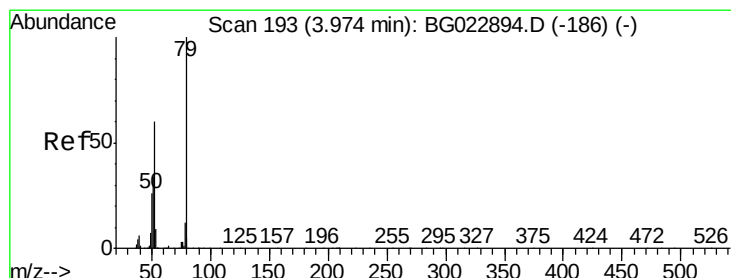
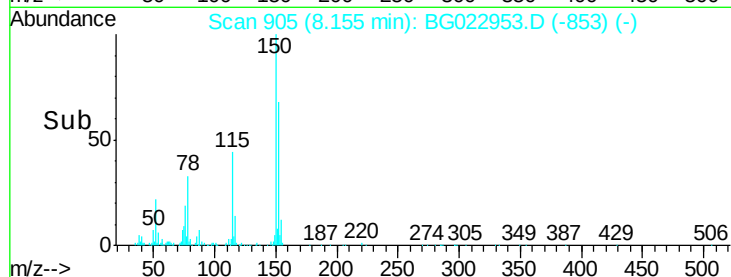
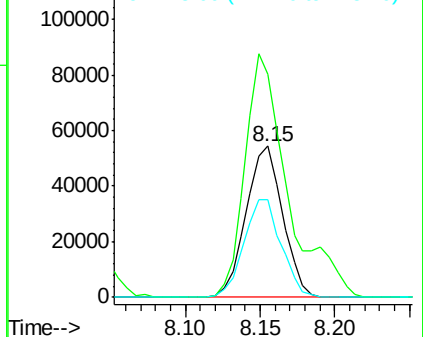
115 64.8 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 34.24 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

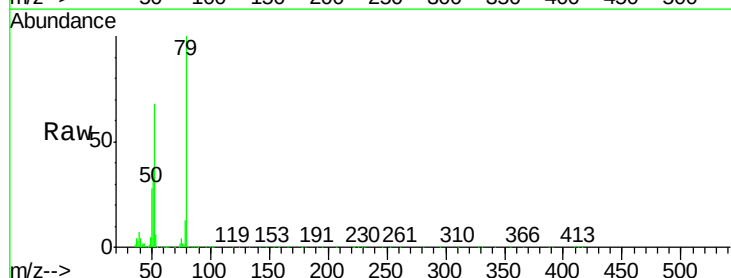
Tgt Ion: 79 Resp: 255738

Ion Ratio Lower Upper

79 100

52 68.2 51.8 77.8

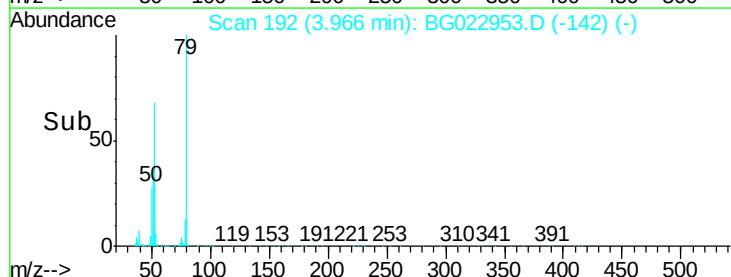
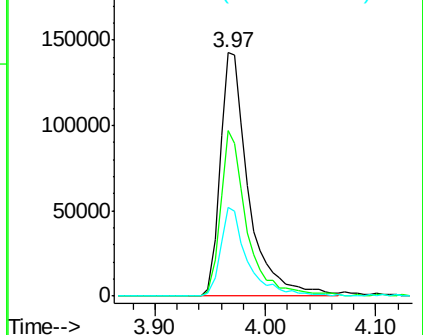
51 36.5 32.7 49.1

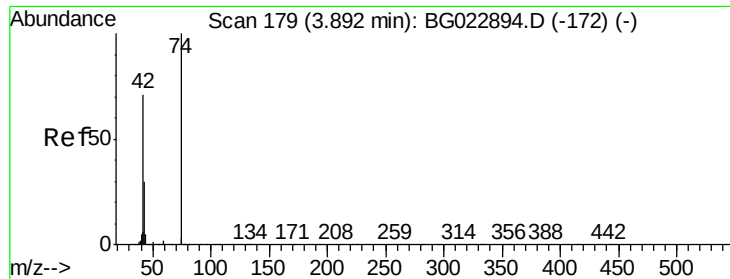


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#4

n-Nitrosodimethylamine

Concen: 42.45 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

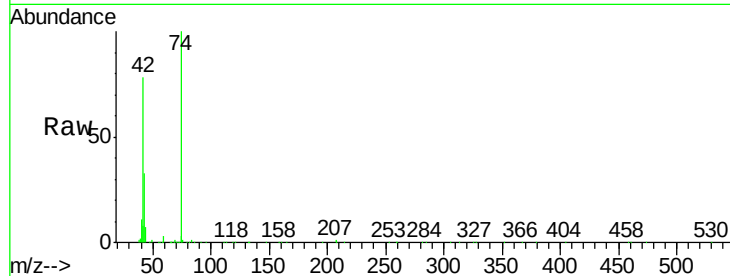
Tot Ion: 42 Resp: 136043

Ion Ratio Lower Upper

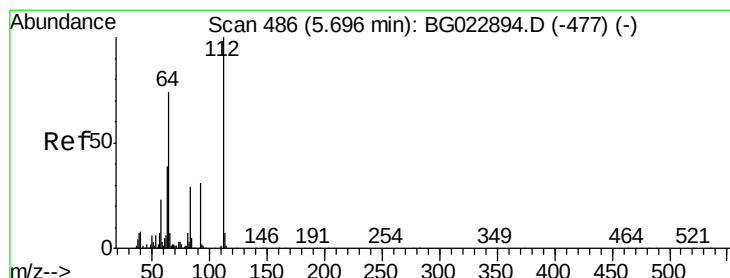
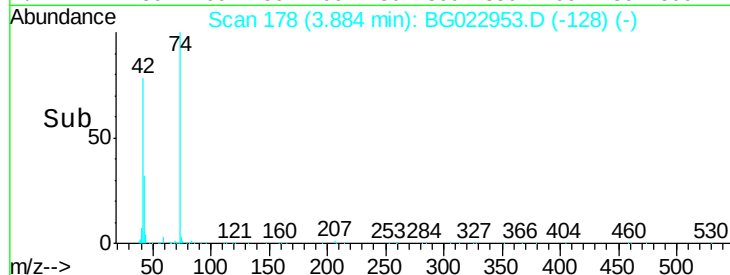
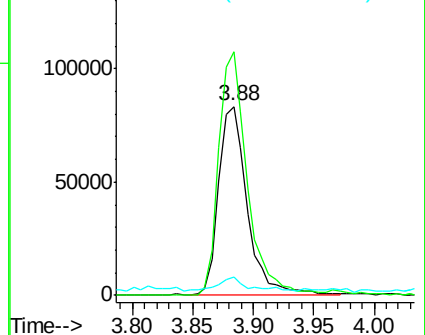
42 100

74 128.7 100.6 150.8

44 9.6 4.5 6.7#



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



#5

2-Fluorophenol

Concen: 142.45 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

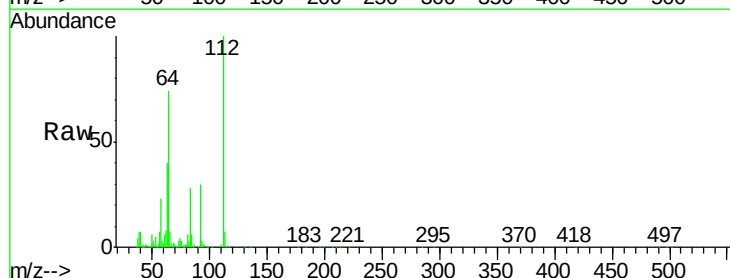
Tgt Ion: 112 Resp: 800006

Ion Ratio Lower Upper

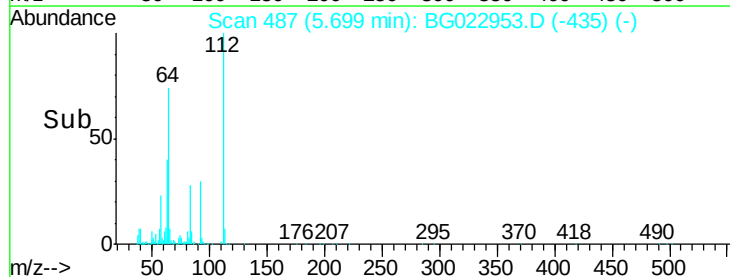
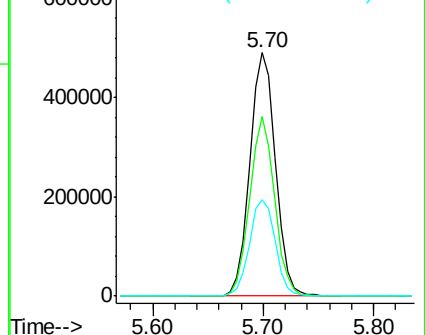
112 100

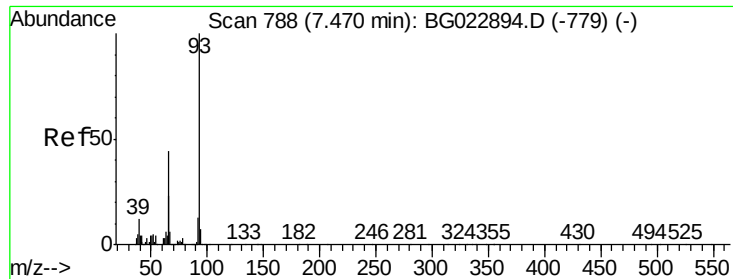
64 73.6 59.0 88.4

63 39.6 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: 30.65 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

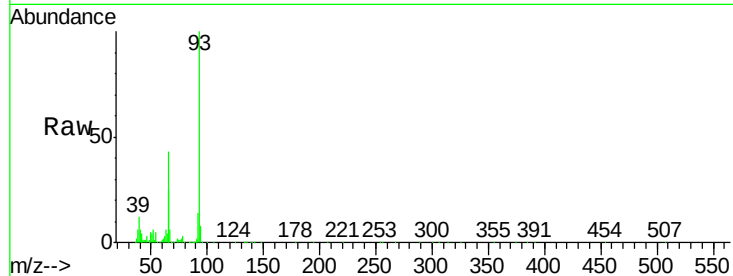
BNA_G

ClientSampleId :

PB91977BS

Tot Ion: 93 Resp: 373577

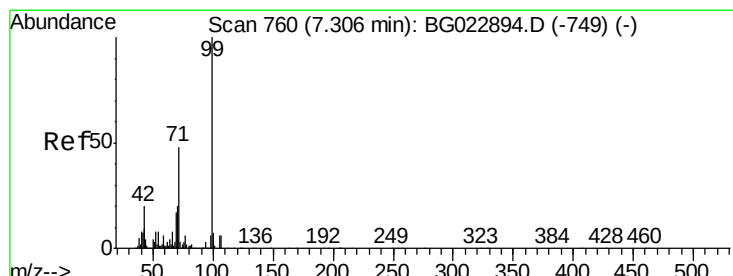
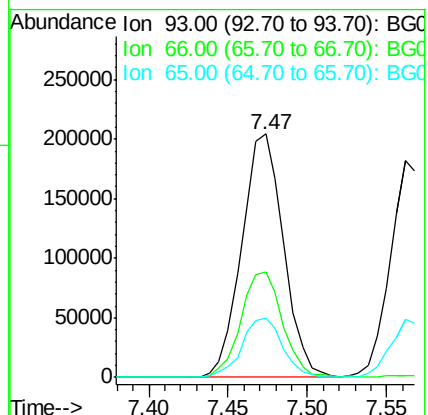
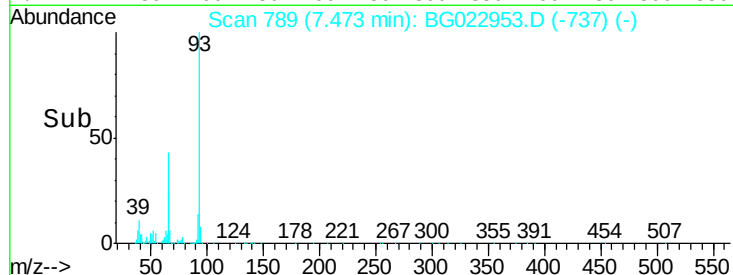
Ion	Ratio	Lower	Upper
93	100		
66	43.1	37.5	56.3
65	24.6	17.9	26.9



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: 138.77 ng

RT: 7.31 min Scan# 761

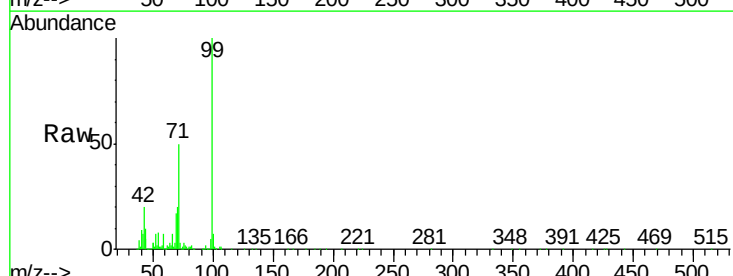
Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion: 99 Resp: 1220612

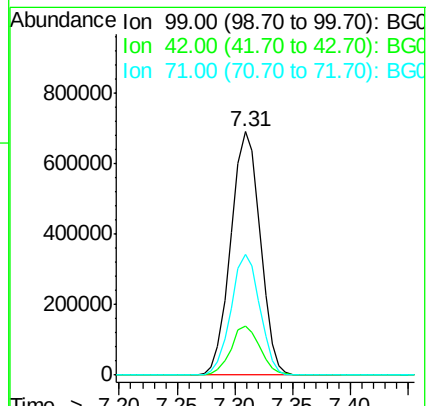
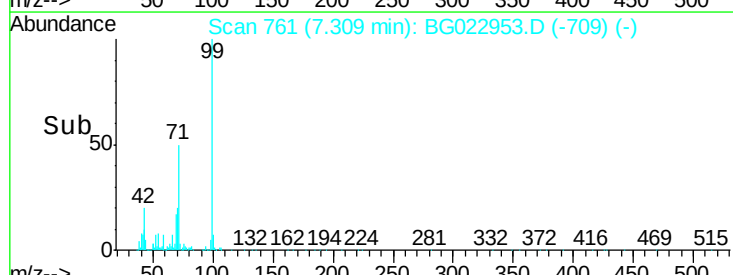
Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.8	26.6
71	49.7	41.5	62.3

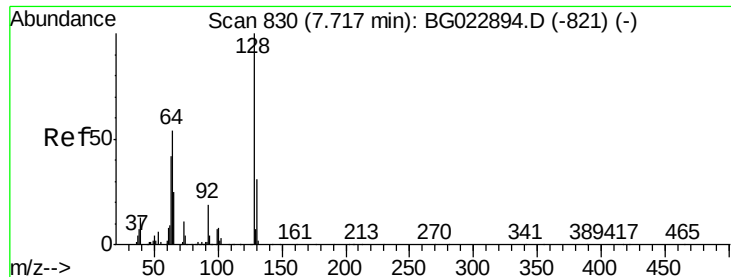


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 48.01 ng

RT: 7.72 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

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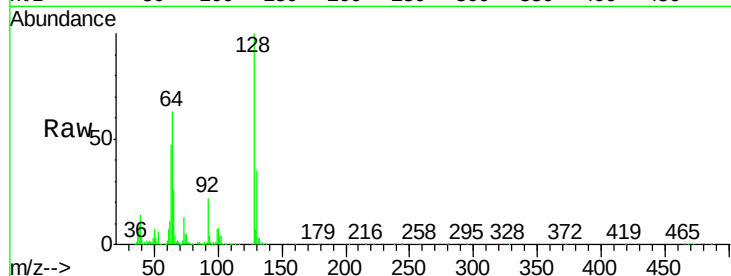
Tot Ion:128 Resp: 286896

Ion Ratio Lower Upper

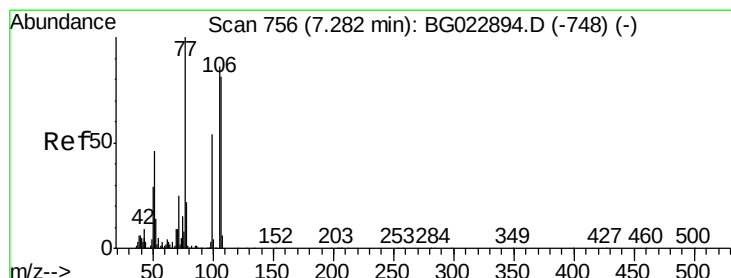
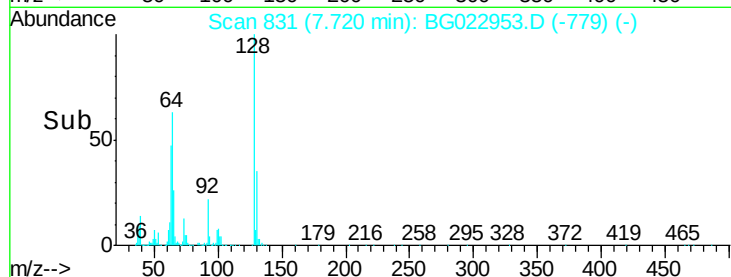
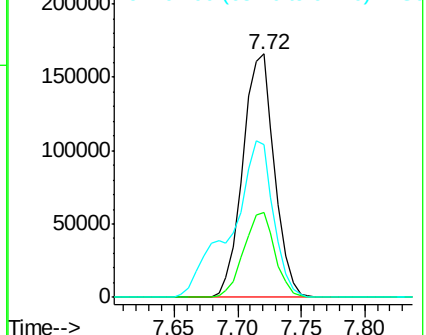
128 100

130 34.8 12.9 52.9

64 62.8 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: 37.07 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

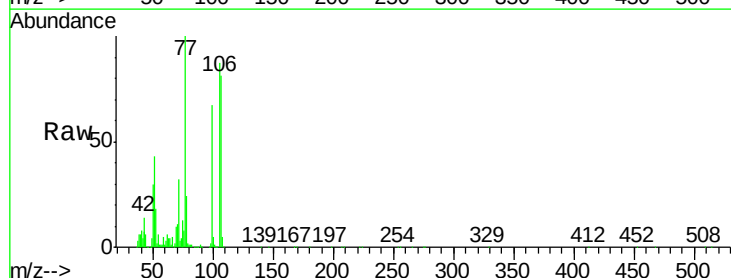
Tgt Ion: 77 Resp: 217880

Ion Ratio Lower Upper

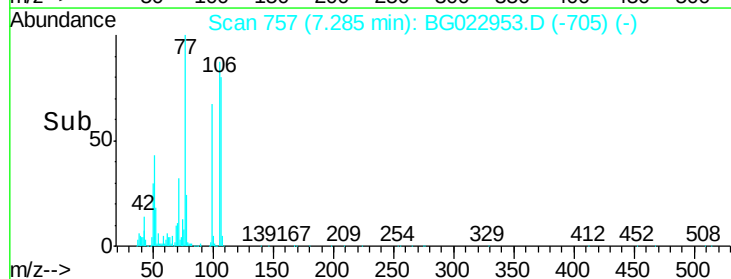
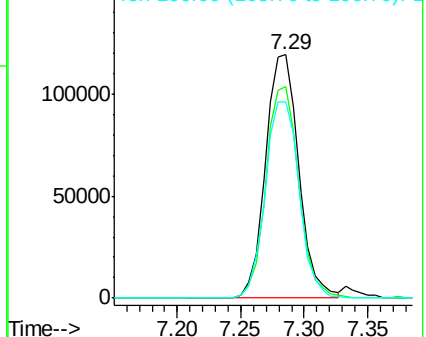
77 100

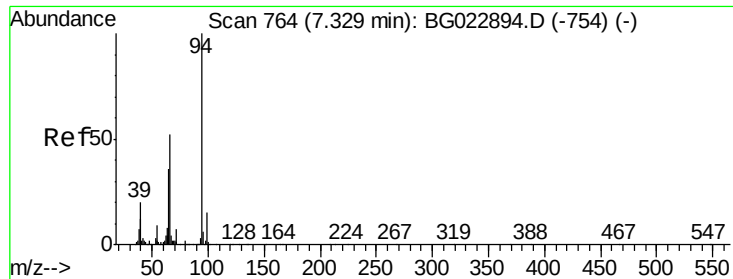
105 86.7 58.7 98.7

106 80.6 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: 49.41 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

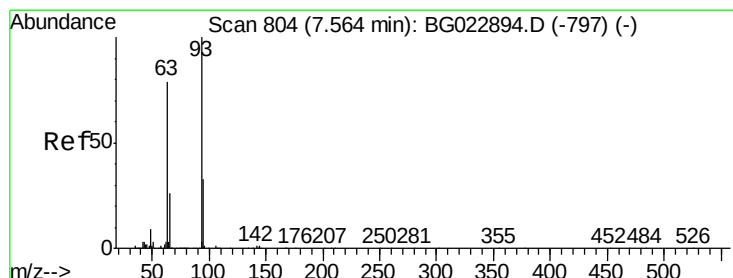
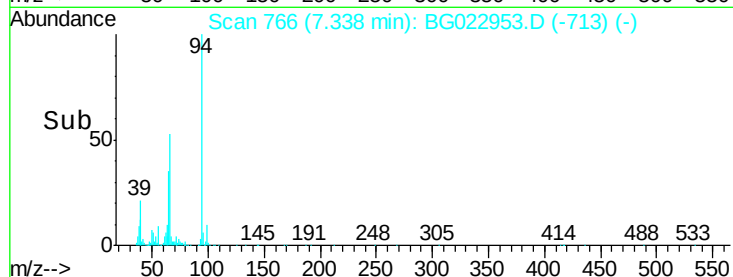
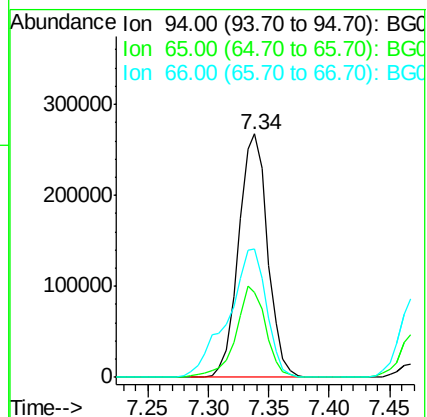
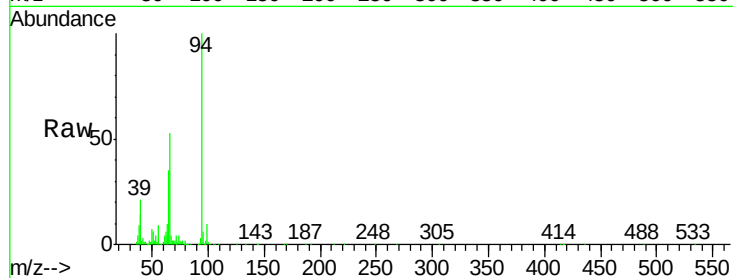
Tot Ion: 94 Resp: 447205

Ion Ratio Lower Upper

94 100

65 35.1 18.1 58.1

66 52.6 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 40.98 ng

RT: 7.56 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

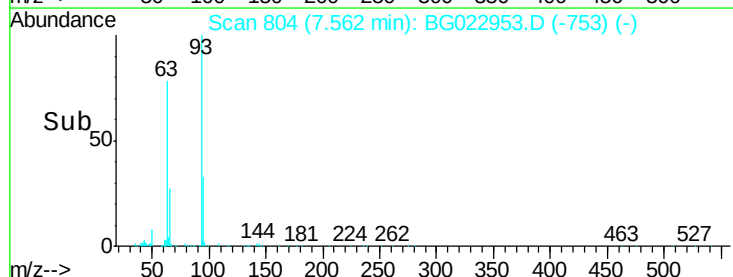
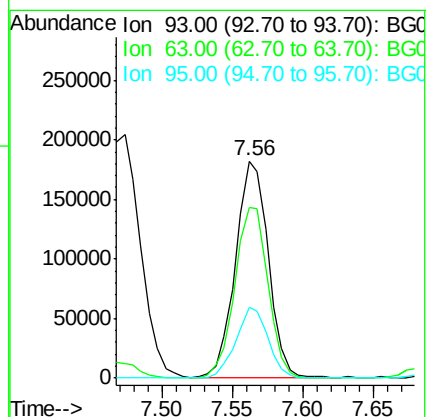
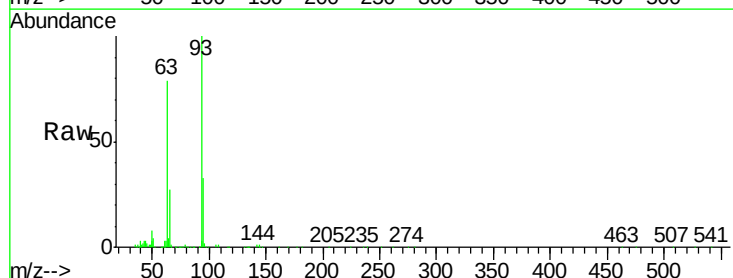
Tgt Ion: 93 Resp: 293945

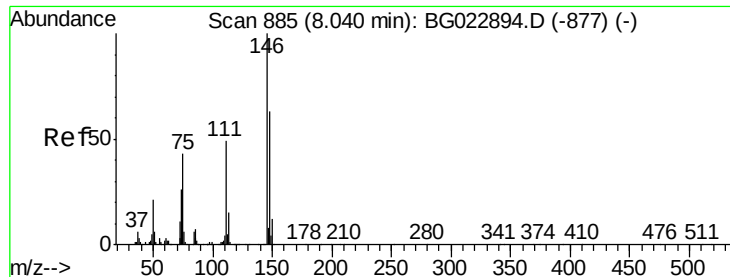
Ion Ratio Lower Upper

93 100

63 78.7 55.0 95.0

95 32.6 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 40.65 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

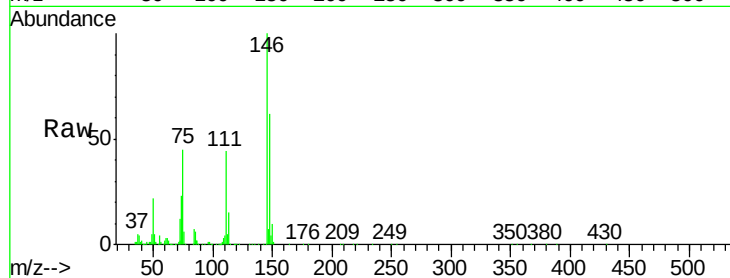
Tot Ion:146 Resp: 297354

Ion Ratio Lower Upper

146 100

148 62.0 50.3 75.5

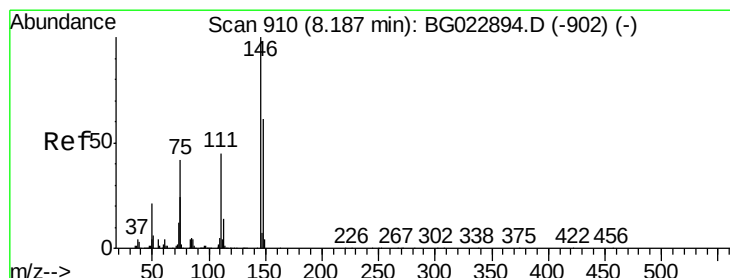
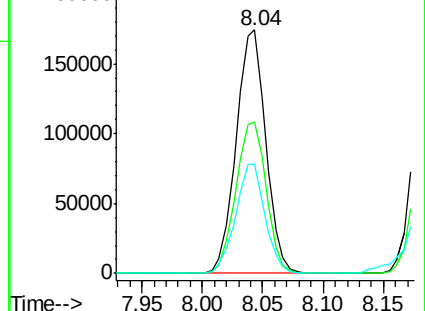
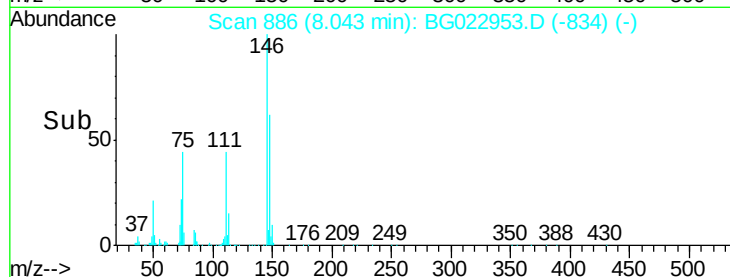
75 45.0 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 41.70 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

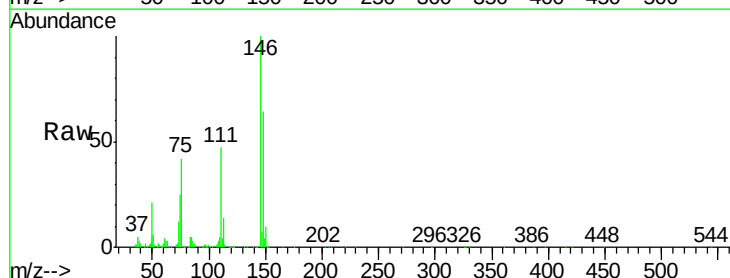
Tgt Ion:146 Resp: 305423

Ion Ratio Lower Upper

146 100

148 64.1 54.5 81.7

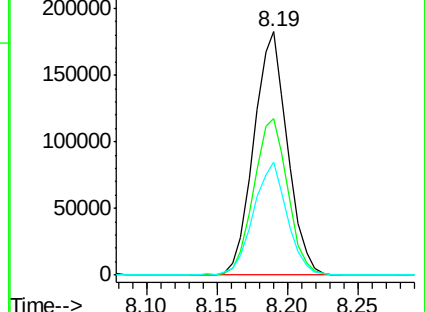
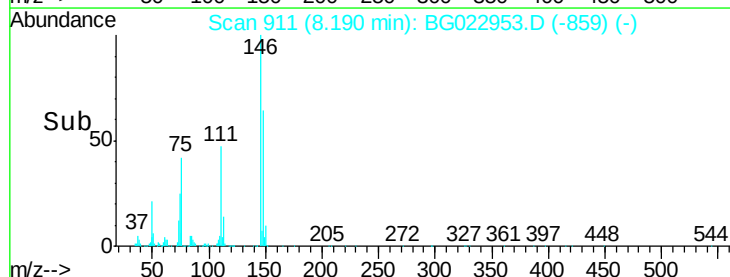
111 46.7 37.8 56.8

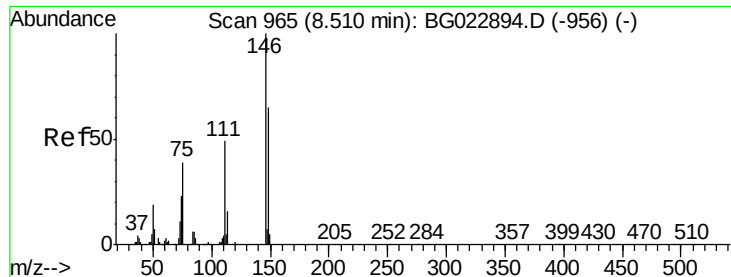


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

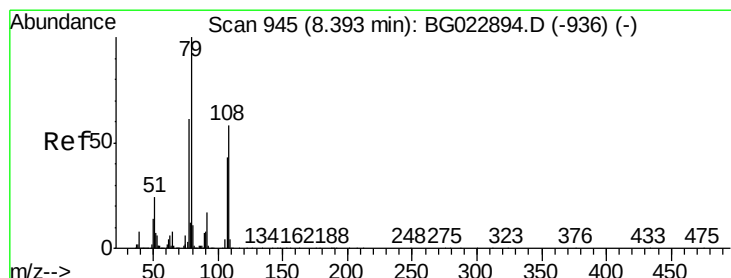
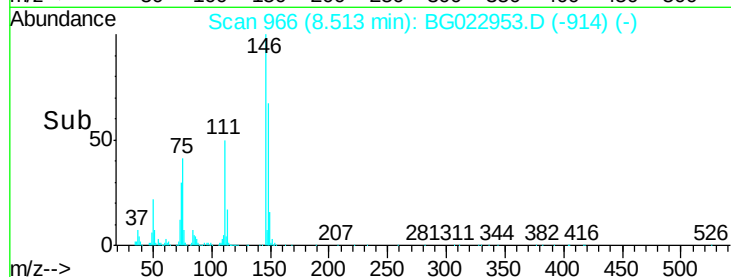
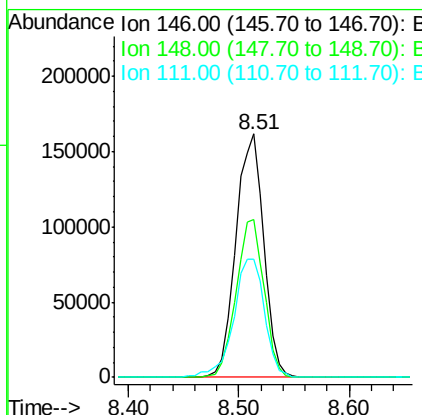
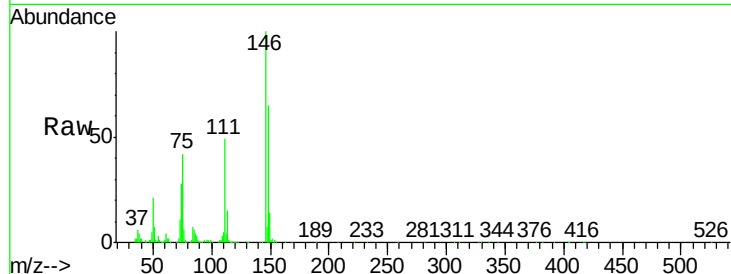




#14
 1,2-Dichlorobenzene
 Concen: 39.42 ng
 RT: 8.51 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

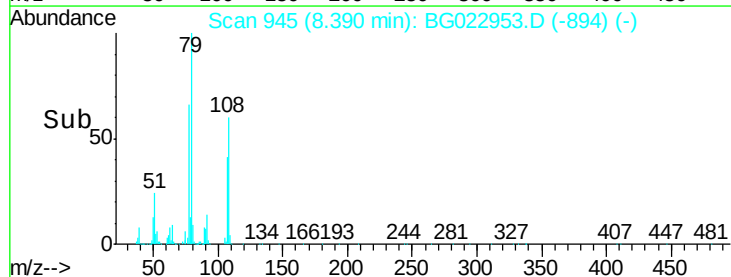
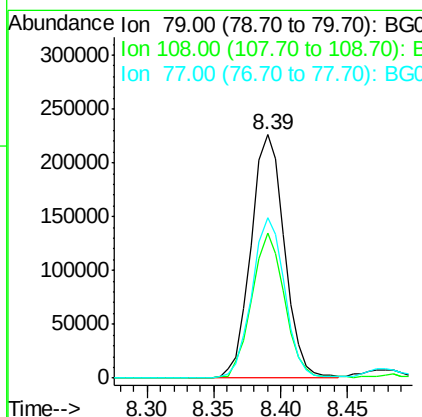
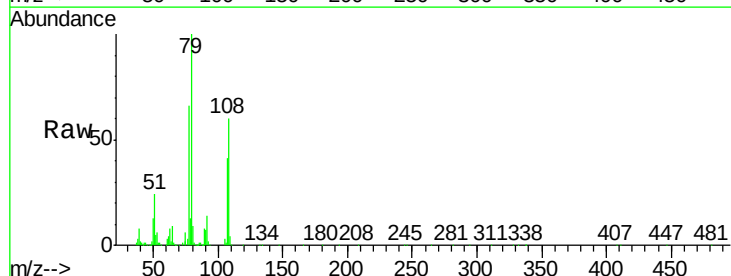
Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

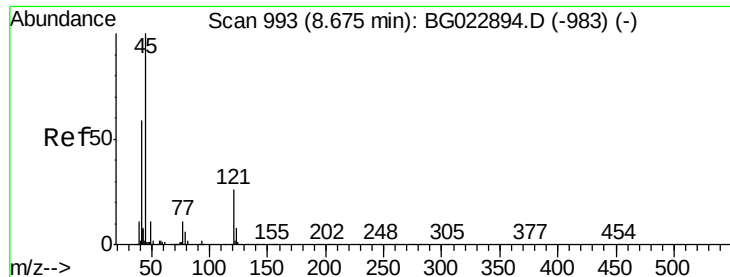
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.9	79.3
111	48.8	43.5	65.3



#15
 Benzyl Alcohol
 Concen: 48.41 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

Tgt Ion	Ratio	Lower	Upper
79	100		
108	59.8	46.5	69.7
77	65.6	52.3	78.5

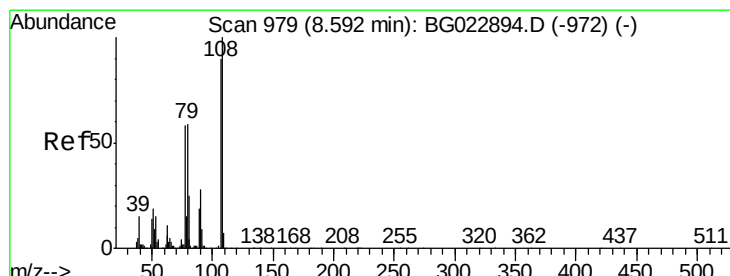
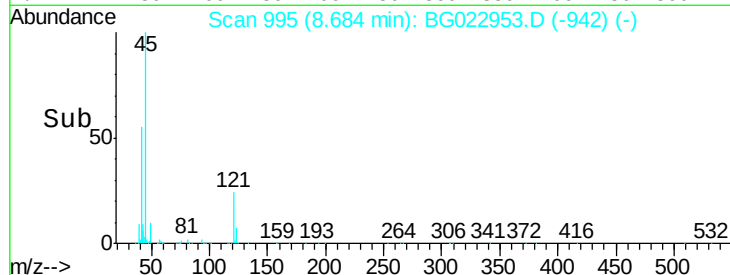
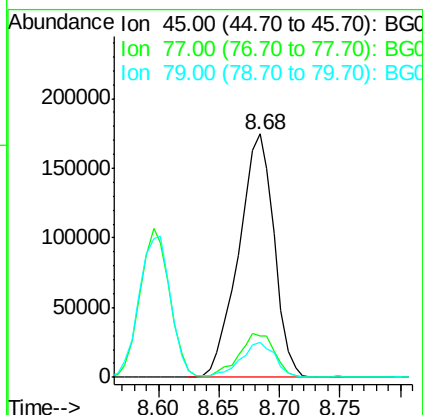
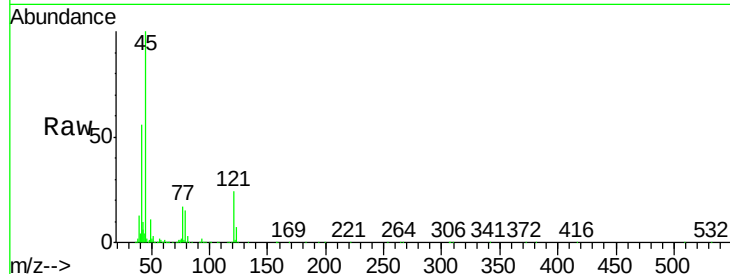




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.64 ng
RT: 8.68 min Scan# 995
Delta R.T. 0.01 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

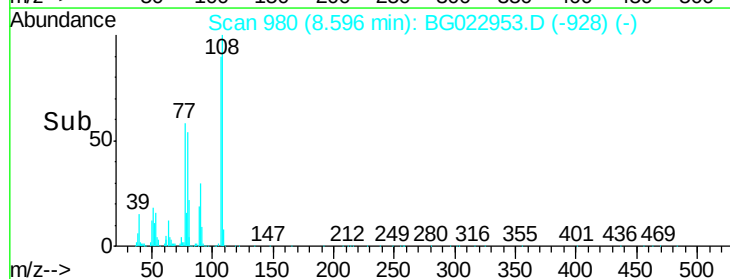
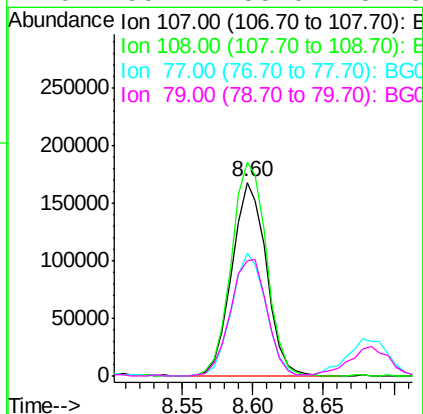
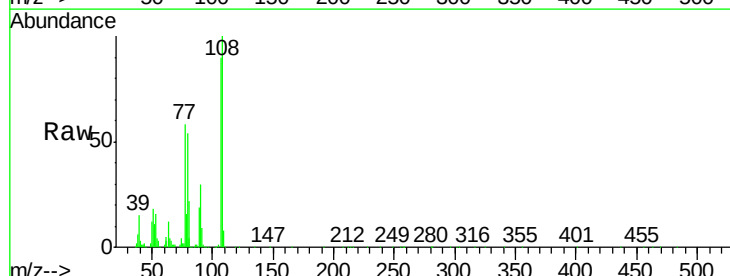
Instrument :
BNA_G
ClientSampleId :
PB91977BS

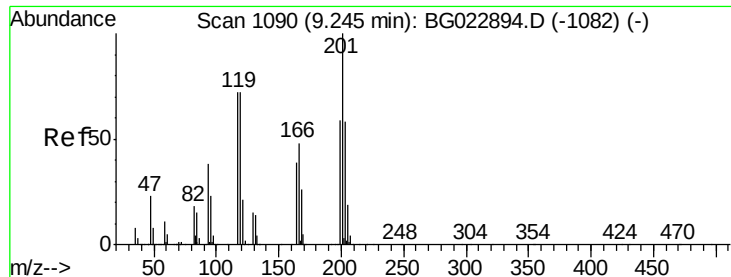
Tot Ion: 45 Resp: 356105
Ion Ratio Lower Upper
45 100
77 17.1 0.6 40.6
79 14.6 0.0 36.2



#17
2-Methylphenol
Concen: 48.31 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion: 107 Resp: 284591
Ion Ratio Lower Upper
107 100
108 110.5 92.0 138.0
77 63.8 55.8 83.6
79 59.4 55.0 82.6

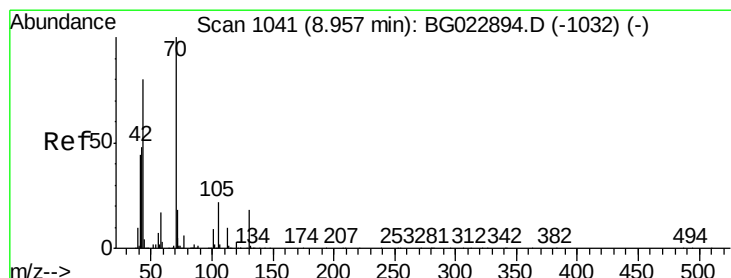
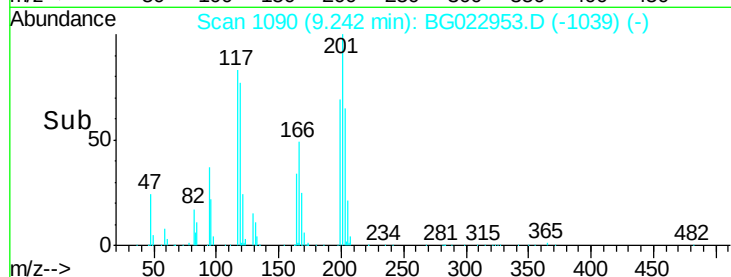
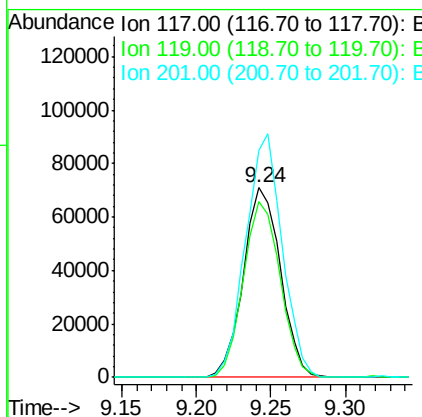
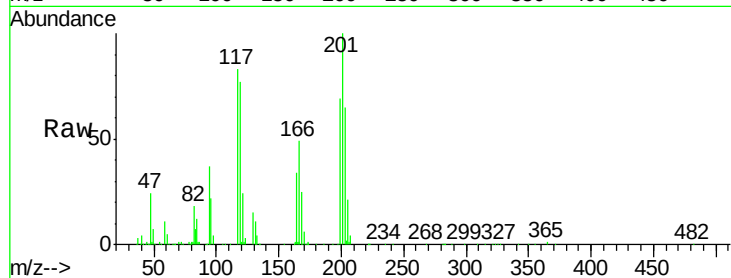




#18
Hexachloroethane
Concen: 39.55 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

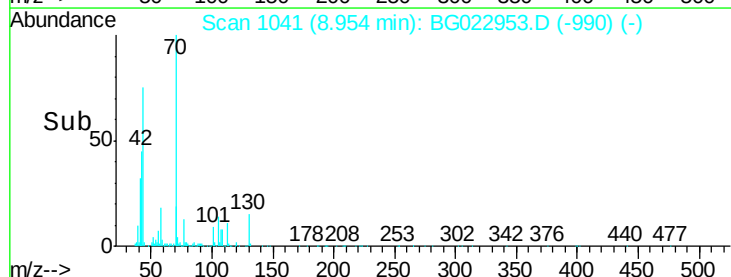
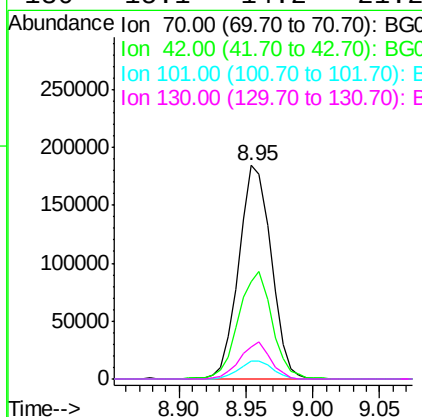
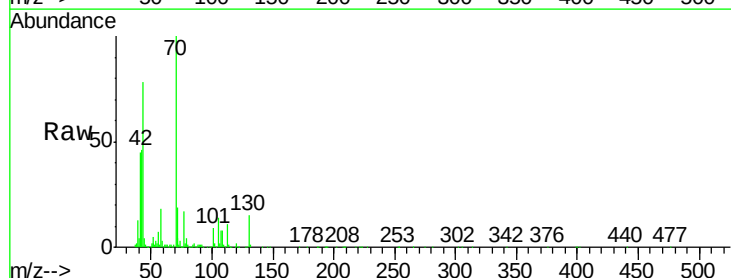
Instrument :
BNA_G
ClientSampleId :
PB91977BS

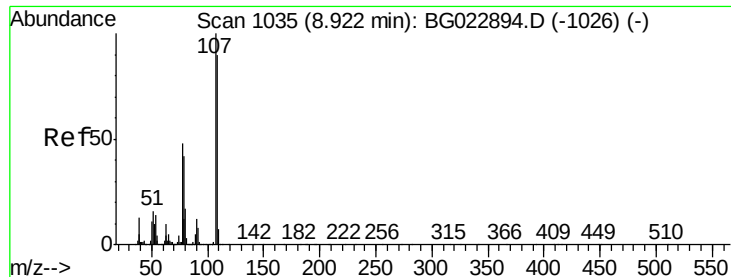
Tot Ion:117 Resp: 122263
Ion Ratio Lower Upper
117 100
119 92.5 73.7 110.5
201 119.8 88.7 133.1



#19
n-Nitroso-di-n-propylamine
Concen: 39.10 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion: 70 Resp: 310029
Ion Ratio Lower Upper
70 100
42 45.8 42.1 63.1
101 8.5 7.2 10.8
130 15.1 14.2 21.2





#20

3+4-Methylphenols

Concen: 47.47 ng

RT: 8.92 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

Tot Ion:107 Resp: 390008

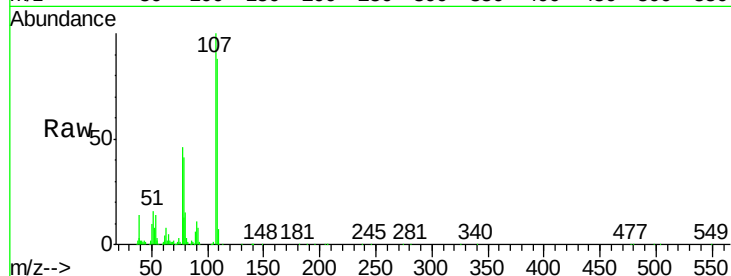
Ion Ratio Lower Upper

107 100

108 88.4 72.5 112.5

77 46.3 30.1 70.1

79 40.6 24.2 64.2

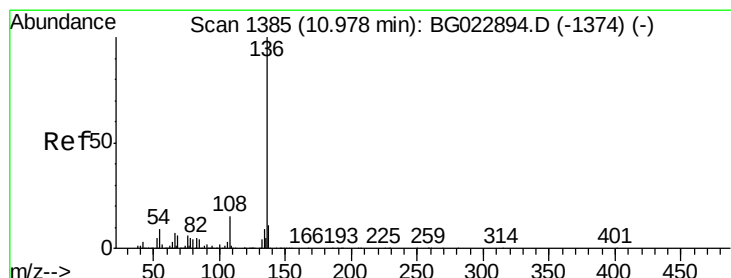
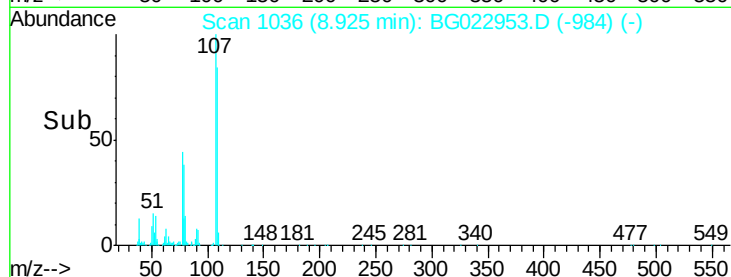
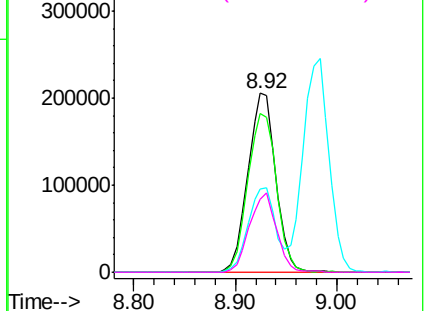


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion:136 Resp: 420751

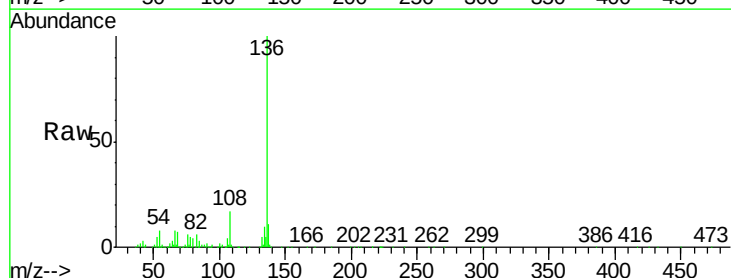
Ion Ratio Lower Upper

136 100

137 11.2 9.6 14.4

54 8.4 7.3 10.9

68 7.1 5.3 7.9

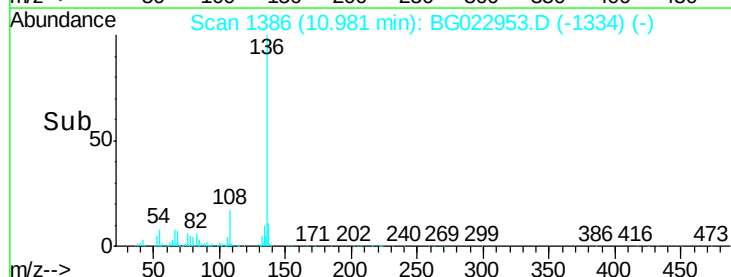
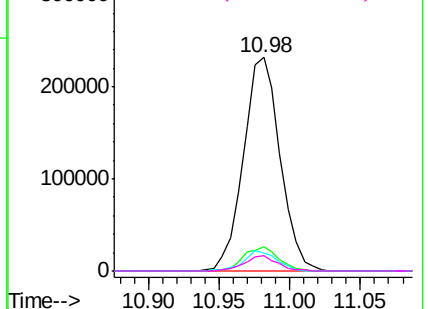


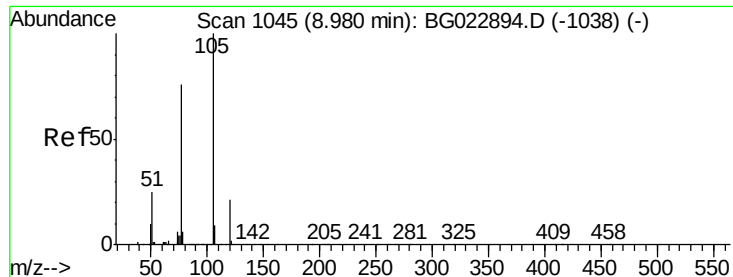
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 40.32 ng

RT: 8.98 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

Tot Ion:105 Resp: 509089

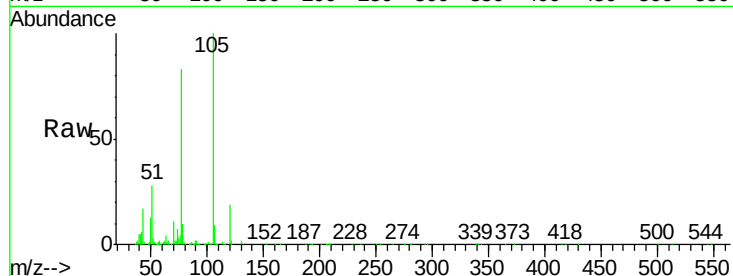
Ion Ratio Lower Upper

105 100

71 2.3 2.6 3.8#

51 27.9 27.1 40.7

120 19.4 15.1 22.7

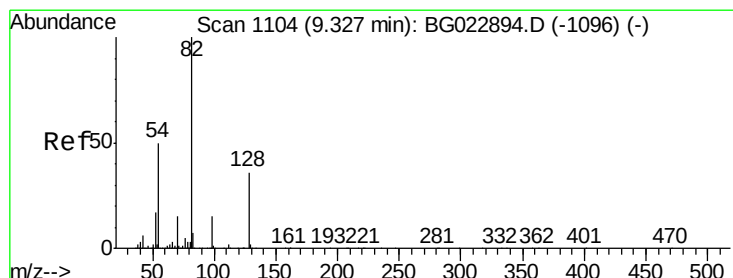
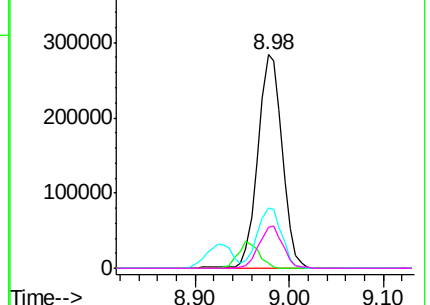
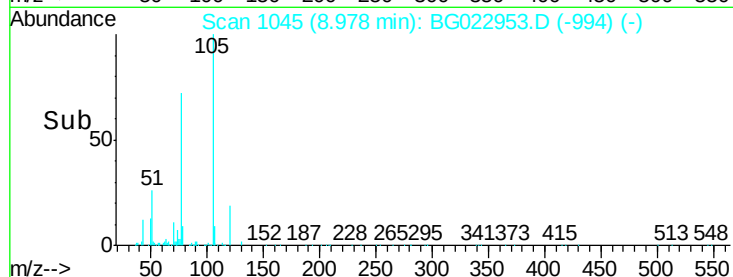


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.94 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

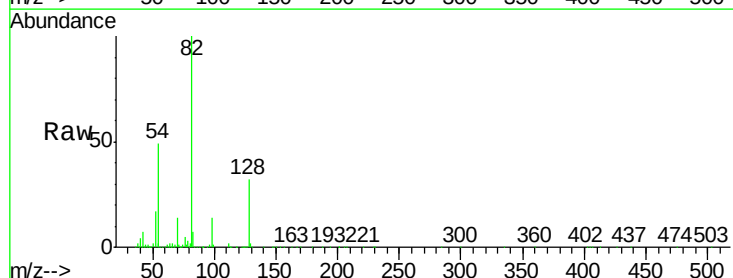
Tgt Ion: 82 Resp: 864120

Ion Ratio Lower Upper

82 100

128 32.3 24.4 36.6

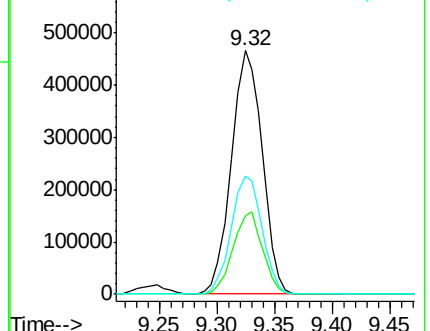
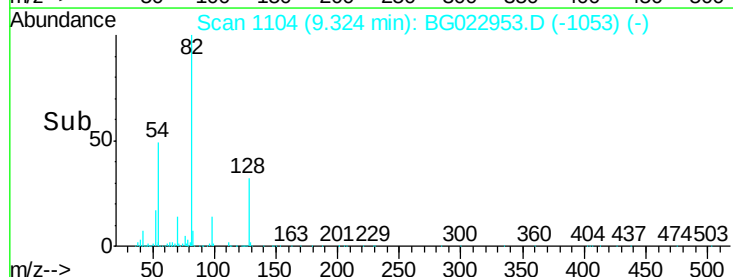
54 48.6 41.4 62.0

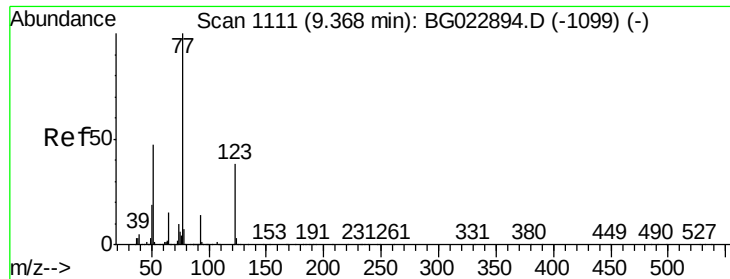


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

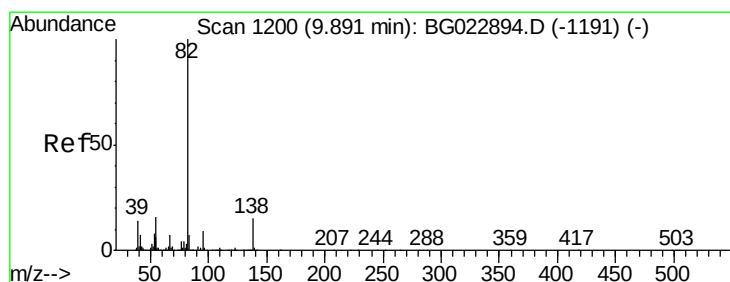
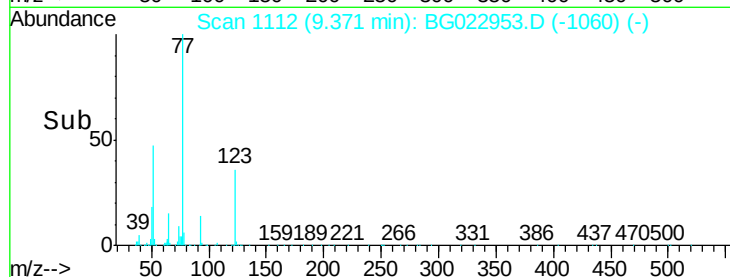
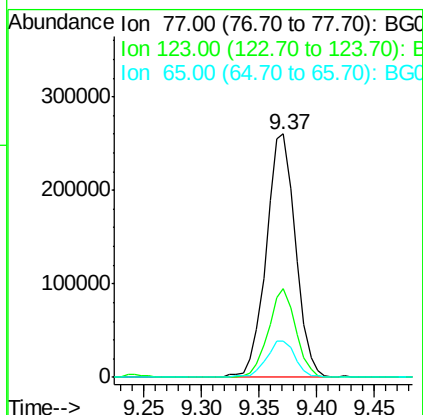
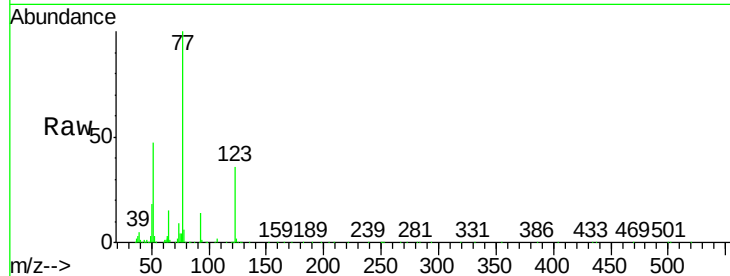




#24
 Nitrobenzene
 Concen: 44.30 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

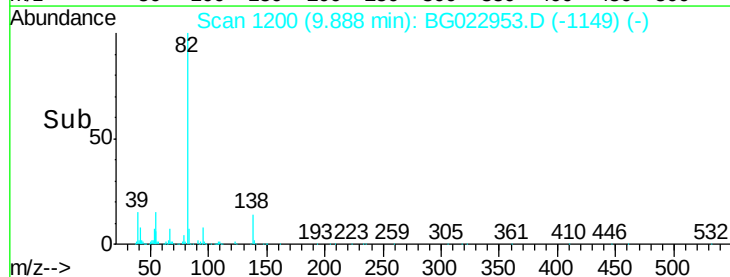
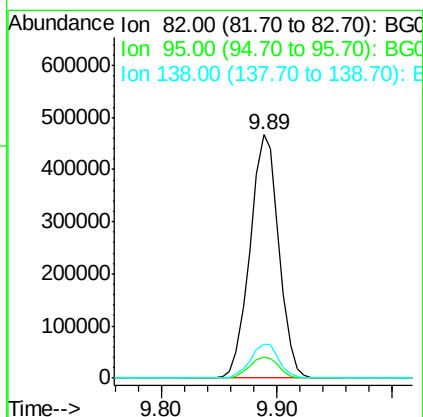
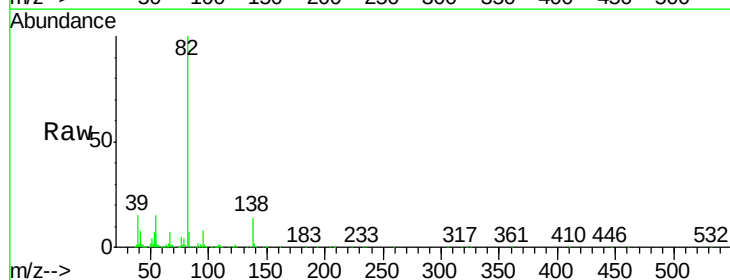
Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

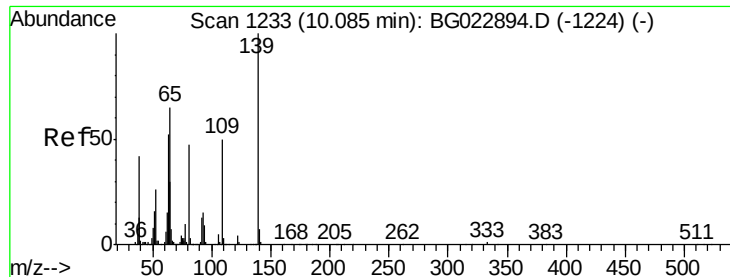
Tot Ion	Ratio	Lower	Upper
77	100		
123	36.4	25.0	37.6
65	14.7	13.4	20.0



#25
 Isophorone
 Concen: 40.95 ng
 RT: 9.89 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.5	8.2	12.2
138	14.1	10.7	16.1

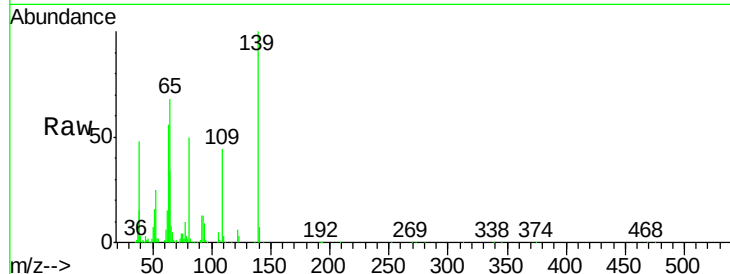




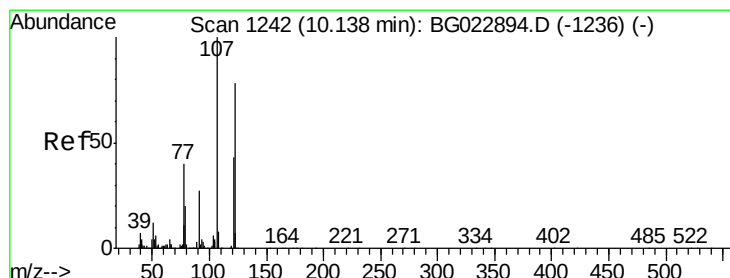
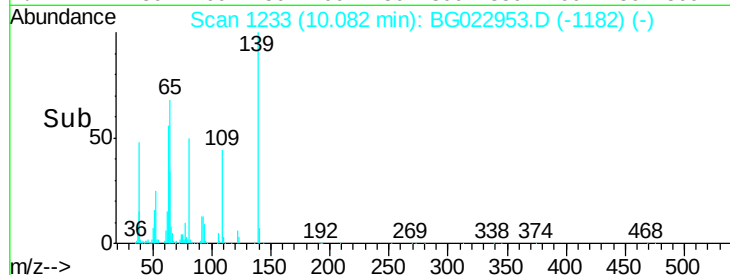
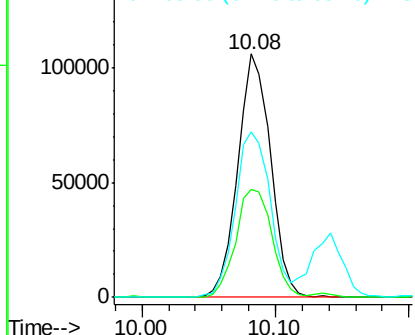
#26
2-Nitrophenol
Concen: 43.96 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Instrument :
BNA_G
ClientSampleId :
PB91977BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	44.3	43.5	65.3
65	68.2	64.3	96.5

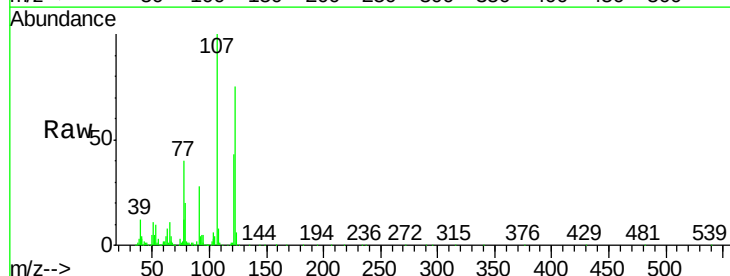


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

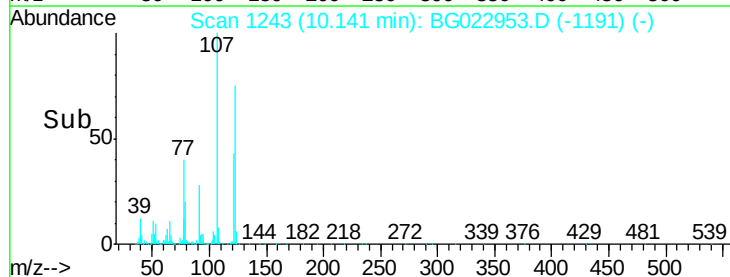
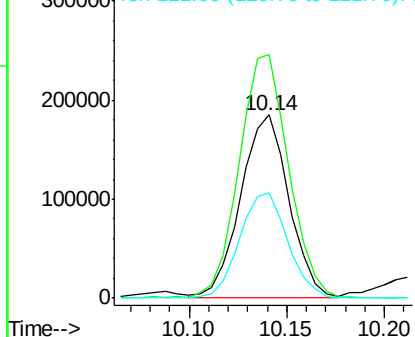


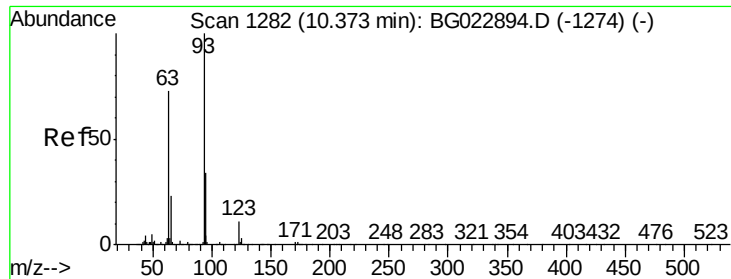
#27
2,4-Dimethylphenol
Concen: 44.35 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.1	117.0	175.4
121	57.8	50.1	75.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

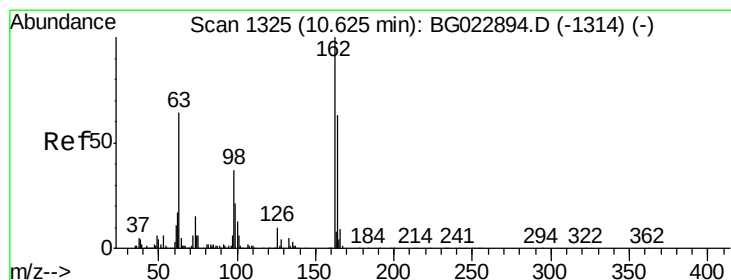
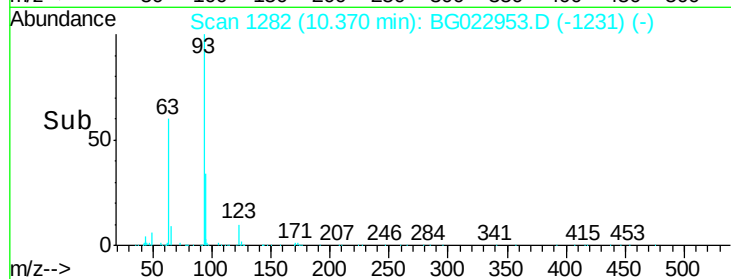
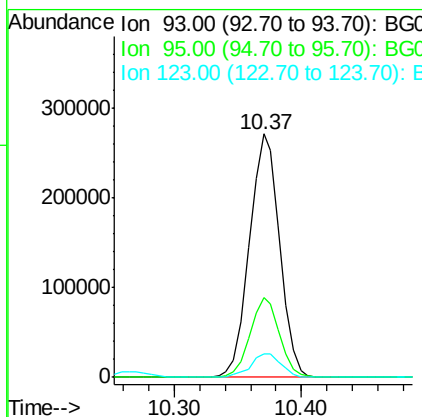
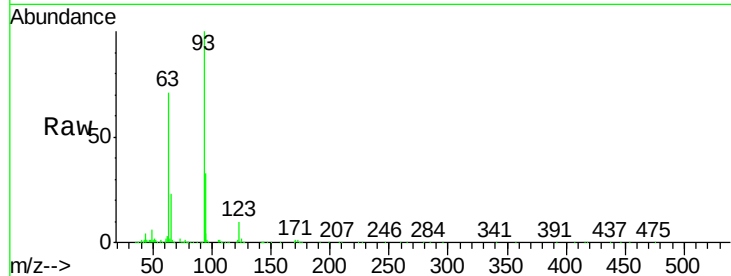




#28
bis(2-Chloroethoxy)methane
Concen: 40.66 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

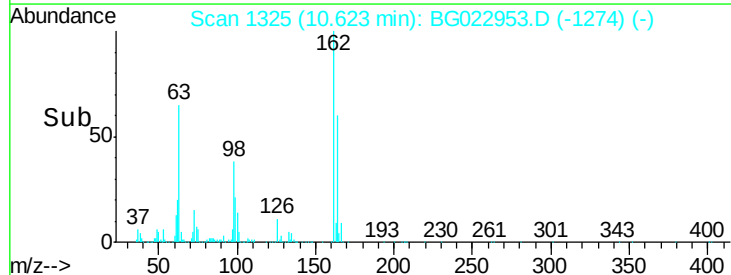
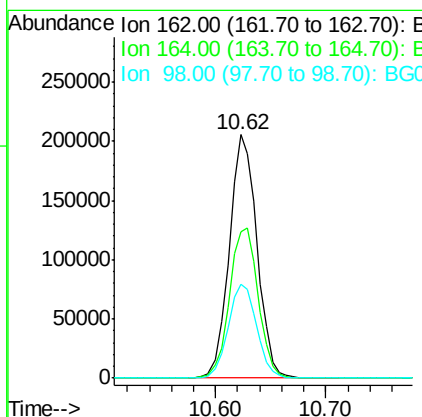
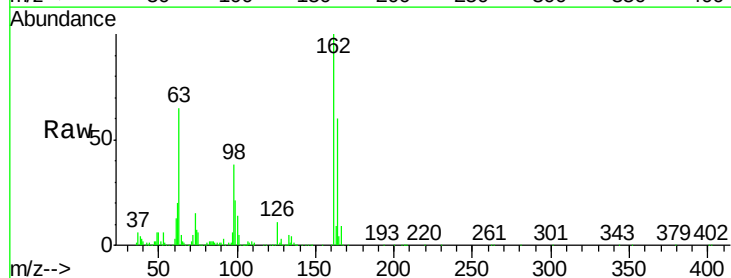
Instrument :
BNA_G
ClientSampleId :
PB91977BS

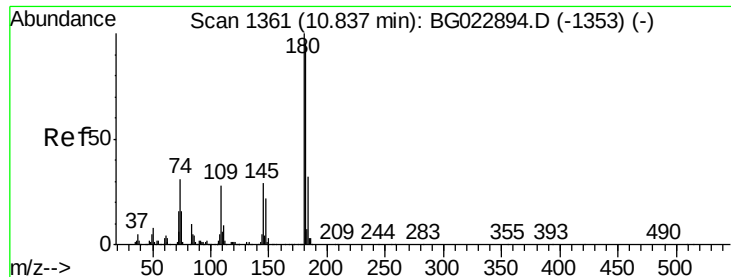
Tot Ion: 93 Resp: 448161
Ion Ratio Lower Upper
93 100
95 33.0 25.4 38.2
123 9.8 8.2 12.2



#29
2,4-Dichlorophenol
Concen: 47.80 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion: 162 Resp: 361083
Ion Ratio Lower Upper
162 100
164 60.3 44.3 84.3
98 38.3 19.5 59.5

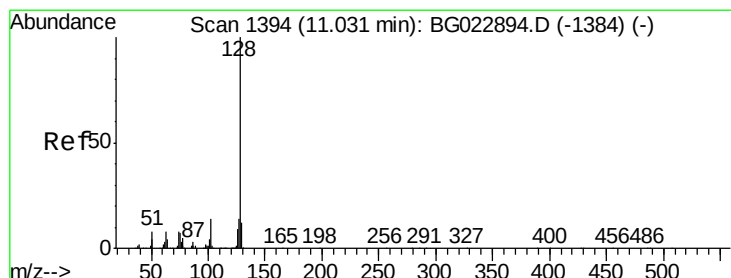
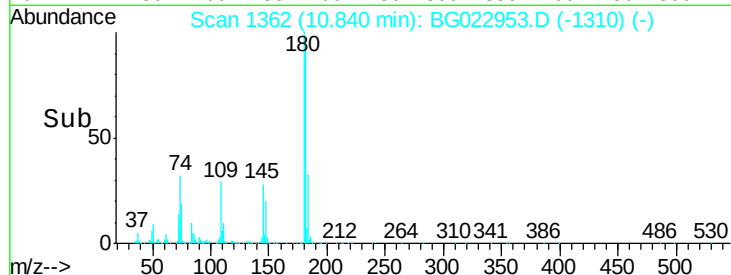
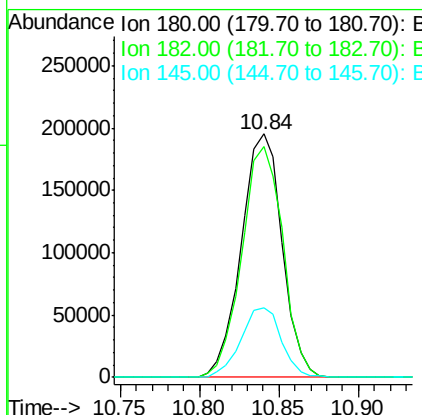
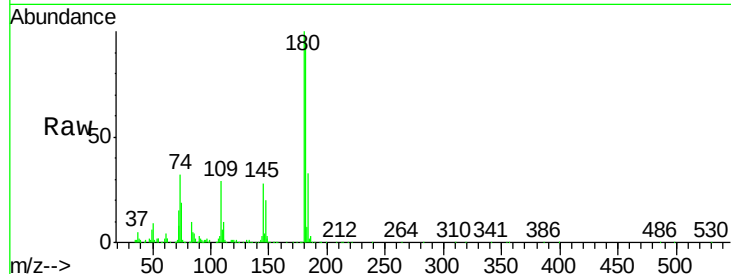




#30
1,2,4-Trichlorobenzene
Concen: 40.38 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

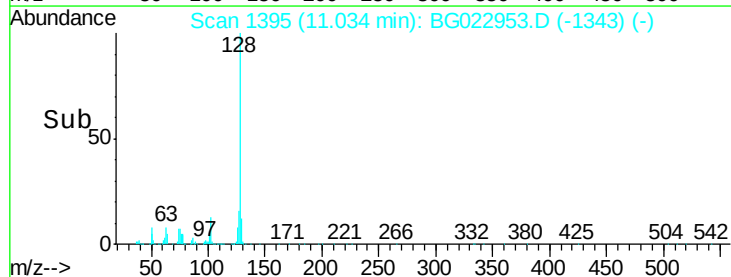
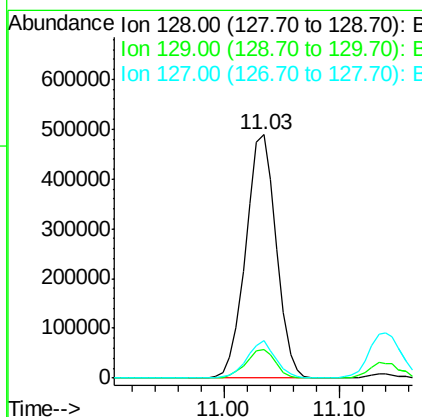
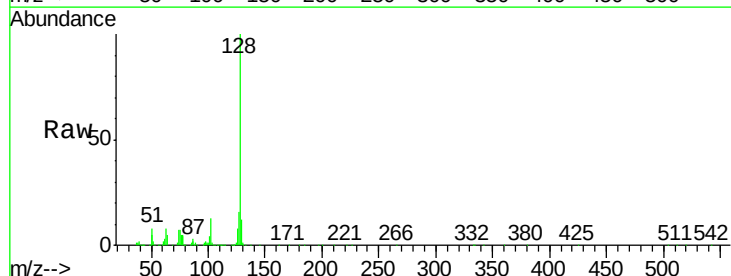
Instrument :
BNA_G
ClientSampleId :
PB91977BS

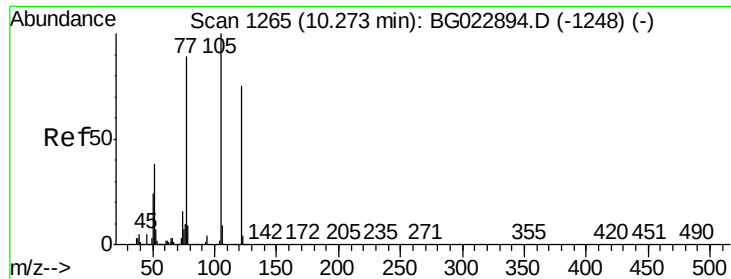
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.8	110.8
145	28.4	24.4	36.6



#31
Naphthalene
Concen: 41.89 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	15.5	11.3	16.9





#32

Benzoic acid

Concen: 34.93 ng

RT: 10.27 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

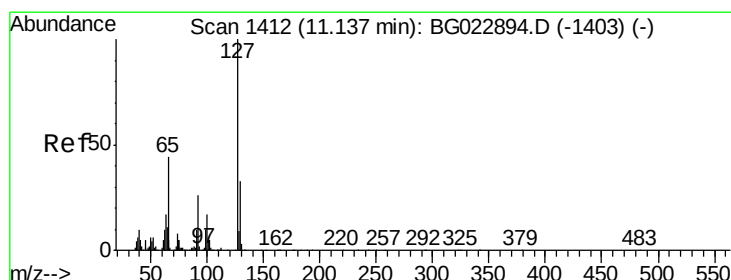
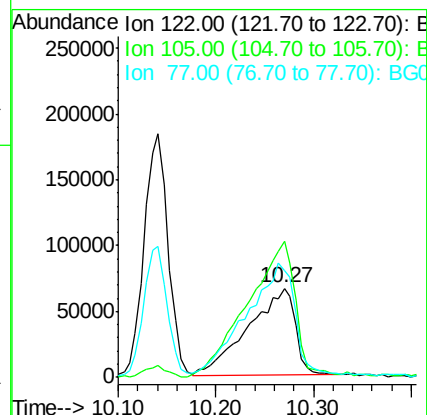
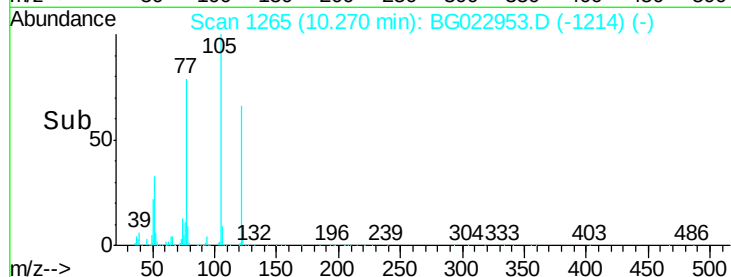
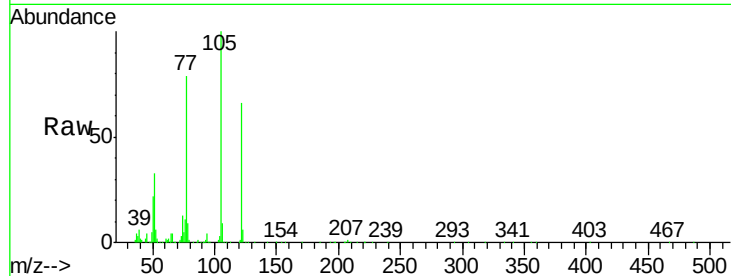
Tot Ion:122 Resp: 225079

Ion Ratio Lower Upper

122 100

105 152.5 117.2 157.2

77 119.9 109.2 149.2



#33

4-Chloroaniline

Concen: 17.27 ng

RT: 11.14 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion:127 Resp: 180884

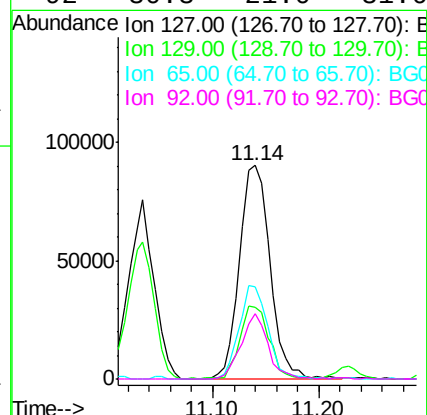
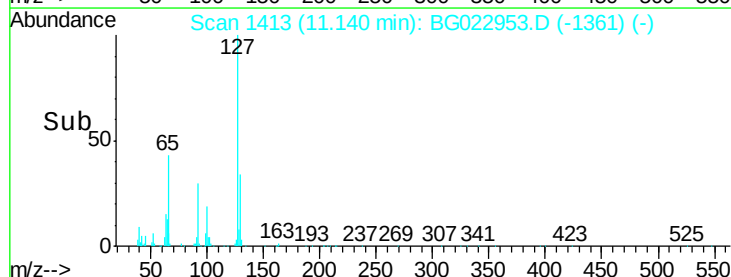
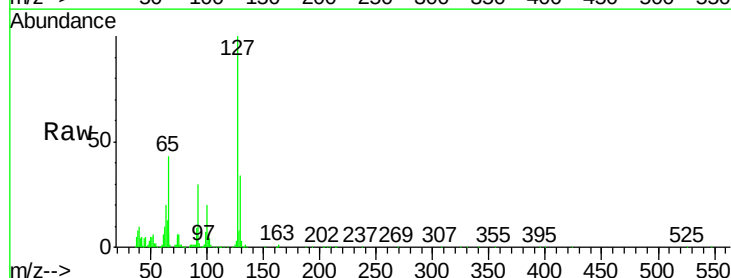
Ion Ratio Lower Upper

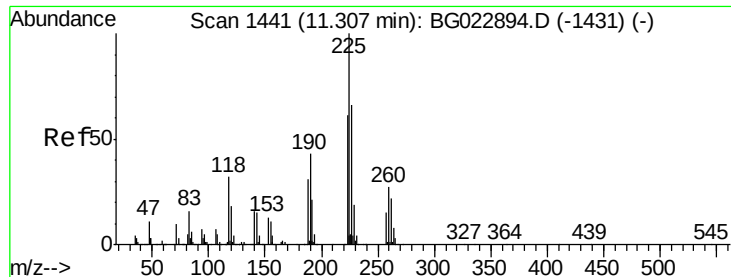
127 100

129 33.7 27.9 41.9

65 43.3 36.8 55.2

92 30.3 21.0 31.6

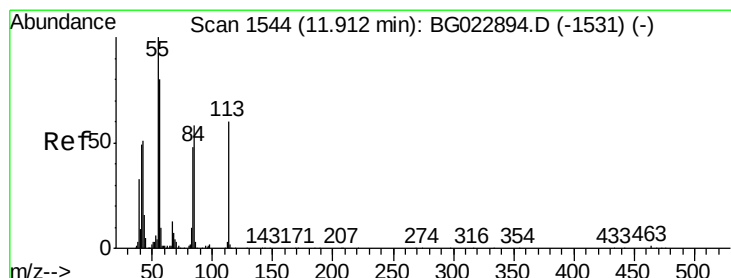
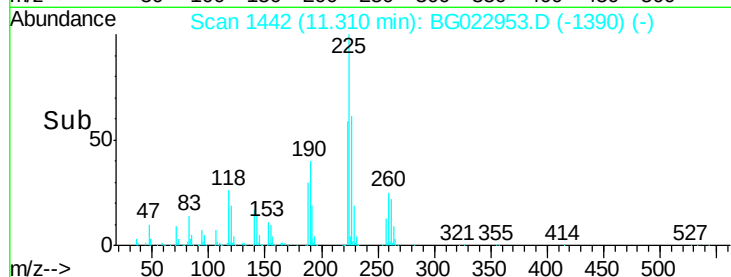
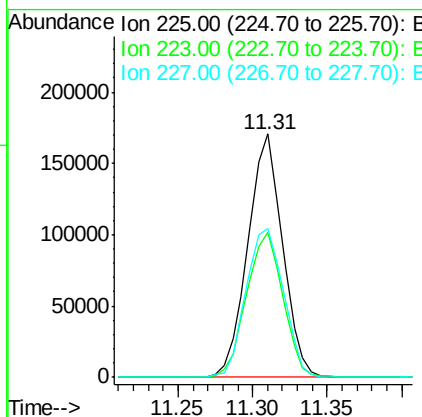
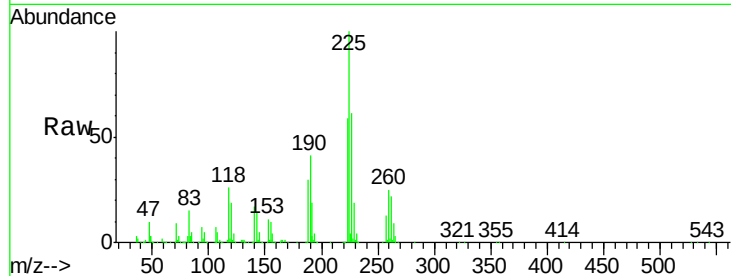




#34
Hexachlorobutadiene
Concen: 39.09 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

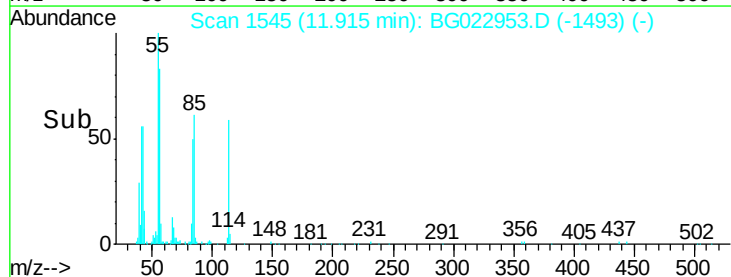
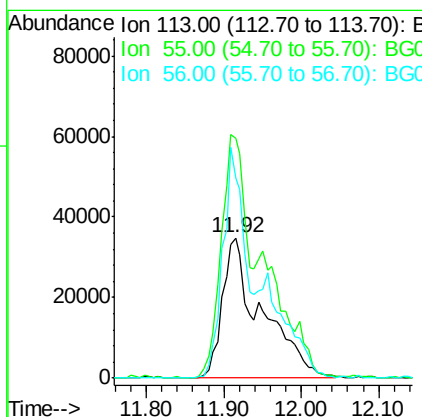
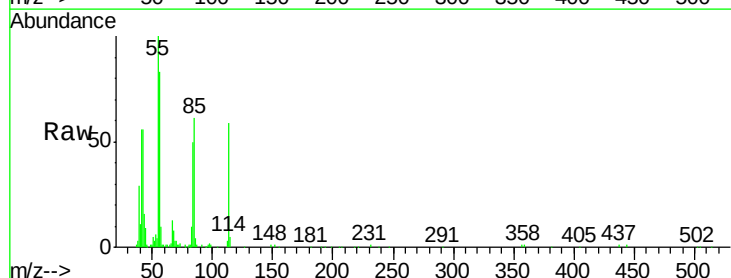
Instrument :
BNA_G
ClientSampleId :
PB91977BS

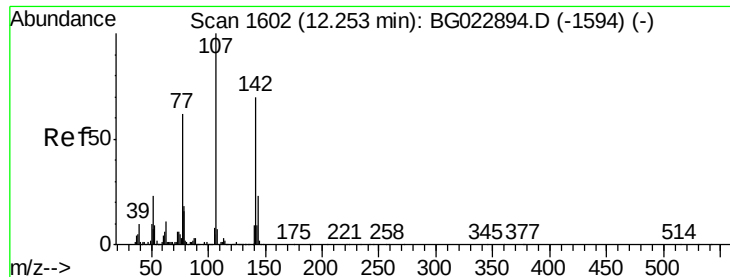
Tot Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.6	74.4
227	61.1	54.5	81.7



#35
Caprolactam
Concen: 39.60 ng m
RT: 11.92 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion	Ratio	Lower	Upper
113	100		
55	170.9	154.5	194.5
56	142.2	125.1	165.1

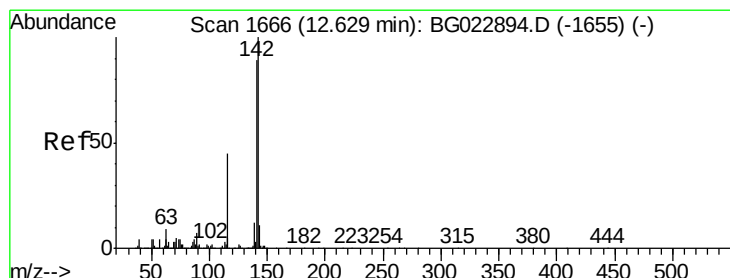
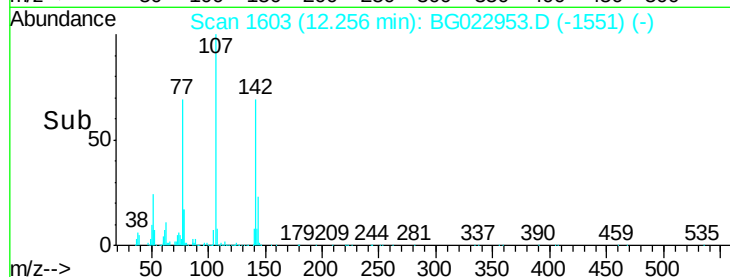
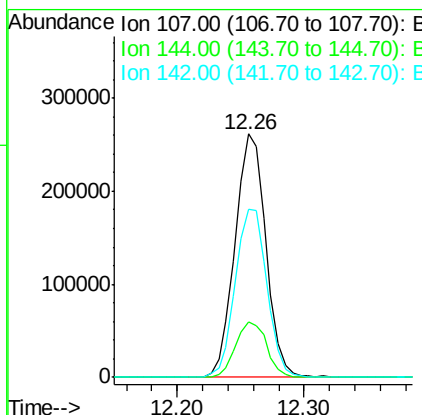
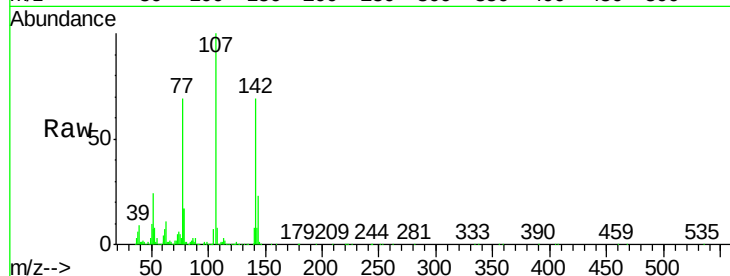




#36
4-Chloro-3-methylphenol
Concen: 42.65 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

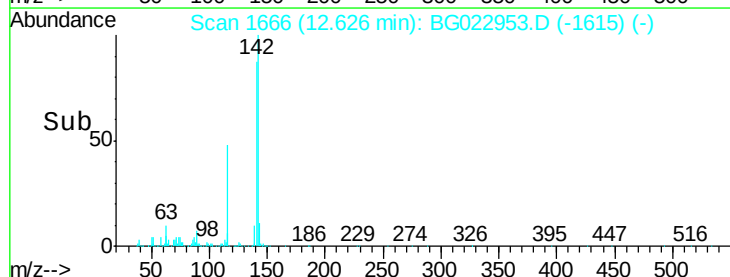
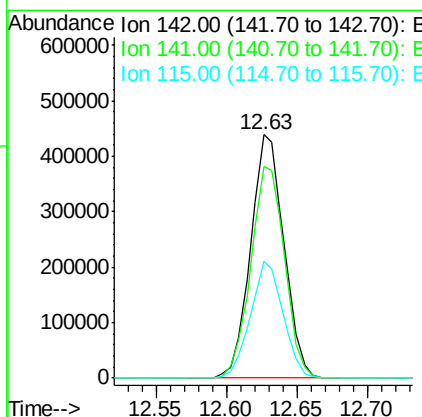
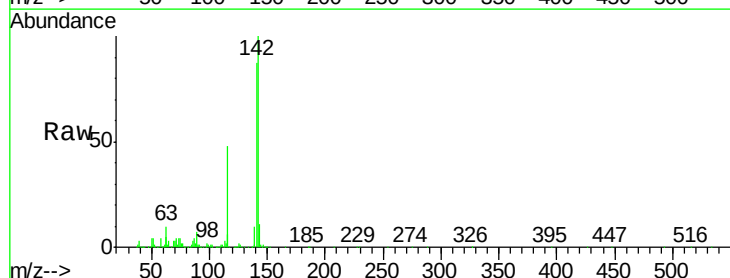
Instrument :
BNA_G
ClientSampleId :
PB91977BS

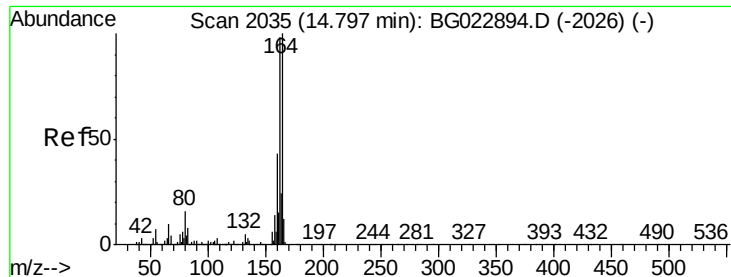
Tot Ion:107 Resp: 440582
Ion Ratio Lower Upper
107 100
144 22.9 17.0 25.6
142 69.2 53.0 79.6



#37
2-Methylnaphthalene
Concen: 42.94 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:142 Resp: 726892
Ion Ratio Lower Upper
142 100
141 86.8 70.2 105.2
115 48.3 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

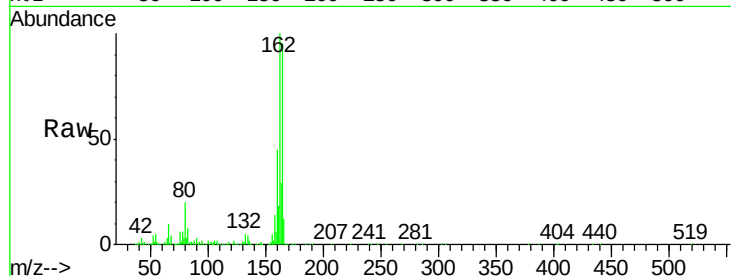
BNA_G

ClientSampleId :

PB91977BS

Tot Ion:164 Resp: 327767

Ion	Ratio	Lower	Upper
164	100		
162	105.0	87.7	131.5
160	47.0	37.2	55.8

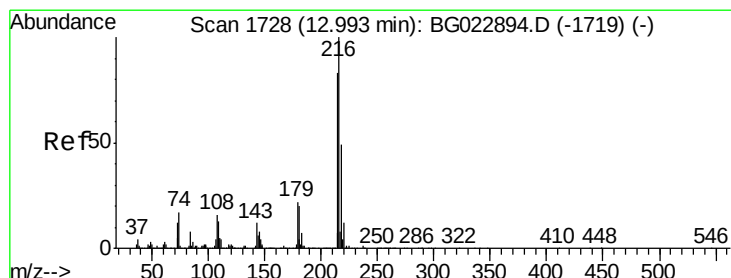
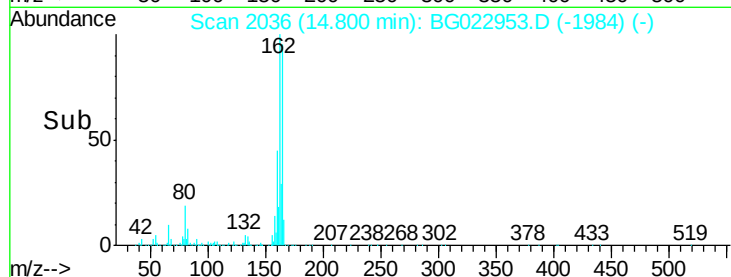
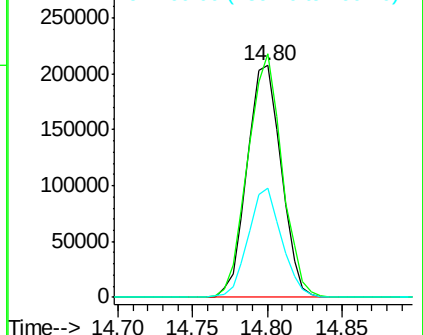


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.16 ng

RT: 12.99 min Scan# 1728

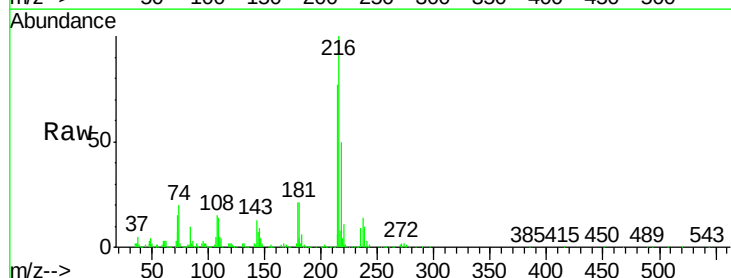
Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion:216 Resp: 482510

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.9	94.3
179	20.6	17.2	25.8
108	19.8	16.3	24.5



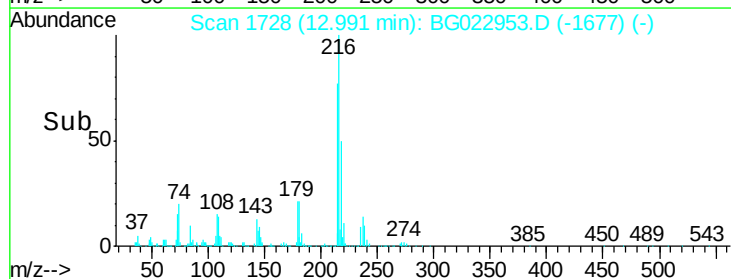
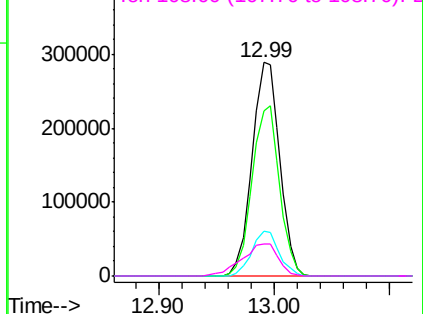
Abundance

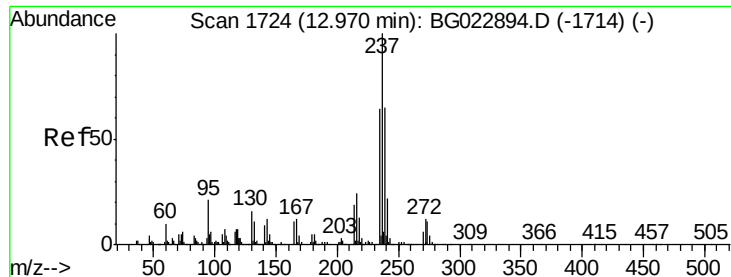
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 80.23 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampled :

PB91977BS

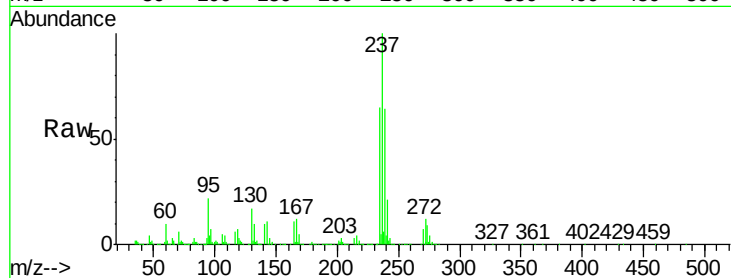
Tot Ion:237 Resp: 652349

Ion	Ratio	Lower	Upper
237	100		
235	65.4	43.1	83.1
272	12.1	0.0	30.9

237 100

235 65.4 43.1 83.1

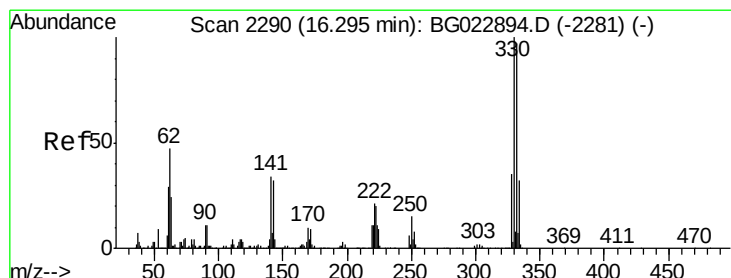
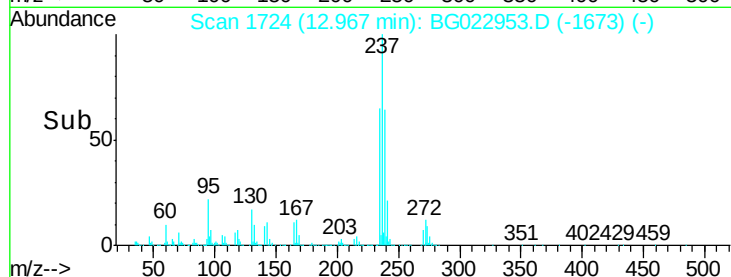
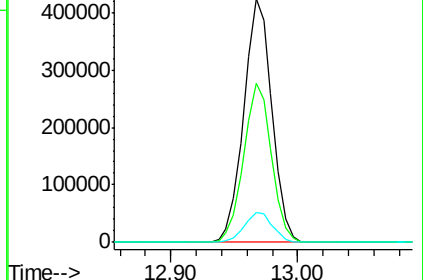
272 12.1 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 120.46 ng

RT: 16.29 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

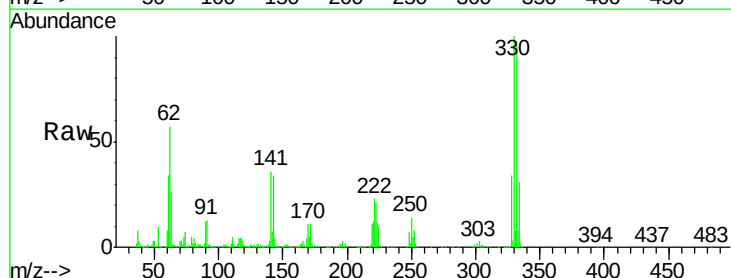
Tgt Ion:330 Resp: 709625

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	36.4	31.7	47.5

330 100

332 96.2 77.4 116.2

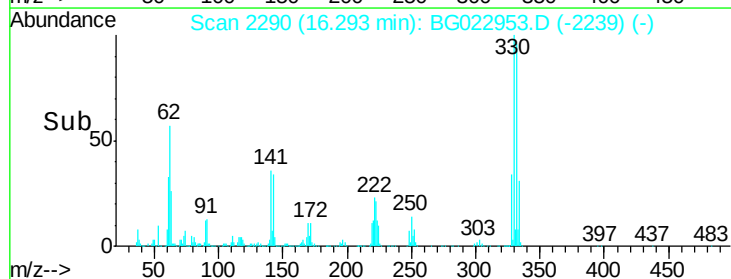
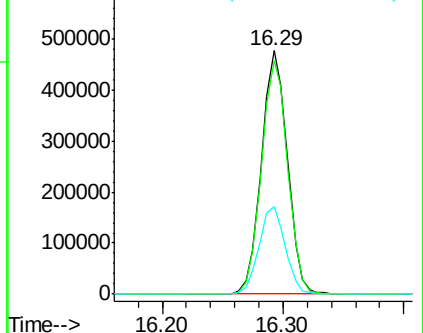
141 36.4 31.7 47.5

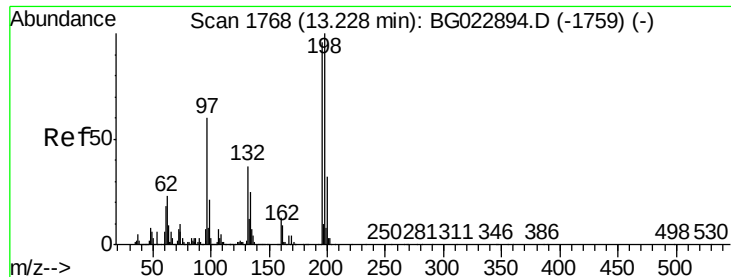


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

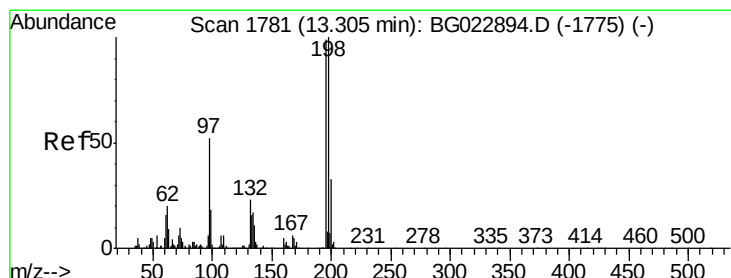
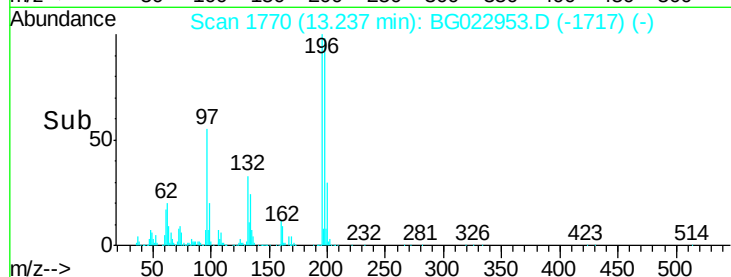
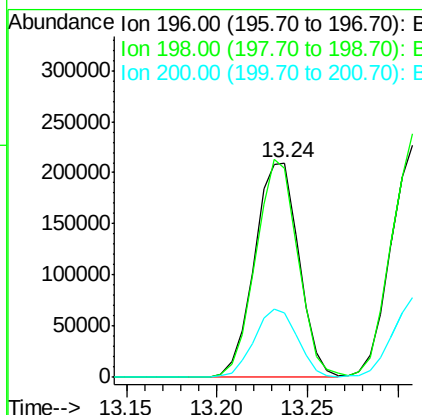
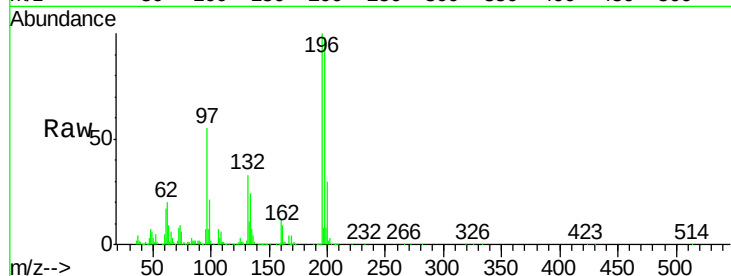




#42
 2,4,6-Trichlorophenol
 Concen: 43.82 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

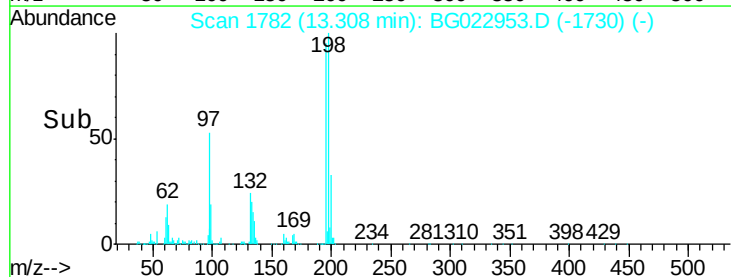
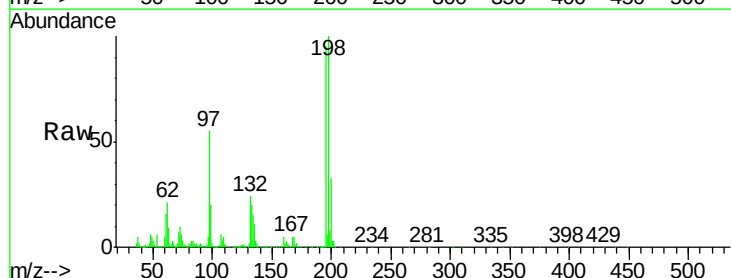
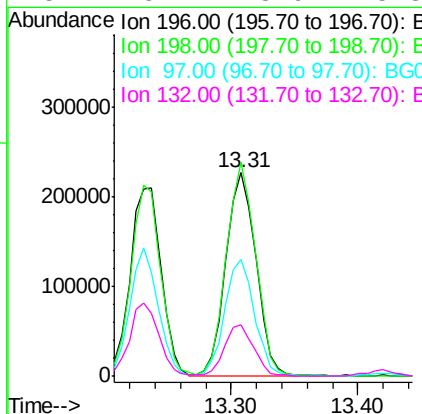
Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

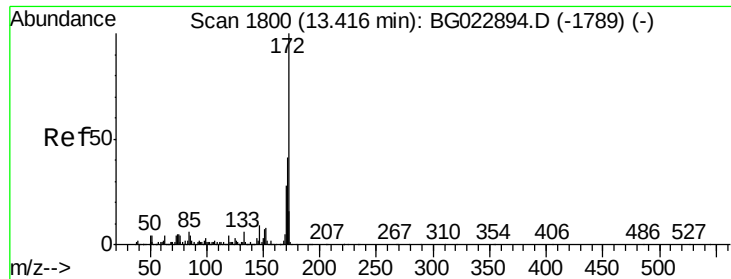
Tot Ion:196 Resp: 355748
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.2 117.2
 200 30.2 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 44.66 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

Tgt Ion:196 Resp: 372290
 Ion Ratio Lower Upper
 196 100
 198 105.2 85.7 128.5
 97 57.4 45.5 68.3
 132 25.1 18.9 28.3

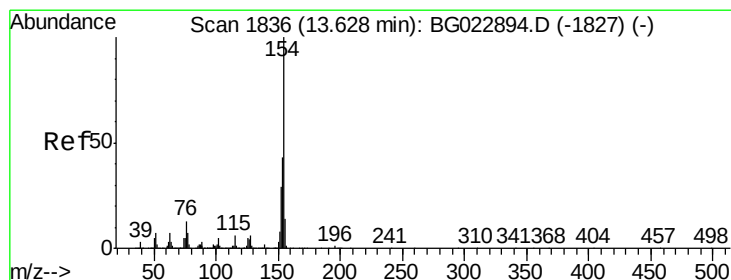
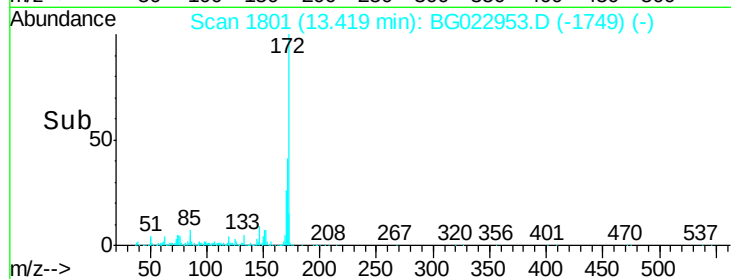
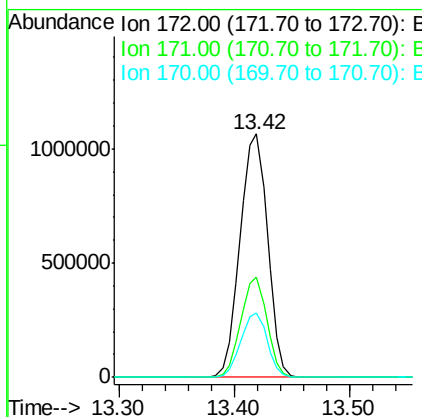
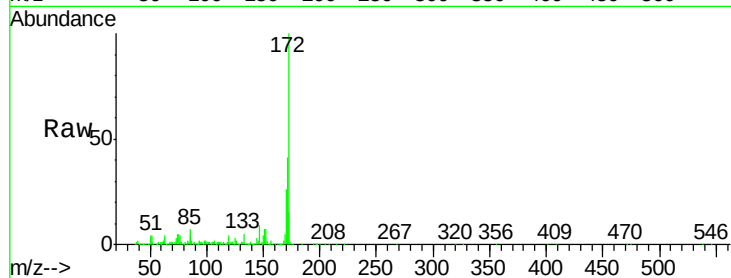




#44
2-Fluorobiphenyl
Concen: 84.82 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

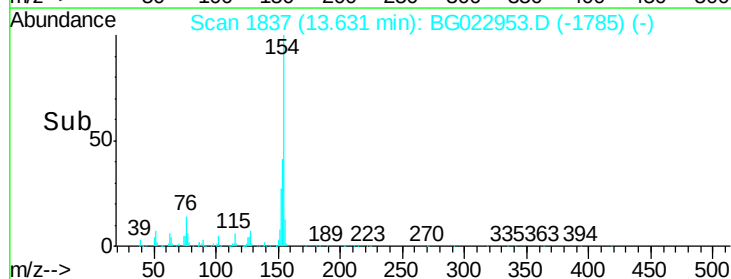
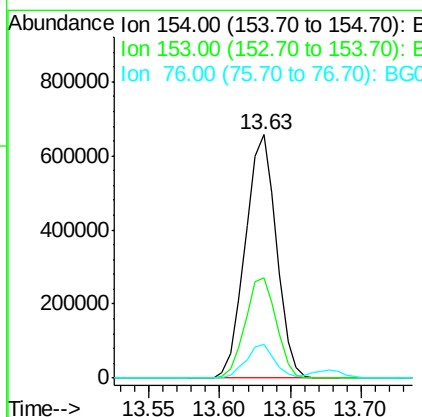
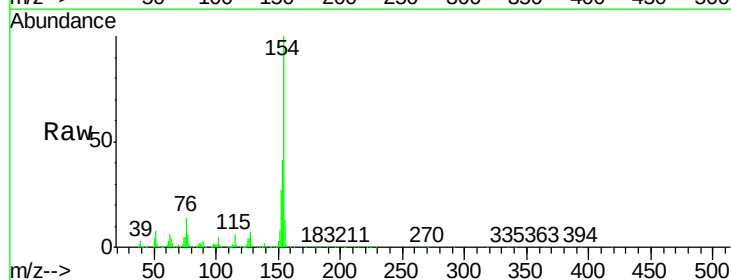
Instrument :
BNA_G
ClientSampleId :
PB91977BS

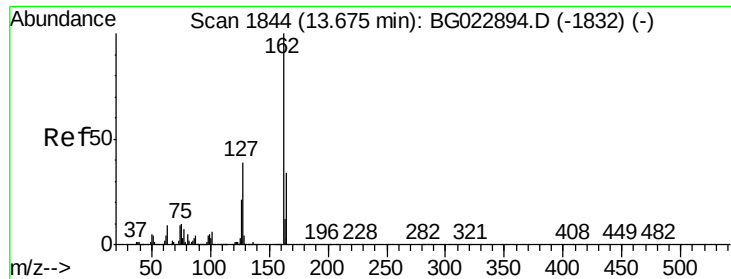
Tot Ion:172 Resp: 1764938
Ion Ratio Lower Upper
172 100
171 41.0 31.6 47.4
170 26.5 21.3 31.9



#45
1,1'-Biphenyl
Concen: 41.26 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:154 Resp: 1014674
Ion Ratio Lower Upper
154 100
153 41.1 20.2 60.2
76 13.8 0.0 32.9

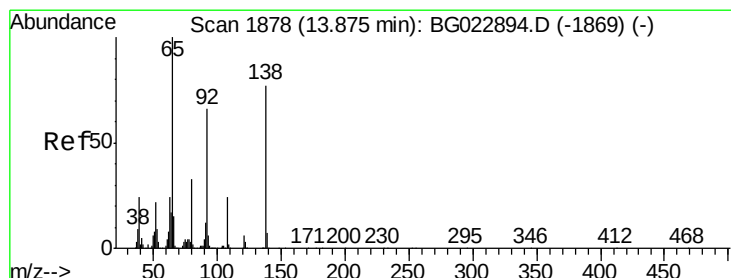
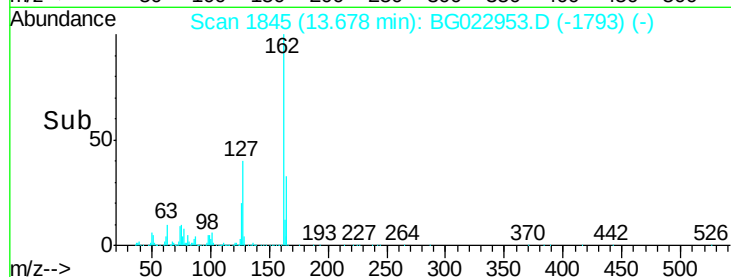
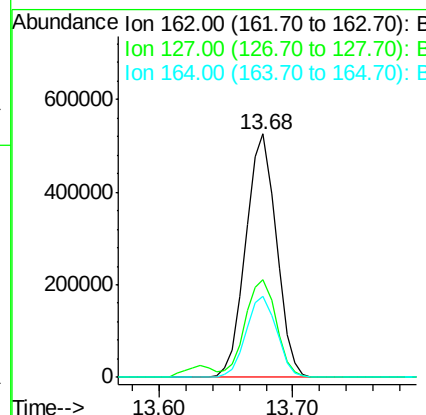
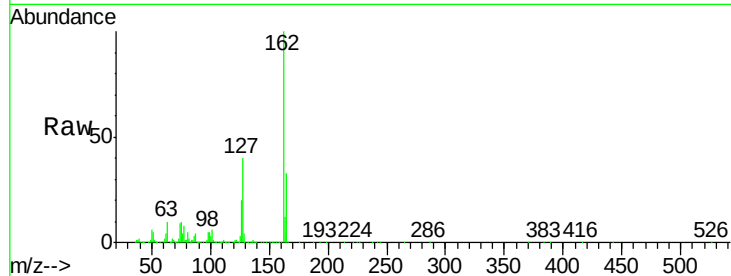




#46
 2-Chloronaphthalene
 Concen: 41.64 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

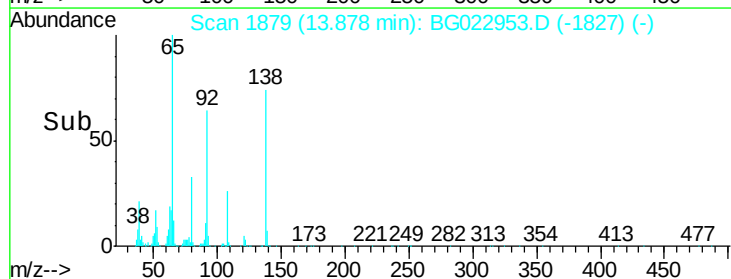
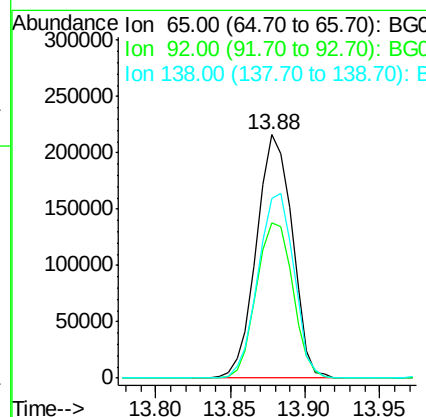
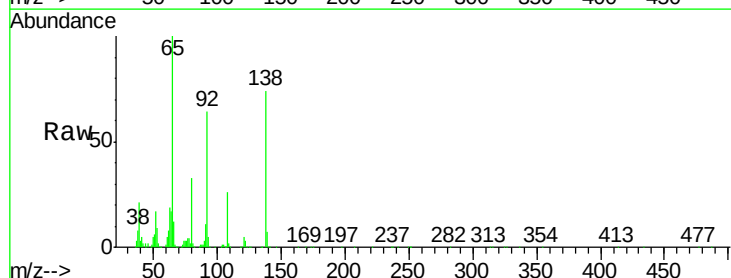
Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

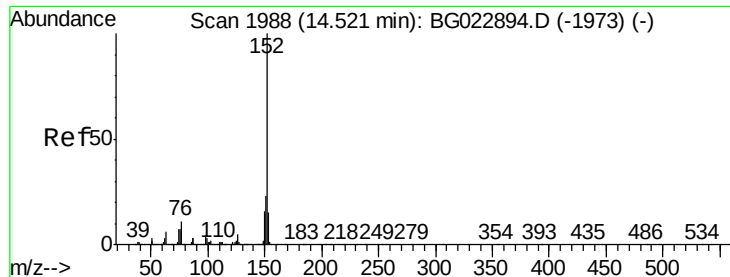
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	32.4	48.6
164	33.4	25.2	37.8



#47
 2-Nitroaniline
 Concen: 42.08 ng
 RT: 13.88 min Scan# 1879
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.7	49.4	74.0
138	73.9	58.0	87.0





#48

Acenaphthylene

Concen: 42.39 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

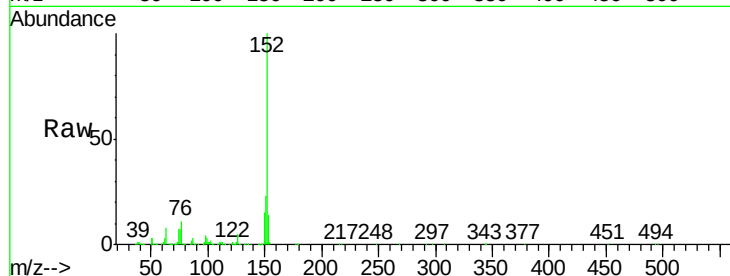
BNA_G

ClientSampleId :

PB91977BS

Tot Ion:152 Resp: 1268471

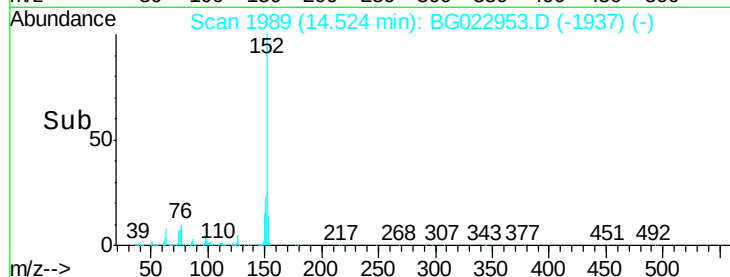
Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.6	26.4
153	14.5	11.4	17.2



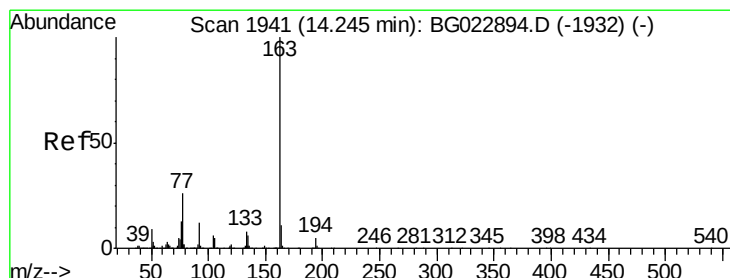
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#49

Dimethylphthalate

Concen: 42.56 ng

RT: 14.24 min Scan# 1941

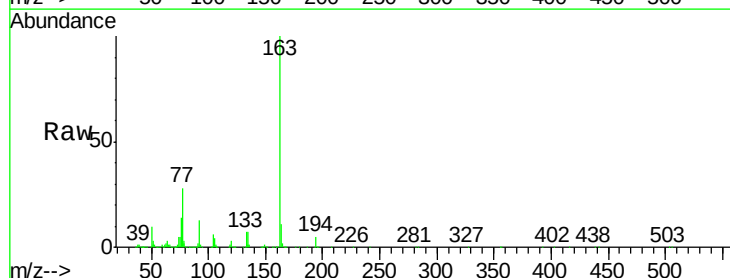
Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion:163 Resp: 1139536

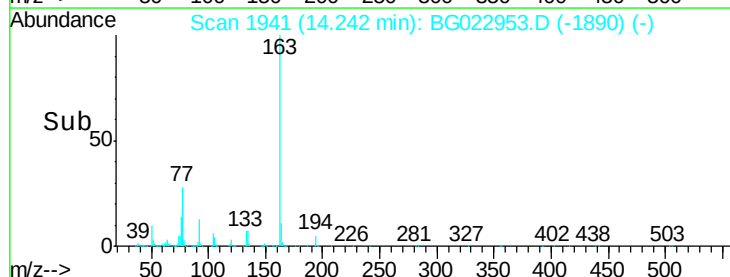
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.6	5.4
164	11.3	8.1	12.1



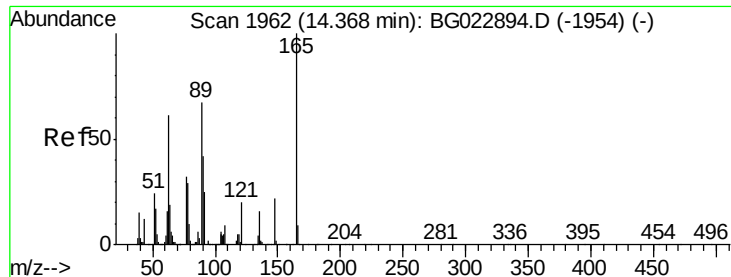
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



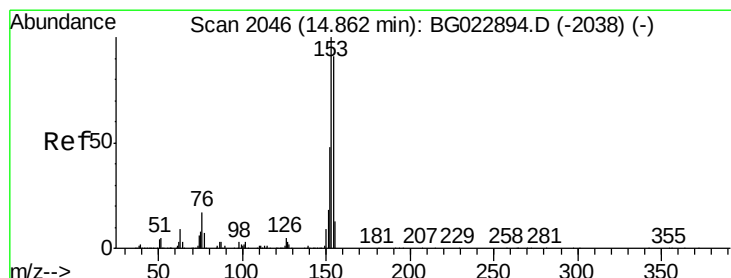
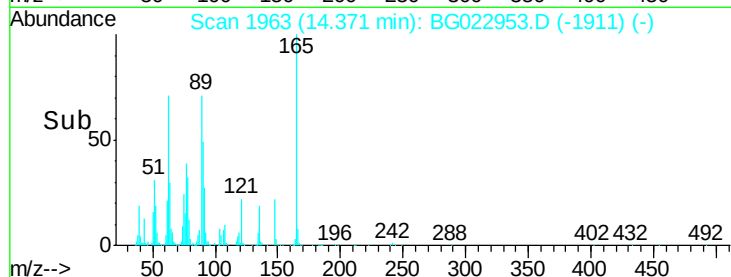
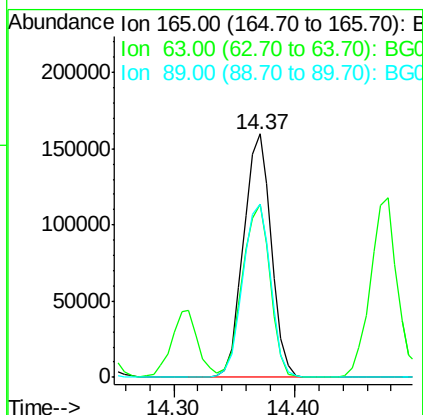
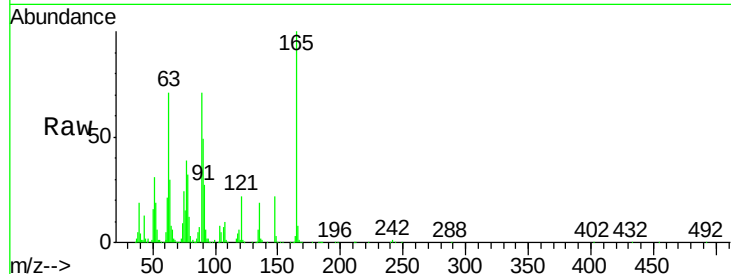
Time-->



#50
2,6-Dinitrotoluene
Concen: 42.27 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

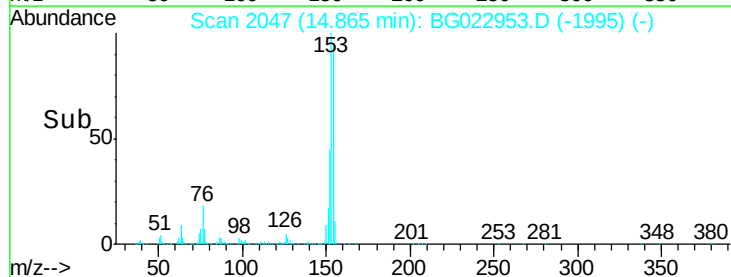
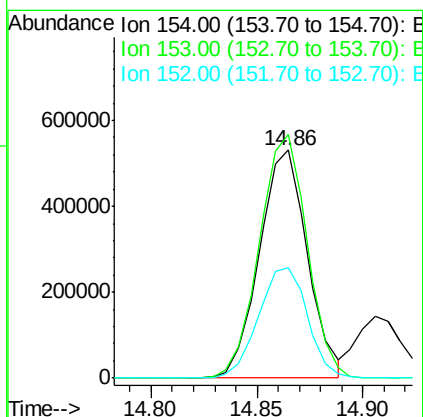
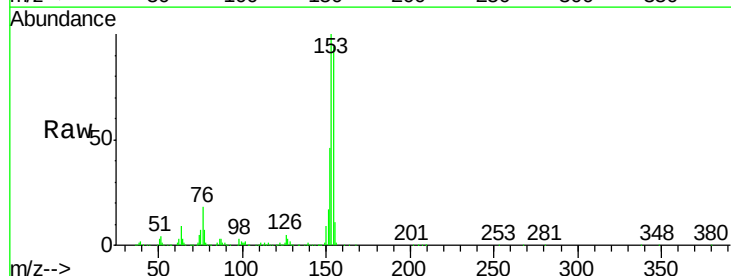
Instrument :
BNA_G
ClientSampleId :
PB91977BS

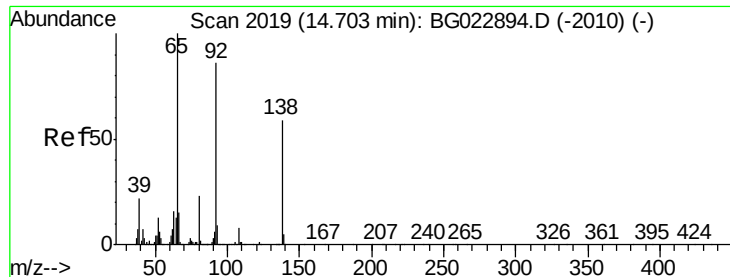
Tot Ion:165 Resp: 254339
Ion Ratio Lower Upper
165 100
63 70.9 64.3 96.5
89 71.2 64.3 96.5



#51
Acenaphthene
Concen: 42.91 ng
RT: 14.86 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:154 Resp: 839102
Ion Ratio Lower Upper
154 100
153 106.9 87.5 131.3
152 48.8 42.7 64.1

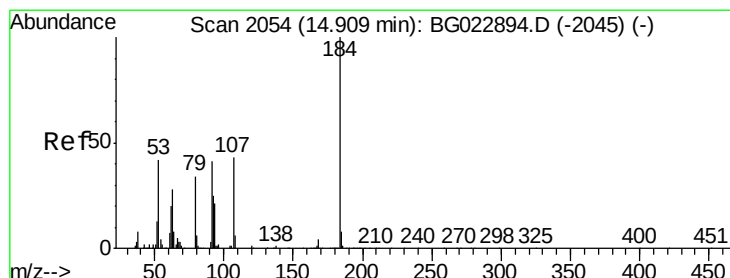
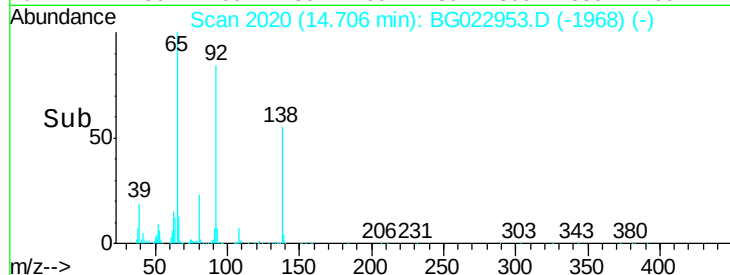
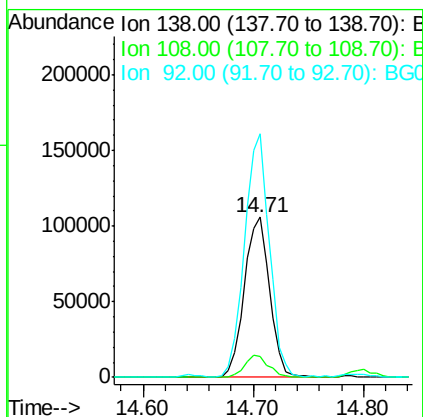
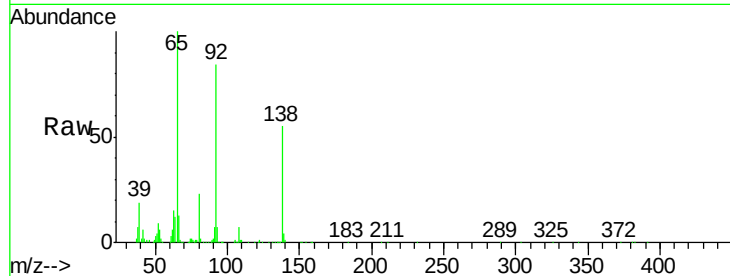




#52
 3-Nitroaniline
 Concen: 28.56 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

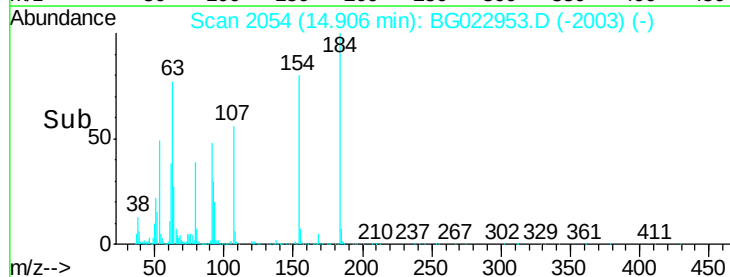
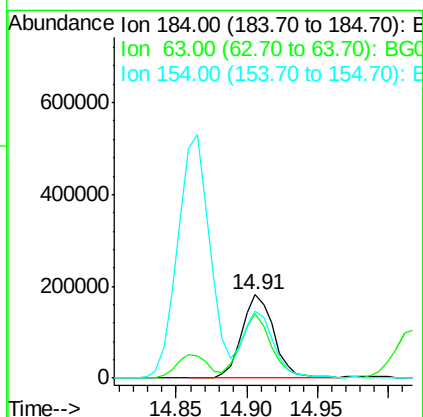
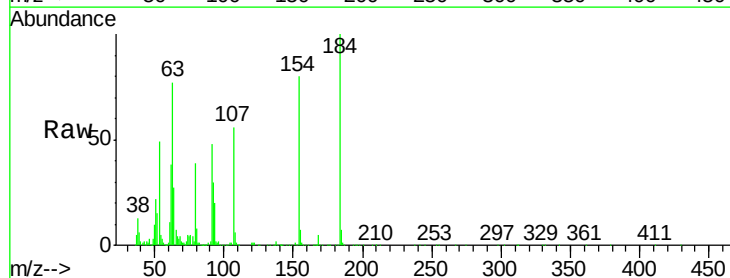
Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

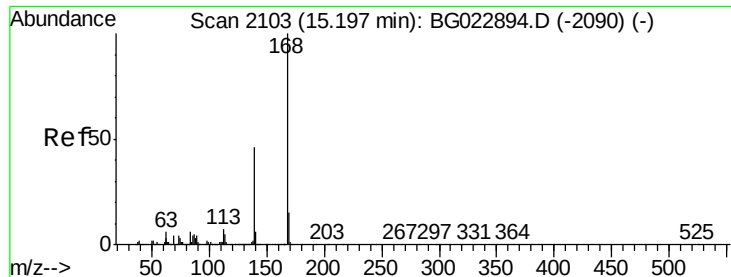
Tot Ion:138 Resp: 171338
 Ion Ratio Lower Upper
 138 100
 108 12.8 11.7 17.5
 92 152.1 129.7 194.5



#53
 2,4-Dinitrophenol
 Concen: 70.59 ng
 RT: 14.91 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

Tgt Ion:184 Resp: 291455
 Ion Ratio Lower Upper
 184 100
 63 77.4 59.6 89.4
 154 79.8 67.4 101.0





#54

Dibenzofuran

Concen: 46.25 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

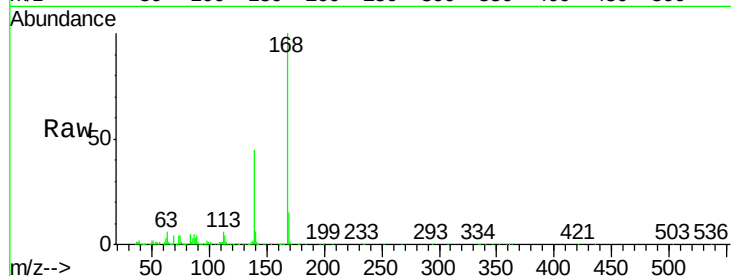
Tot Ion:168 Resp: 1353833

Ion Ratio Lower Upper

168 100

139 45.2 36.4 54.6

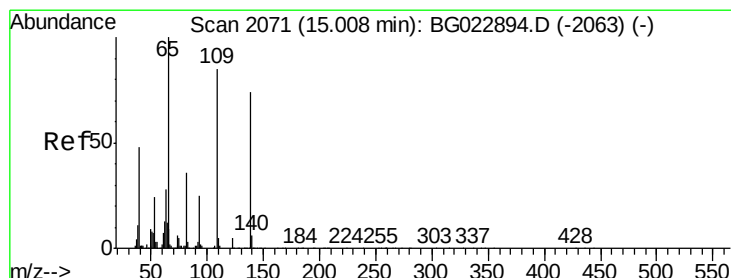
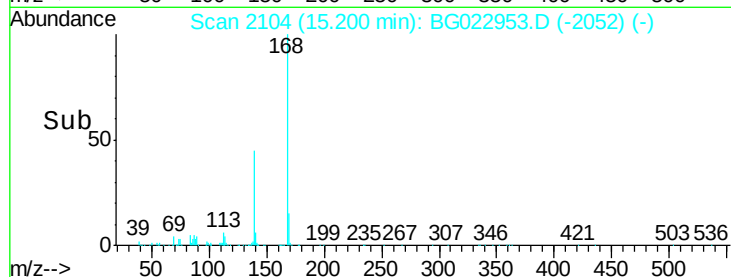
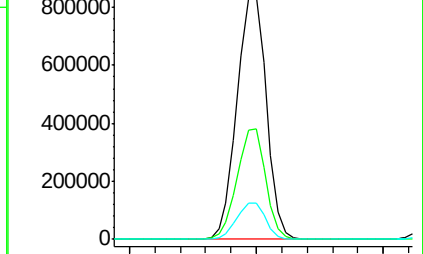
169 14.9 11.9 17.9



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: 83.07 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

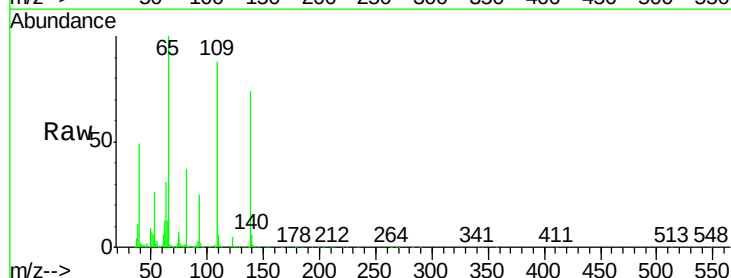
Tgt Ion:139 Resp: 417784

Ion Ratio Lower Upper

139 100

109 118.8 103.0 143.0

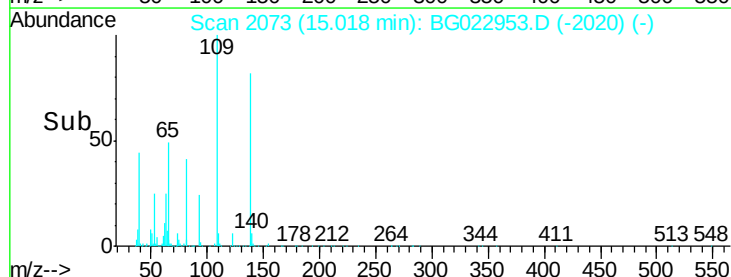
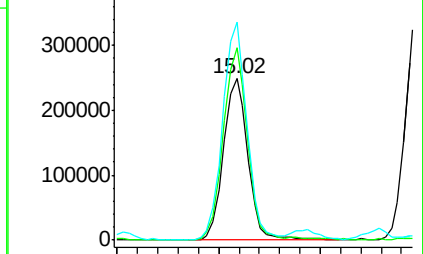
65 134.7 112.7 152.7

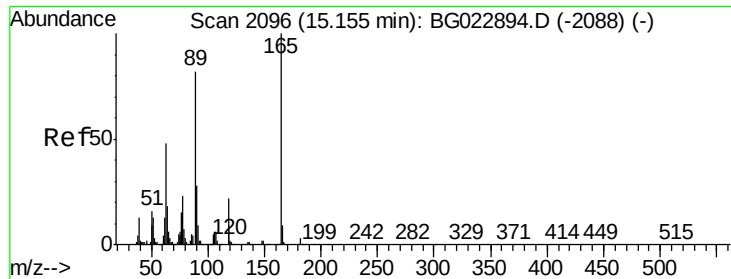


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

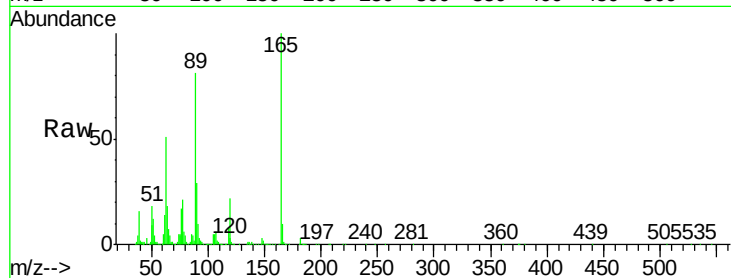




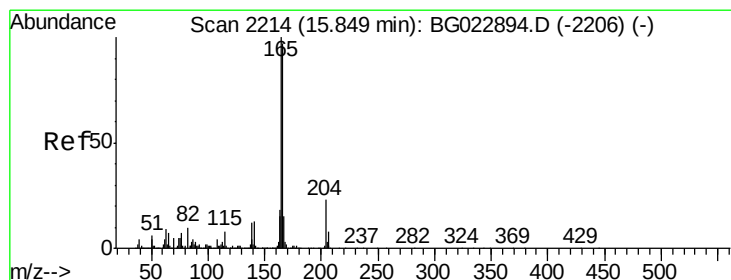
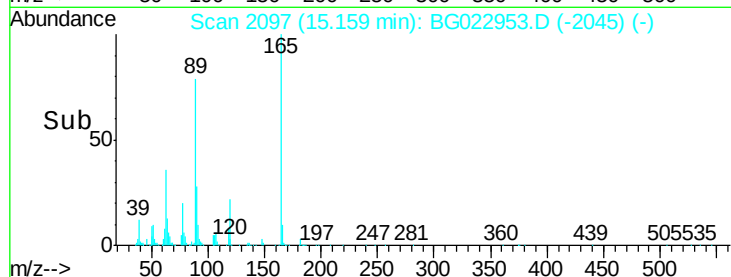
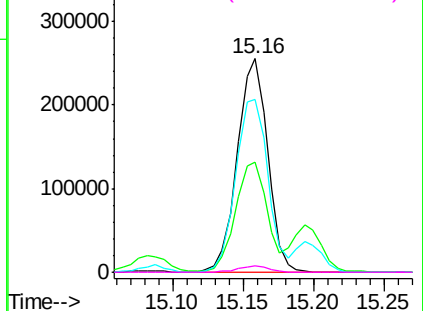
#56
2,4-Dinitrotoluene
Concen: 43.86 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Instrument :
BNA_G
ClientSampleId :
PB91977BS

Tot Ion:165 Resp: 384734
Ion Ratio Lower Upper
165 100
63 51.3 45.8 68.6
89 80.7 68.6 102.8
182 3.0 2.0 3.0#

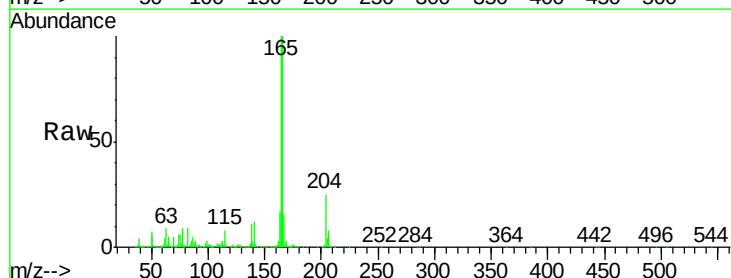


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

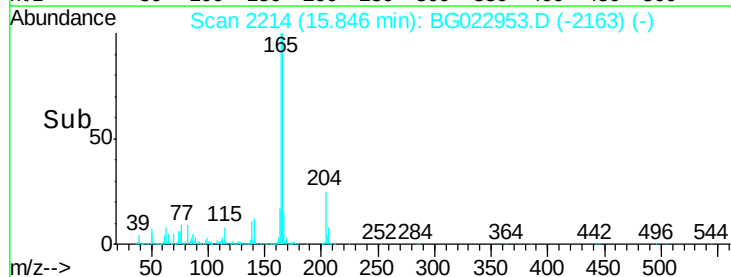
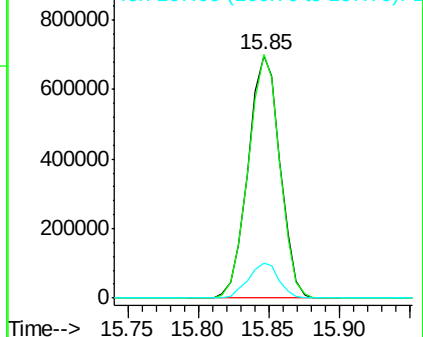


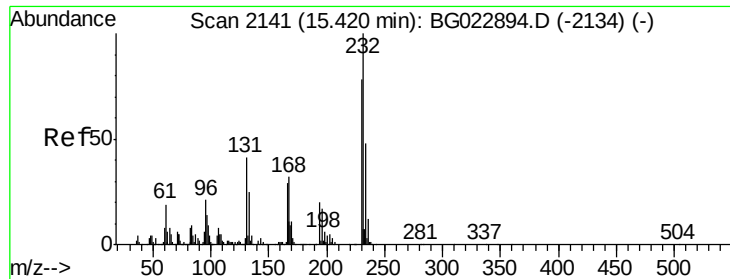
#57
Fluorene
Concen: 44.01 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:166 Resp: 1108887
Ion Ratio Lower Upper
166 100
165 100.3 81.0 121.6
167 14.6 12.0 18.0



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

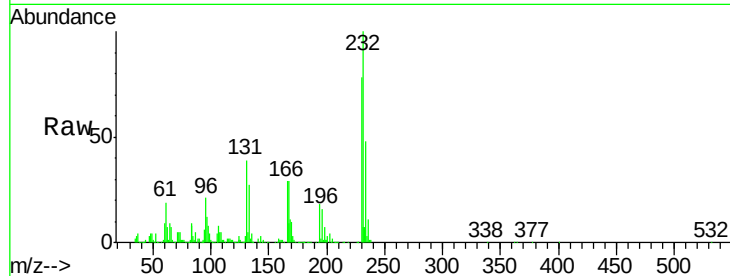




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.73 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.7	49.1
130	2.5	2.6	3.8#
166	29.5	23.0	34.6

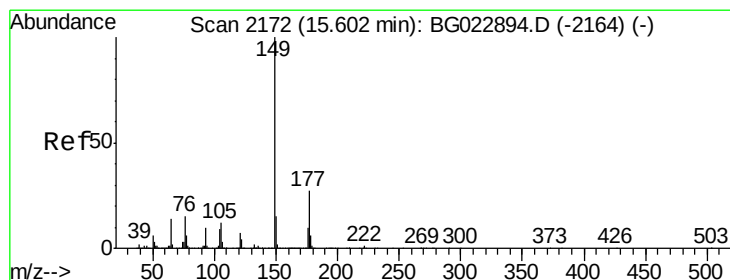
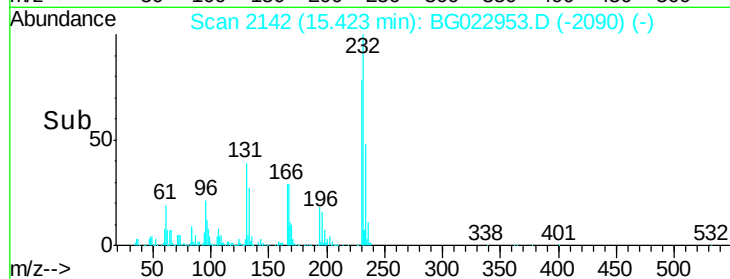
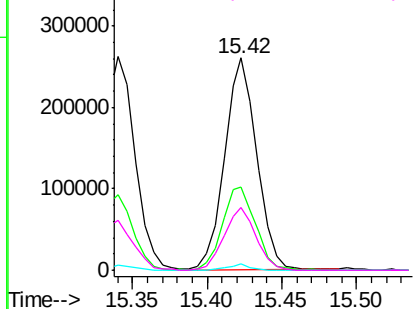


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

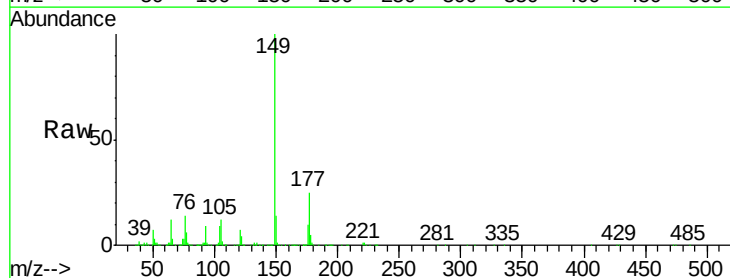
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 43.68 ng
 RT: 15.61 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

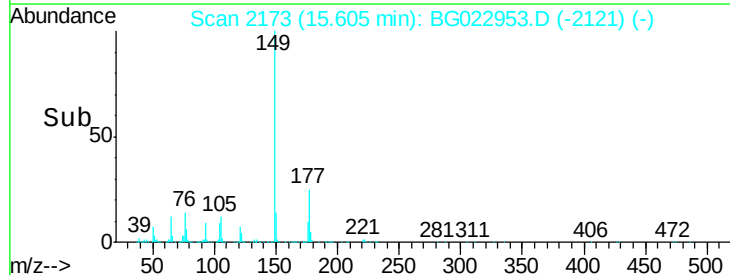
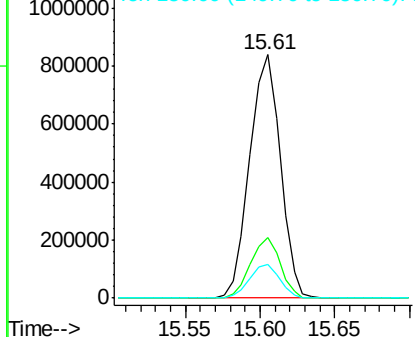
Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.2	28.8
150	13.8	10.6	16.0

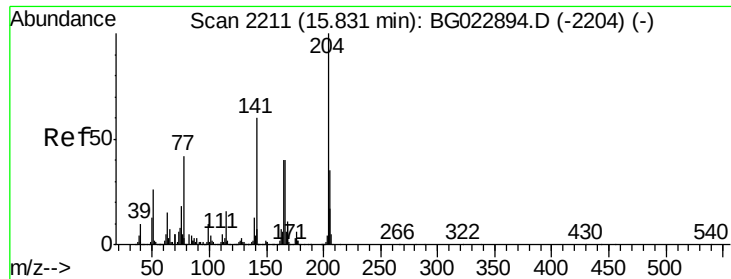


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

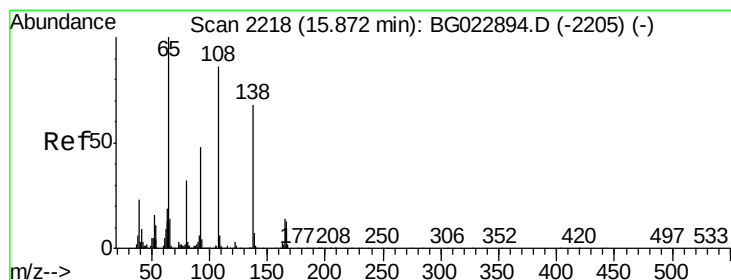
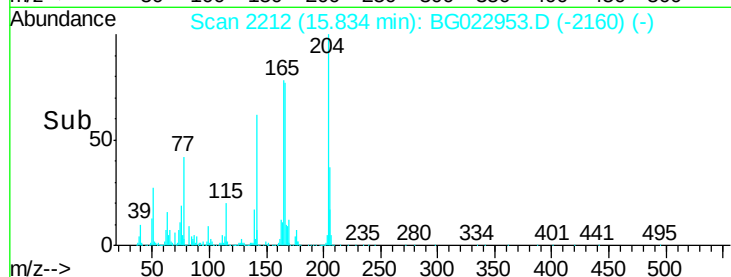
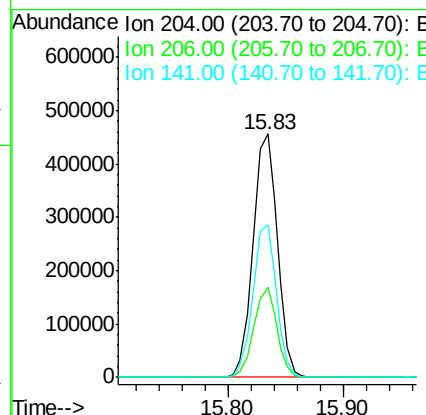
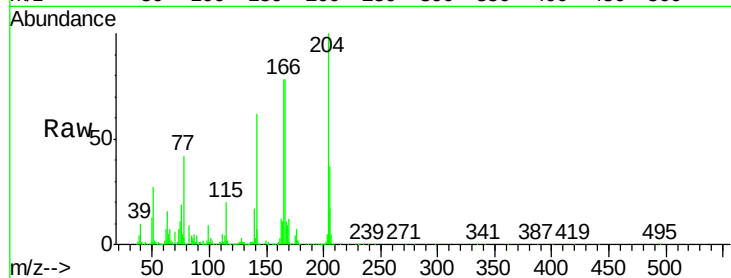




#60
4-Chlorophenyl-phenylether
Concen: 43.56 ng
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

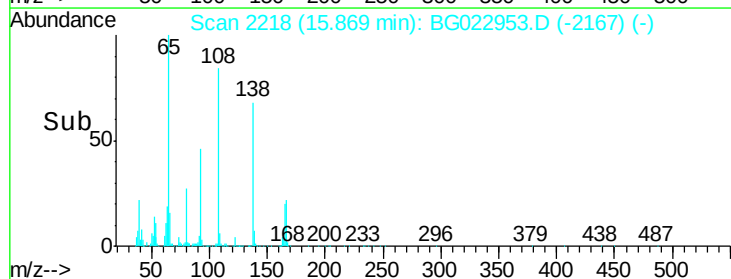
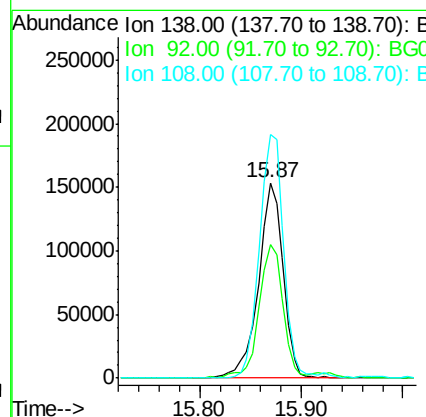
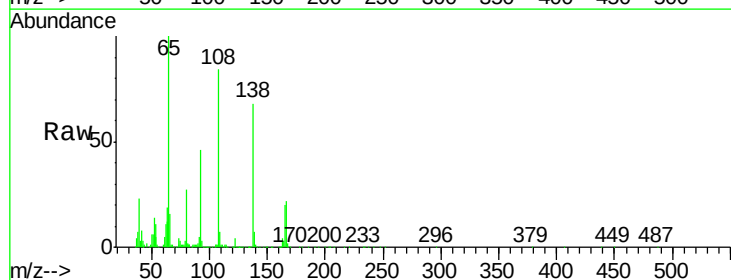
Instrument :
BNA_G
ClientSampleId :
PB91977BS

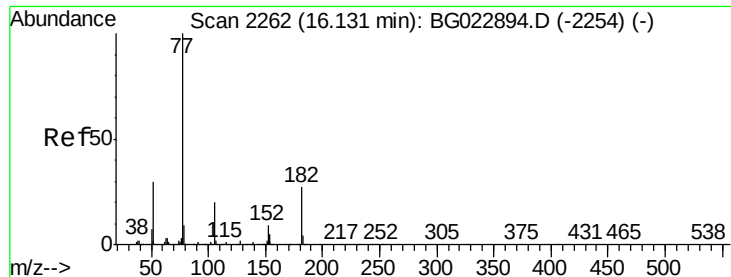
Tot Ion:204 Resp: 668424
Ion Ratio Lower Upper
204 100
206 36.9 28.5 42.7
141 62.5 51.4 77.0



#61
4-Nitroaniline
Concen: 39.85 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:138 Resp: 258718
Ion Ratio Lower Upper
138 100
92 68.0 54.1 94.1
108 124.5 133.9 173.9#





#62

Azobenzene

Concen: 49.48 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

Tot Ion: 77 Resp: 1289287

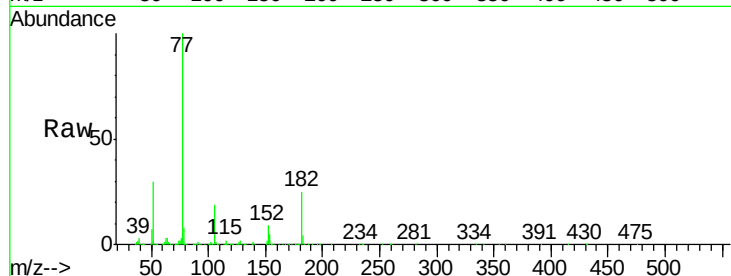
Ion Ratio Lower Upper

77 100

182 25.5 3.5 43.5

105 19.4 0.0 38.5

51 30.0 17.1 57.1

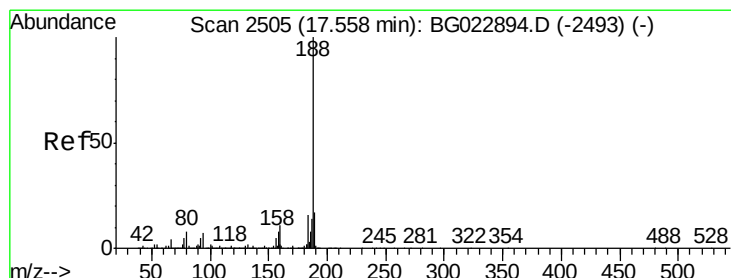
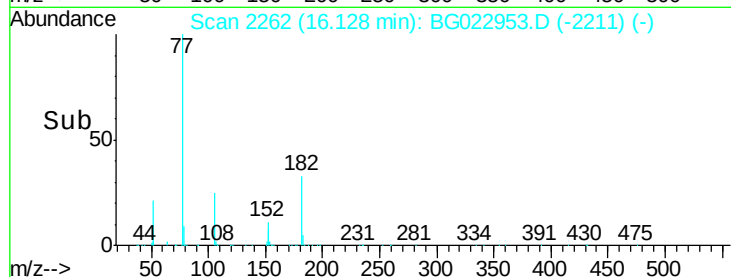
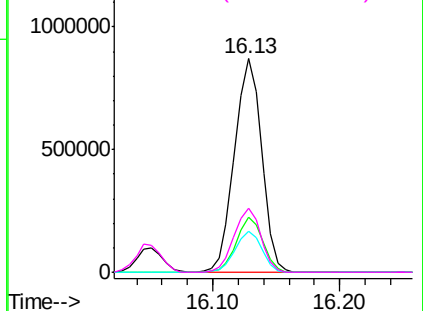


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

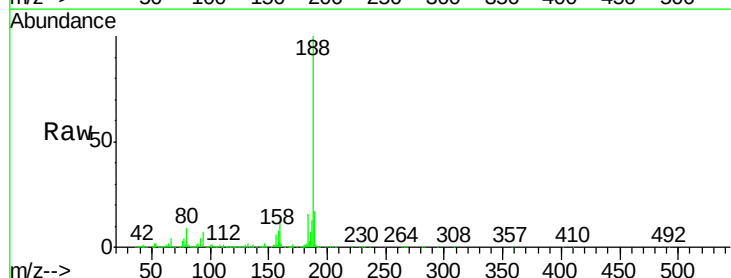
Tgt Ion: 188 Resp: 832898

Ion Ratio Lower Upper

188 100

94 7.2 5.2 7.8

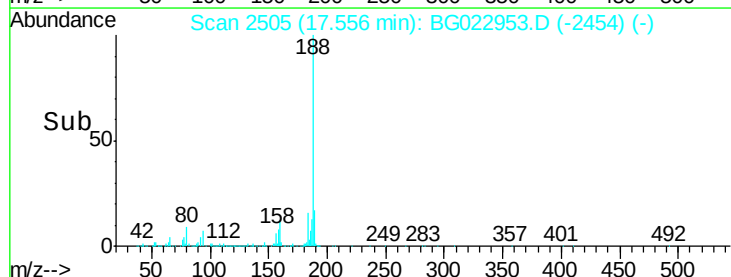
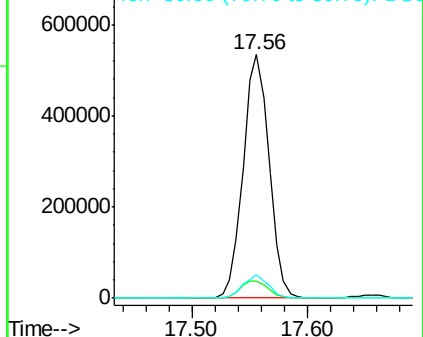
80 9.4 7.2 10.8

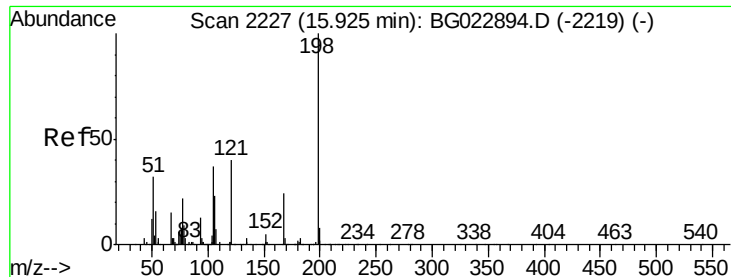


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

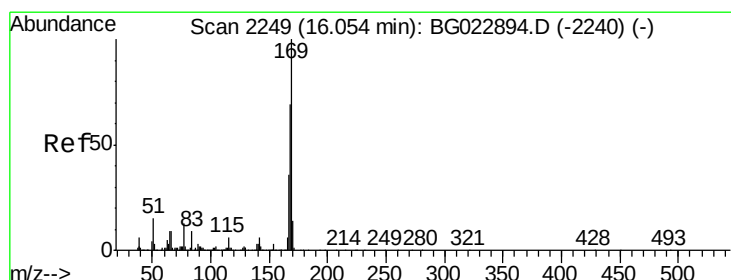
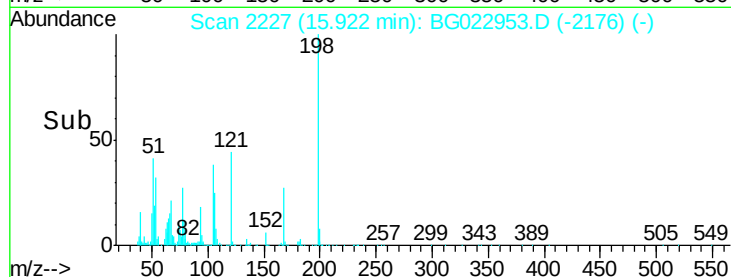
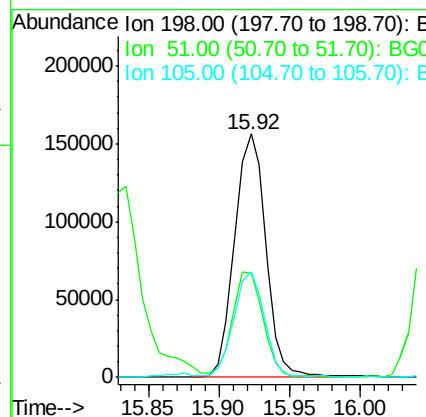
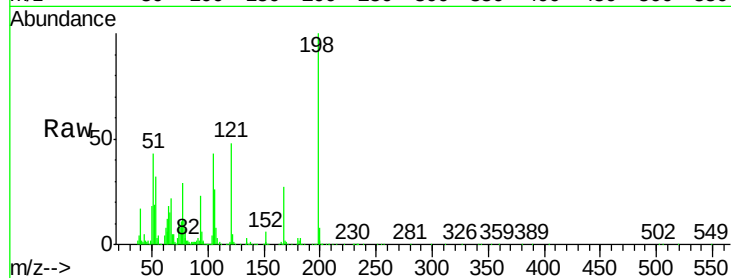




#64
4,6-Dinitro-2-methylphenol
Concen: 39.14 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

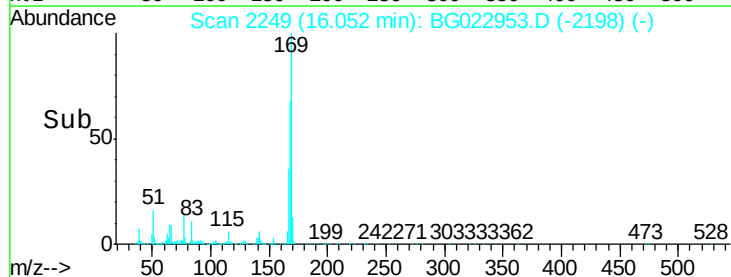
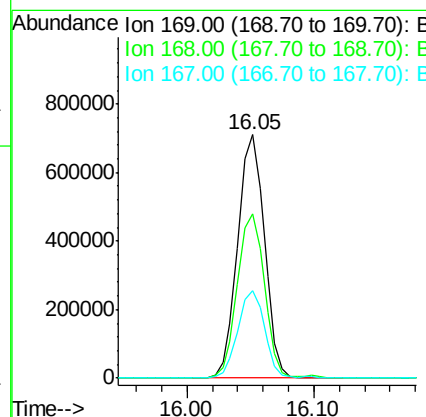
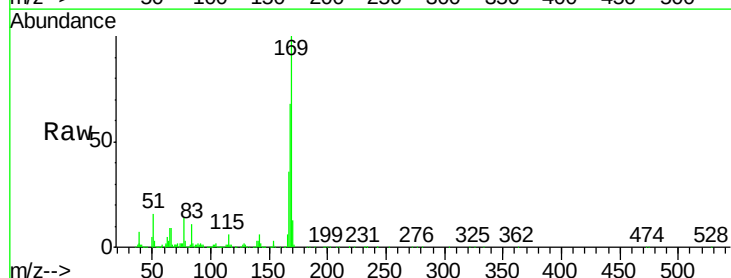
Instrument :
BNA_G
ClientSampleId :
PB91977BS

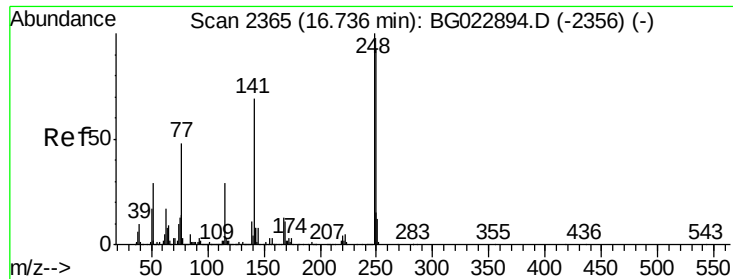
Tot Ion:198 Resp: 242276
Ion Ratio Lower Upper
198 100
51 42.9 26.0 66.0
105 43.3 20.1 60.1



#65
n-Nitrosodiphenylamine
Concen: 43.15 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:169 Resp: 1035511
Ion Ratio Lower Upper
169 100
168 67.7 55.0 82.4
167 36.2 27.4 41.0

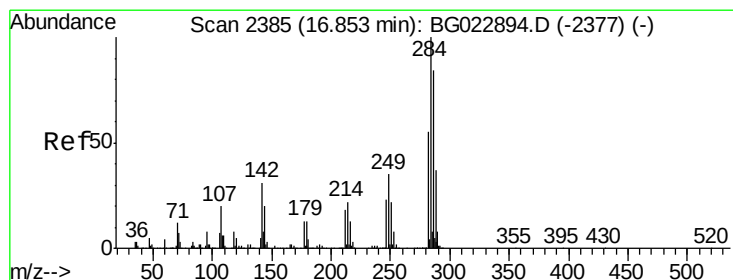
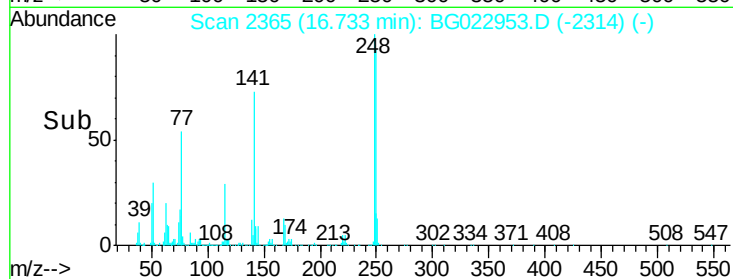
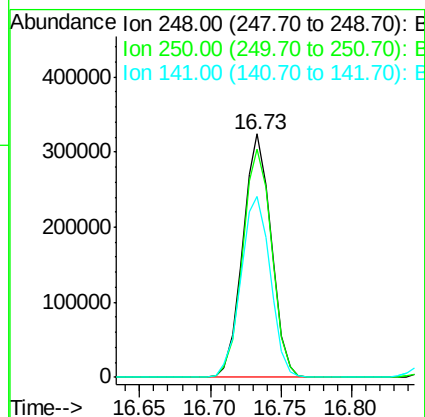
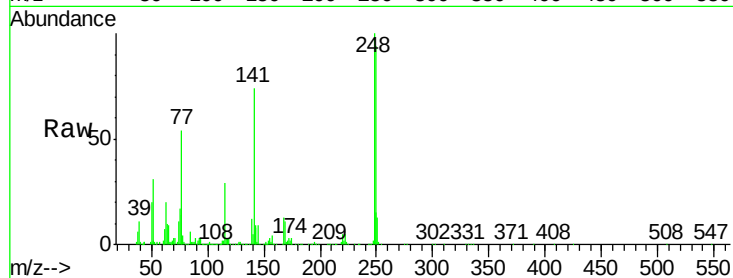




#66
4-Bromophenyl-phenylether
Concen: 42.10 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

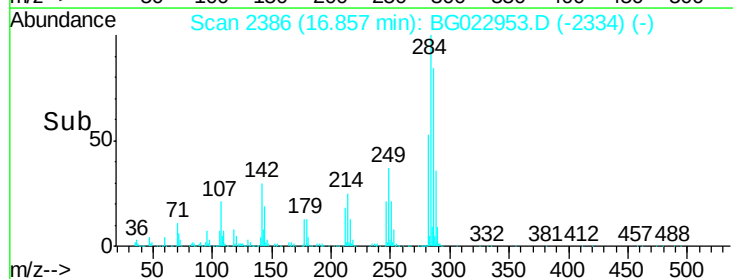
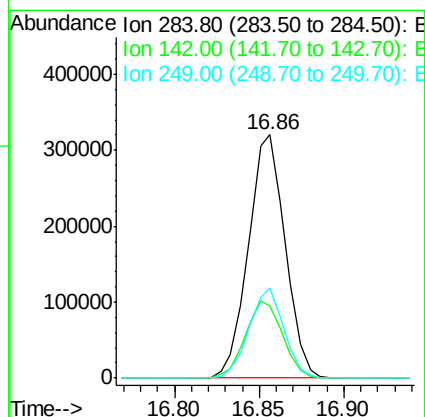
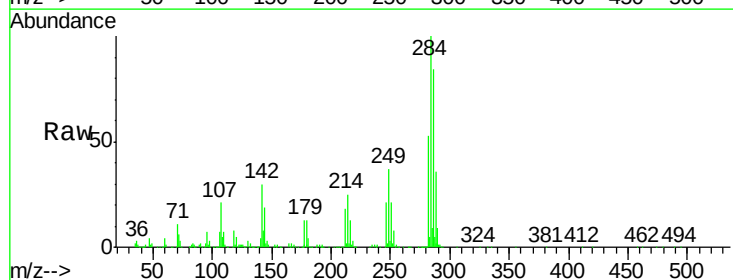
Instrument :
BNA_G
ClientSampleId :
PB91977BS

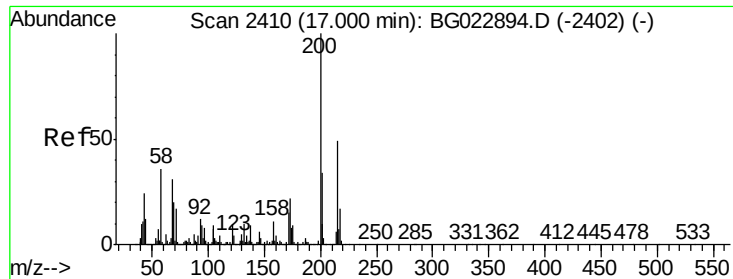
Tot Ion:248 Resp: 456268
Ion Ratio Lower Upper
248 100
250 93.6 77.8 116.8
141 74.2 65.7 98.5



#67
Hexachlorobenzene
Concen: 41.05 ng
RT: 16.86 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:284 Resp: 483686
Ion Ratio Lower Upper
284 100
142 29.6 26.8 40.2
249 37.0 28.9 43.3





#68

Atrazine

Concen: 43.66 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

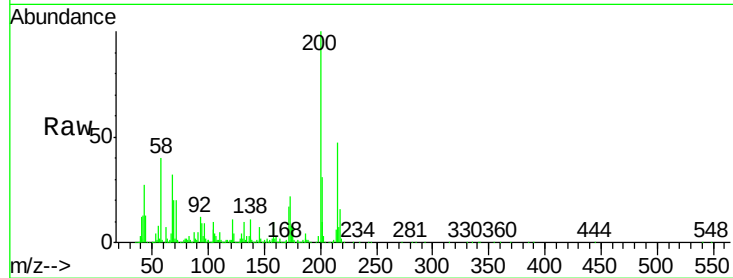
BNA_G

ClientSampleId :

PB91977BS

Tot Ion:200 Resp: 464741

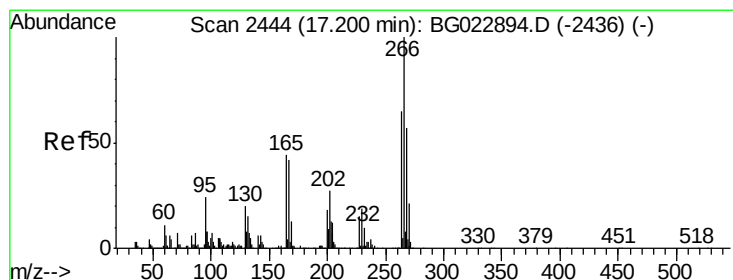
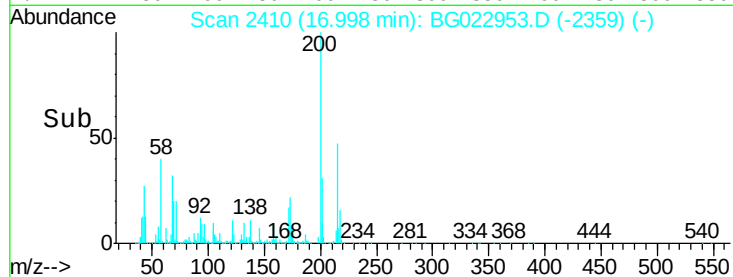
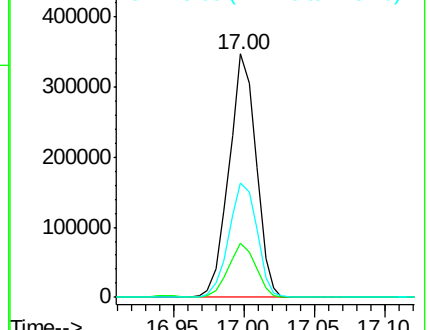
Ion	Ratio	Lower	Upper
200	100		
173	22.5	1.6	41.6
215	47.0	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 80.08 ng

RT: 17.20 min Scan# 2445

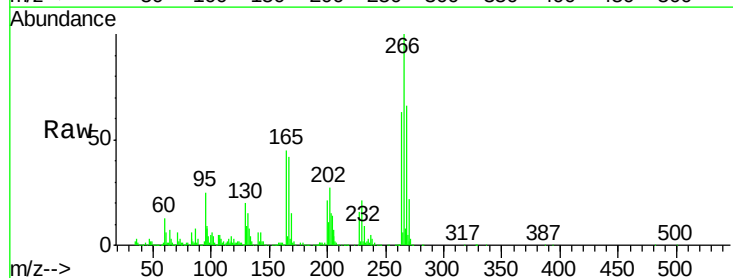
Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion:266 Resp: 611059

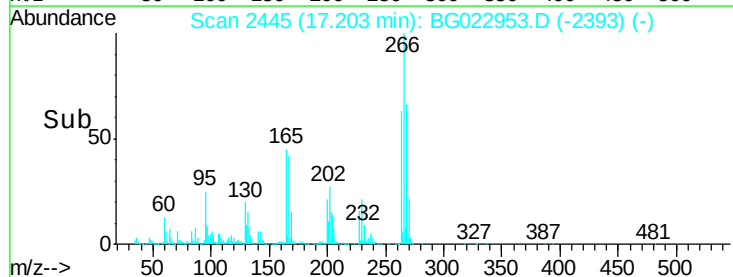
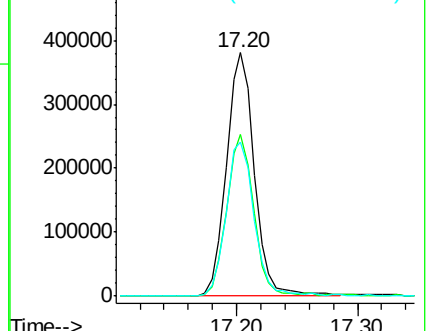
Ion	Ratio	Lower	Upper
266	100		
268	66.5	51.9	77.9
264	63.1	50.6	75.8

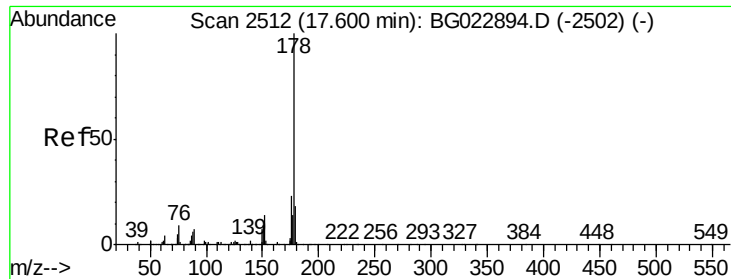


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

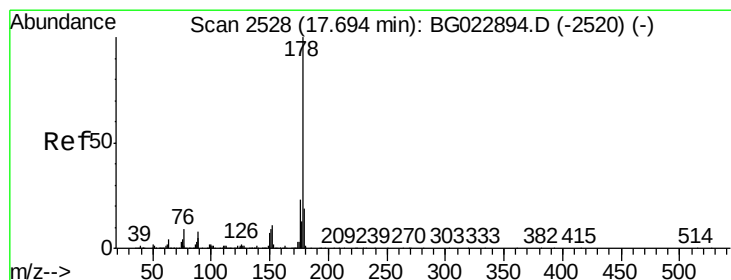
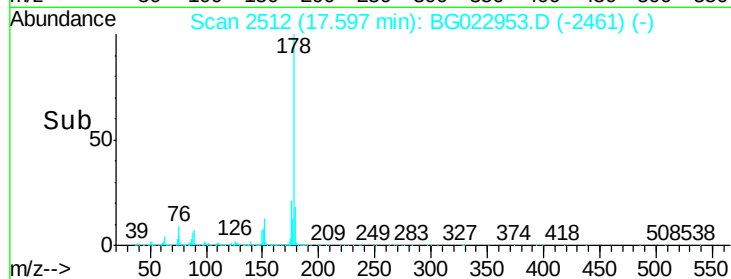
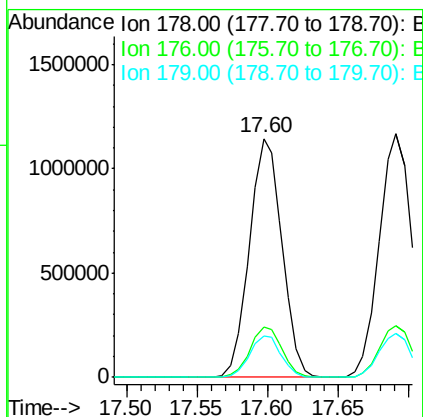
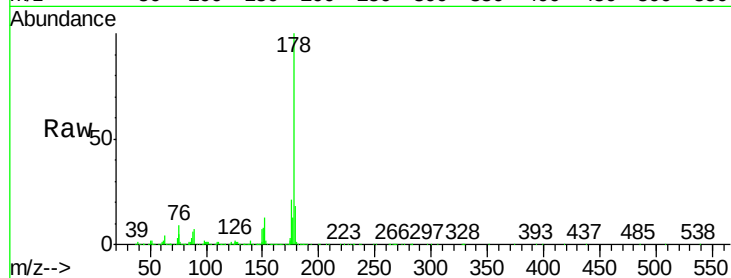




#70
Phenanthrene
Concen: 45.42 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

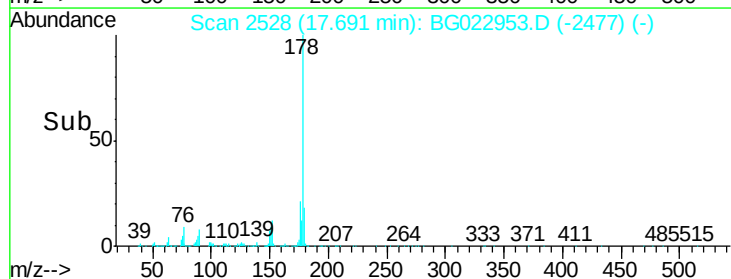
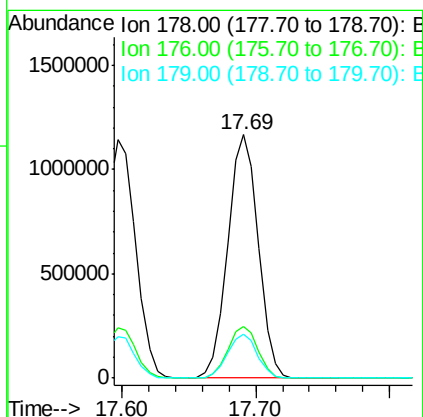
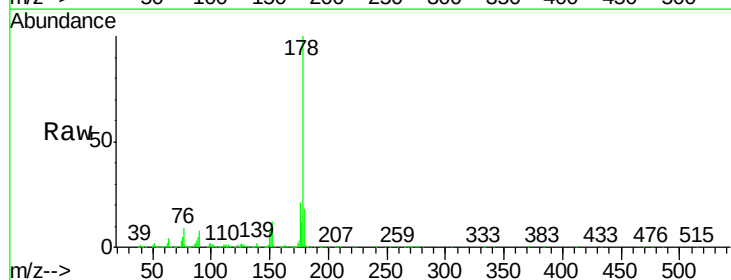
Instrument :
BNA_G
ClientSampleId :
PB91977BS

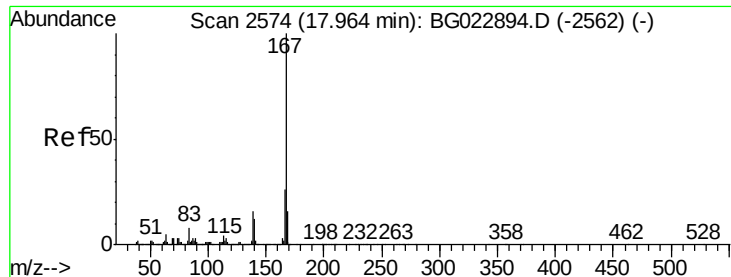
Tot Ion:178 Resp: 1853751
Ion Ratio Lower Upper
178 100
176 21.2 16.8 25.2
179 17.6 14.3 21.5



#71
Anthracene
Concen: 44.71 ng
RT: 17.69 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:178 Resp: 1847903
Ion Ratio Lower Upper
178 100
176 21.4 17.3 25.9
179 18.0 14.0 21.0





#72

Carbazole

Concen: 45.05 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

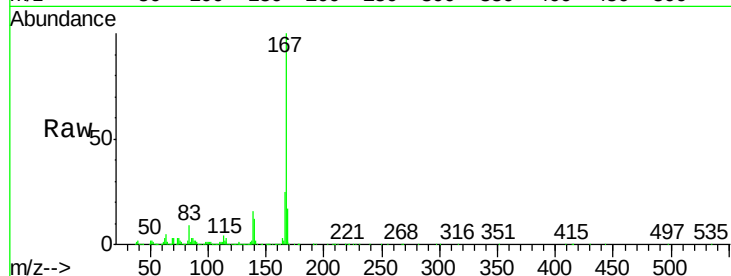
BNA_G

ClientSampleId :

PB91977BS

Tot Ion:167 Resp: 1608755

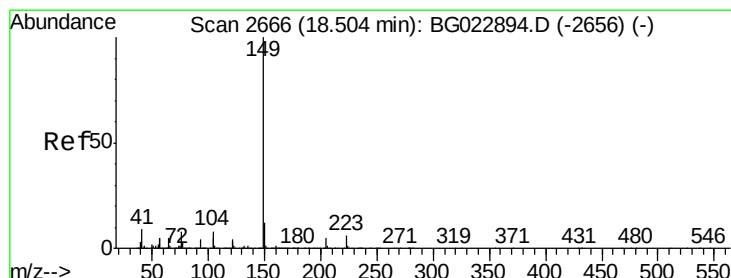
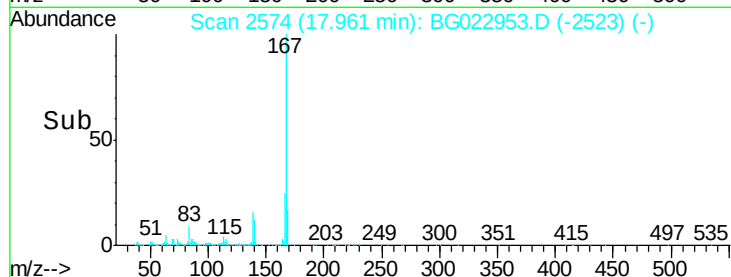
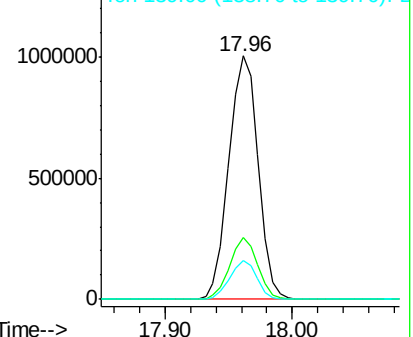
Ion	Ratio	Lower	Upper
167	100		
166	25.3	20.7	31.1
139	16.0	11.9	17.9



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: 48.41 ng

RT: 18.50 min Scan# 2666

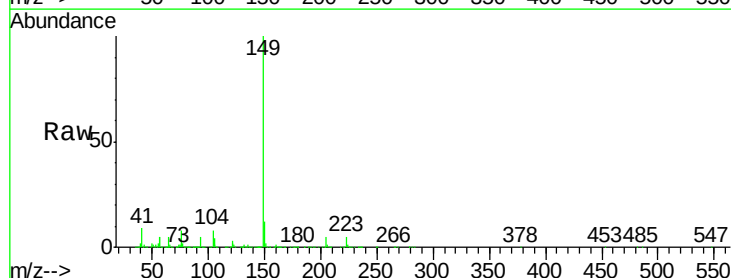
Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion:149 Resp: 1922861

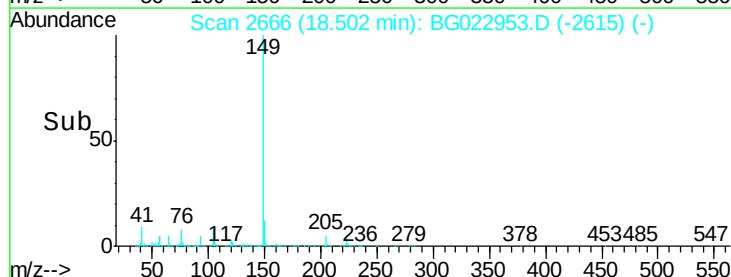
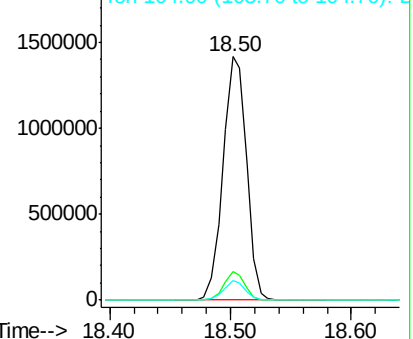
Ion	Ratio	Lower	Upper
149	100		
150	11.9	9.1	13.7
104	8.1	6.9	10.3

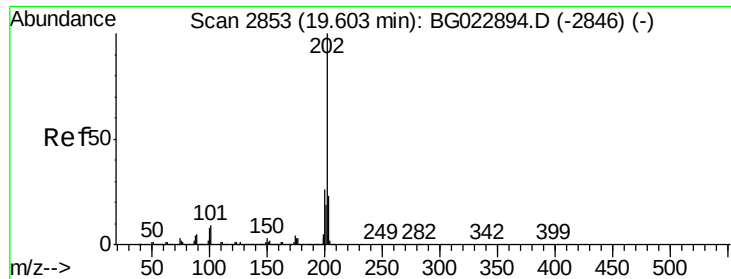


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.02 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

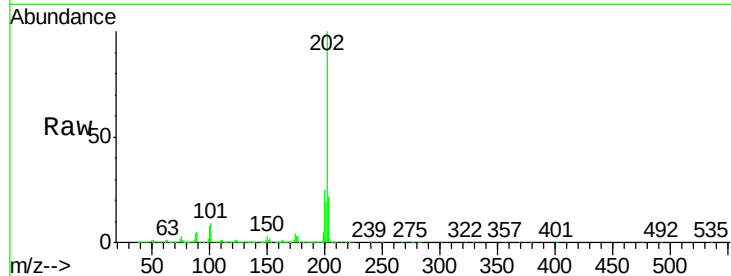
Tot Ion:202 Resp: 2154823

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.4

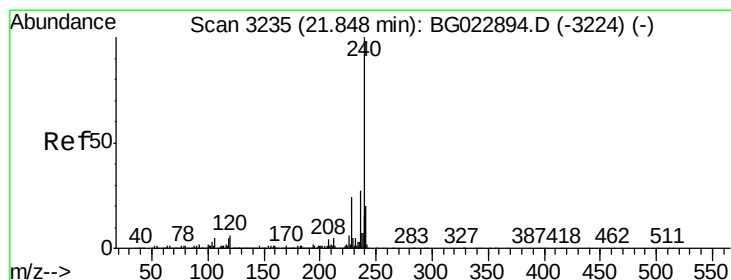
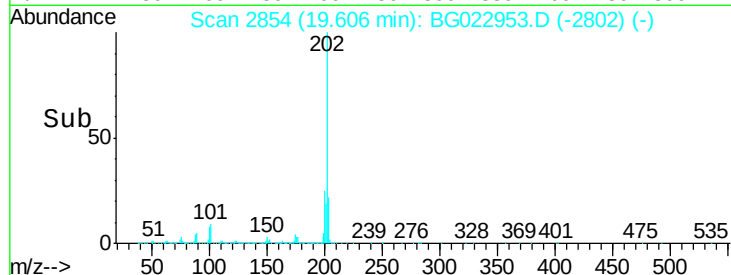
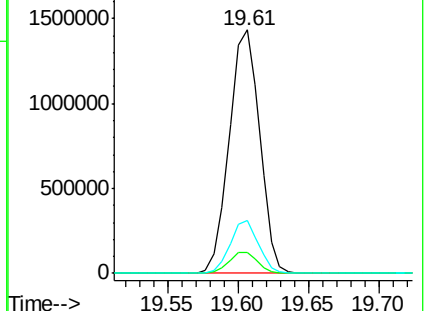
203 21.8 1.7 41.7



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

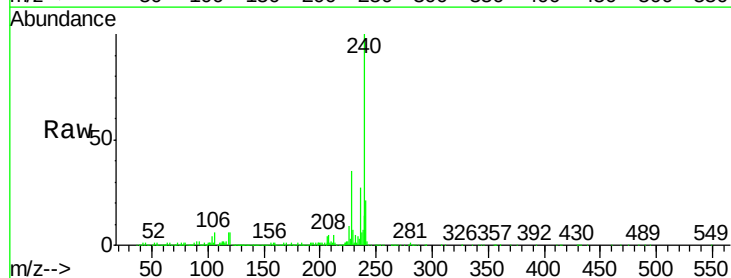
Tgt Ion:240 Resp: 945090

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

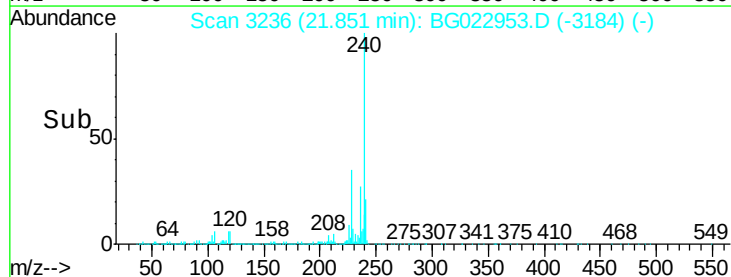
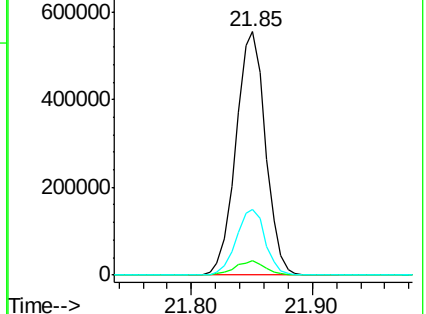
236 26.8 21.1 31.7

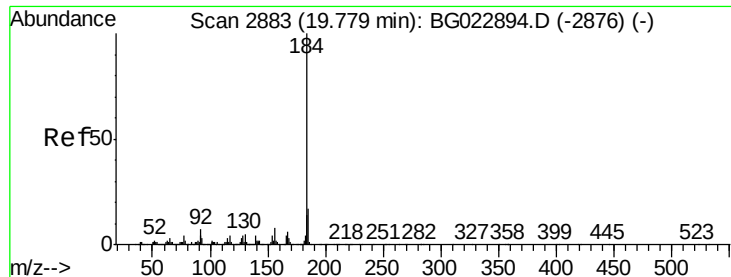


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 44.19 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

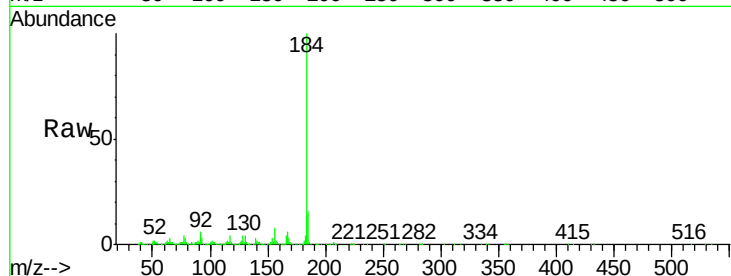
Tot Ion:184 Resp: 1197379

Ion Ratio Lower Upper

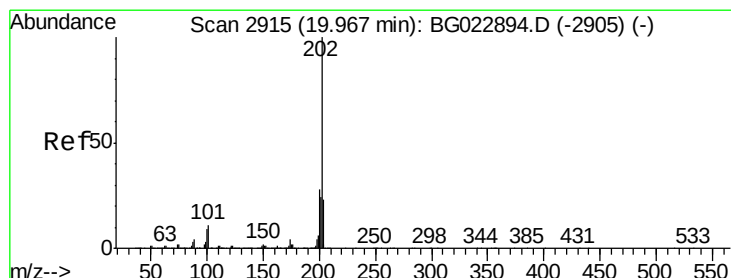
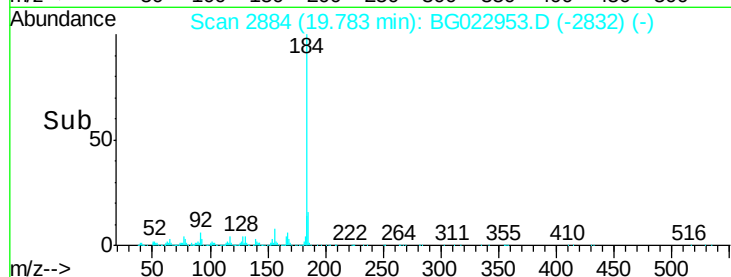
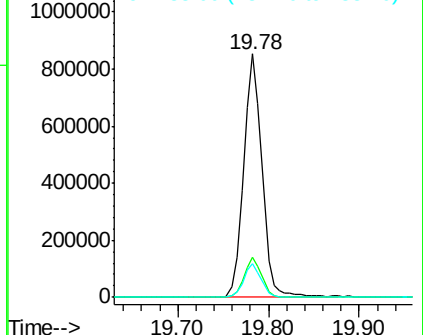
184 100

185 16.5 12.6 19.0

183 13.7 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 41.16 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

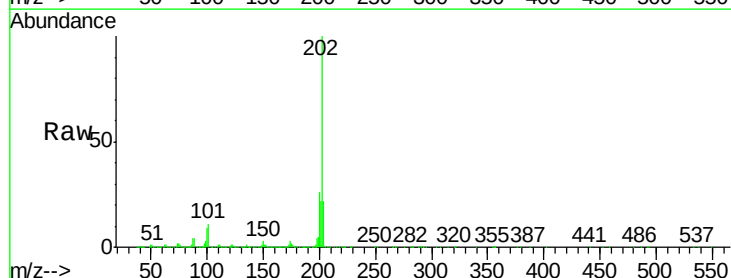
Tgt Ion:202 Resp: 2185908

Ion Ratio Lower Upper

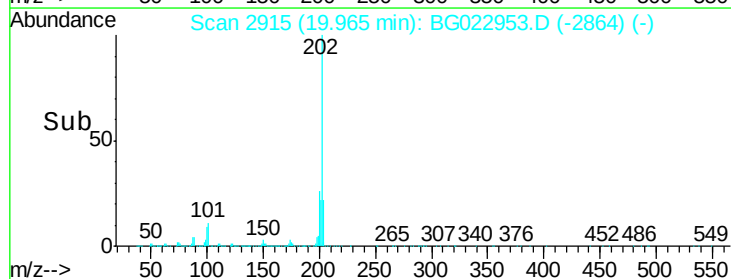
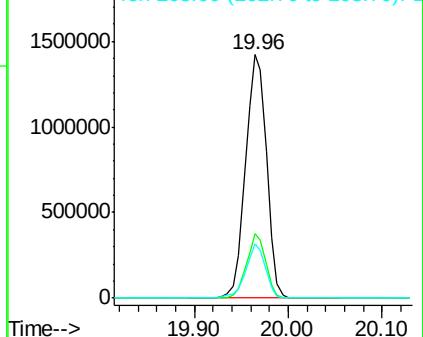
202 100

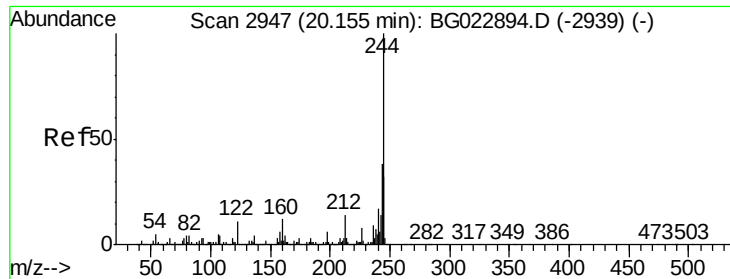
200 26.5 21.2 31.8

203 22.2 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.67 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

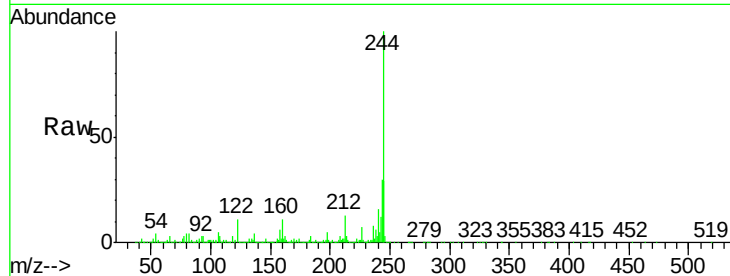
Tot Ion:244 Resp: 2734103

Ion	Ratio	Lower	Upper
244	100		
212	12.9	10.8	16.2
122	10.6	8.0	12.0

244 100

212 12.9 10.8 16.2

122 10.6 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2500000

2000000

1500000

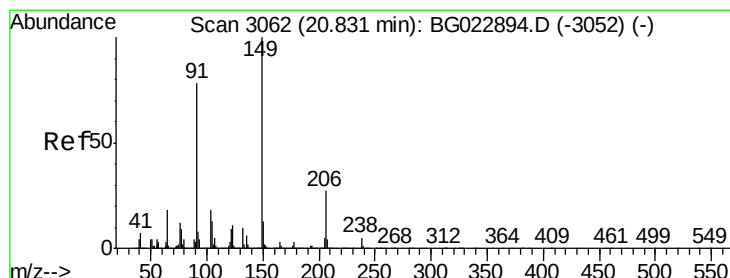
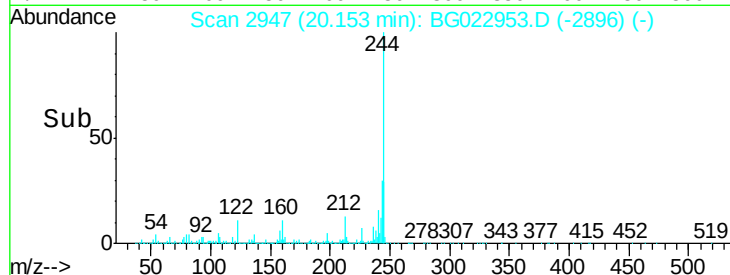
1000000

500000

0

20.15

Time-->



#79

Butylbenzylphthalate

Concen: 44.15 ng

RT: 20.83 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

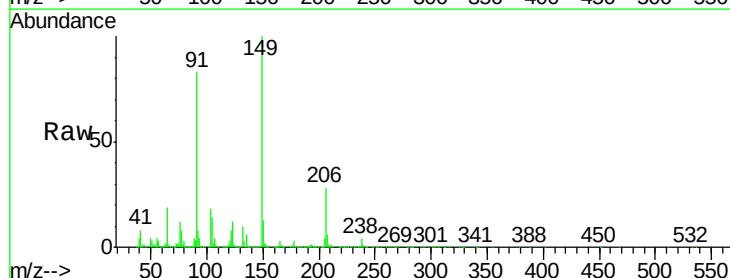
Tgt Ion:149 Resp: 928833

Ion	Ratio	Lower	Upper
149	100		
91	83.2	68.1	102.1
206	27.8	19.8	29.6

149 100

91 83.2 68.1 102.1

206 27.8 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

1000000

800000

600000

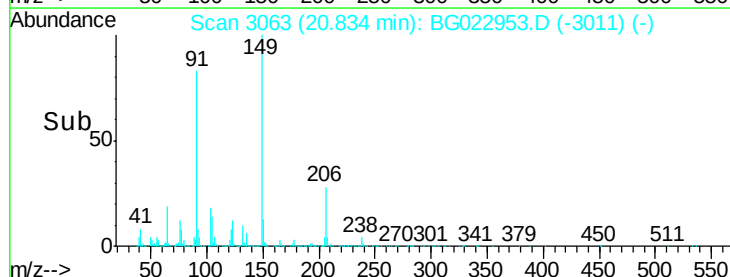
400000

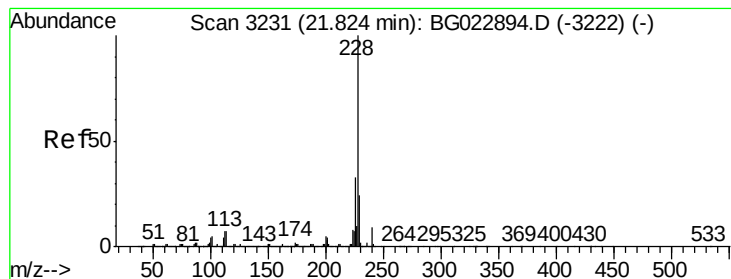
200000

0

20.83

Time-->





#80

Benzo(a)anthracene

Concen: 43.92 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

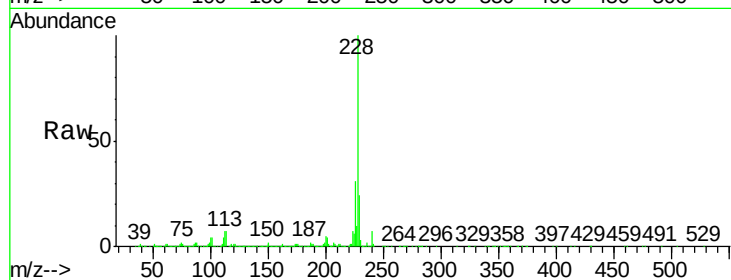
Tot Ion:228 Resp: 2322139

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	23.6	19.9	29.9

228 100

226 31.1 25.3 37.9

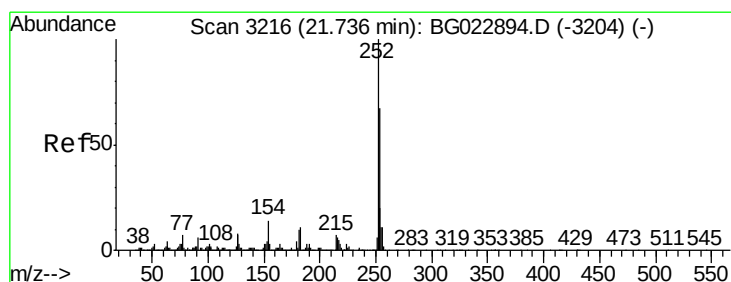
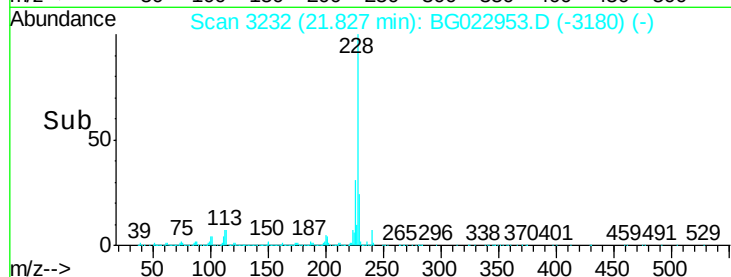
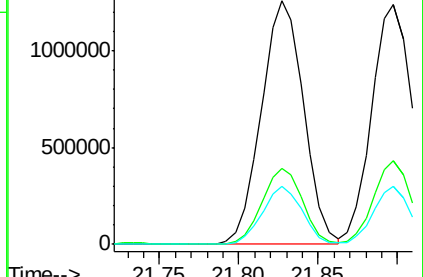
229 23.6 19.9 29.9



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: 25.71 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

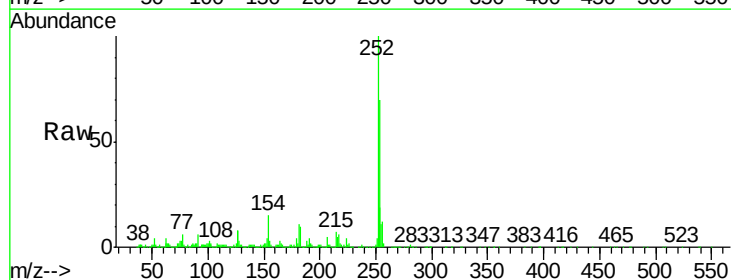
Tgt Ion:252 Resp: 596747

Ion	Ratio	Lower	Upper
252	100		
254	70.0	51.2	76.8
126	7.8	5.3	7.9

252 100

254 70.0 51.2 76.8

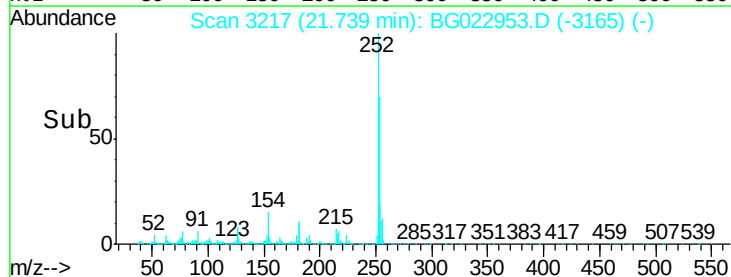
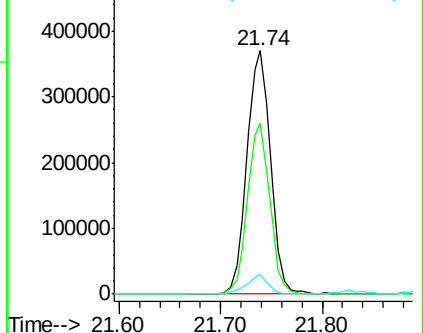
126 7.8 5.3 7.9

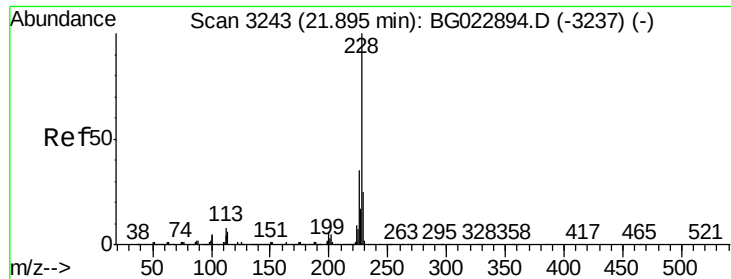


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

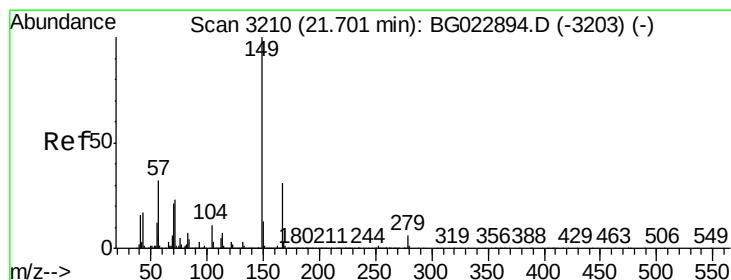
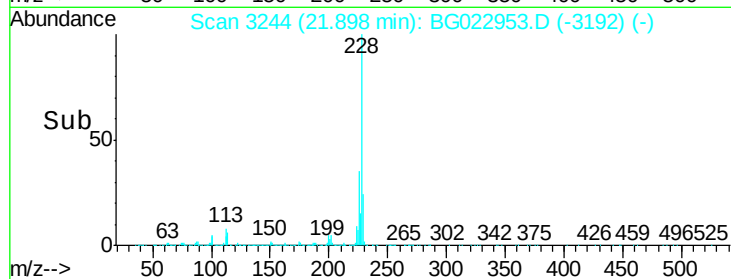
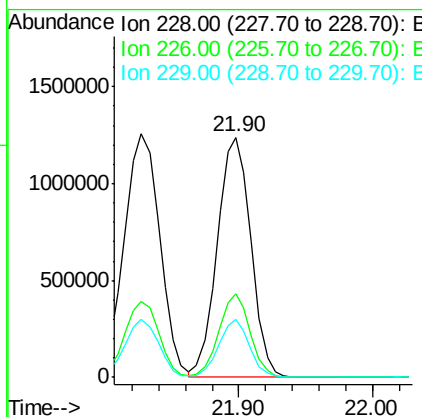
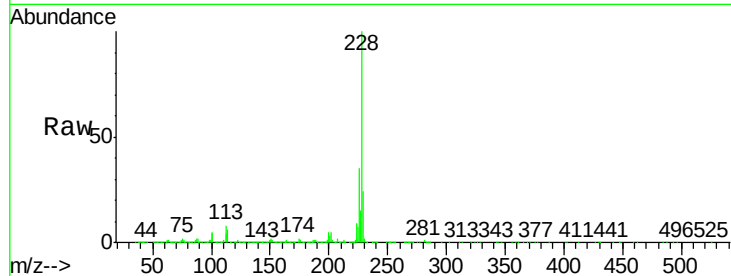




#82
 Chrysene
 Concen: 43.96 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

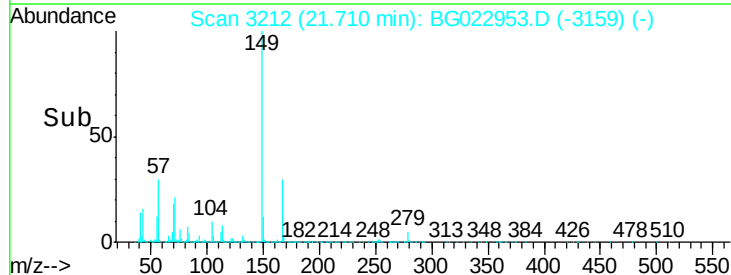
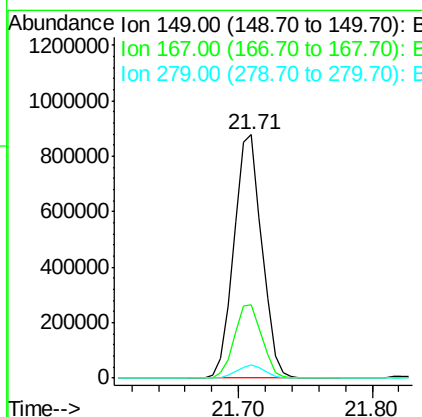
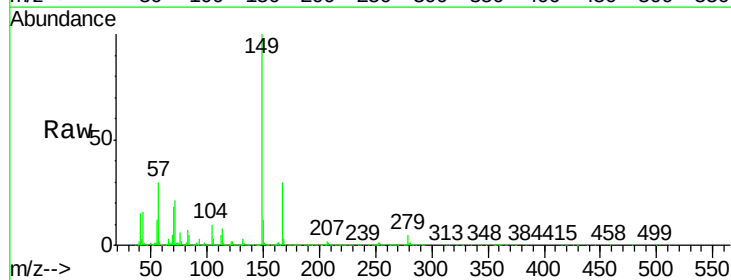
Instrument :
 BNA_G
 ClientSampleId :
 PB91977BS

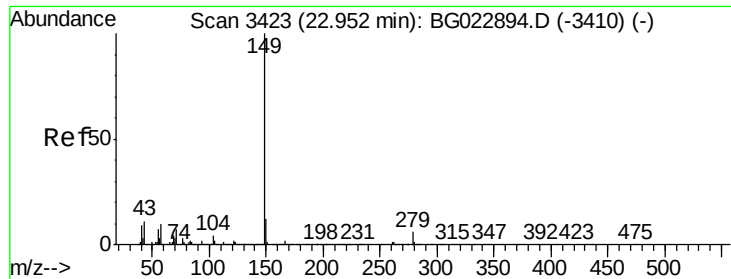
Tot Ion:228 Resp: 2180608
 Ion Ratio Lower Upper
 228 100
 226 34.8 26.7 40.1
 229 24.1 17.4 26.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.68 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. 0.01 min
 Lab File: BG022953.D
 Acq: 9 Jul 2016 6:06

Tgt Ion:149 Resp: 1276005
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.0 36.0
 279 5.4 4.8 7.2





#84

Di-n-octyl phthalate

Concen: 43.81 ng

RT: 22.96 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

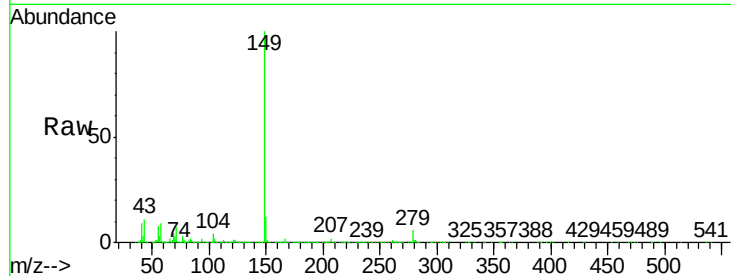
Tot Ion:149 Resp: 2134075

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

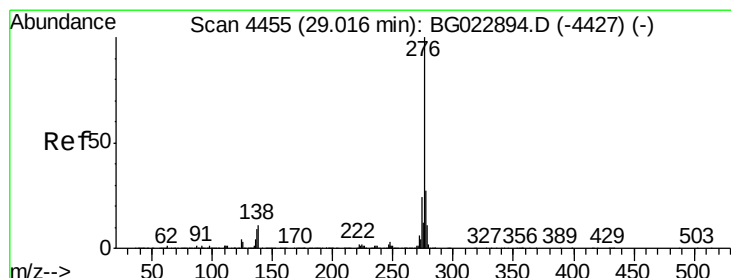
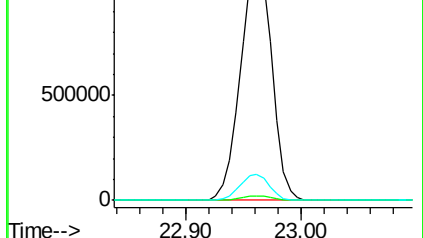
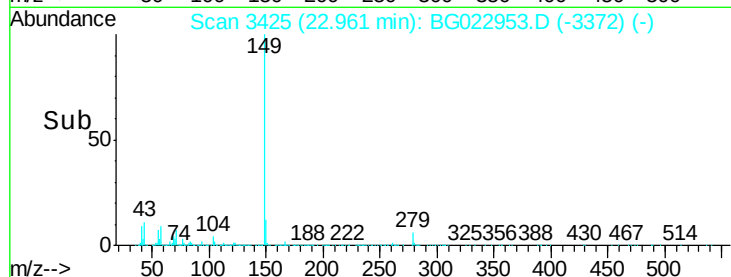
43 10.3 8.8 13.2



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: 43.86 ng

RT: 29.04 min Scan# 4460

Delta R.T. 0.03 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

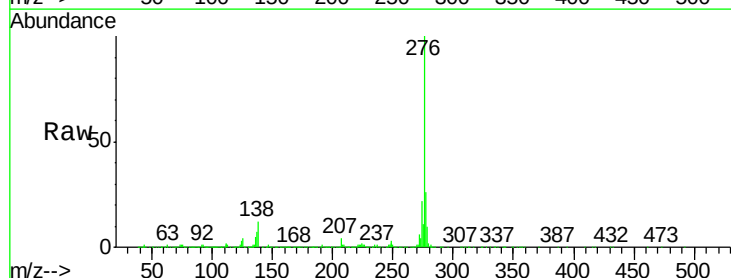
Tgt Ion:276 Resp: 2773553

Ion Ratio Lower Upper

276 100

138 13.1 0.0 0.0#

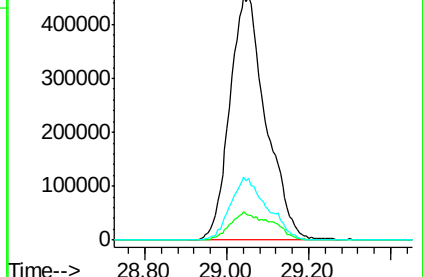
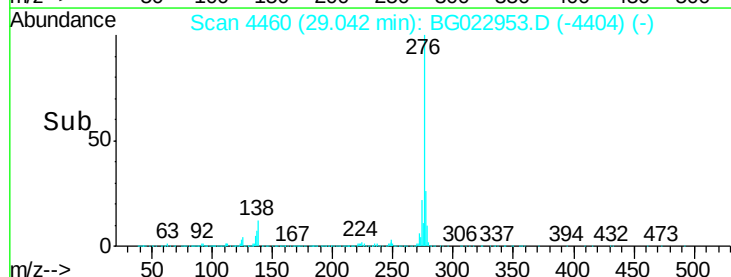
277 26.2 0.0 0.0#

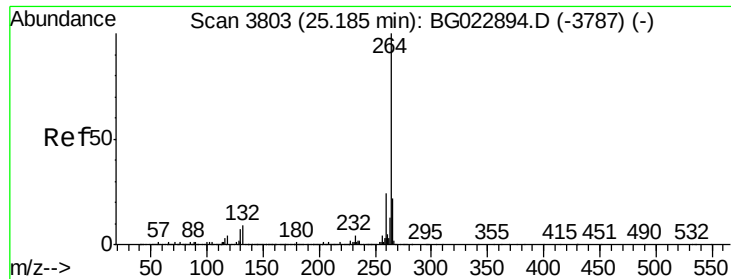


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



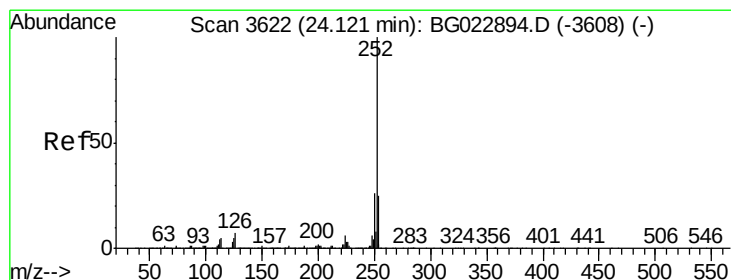
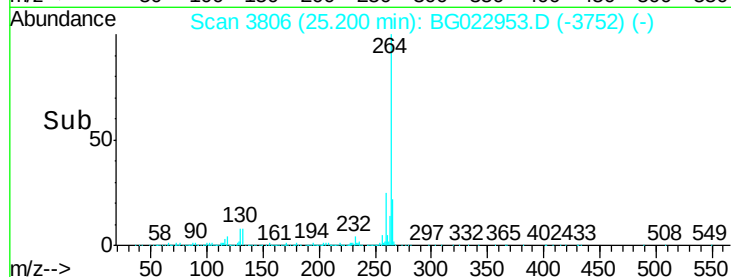
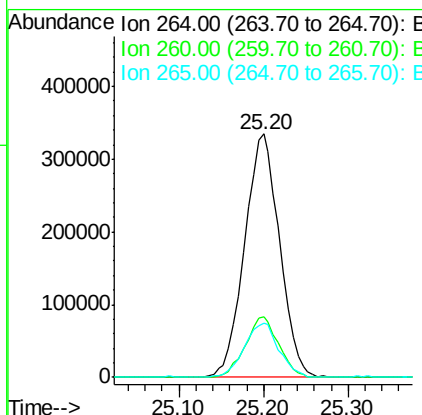
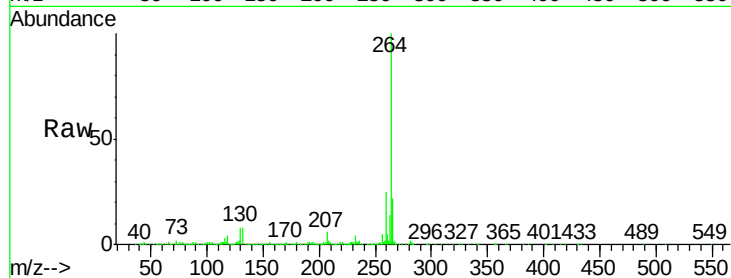


#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.01 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Instrument :
BNA_G
ClientSampleId :
PB91977BS

Tot Ion:264 Resp: 961779

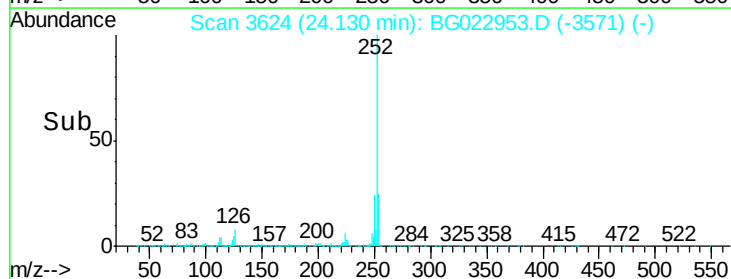
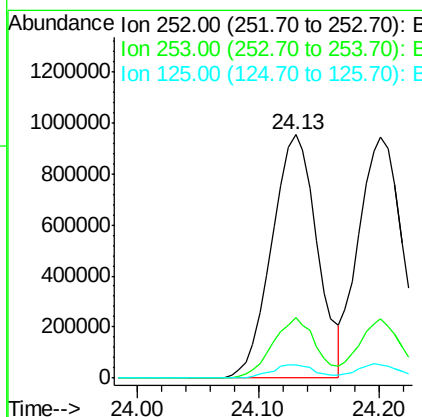
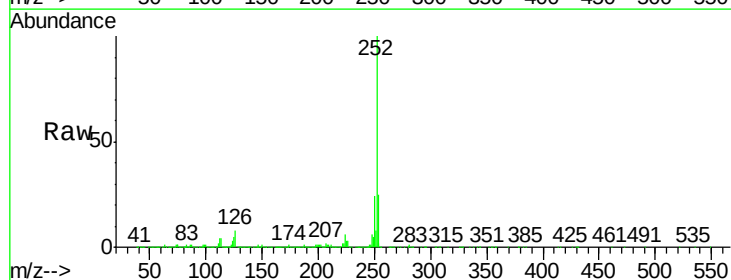
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	22.0	18.9	28.3

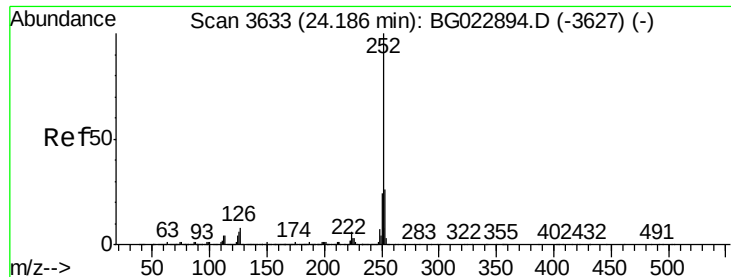


#87
Benzo(b)fluoranthene
Concen: 44.76 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG022953.D
Acq: 9 Jul 2016 6:06

Tgt Ion:252 Resp: 2483645

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.9	28.3
125	5.5	3.9	5.9





#88

Benzo(k)fluoranthene

Concen: 44.76 ng

RT: 24.20 min Scan# 3636

Delta R.T. 0.01 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

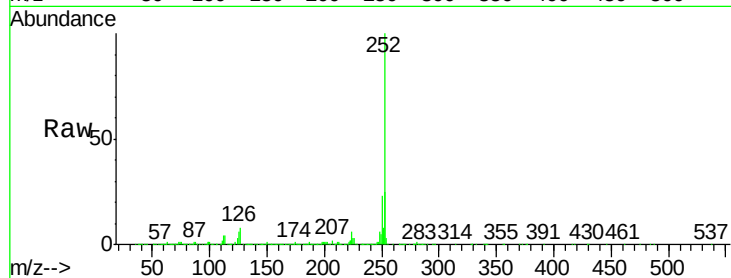
Tot Ion:252 Resp: 2356801

Ion Ratio Lower Upper

252 100

253 24.6 18.8 28.2

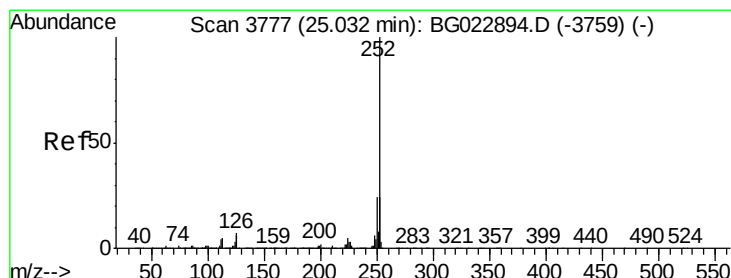
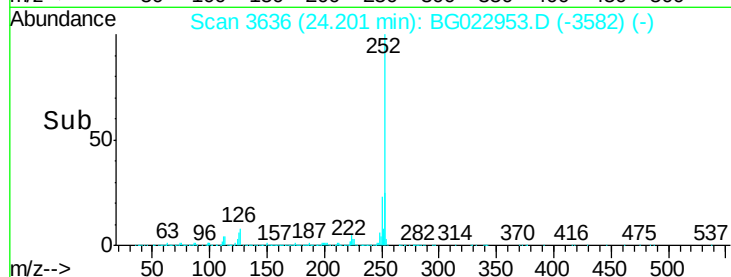
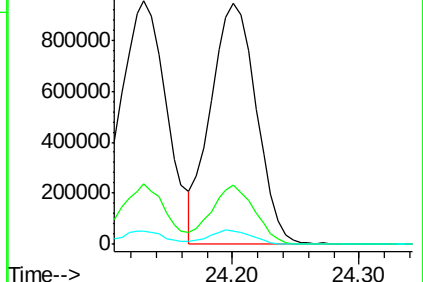
125 5.6 3.2 4.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 44.75 ng

RT: 25.04 min Scan# 3779

Delta R.T. 0.01 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

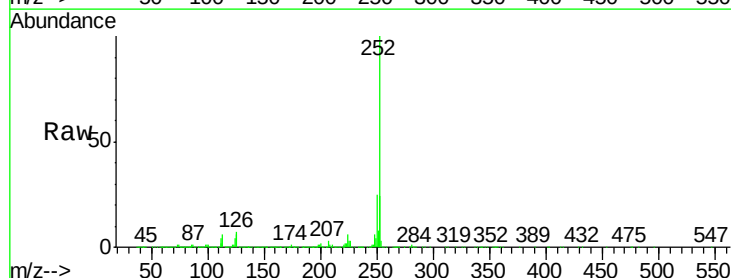
Tgt Ion:252 Resp: 2380139

Ion Ratio Lower Upper

252 100

253 24.4 18.7 28.1

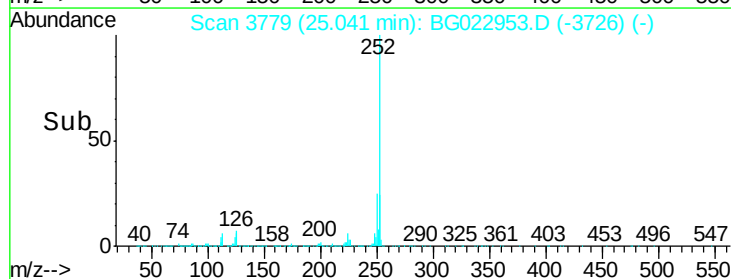
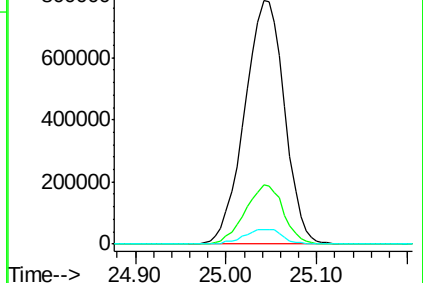
125 5.7 3.9 5.9

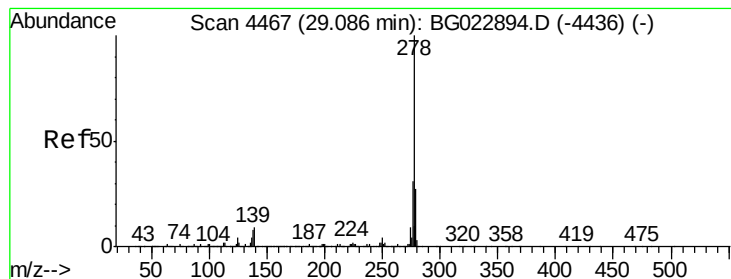


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 43.79 ng

RT: 29.11 min Scan# 4472

Delta R.T. 0.03 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Instrument :

BNA_G

ClientSampleId :

PB91977BS

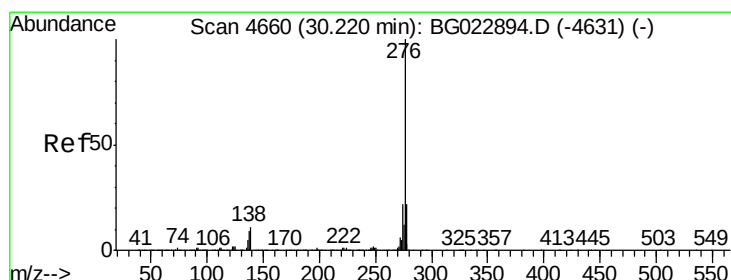
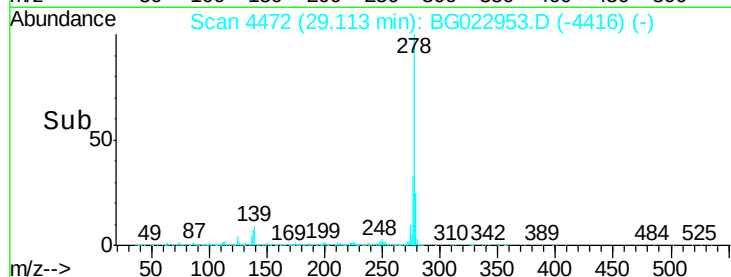
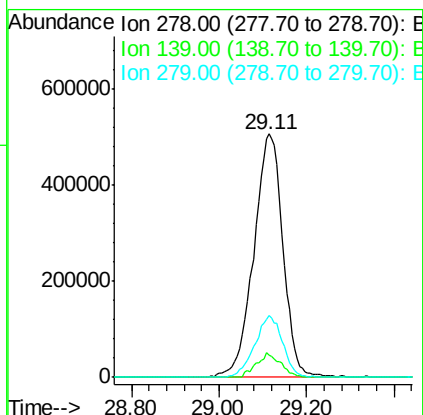
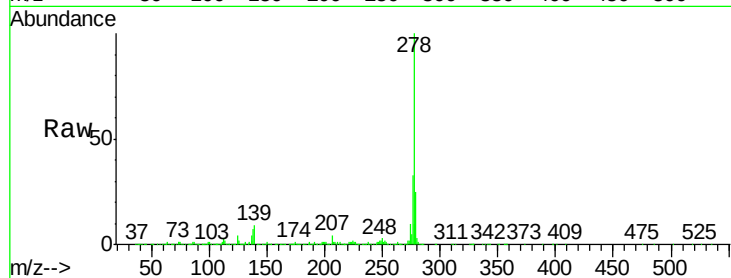
Tot Ion:278 Resp: 2311895

Ion Ratio Lower Upper

278 100

139 8.9 4.7 7.1#

279 25.4 18.3 27.5



#91

Benzo(g,h,i)perylene

Concen: 43.85 ng

RT: 30.26 min Scan# 4667

Delta R.T. 0.04 min

Lab File: BG022953.D

Acq: 9 Jul 2016 6:06

Tgt Ion:276 Resp: 2318533

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 11.6 6.8 10.2#

