

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
 Data File : BG024151.D
 Acq On : 28 Sep 2016 18:52
 Operator : UM/SJ
 Sample : PB93653BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

Quant Time: Sep 29 01:16:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55169	20.00	ng	0.03
21) Naphthalene-d8	10.89	136	254067	20.00	ng	0.01
38) Acenaphthene-d10	14.73	164	208905	20.00	ng	0.01
63) Phenanthrene-d10	17.49	188	462321	20.00	ng	0.00
75) Chrysene-d12	21.80	240	477428	20.00	ng	0.00
86) Perylene-d12	25.14	264	470256	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	273533	85.90	ng	0.02
7) Phenol-d6	7.23	99	415564	77.56	ng	0.03
23) Nitrobenzene-d5	9.24	82	457635	70.99	ng	0.02
41) 2,4,6-Tribromophenol	16.23	330	185413	61.75	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	928011	74.67	ng	0.01
78) Terphenyl-d14	20.10	244	1498105	64.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	43506	35.70	ng	# 93
3) Pyridine	3.85	79	142422	33.06	ng	97
4) n-Nitrosodimethylamine	3.77	42	73838	33.82	ng	# 86
6) Aniline	7.39	93	124020	16.48	ng	94
8) 2-Chlorophenol	7.63	128	153678	40.31	ng	94
9) Benzaldehyde	7.20	77	110517	37.88	ng	95
10) Phenol	7.26	94	234635	41.65	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	160473	36.12	ng	87
12) 1,3-Dichlorobenzene	7.95	146	159385	37.49	ng	95
13) 1,4-Dichlorobenzene	8.10	146	159507	36.77	ng	97
14) 1,2-Dichlorobenzene	8.42	146	160078	37.91	ng	91
15) Benzyl Alcohol	8.32	79	187019	36.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	219235	35.74	ng	95
17) 2-Methylphenol	8.52	107	153729	41.05	ng	94
18) Hexachloroethane	9.14	117	65238	35.69	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	173430	32.95	ng	95
20) 3+4-Methylphenols	8.86	107	213524	39.26	ng	89
22) Acetophenone	8.90	105	275615	37.60	ng	# 97
24) Nitrobenzene	9.29	77	254006	36.76	ng	# 89
25) Isophorone	9.80	82	455146	34.62	ng	96
26) 2-Nitrophenol	10.01	139	94235	38.45	ng	# 82
27) 2,4-Dimethylphenol	10.07	122	165093	40.28	ng	94
28) bis(2-Chloroethoxy)methane	10.29	93	242049	37.86	ng	100
29) 2,4-Dichlorophenol	10.56	162	181733	42.60	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	173341	37.97	ng	98
31) Naphthalene	10.94	128	505599	39.28	ng	99
32) Benzoic acid	10.24	122	75967	26.13	ng	94
33) 4-Chloroaniline	11.08	127	45836	7.98	ng	97
34) Hexachlorobutadiene	11.21	225	123194	34.28	ng	96
35) Caprolactam	11.85	113	64937m	37.43	ng	
36) 4-Chloro-3-methylphenol	12.20	107	233356	38.88	ng	97
37) 2-Methylnaphthalene	12.55	142	393155	39.89	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	221960	36.39	ng	99
40) Hexachlorocyclopentadiene	12.89	237	204834	72.57	ng	97

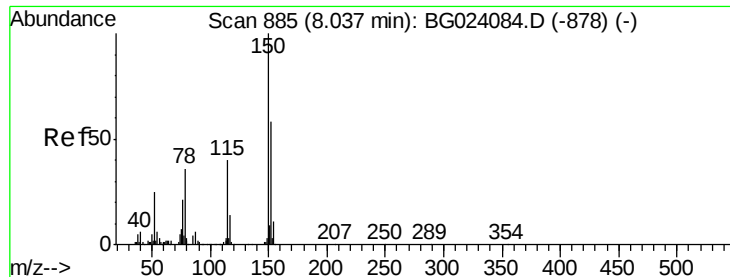
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
 Data File : BG024151.D
 Acq On : 28 Sep 2016 18:52
 Operator : UM/SJ
 Sample : PB93653BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

Quant Time: Sep 29 01:16:27 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	155471	39.42	nq	94
43) 2,4,5-Trichlorophenol	13.26	196	161962	39.91	nq	90
45) 1,1'-Biphenyl	13.56	154	548035	38.36	nq	96
46) 2-Chloronaphthalene	13.60	162	425795	39.92	nq	98
47) 2-Nitroaniline	13.83	65	187539	37.79	nq	98
48) Acenaphthylene	14.45	152	696403	38.46	nq	98
49) Dimethylphthalate	14.18	163	618865	38.62	nq	97
50) 2,6-Dinitrotoluene	14.31	165	134930	40.08	nq	98
51) Acenaphthene	14.80	154	433950	39.51	nq	98
52) 3-Nitroaniline	14.66	138	50345	14.97	nq	90
53) 2,4-Dinitrophenol	14.88	184	128321	57.50	nq	94
54) Dibenzofuran	15.13	168	720235	42.12	nq	97
55) 4-Nitrophenol	14.99	139	169308	64.52	nq	92
56) 2,4-Dinitrotoluene	15.11	165	200211	39.08	nq	90
57) Fluorene	15.78	166	590710	39.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	165072	42.12	nq	93
59) Diethylphthalate	15.54	149	662992	38.41	nq	97
60) 4-Chlorophenyl-phenylether	15.76	204	306602	38.45	nq	98
61) 4-Nitroaniline	15.83	138	132419	38.02	nq	# 73
62) Azobenzene	16.06	77	747548	42.63	nq	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	112798	35.13	nq	93
65) n-Nitrosodiphenylamine	15.99	169	532975	42.14	nq	92
66) 4-Bromophenyl-phenylether	16.66	248	213931	39.89	nq	99
67) Hexachlorobenzene	16.79	284	218941	36.24	nq	95
68) Atrazine	16.94	200	227645	40.77	nq	95
69) Pentachlorophenol	17.15	266	190716	61.75	nq	98
70) Phenanthrene	17.53	178	1002486	42.57	nq	98
71) Anthracene	17.63	178	1015949	42.00	nq	97
72) Carbazole	17.90	167	911943	40.50	nq	98
73) Di-n-butylphthalate	18.44	149	1123437	38.12	nq	96
74) Fluoranthene	19.55	202	1190664	38.73	nq	94
76) Benzidine	19.74	184	276434	20.45	nq	99
77) Pyrene	19.91	202	1188106	35.64	nq	95
79) Butylbenzylphthalate	20.78	149	475117	38.70	nq	97
80) Benzo(a)anthracene	21.78	228	1107497	40.75	nq	94
81) 3,3'-Dichlorobenzidine	21.69	252	199604	20.49	nq	# 94
82) Chrysene	21.84	228	1040501	40.73	nq	98
83) Bis(2-ethylhexyl)phthalate	21.64	149	665803	45.40	nq	# 96
84) Di-n-octyl phthalate	22.89	149	1169206	46.20	nq	97
85) Indeno(1,2,3-cd)pyrene	28.96	276	1286077	45.14	nq	# 100
87) Benzo(b)fluoranthene	24.07	252	1119410	40.92	nq	# 98
88) Benzo(k)fluoranthene	24.14	252	1111848	40.92	nq	# 98
89) Benzo(a)pyrene	24.98	252	1094359	41.38	nq	# 97
90) Dibenzo(a,h)anthracene	29.02	278	1050739	39.79	nq	# 95
91) Benzo(g,h,i)perylene	30.17	276	1059854	39.83	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. 0.03 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

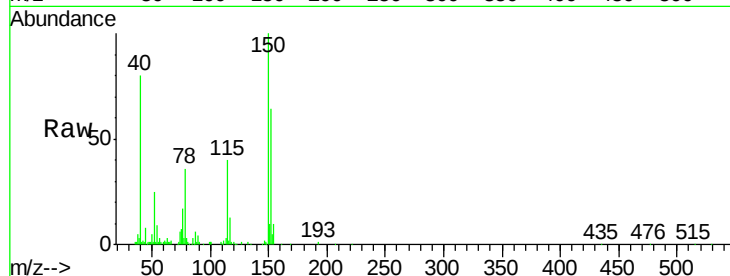
Tot Ion:152 Resp: 55169

Ion Ratio Lower Upper

152 100

150 156.7 144.7 217.1

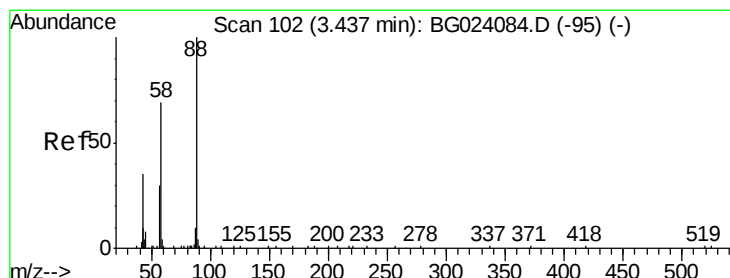
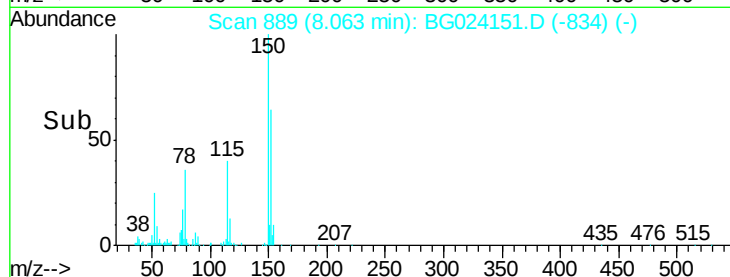
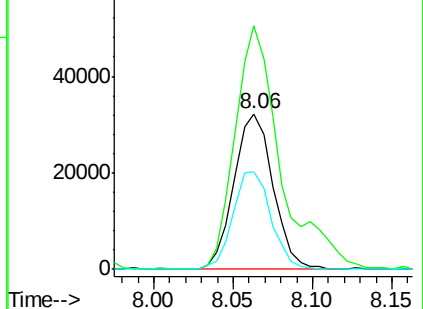
115 63.0 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.70 ng

RT: 3.44 min Scan# 102

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

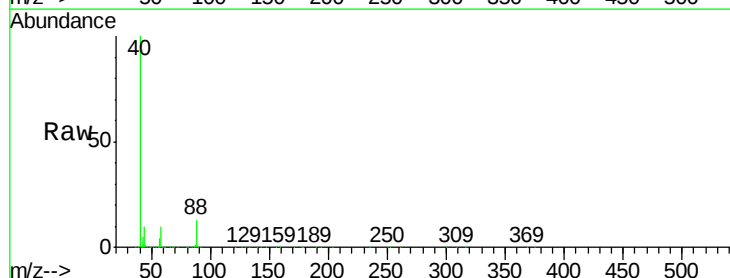
Tgt Ion: 88 Resp: 43506

Ion Ratio Lower Upper

88 100

58 78.3 60.4 90.6

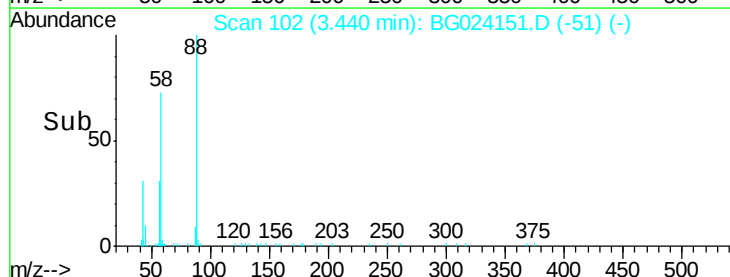
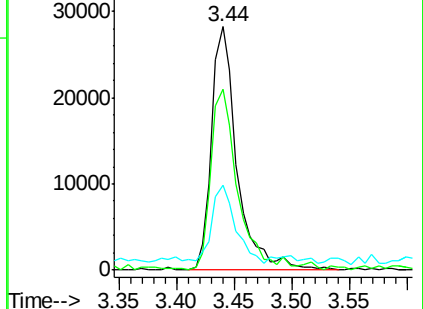
43 29.5 31.1 46.7#



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.06 ng

RT: 3.85 min Scan# 172

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

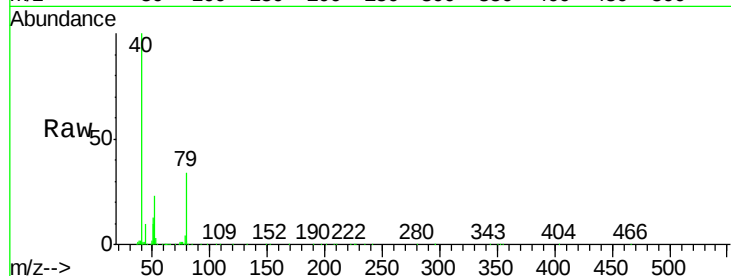
Tot Ion: 79 Resp: 142422

Ion Ratio Lower Upper

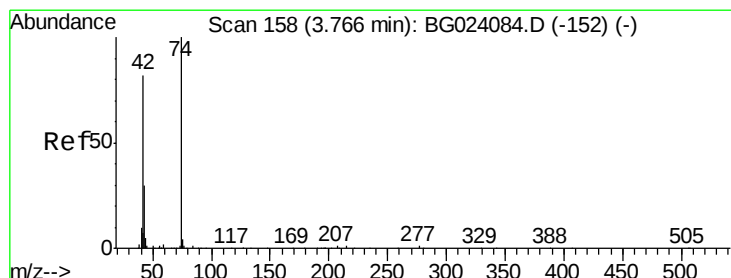
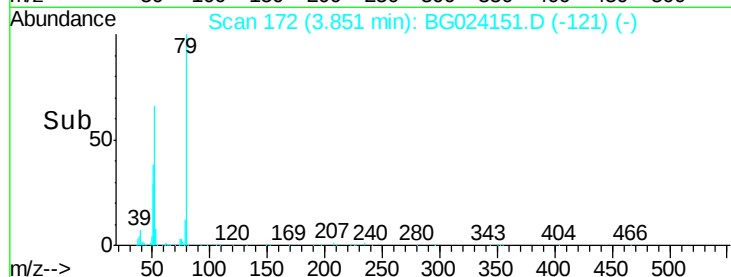
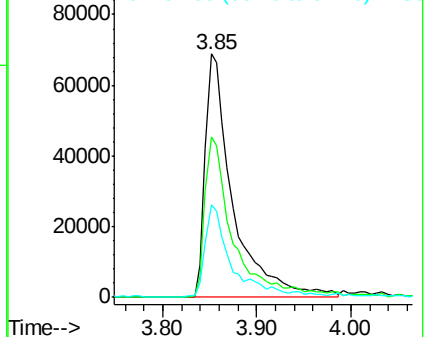
79 100

52 65.9 51.8 77.8

51 38.1 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: 33.82 ng

RT: 3.77 min Scan# 159

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

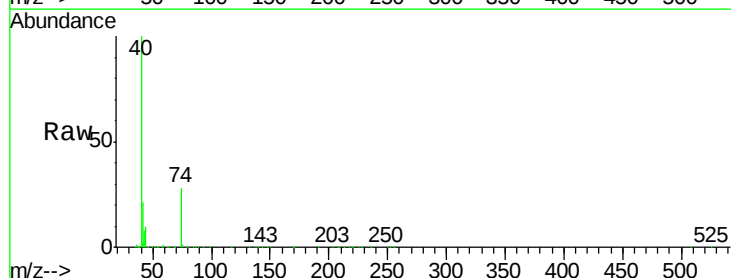
Tgt Ion: 42 Resp: 73838

Ion Ratio Lower Upper

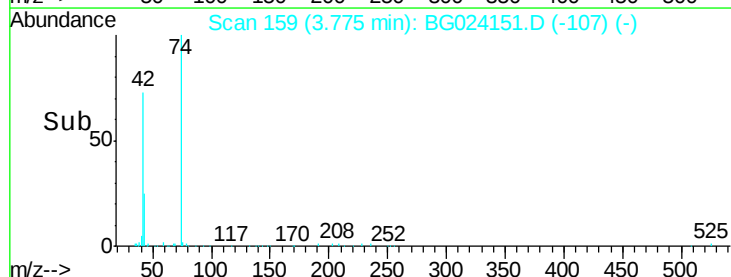
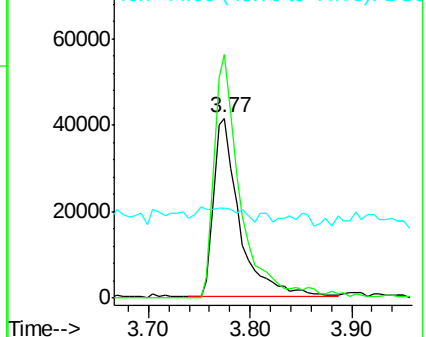
42 100

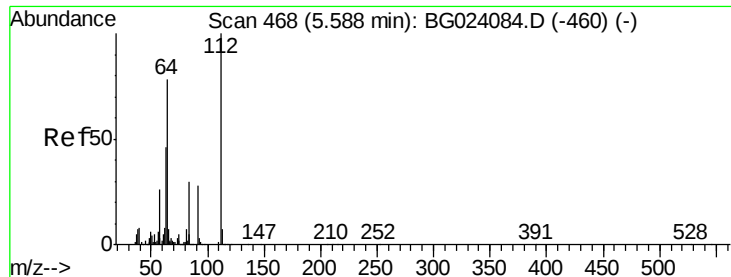
74 135.3 100.6 150.8

44 49.9 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: 85.90 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.02 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

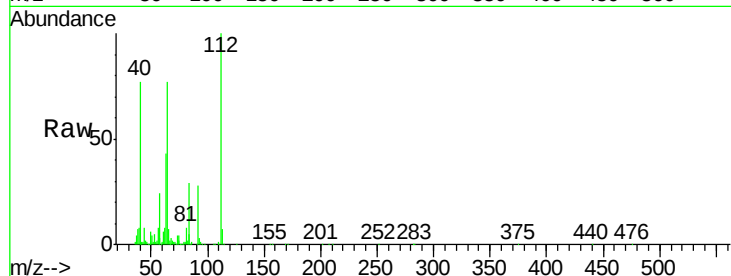
Tot Ion:112 Resp: 273533

Ion Ratio Lower Upper

112 100

64 76.9 59.0 88.4

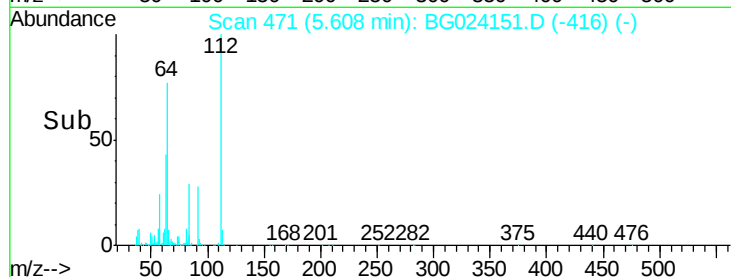
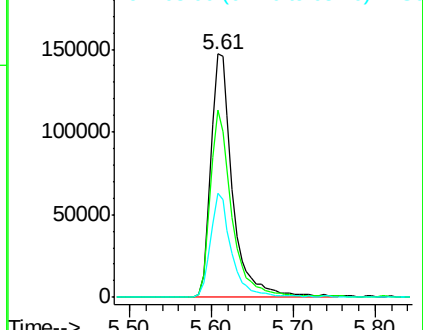
63 42.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.48 ng

RT: 7.39 min Scan# 774

Delta R.T. 0.03 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

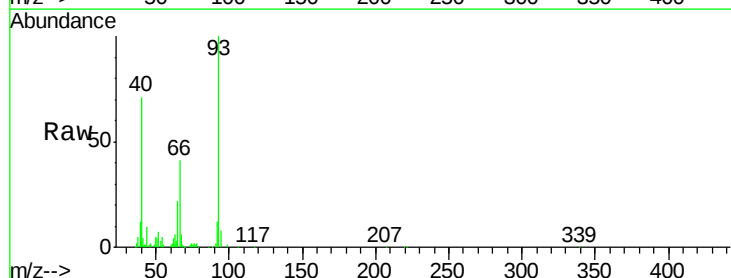
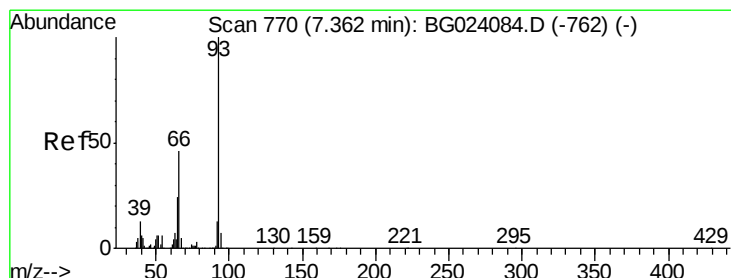
Tgt Ion: 93 Resp: 124020

Ion Ratio Lower Upper

93 100

66 41.4 37.5 56.3

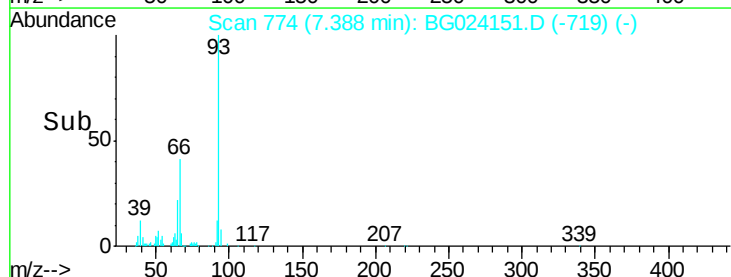
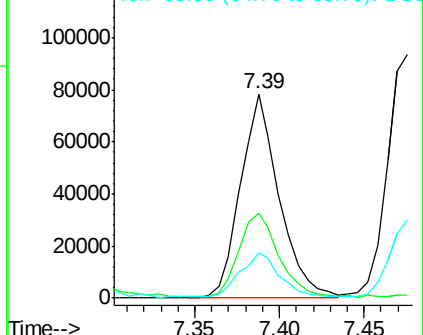
65 22.1 17.9 26.9

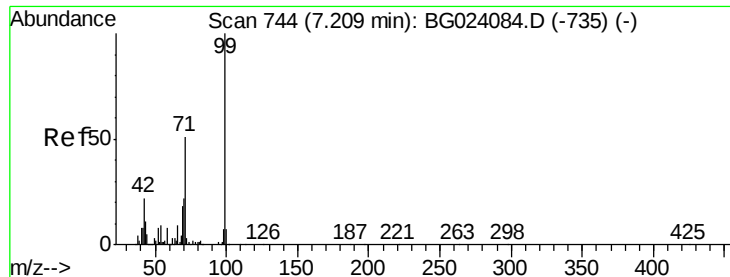


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.56 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.03 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

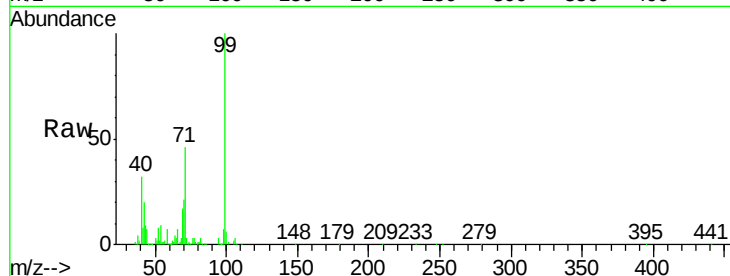
Tot Ion: 99 Resp: 415564

Ion Ratio Lower Upper

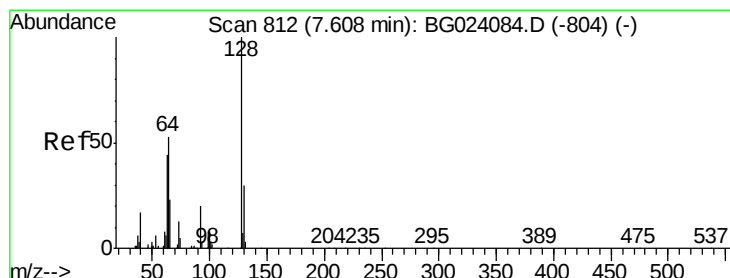
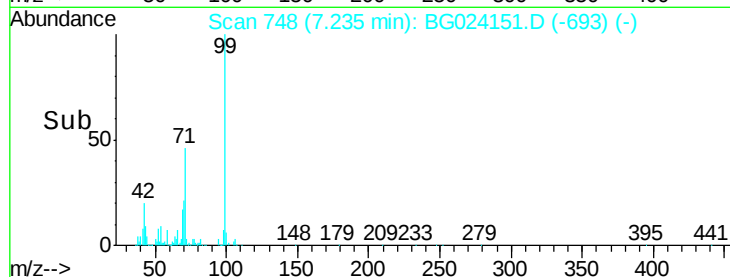
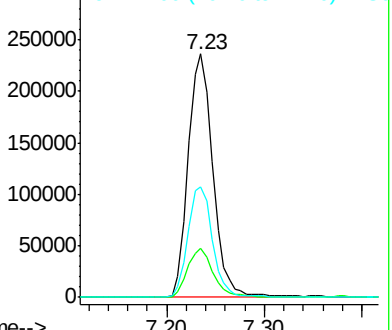
99 100

42 20.1 17.8 26.6

71 45.6 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: 40.31 ng

RT: 7.63 min Scan# 815

Delta R.T. 0.02 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

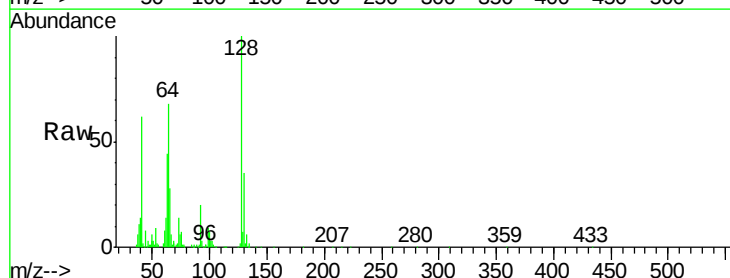
Tgt Ion: 128 Resp: 153678

Ion Ratio Lower Upper

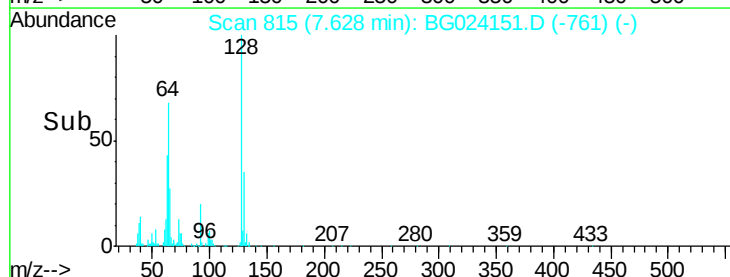
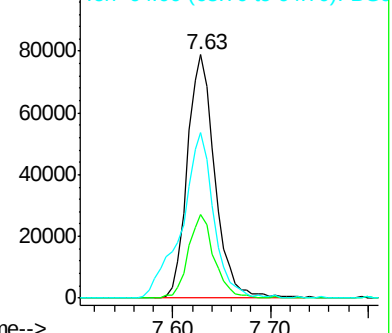
128 100

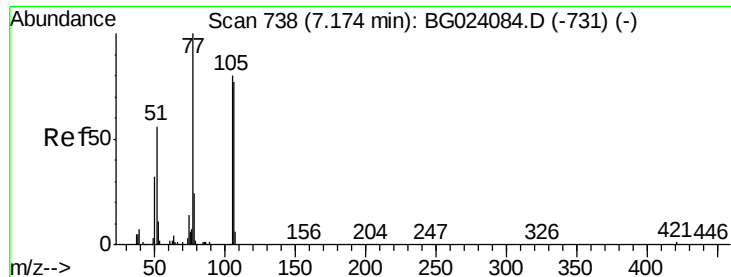
130 34.5 12.9 52.9

64 68.2 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: 37.88 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.03 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

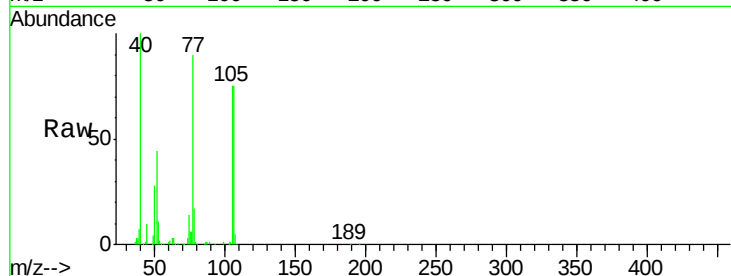
Tot Ion: 77 Resp: 110517

Ion Ratio Lower Upper

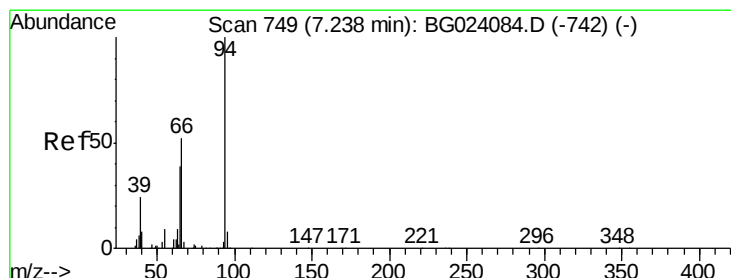
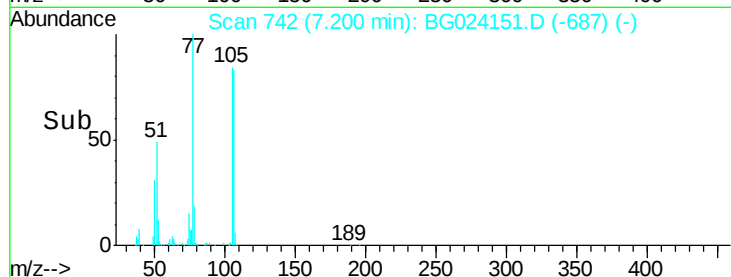
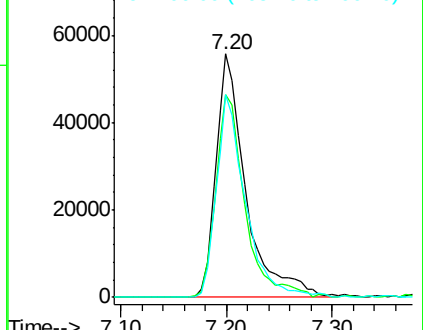
77 100

105 83.3 58.7 98.7

106 83.0 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.65 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.03 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

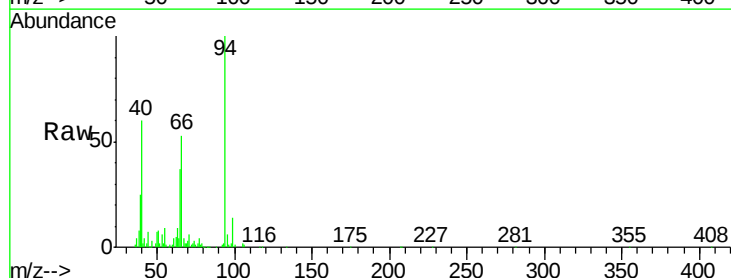
Tgt Ion: 94 Resp: 234635

Ion Ratio Lower Upper

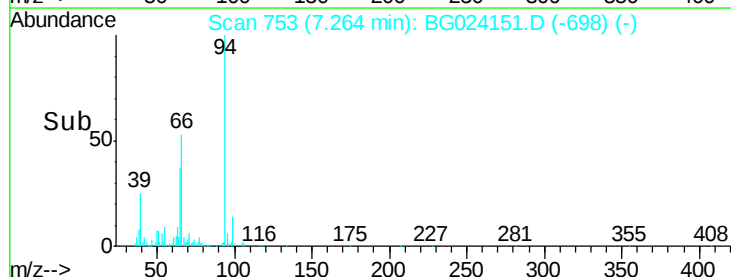
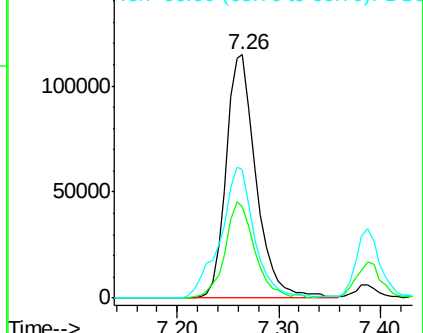
94 100

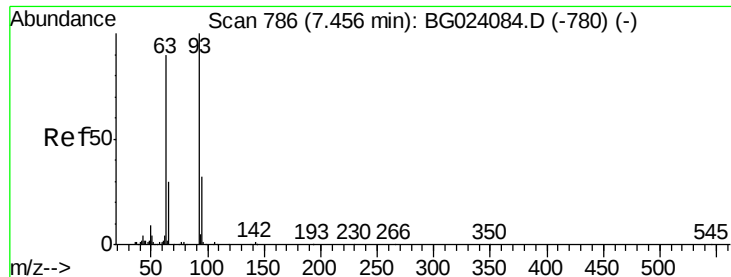
65 37.3 18.1 58.1

66 52.8 42.1 82.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

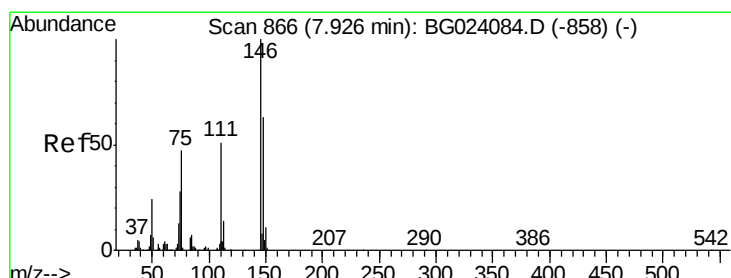
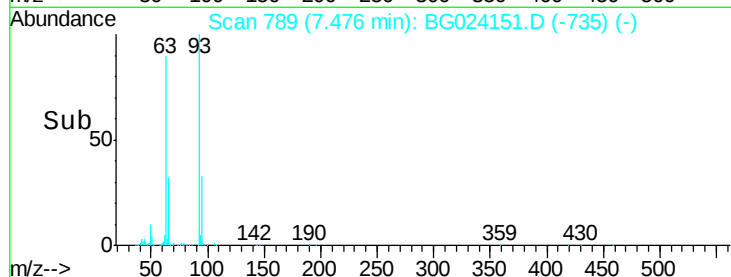
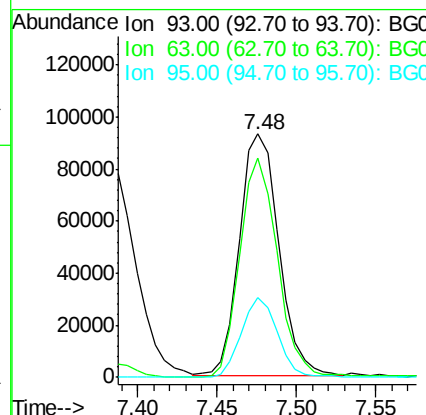
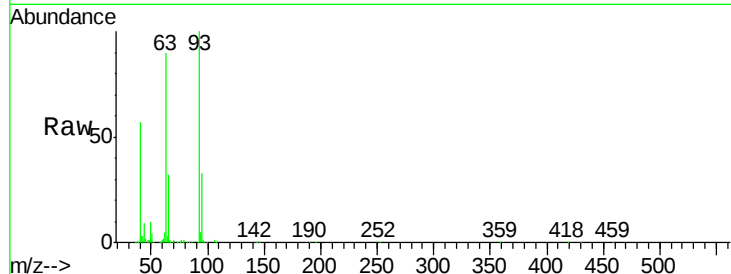




#11
bis(2-Chloroethyl)ether
Concen: 36.12 ng
RT: 7.48 min Scan# 789
Delta R.T. 0.02 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

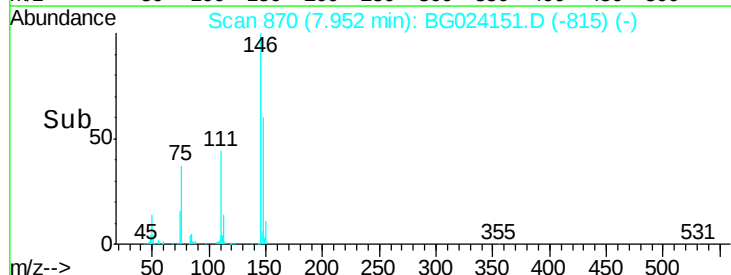
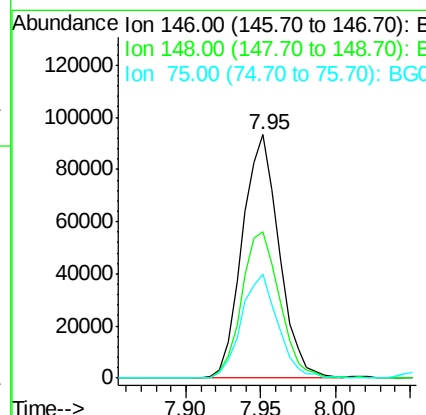
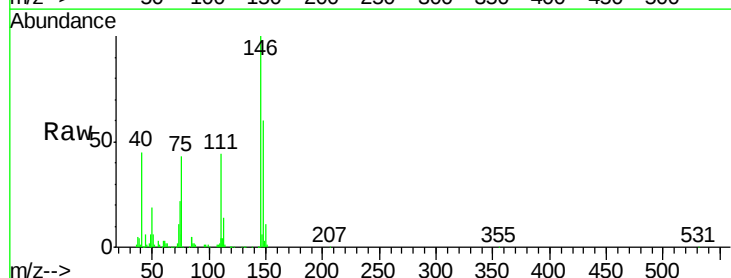
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

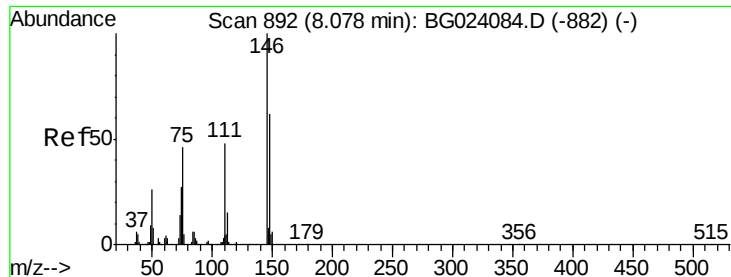
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.1	55.0	95.0
95	32.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.49 ng
RT: 7.95 min Scan# 870
Delta R.T. 0.03 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	50.3	75.5
75	42.6	37.0	55.6

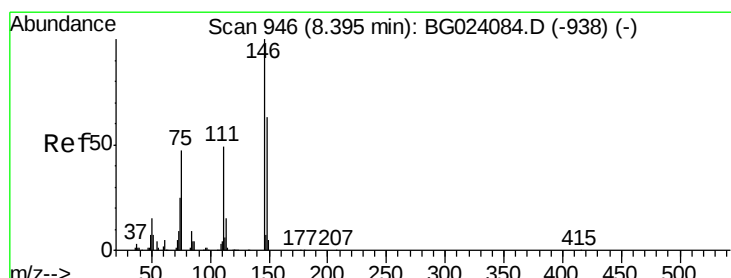
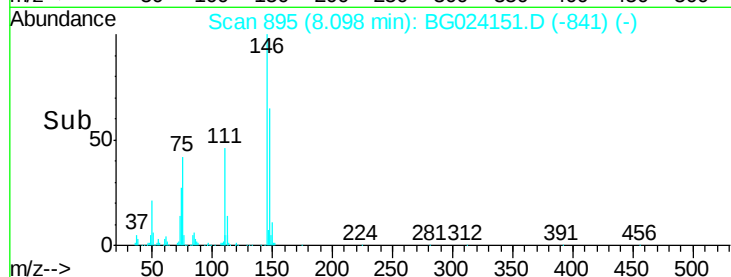
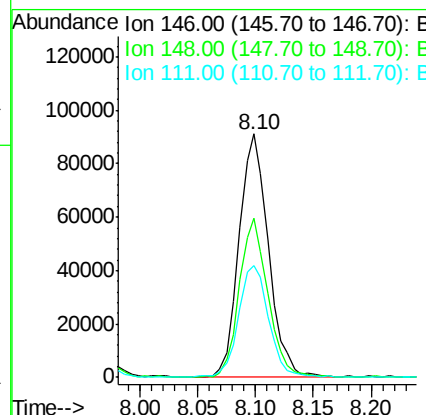
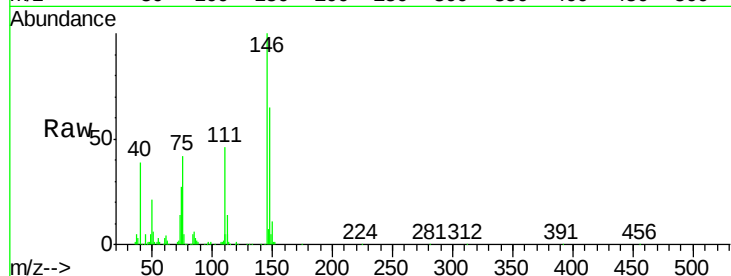




#13
 1,4-Dichlorobenzene
 Concen: 36.77 ng
 RT: 8.10 min Scan# 895
 Delta R.T. 0.02 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

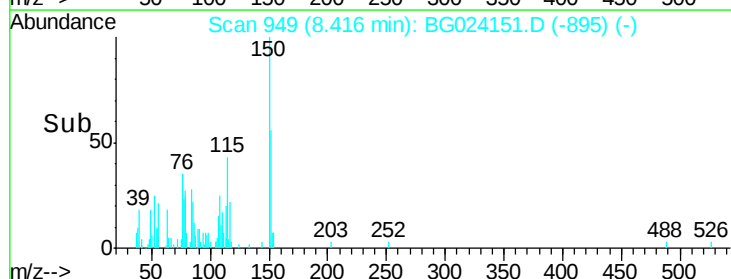
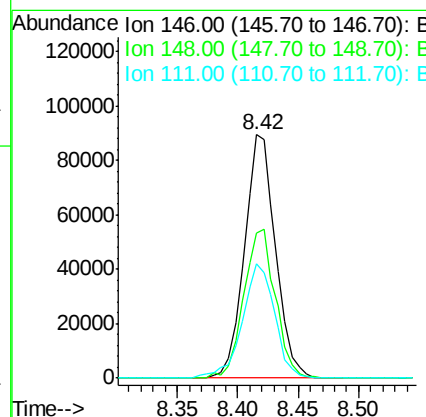
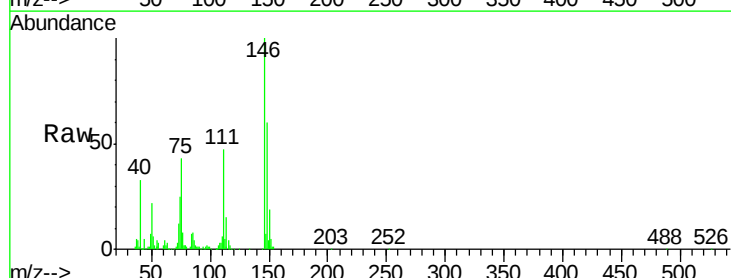
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

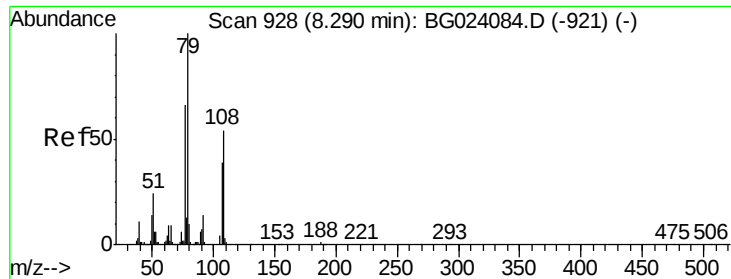
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.5	81.7
111	45.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 37.91 ng
 RT: 8.42 min Scan# 949
 Delta R.T. 0.02 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.8	52.9	79.3
111	47.1	43.5	65.3





#15

Benzyl Alcohol

Concen: 36.06 ng

RT: 8.32 min Scan# 932

Delta R.T. 0.03 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

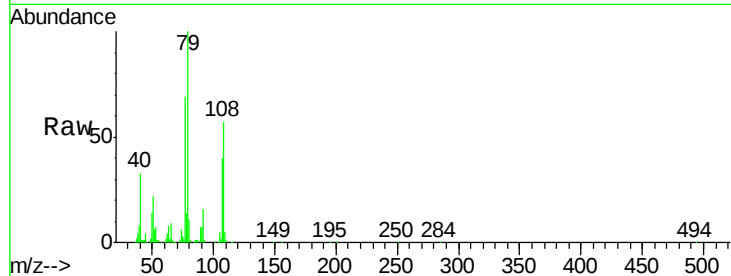
Tot Ion: 79 Resp: 187019

Ion Ratio Lower Upper

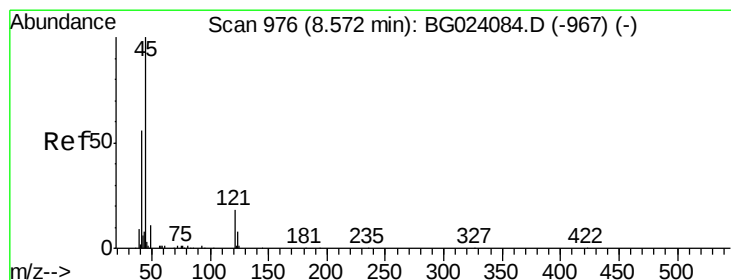
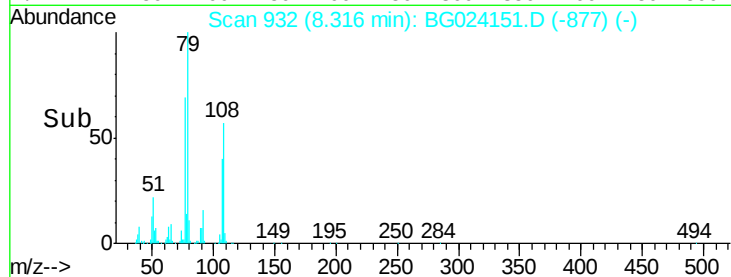
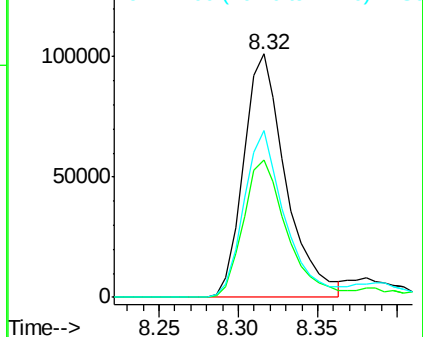
79 100

108 56.6 46.5 69.7

77 68.6 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.74 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.02 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

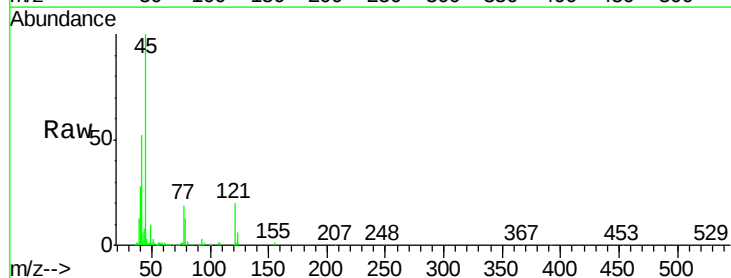
Tgt Ion: 45 Resp: 219235

Ion Ratio Lower Upper

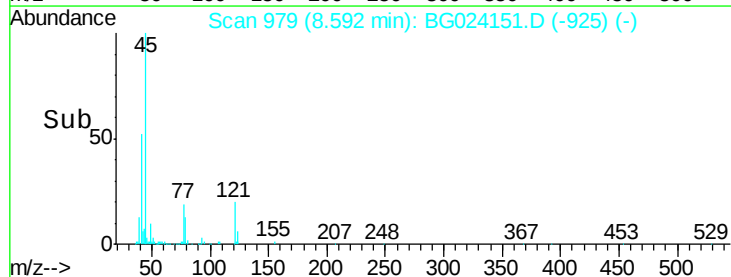
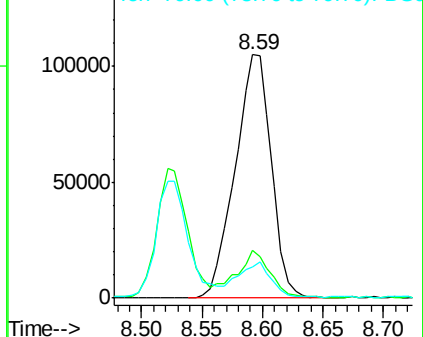
45 100

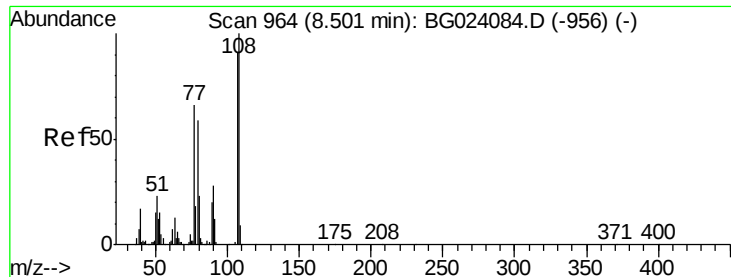
77 19.4 0.6 40.6

79 12.8 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 41.05 ng

RT: 8.52 min Scan# 967

Delta R.T. 0.02 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

Tot Ion:107 Resp: 153729

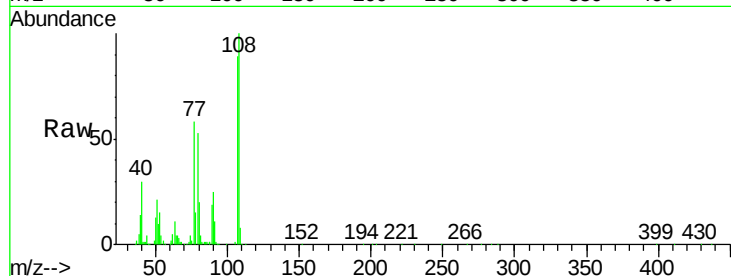
Ion Ratio Lower Upper

107 100

108 112.0 92.0 138.0

77 65.3 55.8 83.6

79 58.9 55.0 82.6

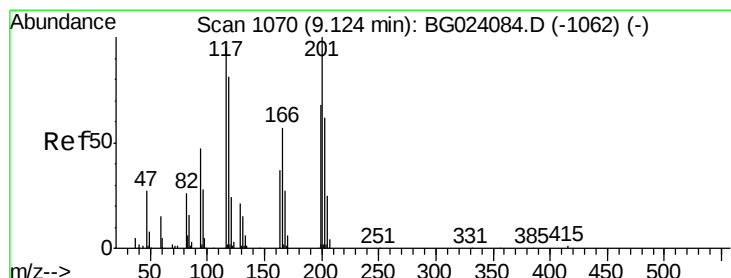
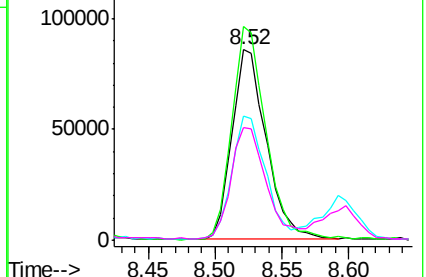
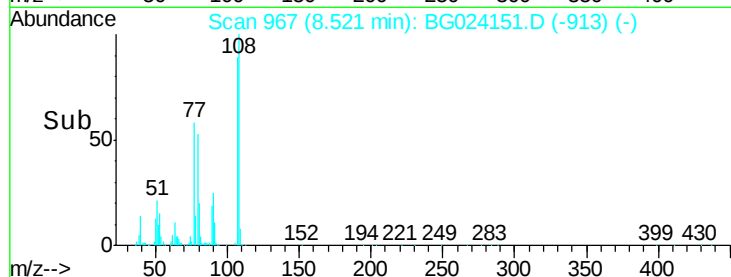


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.69 ng

RT: 9.14 min Scan# 1073

Delta R.T. 0.02 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

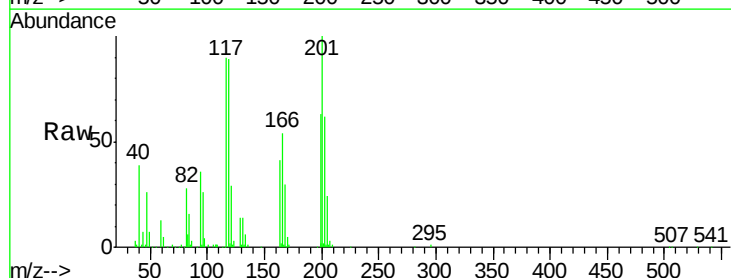
Tgt Ion:117 Resp: 65238

Ion Ratio Lower Upper

117 100

119 99.0 73.7 110.5

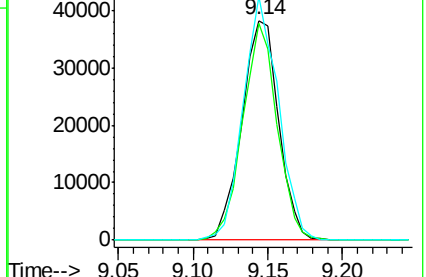
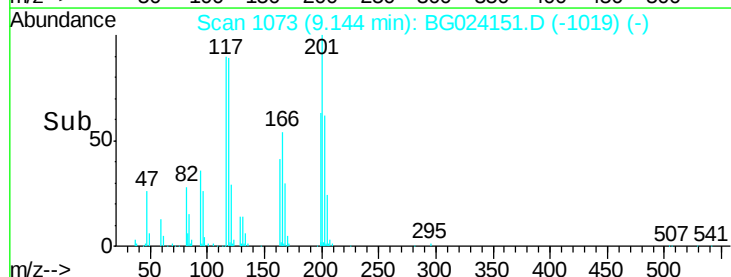
201 111.0 88.7 133.1

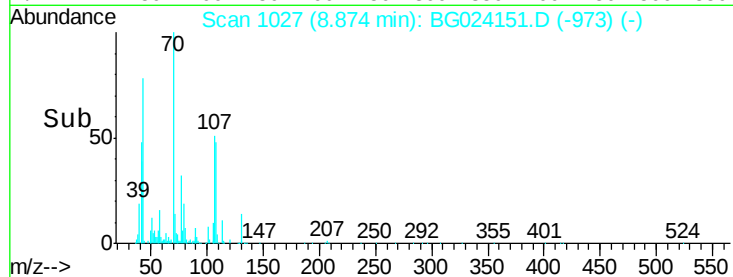
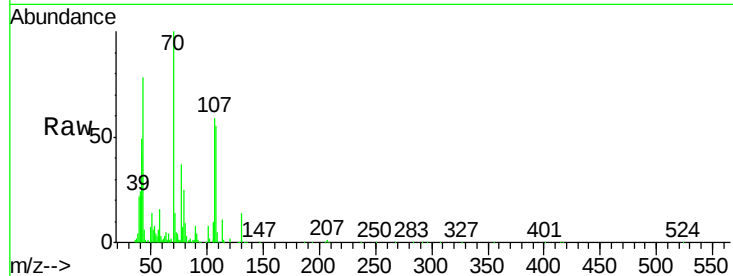
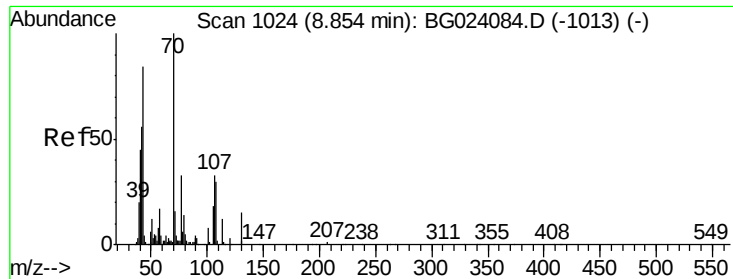


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

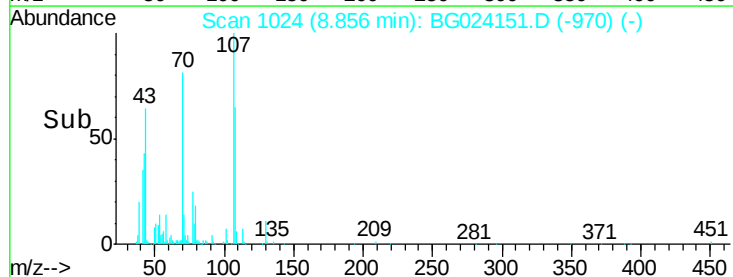
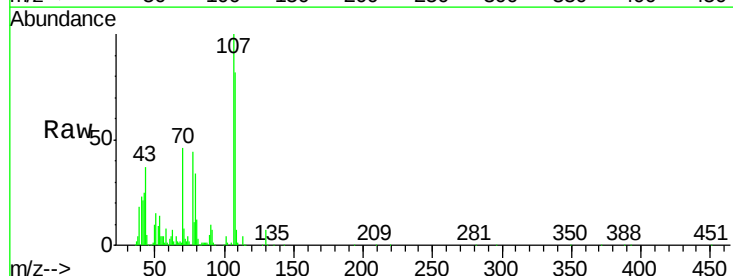
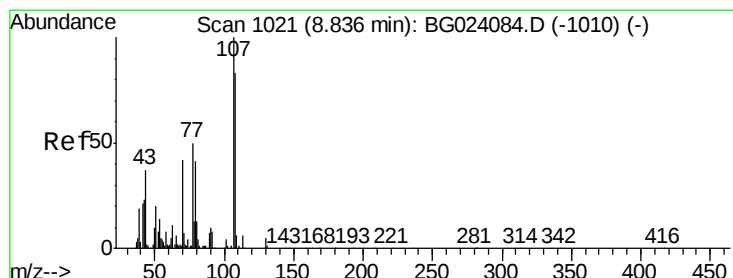
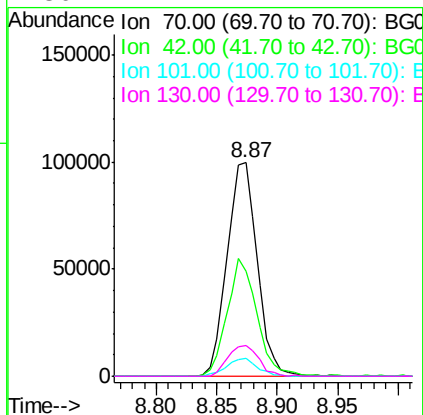




#19
n-Nitroso-di-n-propylamine
Concen: 32.95 ng
RT: 8.87 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

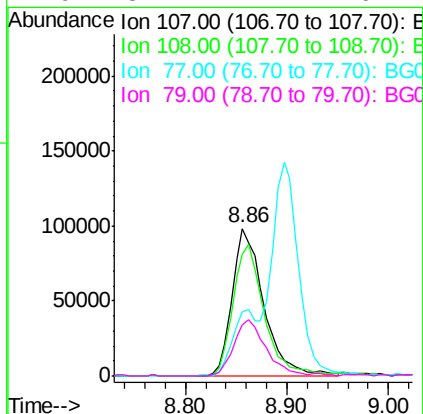
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

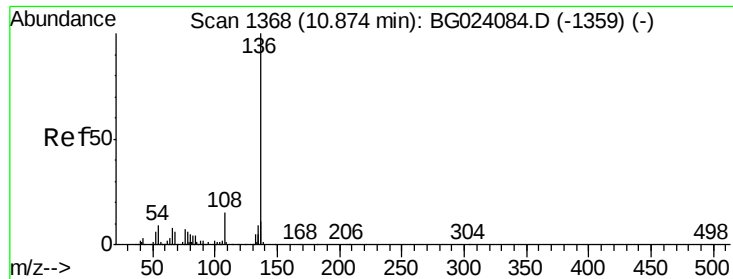
Tot Ion:	70	Resp:	173430
Ion	Ratio	Lower	Upper
70	100		
42	48.9	42.1	63.1
101	8.1	7.2	10.8
130	14.2	14.2	21.2



#20
3+4-Methylphenols
Concen: 39.26 ng
RT: 8.86 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion:	107	Resp:	213524
Ion	Ratio	Lower	Upper
107	100		
108	82.1	72.5	112.5
77	43.8	30.1	70.1
79	34.4	24.2	64.2

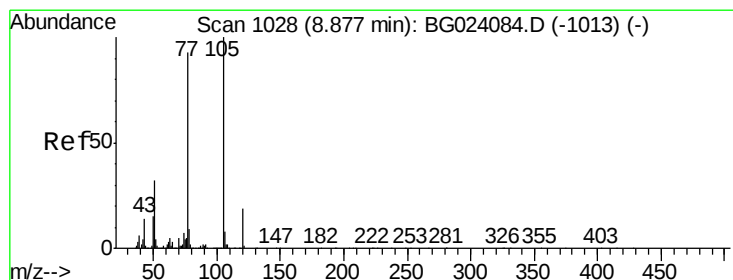
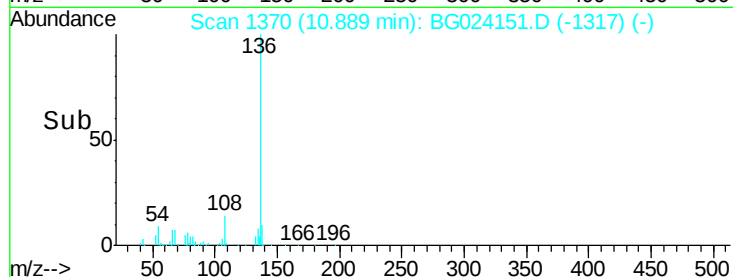
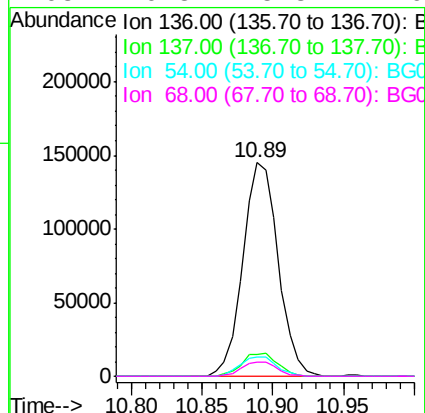
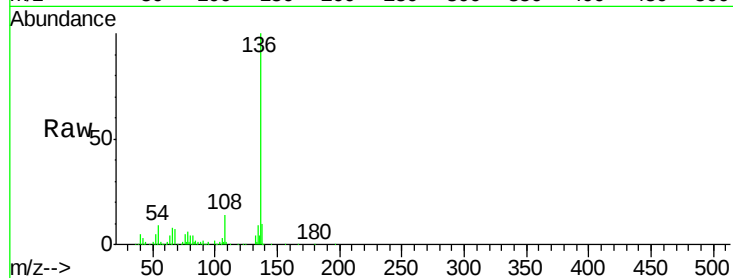




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

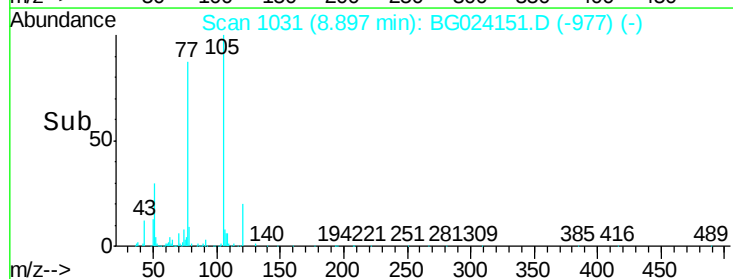
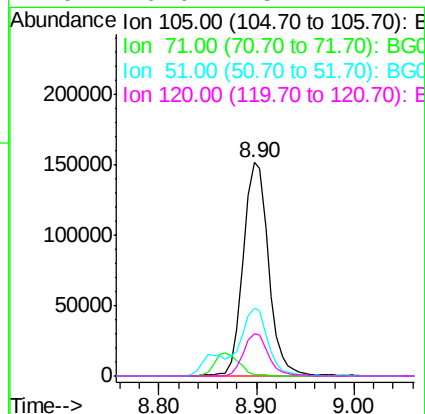
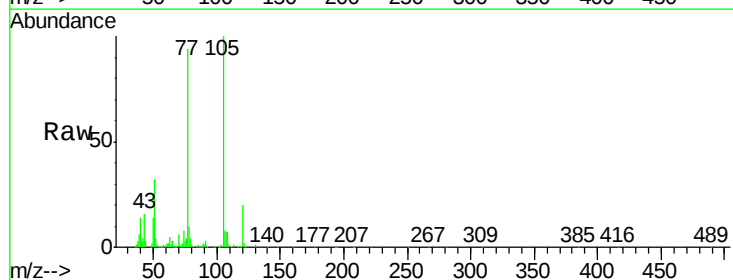
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

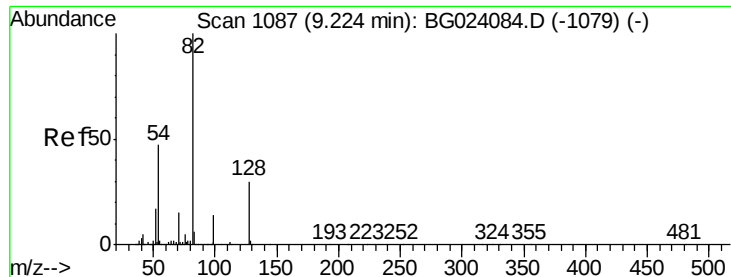
Tot Ion:136	Resp:	254067
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.6 14.4
54	9.3	7.3 10.9
68	6.8	5.3 7.9



#22
Acetophenone
Concen: 37.60 ng
RT: 8.90 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion:105	Resp:	275615
Ion Ratio	Lower	Upper
105	100	
71	0.8	2.6 3.8#
51	31.9	27.1 40.7
120	20.0	15.1 22.7

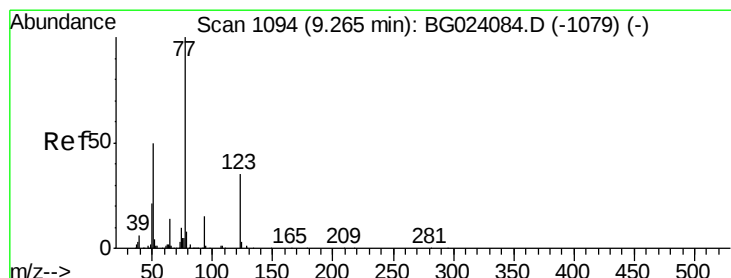
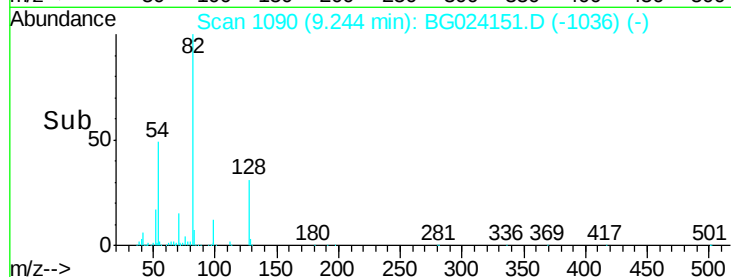
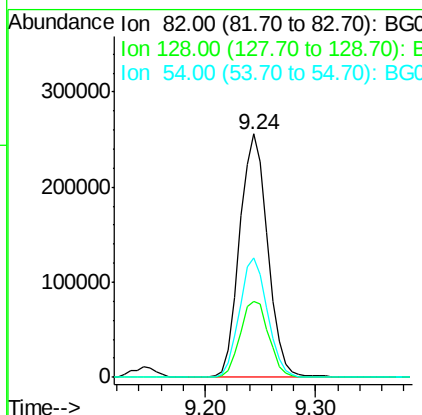
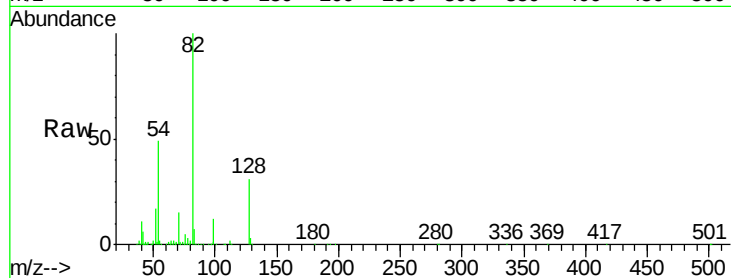




#23
Nitrobenzene-d5
Concen: 70.99 ng
RT: 9.24 min Scan# 1090
Delta R.T. 0.02 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

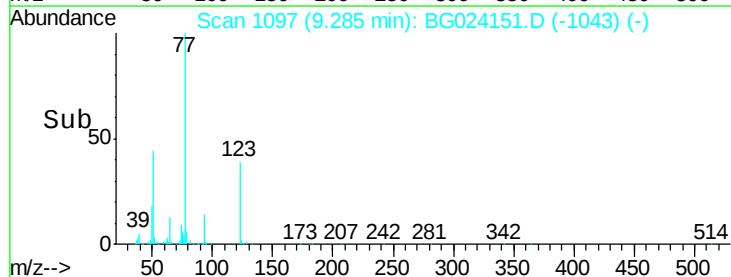
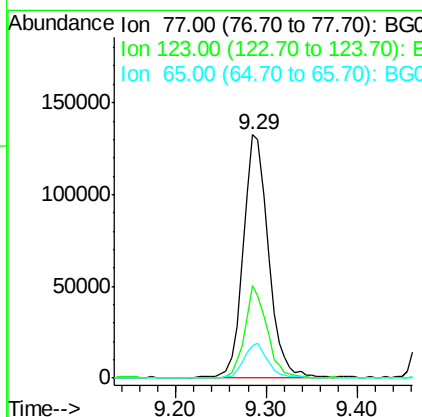
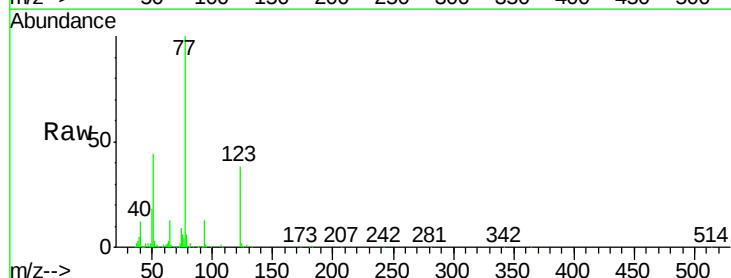
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

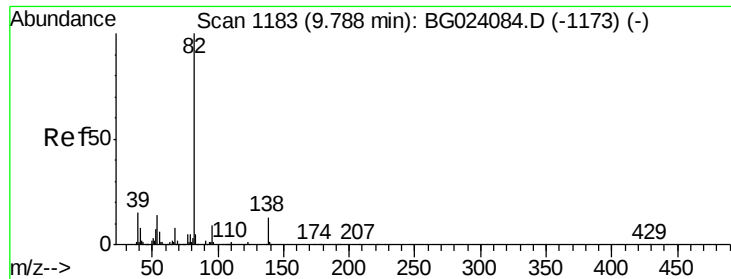
Tot Ion	82	Resp	457635
Ion Ratio	Lower	Upper	
82	100		
128	31.0	24.4	36.6
54	49.2	41.4	62.0



#24
Nitrobenzene
Concen: 36.76 ng
RT: 9.29 min Scan# 1097
Delta R.T. 0.02 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion	77	Resp	254006
Ion Ratio	Lower	Upper	
77	100		
123	38.1	25.0	37.6#
65	13.4	13.4	20.0





#25

Isophorone

Concen: 34.62 ng

RT: 9.80 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

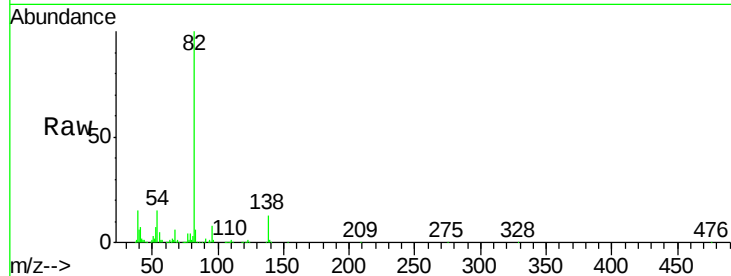
Tot Ion: 82 Resp: 455146

Ion Ratio Lower Upper

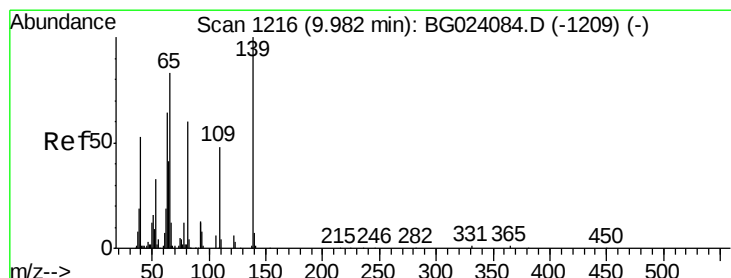
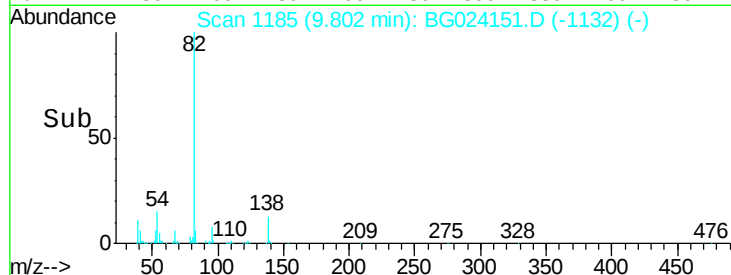
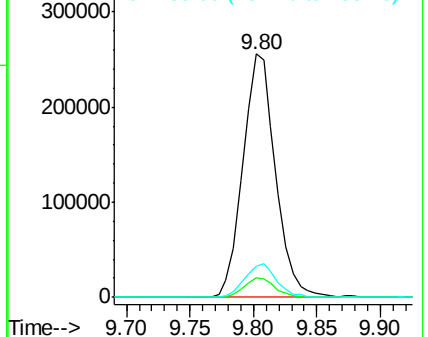
82 100

95 8.2 8.2 12.2

138 12.5 10.7 16.1



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



#26

2-Nitrophenol

Concen: 38.45 ng

RT: 10.01 min Scan# 1220

Delta R.T. 0.03 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

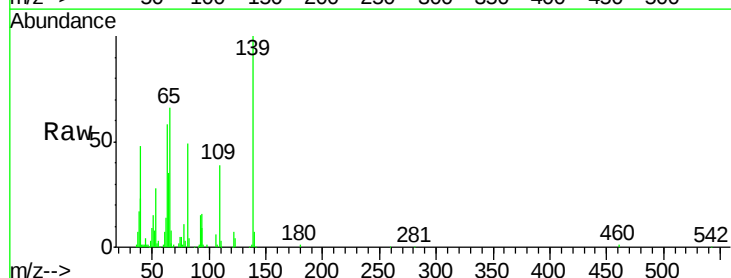
Tgt Ion: 139 Resp: 94235

Ion Ratio Lower Upper

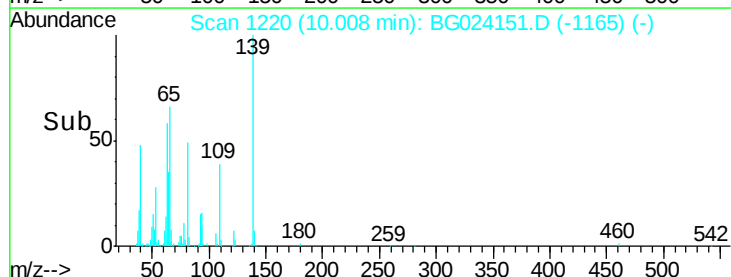
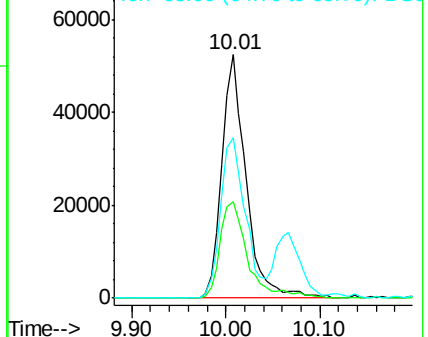
139 100

109 39.4 43.5 65.3#

65 65.8 64.3 96.5



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

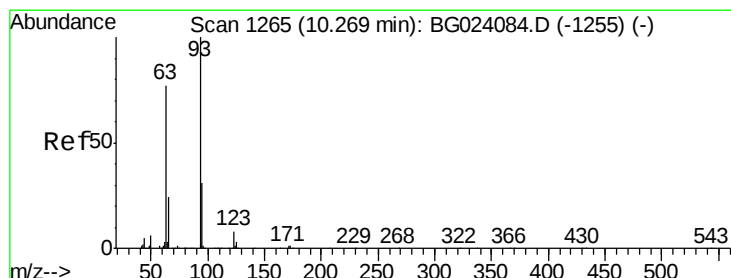
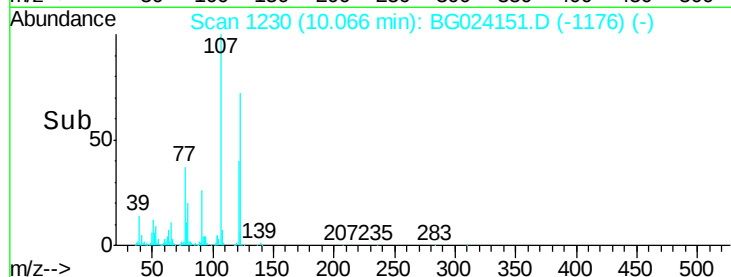
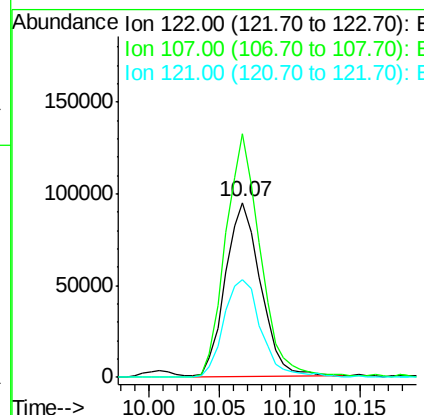
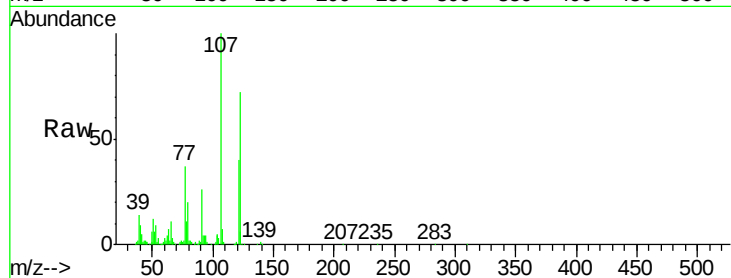




#27
 2,4-Dimethylphenol
 Concen: 40.28 ng
 RT: 10.07 min Scan# 1230
 Delta R.T. 0.02 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

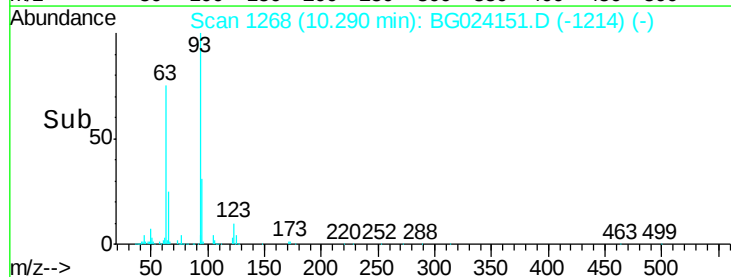
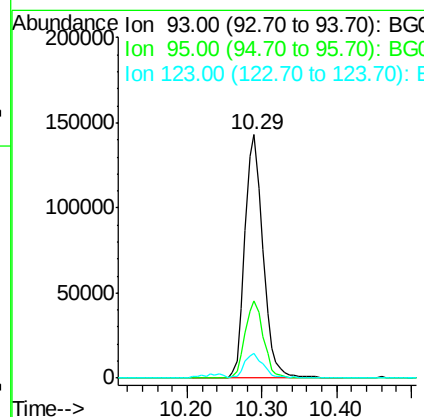
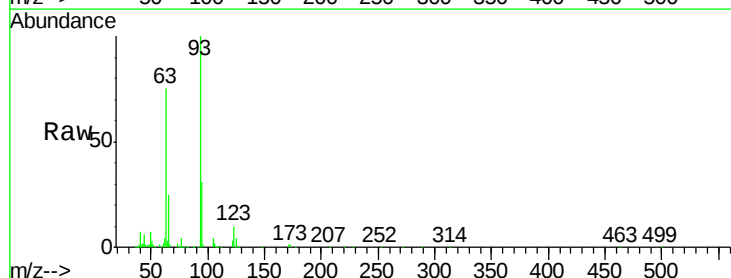
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

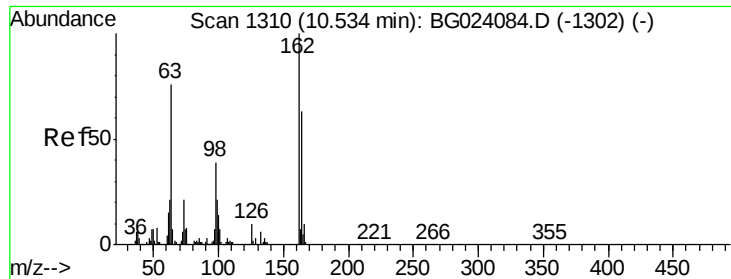
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.3	117.0	175.4
121	55.9	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.86 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.2
123	10.3	8.2	12.2

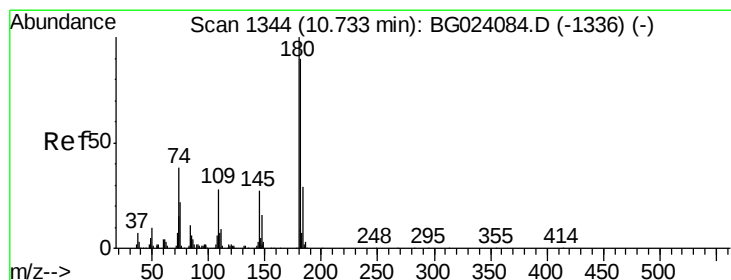
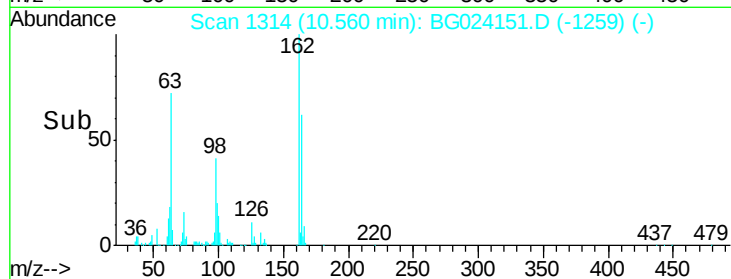
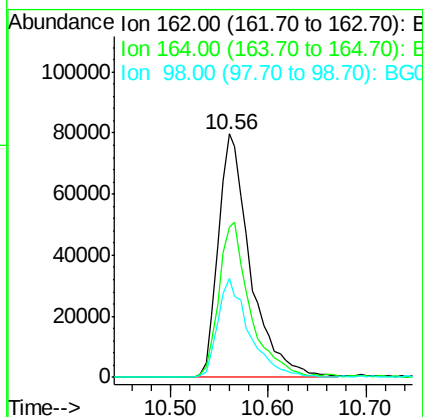
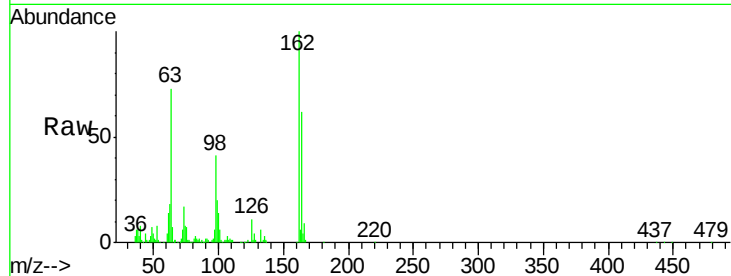




#29
 2,4-Dichlorophenol
 Concen: 42.60 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. 0.03 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

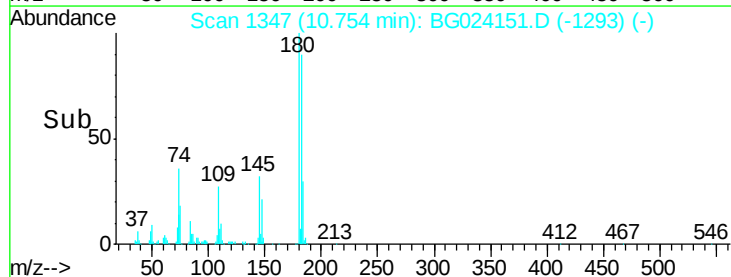
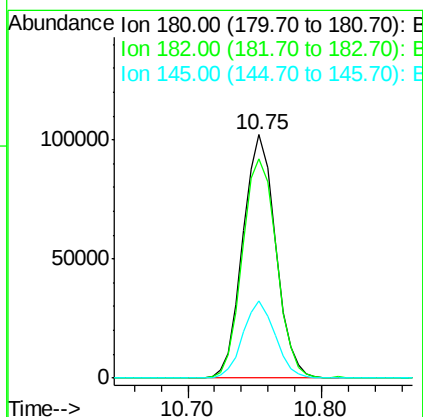
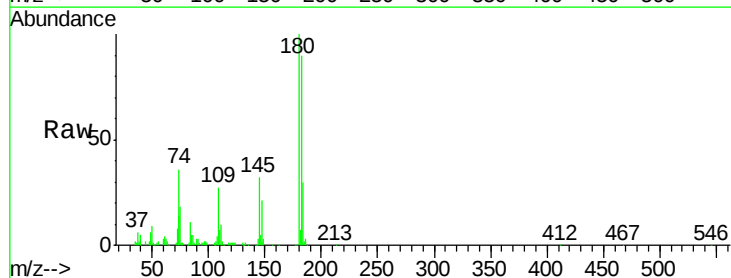
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

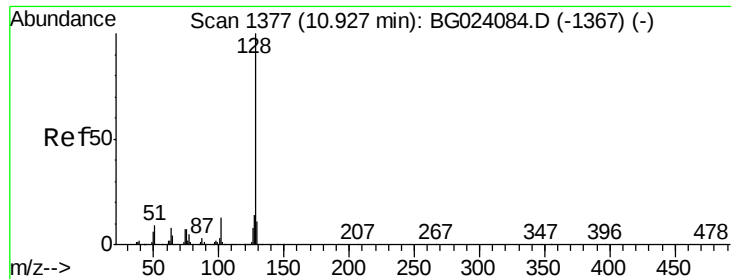
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.3	84.3
98	40.7	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.97 ng
 RT: 10.75 min Scan# 1347
 Delta R.T. 0.02 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	73.8	110.8
145	31.9	24.4	36.6

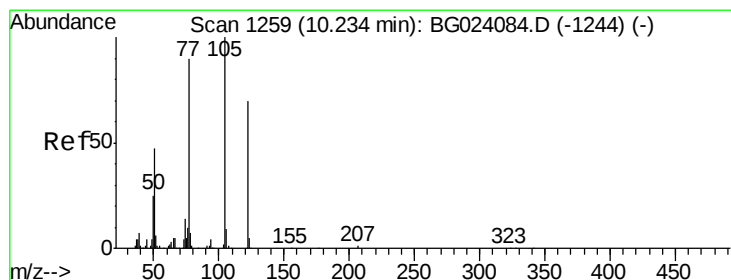
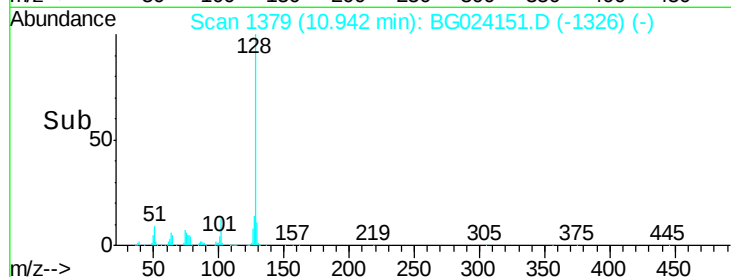
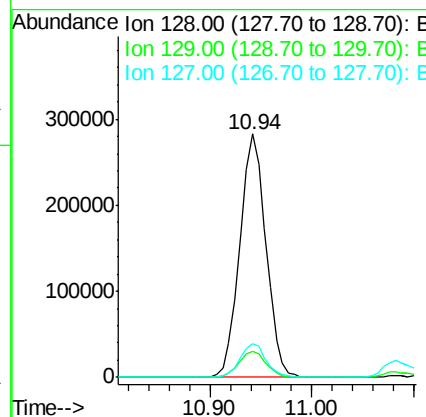
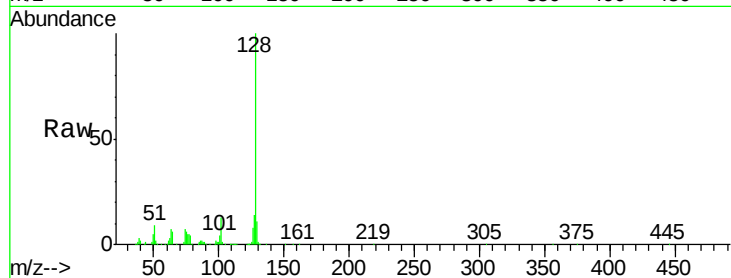




#31
Naphthalene
Concen: 39.28 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

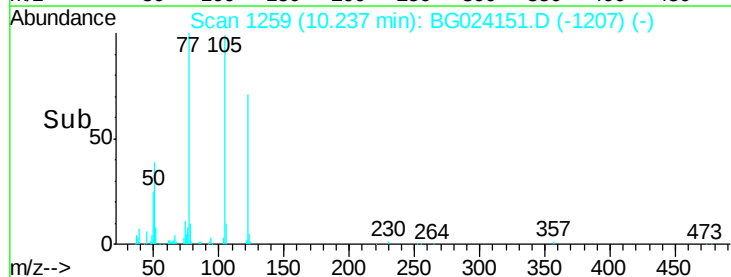
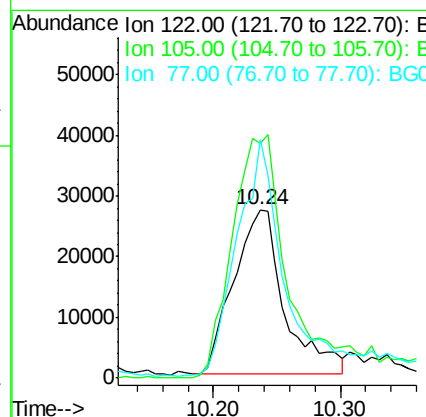
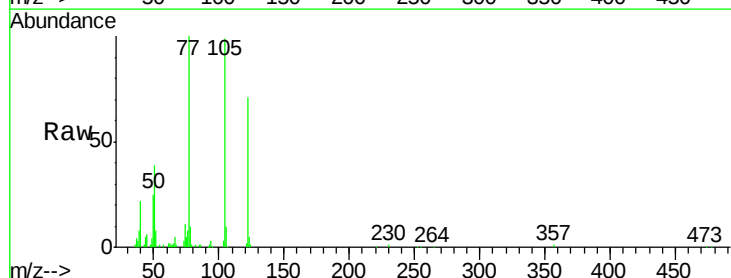
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

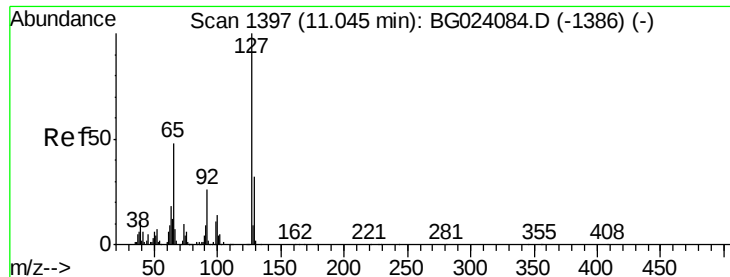
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 26.13 ng
RT: 10.24 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.6	117.2	157.2
77	141.4	109.2	149.2

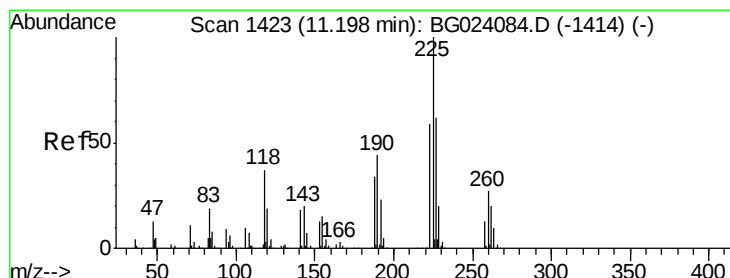
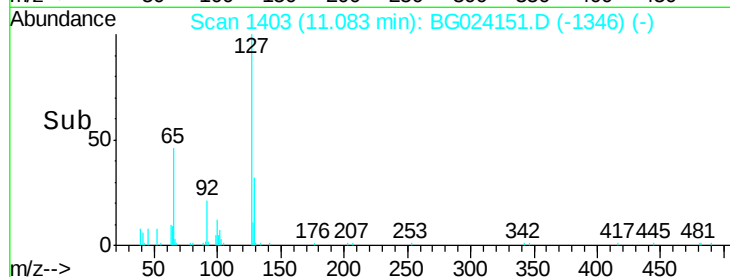
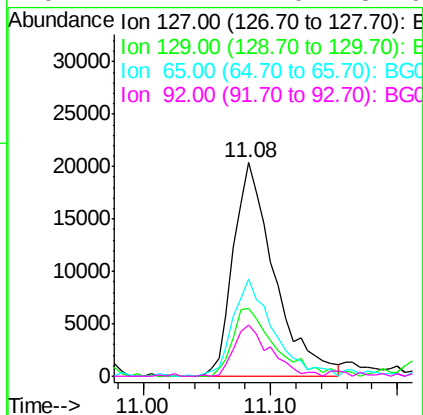
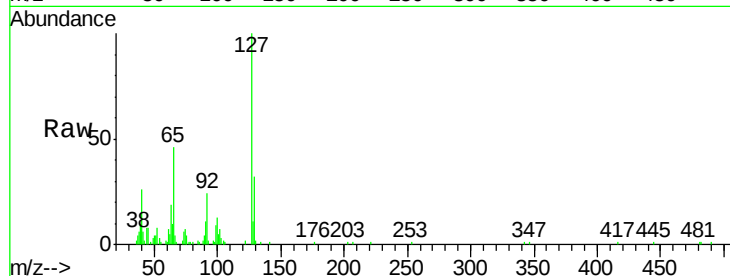




#33
4-Chloroaniline
Concen: 7.98 ng
RT: 11.08 min Scan# 1403
Delta R.T. 0.04 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

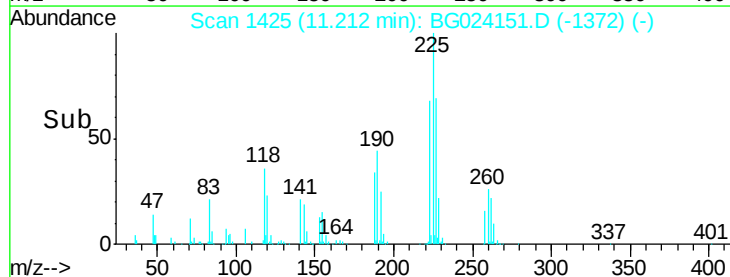
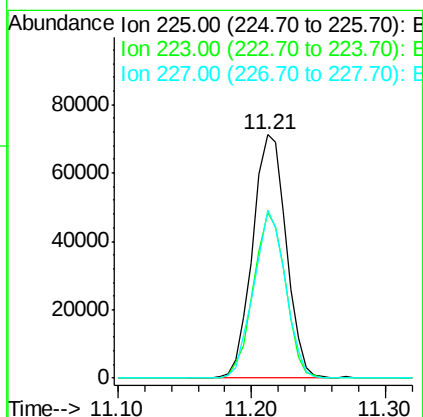
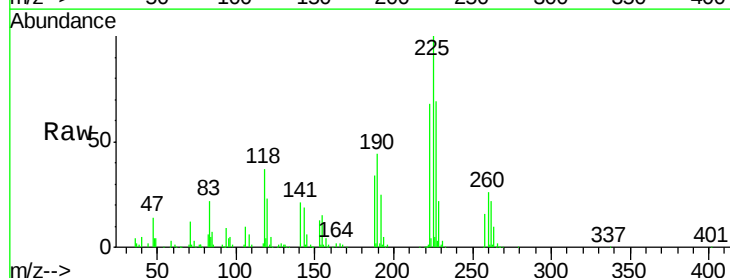
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

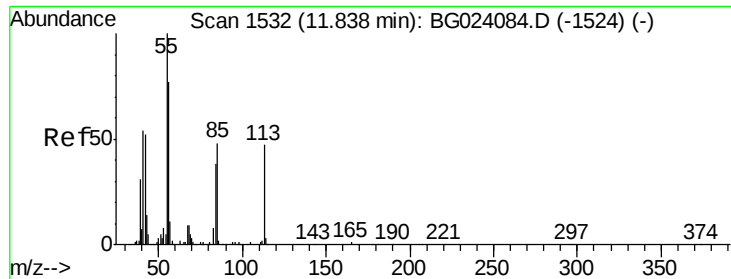
Tot Ion:127	Resp:	45836
Ion	Ratio	Lower Upper
127	100	
129	31.7	27.9 41.9
65	45.6	36.8 55.2
92	24.2	21.0 31.6



#34
Hexachlorobutadiene
Concen: 34.28 ng
RT: 11.21 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion:225	Resp:	123194
Ion	Ratio	Lower Upper
225	100	
223	67.9	49.6 74.4
227	68.9	54.5 81.7

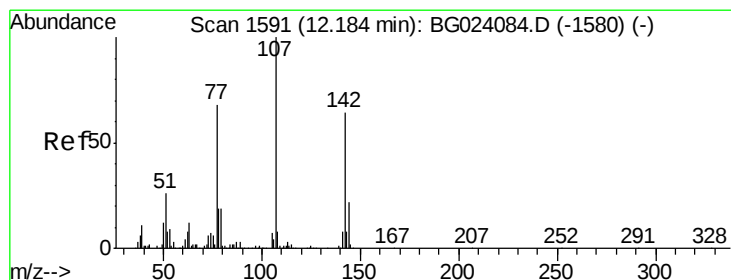
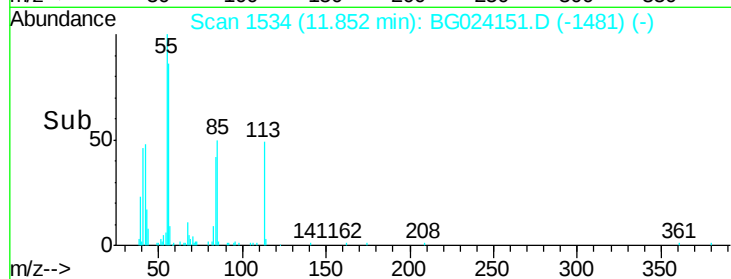
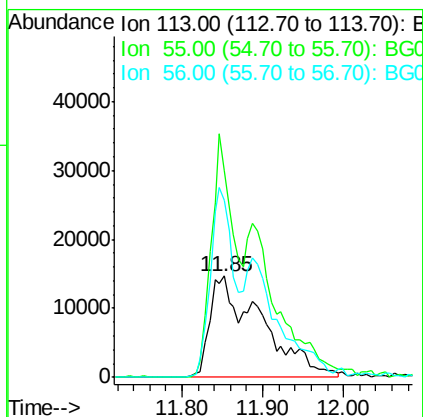
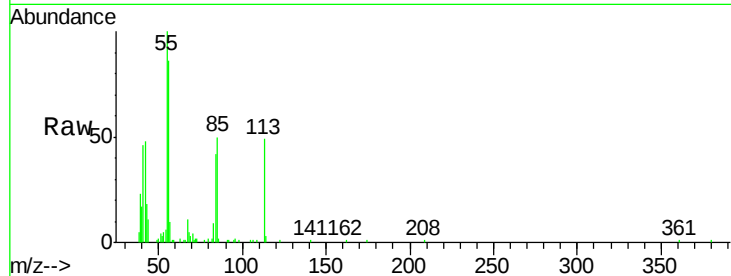




#35
 Caprolactam
 Concen: 37.43 ng/ml
 RT: 11.85 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

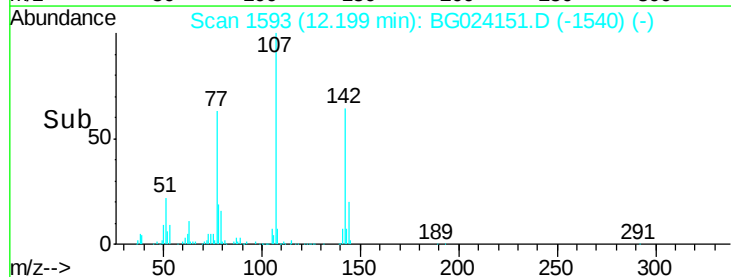
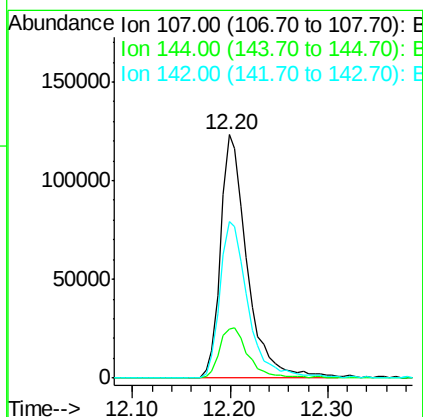
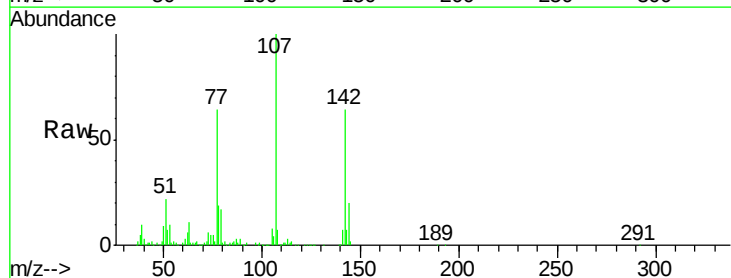
Instrument :
 BNA_G
 ClientSampleID :
 PB93653BSD

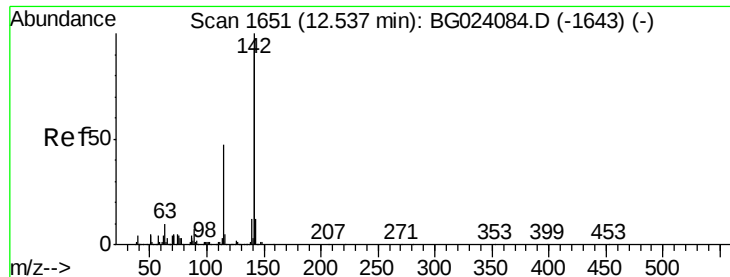
Tot Ion:113 Resp: 64937
 Ion Ratio Lower Upper
 113 100
 55 204.2 154.5 194.5#
 56 175.1 125.1 165.1#



#36
 4-Chloro-3-methylphenol
 Concen: 38.88 ng
 RT: 12.20 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion:107 Resp: 233356
 Ion Ratio Lower Upper
 107 100
 144 20.2 17.0 25.6
 142 64.0 53.0 79.6





#37

2-Methylnaphthalene

Concen: 39.89 ng

RT: 12.55 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

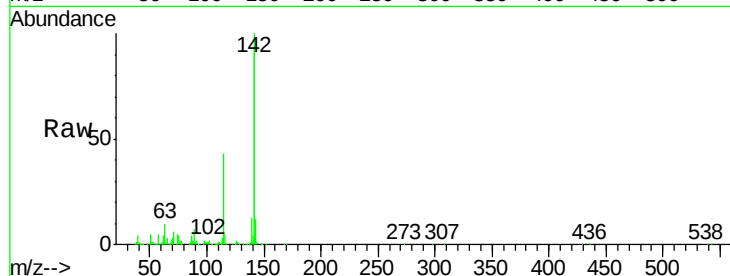
Tot Ion:142 Resp: 393155

Ion Ratio Lower Upper

142 100

141 92.1 70.2 105.2

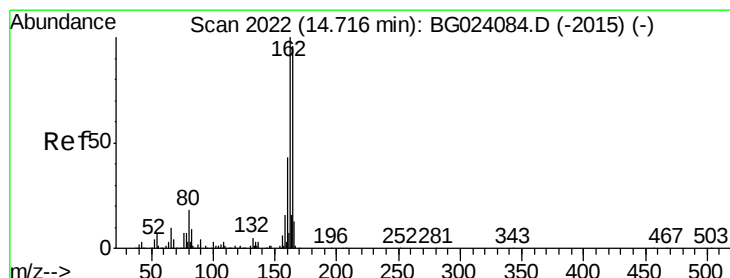
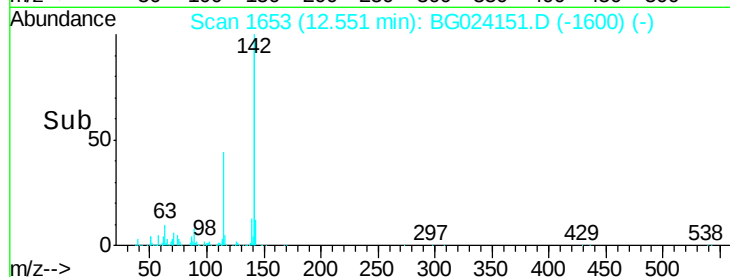
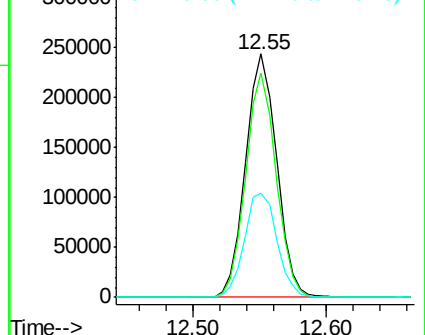
115 42.8 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

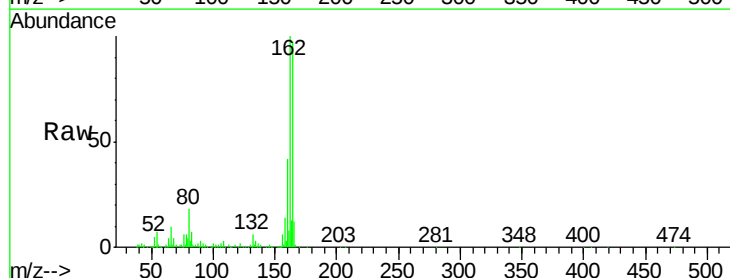
Tgt Ion:164 Resp: 208905

Ion Ratio Lower Upper

164 100

162 103.6 87.7 131.5

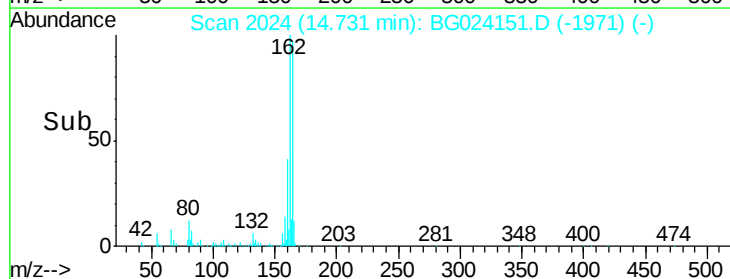
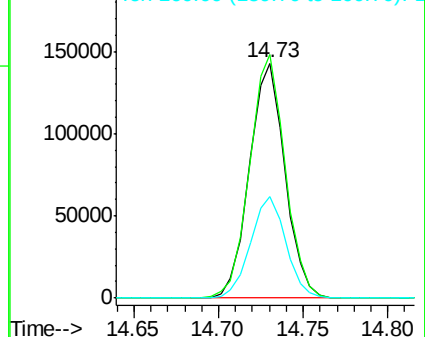
160 43.1 37.2 55.8

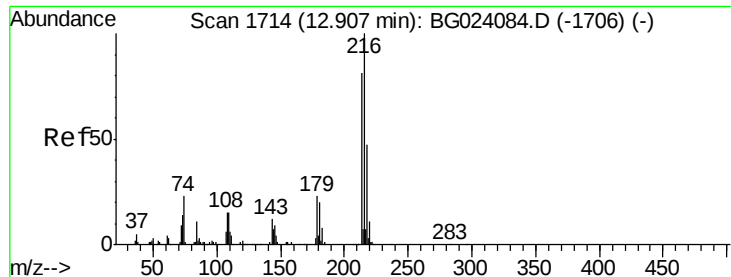


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.39 ng

RT: 12.92 min Scan# 1716

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

Tot Ion:216 Resp: 221960

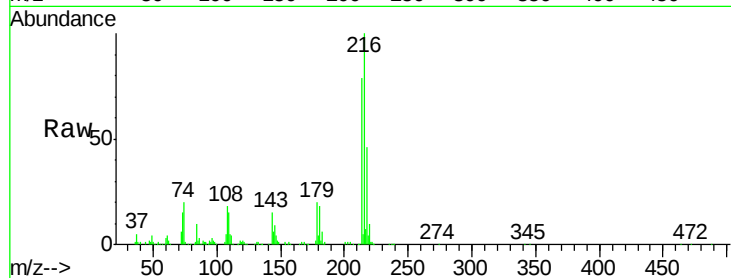
Ion Ratio Lower Upper

216 100

214 79.4 62.9 94.3

179 21.4 17.2 25.8

108 20.9 16.3 24.5

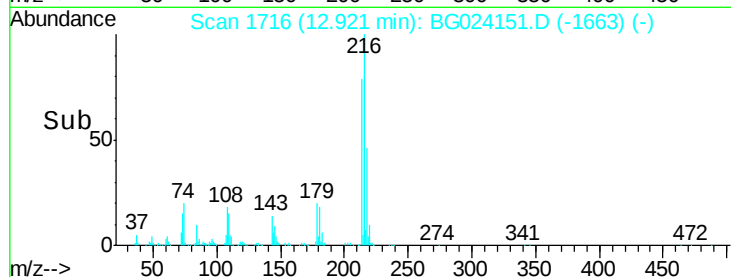


Abundance Ion 216.00 (215.70 to 216.70): E

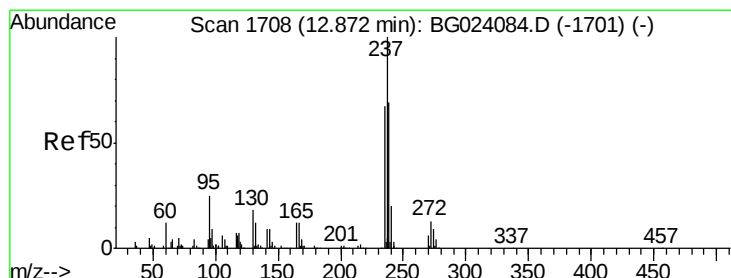
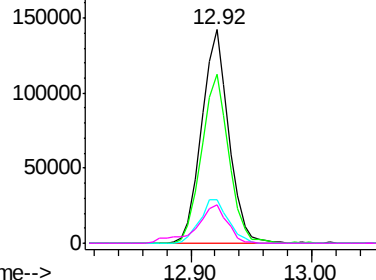
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 72.57 ng

RT: 12.89 min Scan# 1710

Delta R.T. 0.02 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

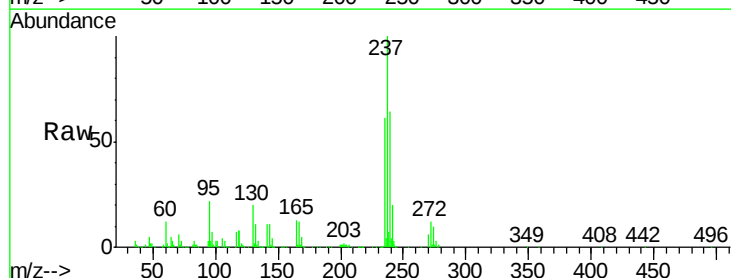
Tgt Ion:237 Resp: 204834

Ion Ratio Lower Upper

237 100

235 61.0 43.1 83.1

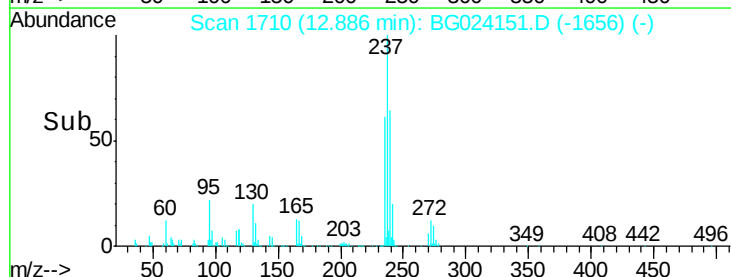
272 11.6 0.0 30.9



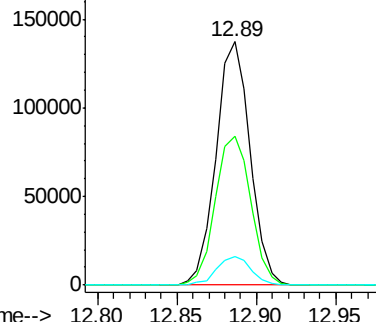
Abundance Ion 236.80 (236.50 to 237.50): E

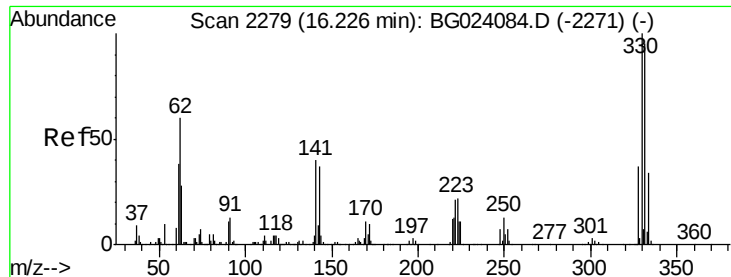
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

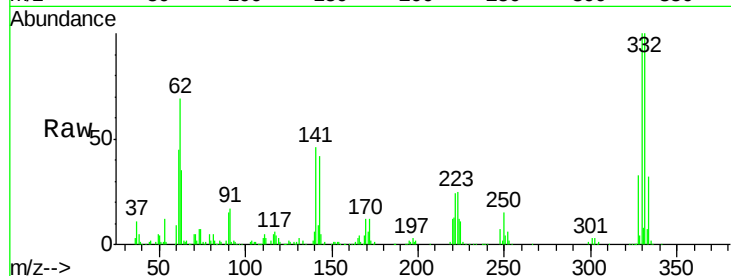




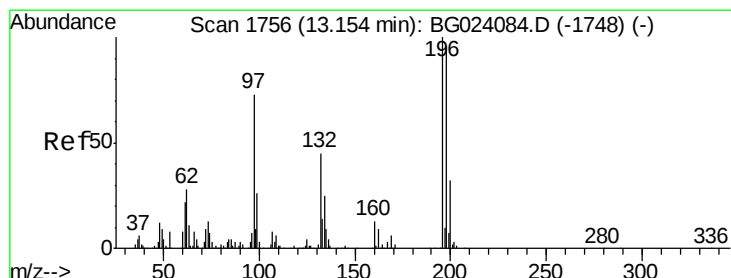
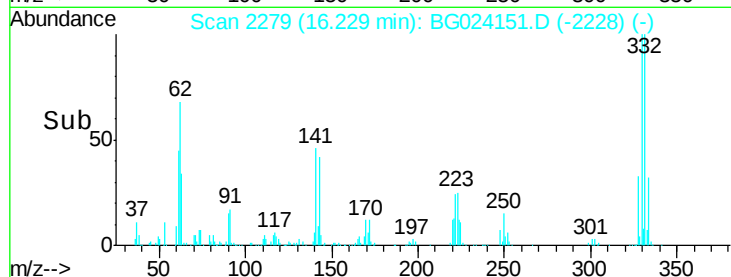
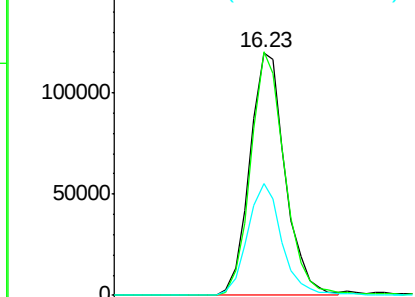
#41
 2,4,6-Tribromophenol
 Concen: 61.75 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	44.9	31.7	47.5

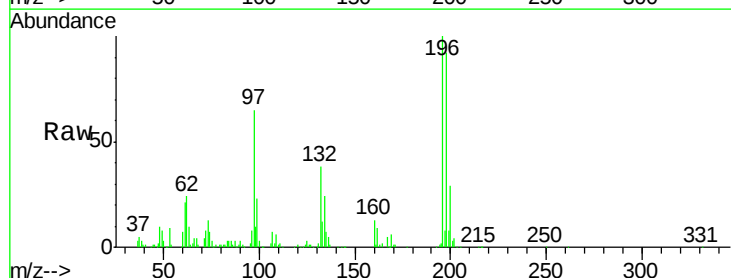


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

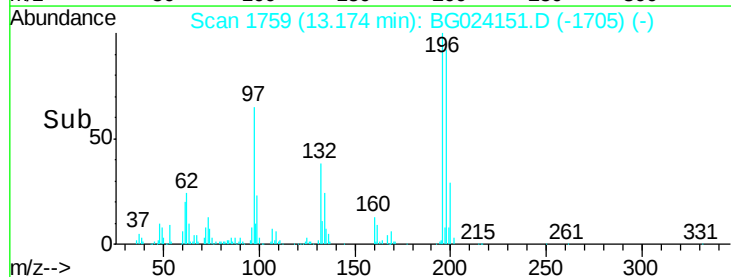
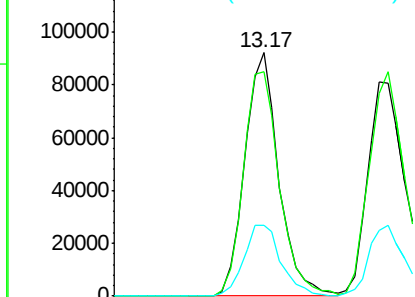


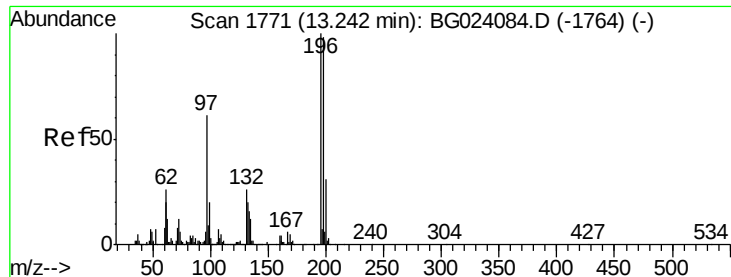
#42
 2,4,6-Trichlorophenol
 Concen: 39.42 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. 0.02 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	78.2	117.2
200	29.2	27.0	40.4



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





#43

2,4,5-Trichlorophenol

Concen: 39.91 ng

RT: 13.26 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

Tot Ion:196 Resp: 161962

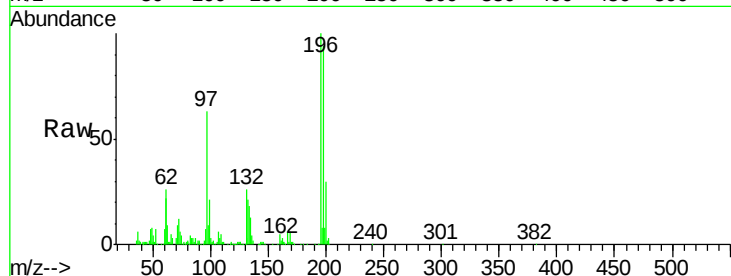
Ion Ratio Lower Upper

196 100

198 94.5 85.7 128.5

97 62.8 45.5 68.3

132 26.5 18.9 28.3

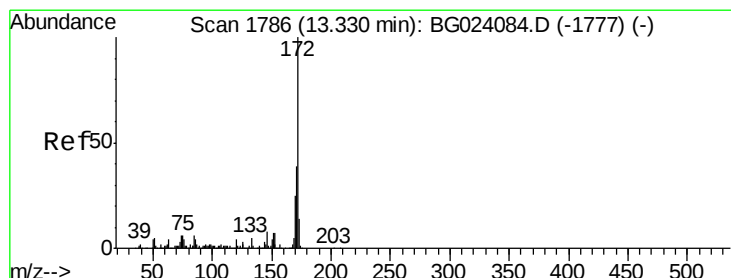
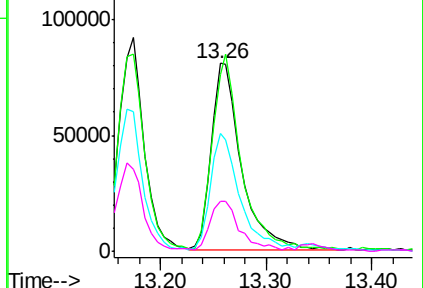
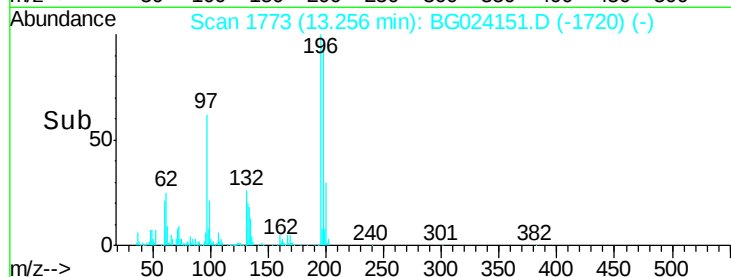


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 74.67 ng

RT: 13.34 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

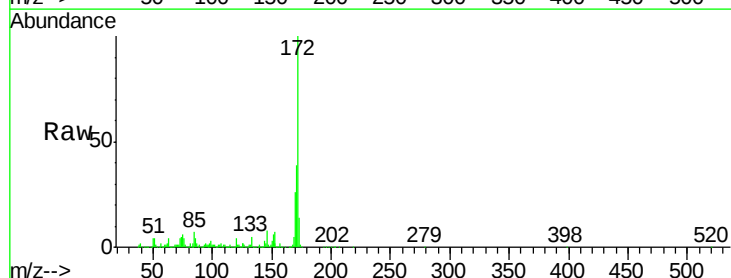
Tgt Ion:172 Resp: 928011

Ion Ratio Lower Upper

172 100

171 38.9 31.6 47.4

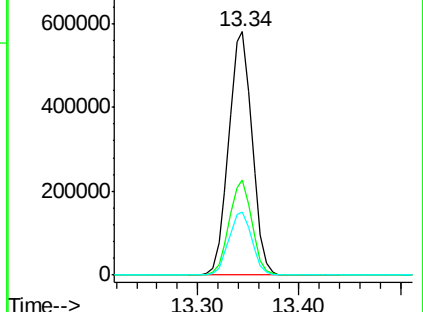
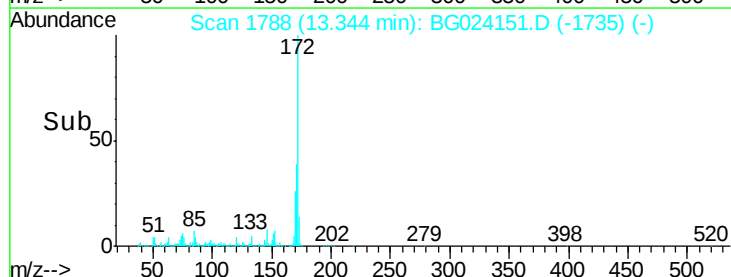
170 25.7 21.3 31.9

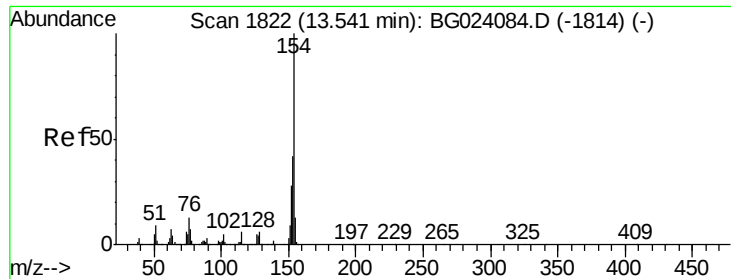


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

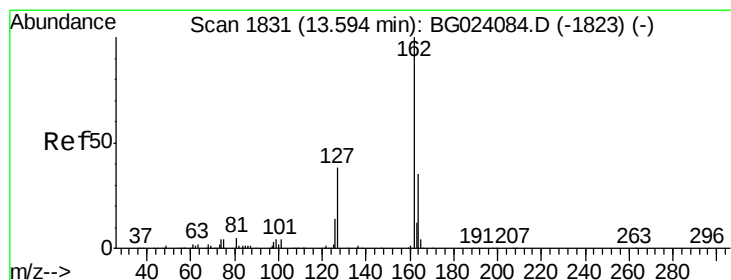
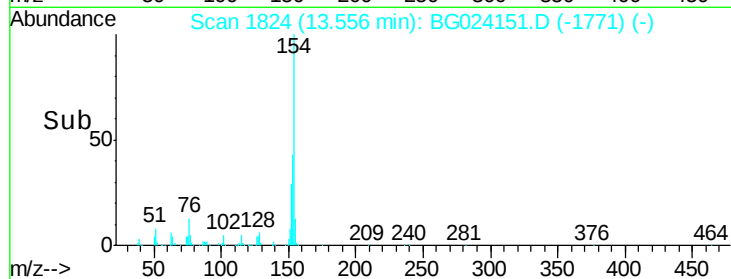
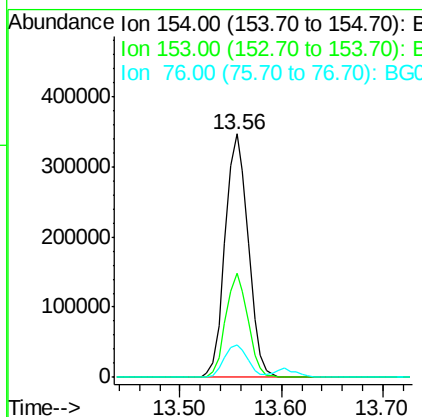
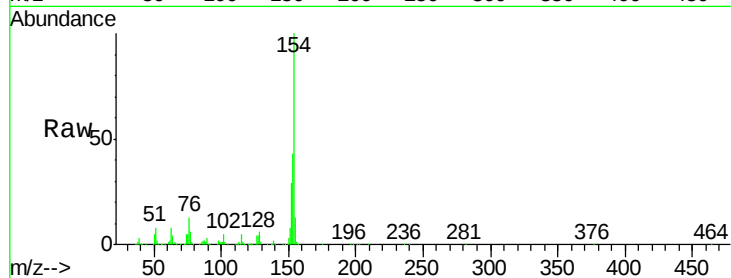




#45
 1,1'-Biphenyl
 Concen: 38.36 ng
 RT: 13.56 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

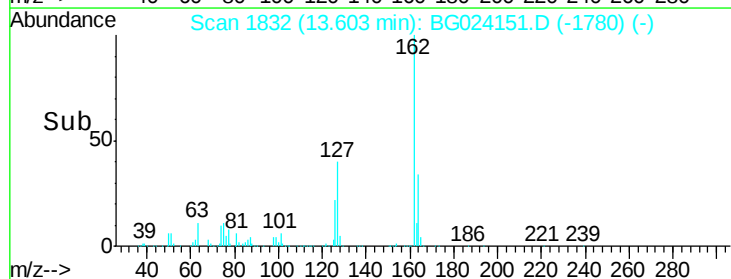
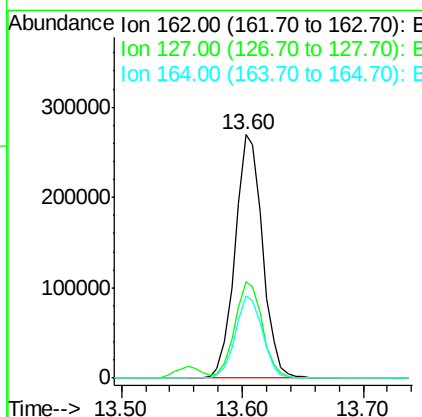
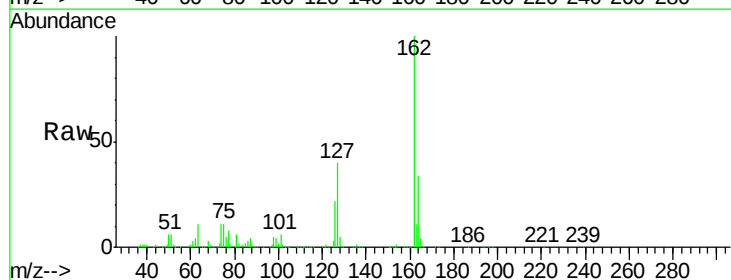
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

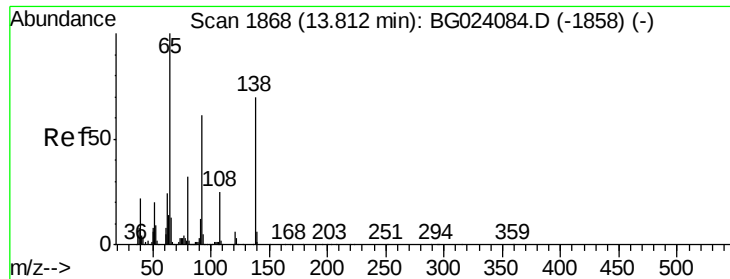
Tot Ion:	154	Resp:	548035
Ion	Ratio	Lower	Upper
154	100		
153	42.9	20.2	60.2
76	13.4	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 39.92 ng
 RT: 13.60 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion:	162	Resp:	425795
Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.4	48.6
164	33.6	25.2	37.8

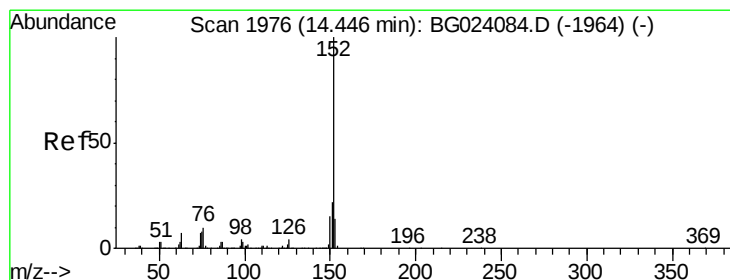
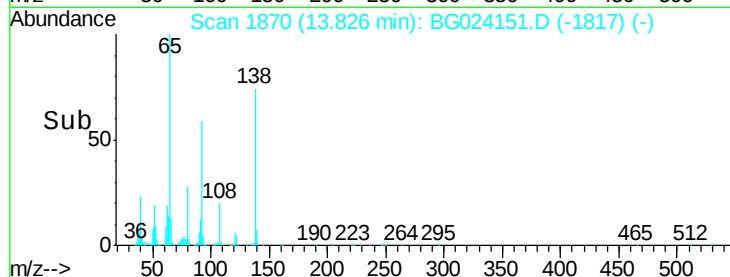
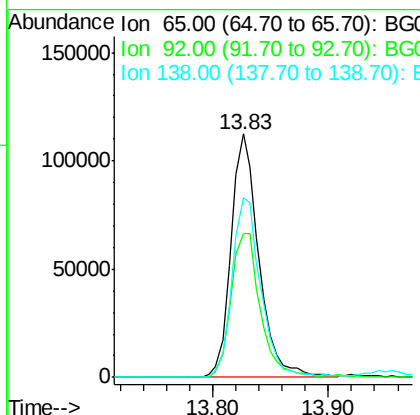
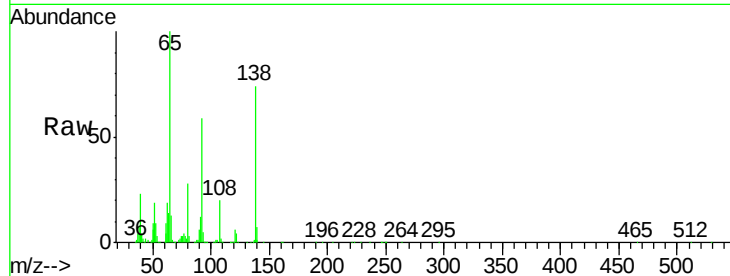




#47
2-Nitroaniline
Concen: 37.79 ng
RT: 13.83 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

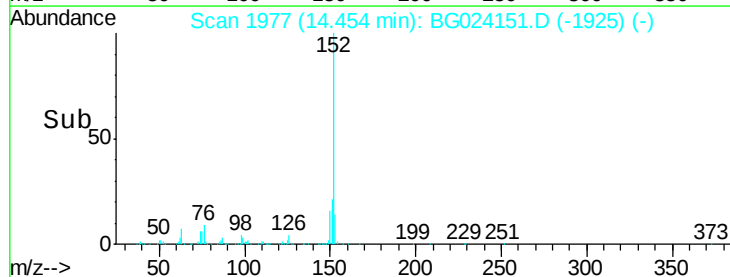
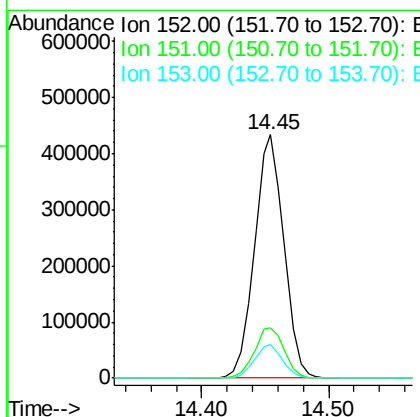
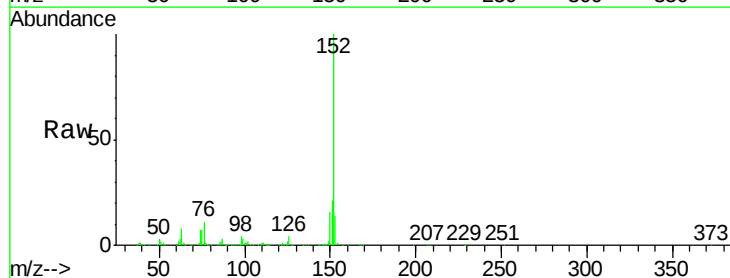
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

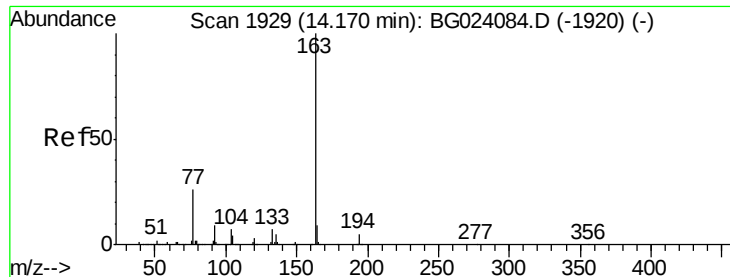
Tot Ion	Ratio	Lower	Upper
65	100		
92	58.9	49.4	74.0
138	73.6	58.0	87.0



#48
Acenaphthylene
Concen: 38.46 ng
RT: 14.45 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.6	26.4
153	13.7	11.4	17.2





#49

Dimethylphthalate

Concen: 38.62 ng

RT: 14.18 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

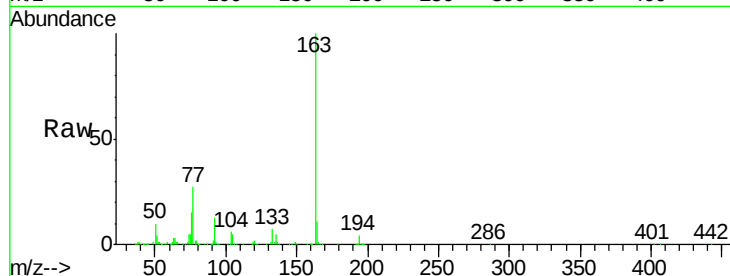
Tot Ion:163 Resp: 618865

Ion Ratio Lower Upper

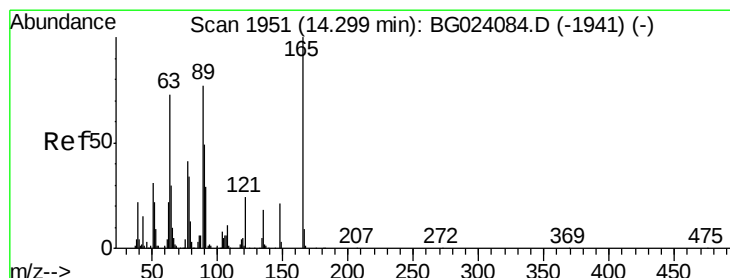
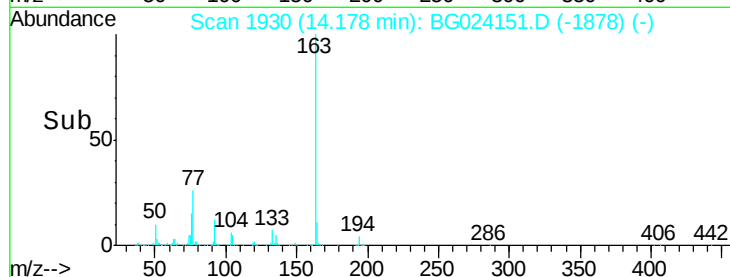
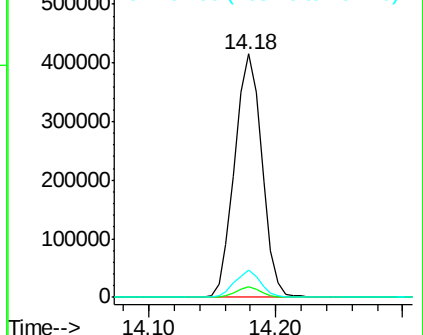
163 100

194 4.2 3.6 5.4

164 11.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.08 ng

RT: 14.31 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

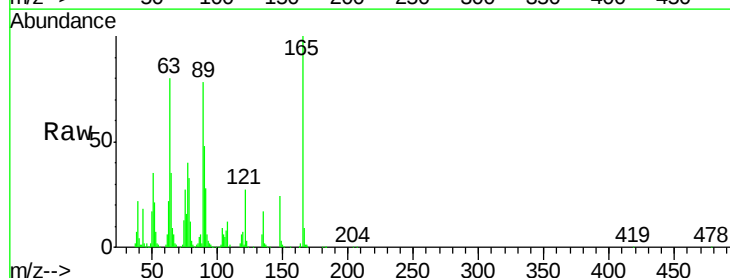
Tgt Ion:165 Resp: 134930

Ion Ratio Lower Upper

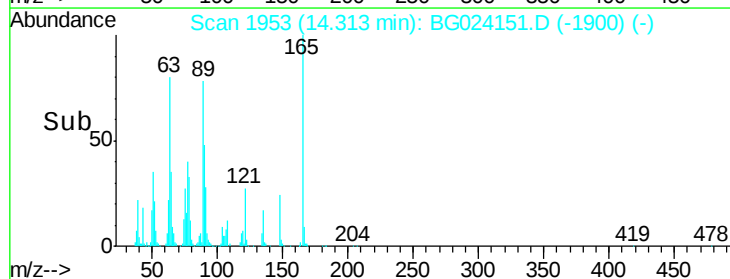
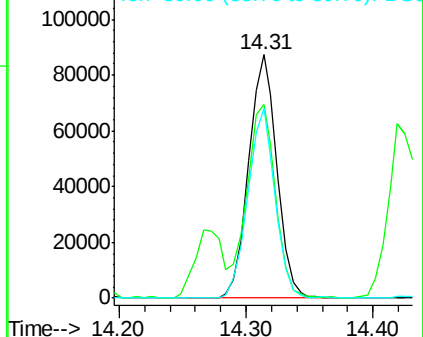
165 100

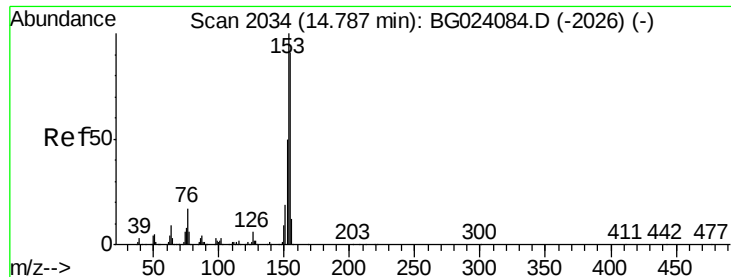
63 79.7 64.3 96.5

89 78.1 64.3 96.5



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





#51

Acenaphthene

Concen: 39.51 ng

RT: 14.80 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

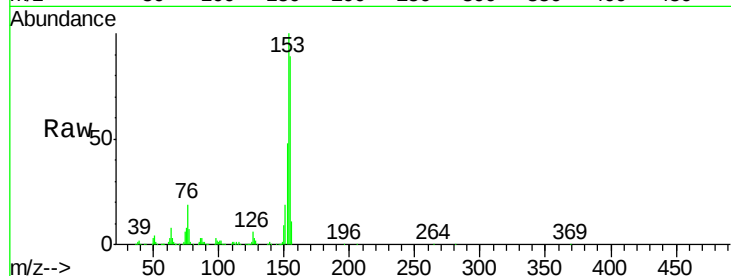
Tot Ion:154 Resp: 433950

Ion Ratio Lower Upper

154 100

153 112.1 87.5 131.3

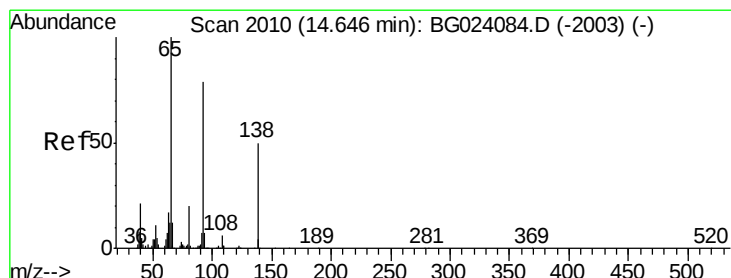
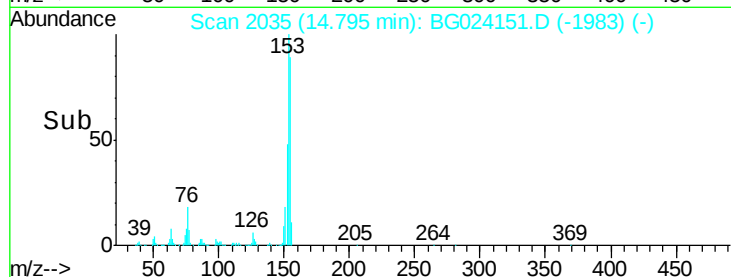
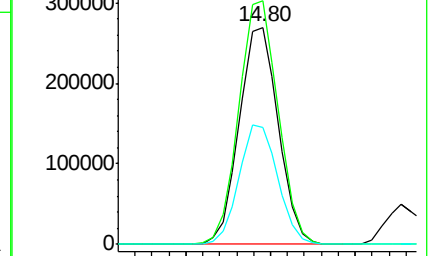
152 54.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.97 ng

RT: 14.66 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

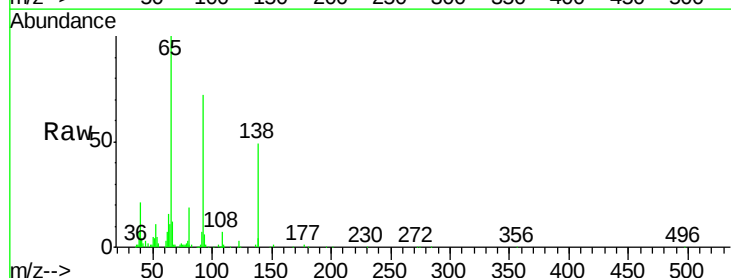
Tgt Ion:138 Resp: 50345

Ion Ratio Lower Upper

138 100

108 14.8 11.7 17.5

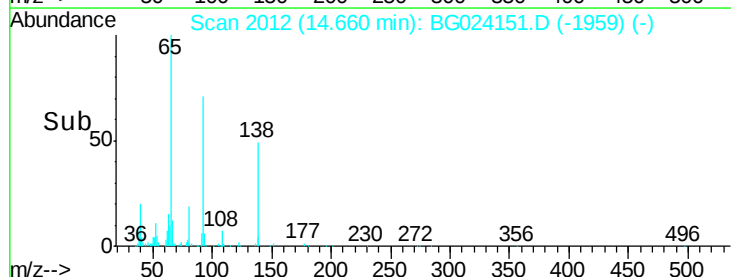
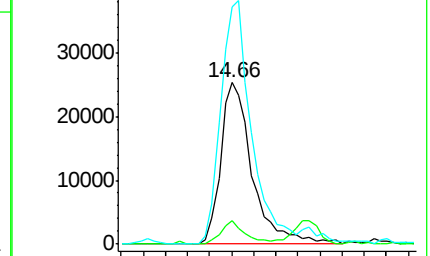
92 147.2 129.7 194.5

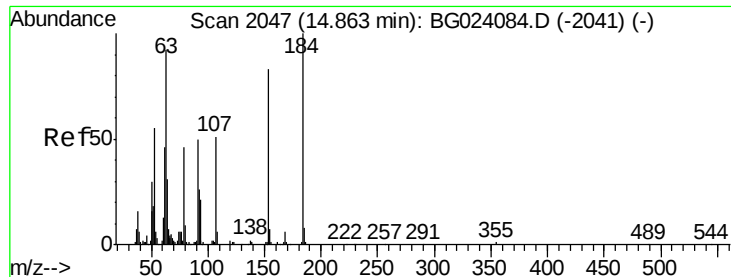


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

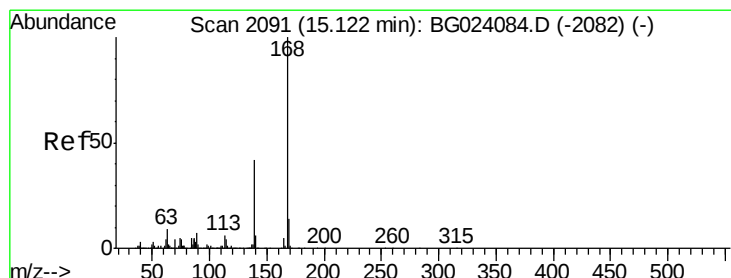
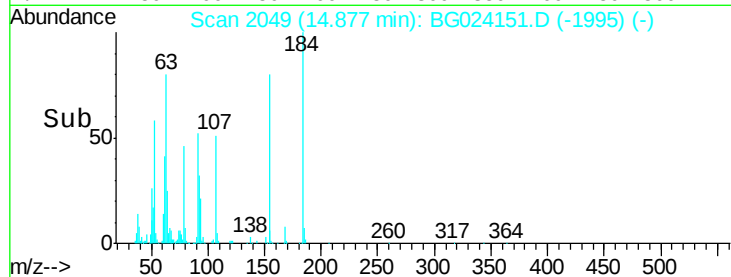
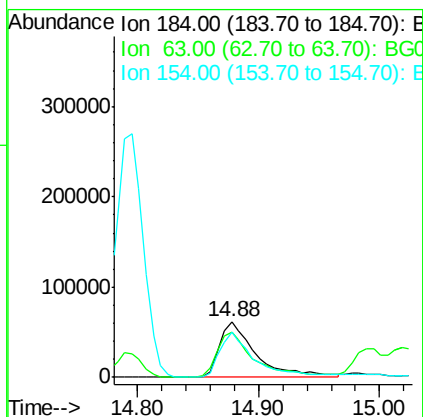
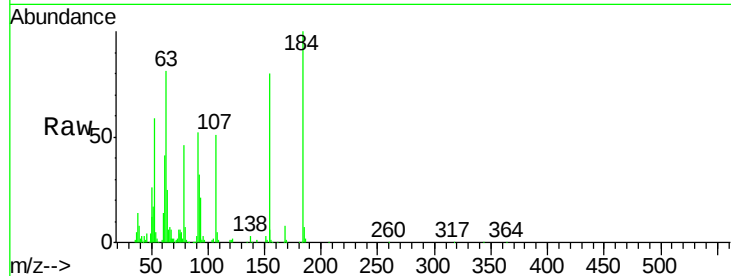




#53
2,4-Dinitrophenol
Concen: 57.50 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

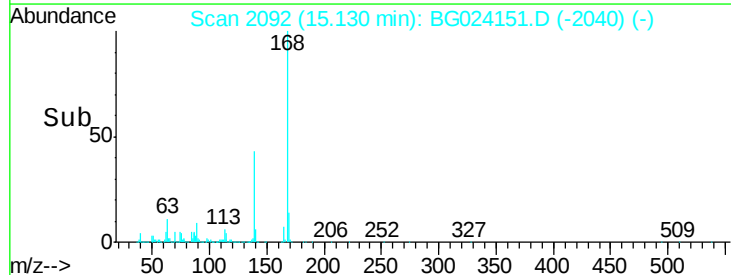
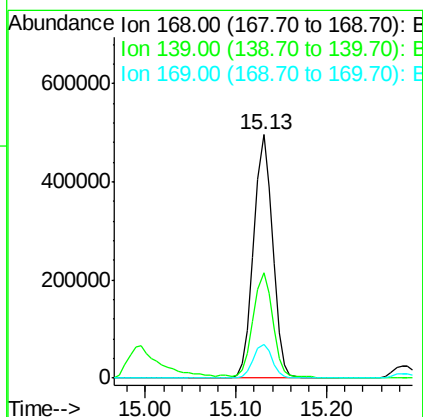
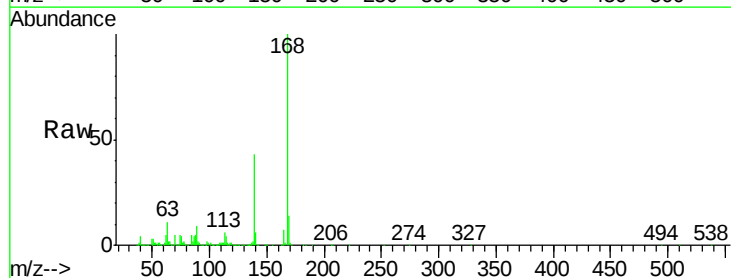
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

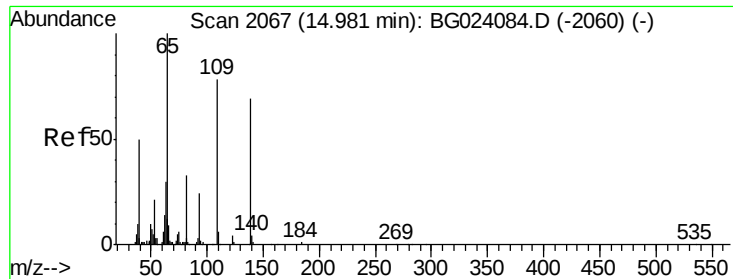
Tot Ion:184 Resp: 128321
Ion Ratio Lower Upper
184 100
63 80.8 59.6 89.4
154 80.5 67.4 101.0



#54
Dibenzofuran
Concen: 42.12 ng
RT: 15.13 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion:168 Resp: 720235
Ion Ratio Lower Upper
168 100
139 43.2 36.4 54.6
169 13.6 11.9 17.9

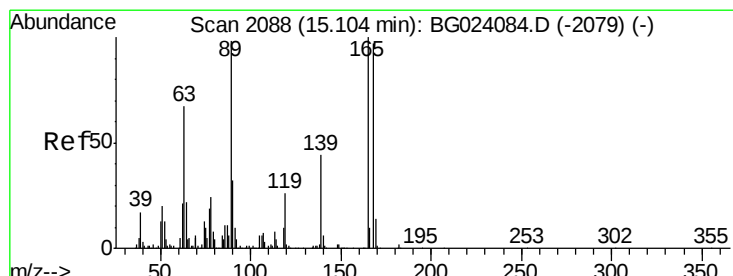
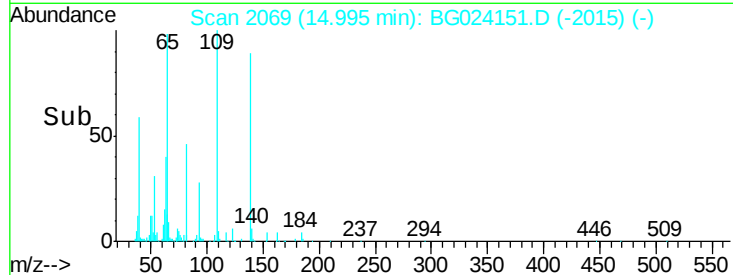
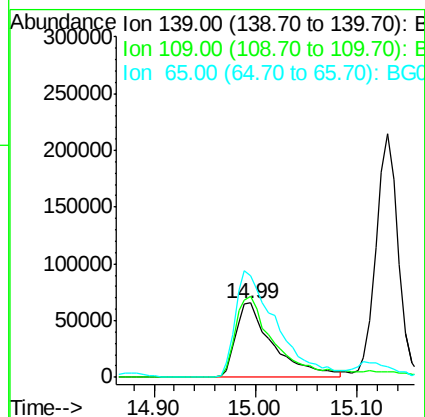
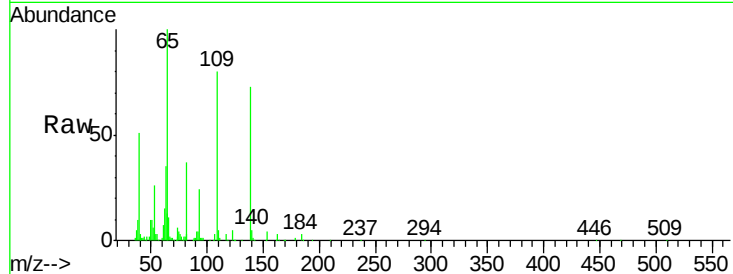




#55
4-Nitrophenol
Concen: 64.52 ng
RT: 14.99 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

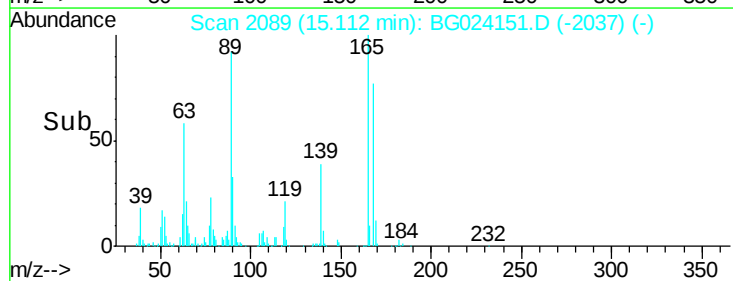
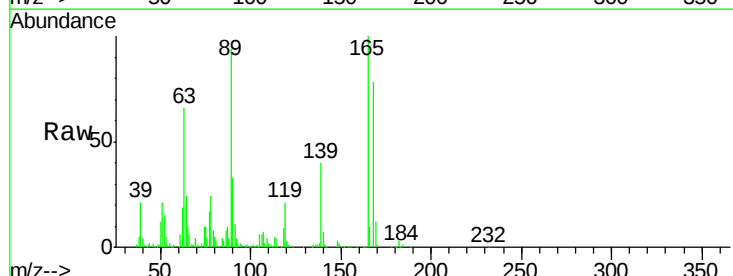
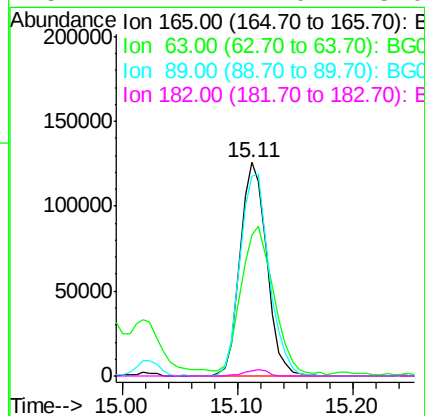
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

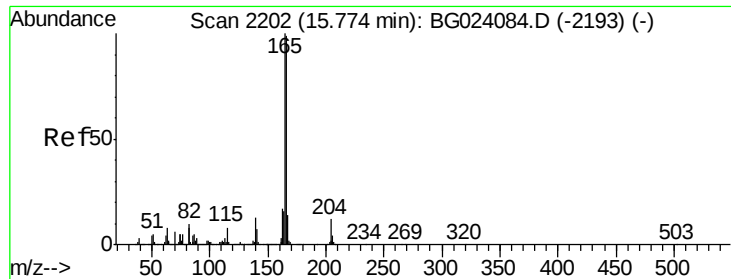
Tot Ion	Ratio	Lower	Upper
139	100		
109	109.9	103.0	143.0
65	137.1	112.7	152.7



#56
2,4-Dinitrotoluene
Concen: 39.08 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	45.8	68.6
89	93.5	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 39.69 ng

RT: 15.78 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

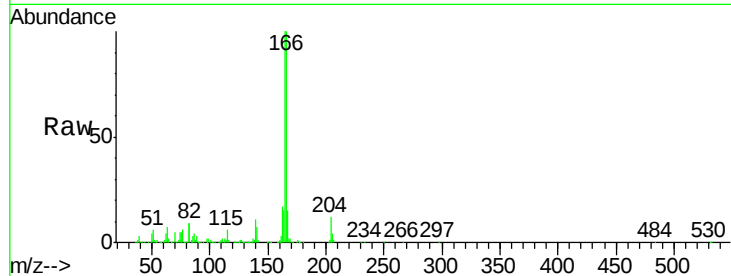
Tot Ion:166 Resp: 590710

Ion Ratio Lower Upper

166 100

165 100.0 81.0 121.6

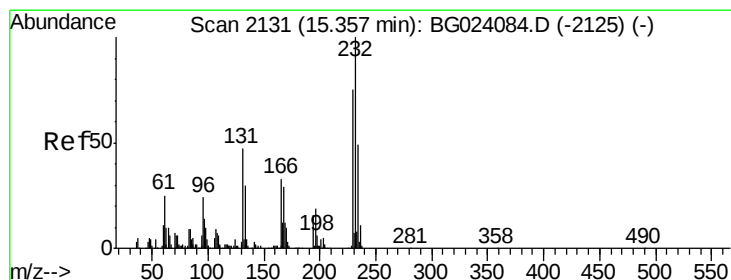
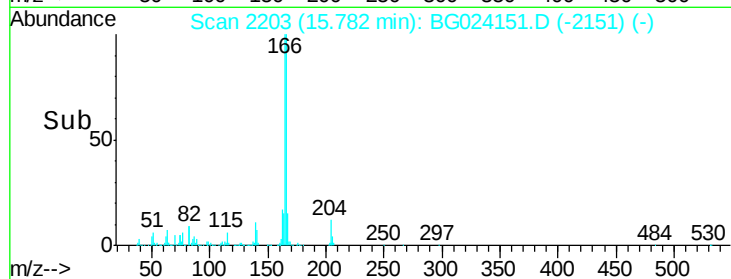
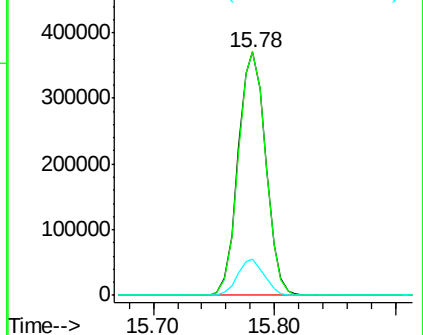
167 14.8 12.0 18.0



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: 42.12 ng

RT: 15.37 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Tgt Ion:232 Resp: 165072

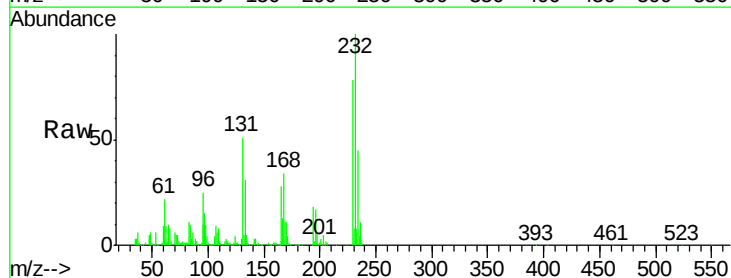
Ion Ratio Lower Upper

232 100

131 47.9 32.7 49.1

130 2.7 2.6 3.8

166 30.0 23.0 34.6

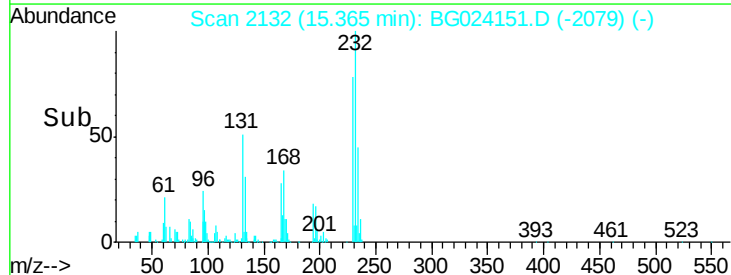
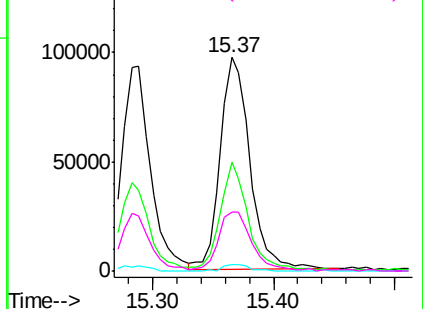


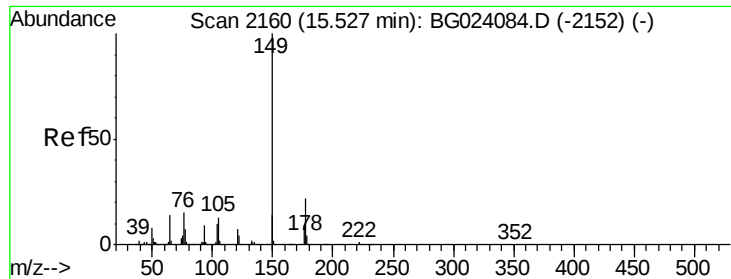
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

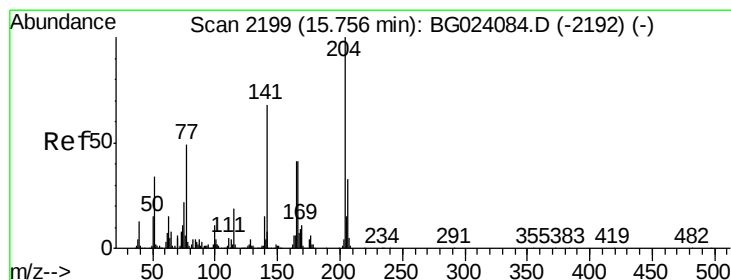
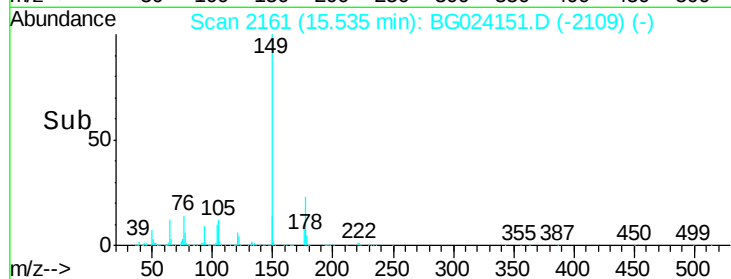
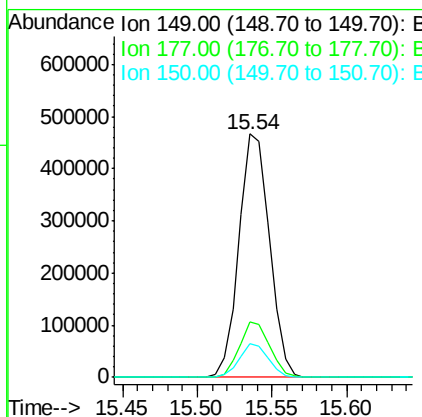
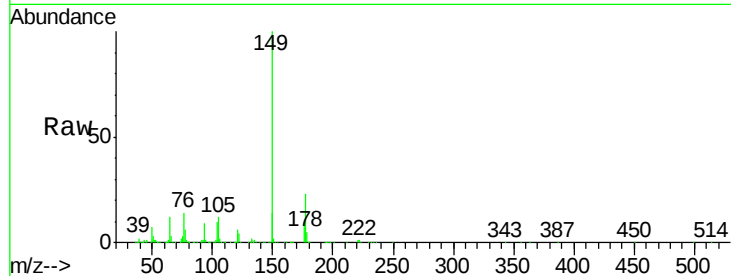




#59
Diethylphthalate
Concen: 38.41 ng
RT: 15.54 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

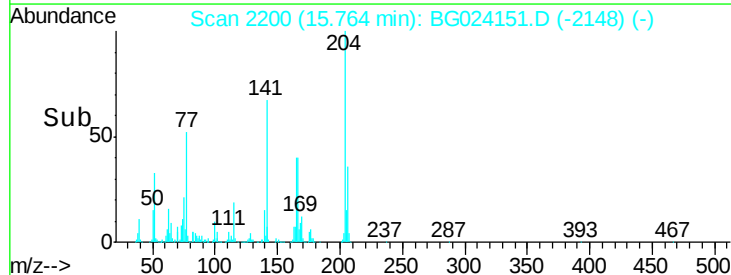
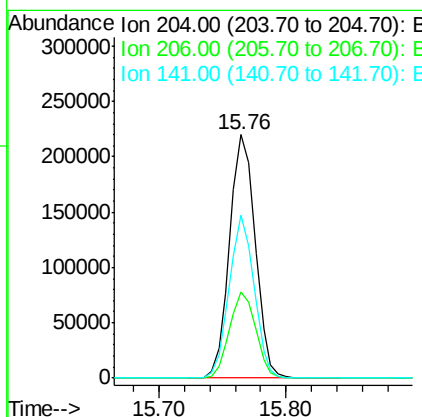
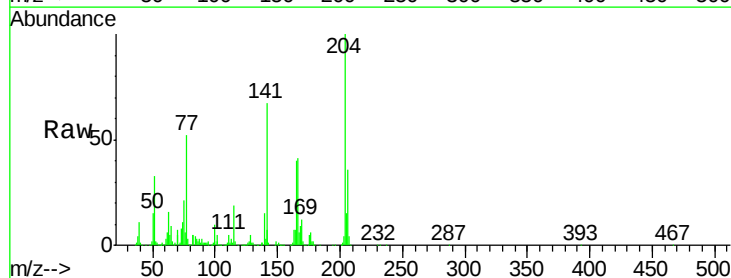
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

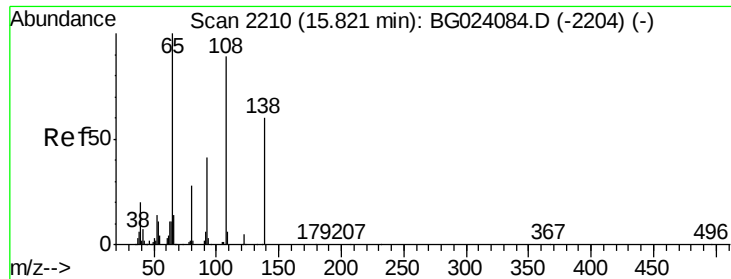
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.2	28.8
150	14.0	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 38.45 ng
RT: 15.76 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.6	28.5	42.7
141	67.1	51.4	77.0

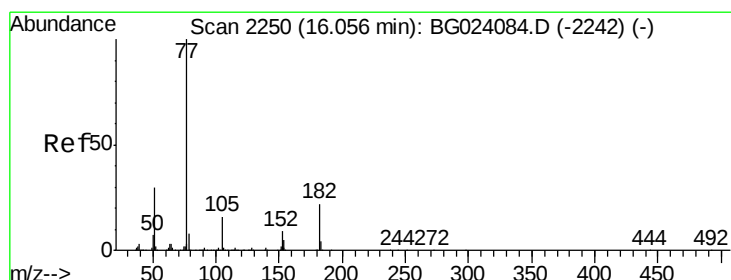
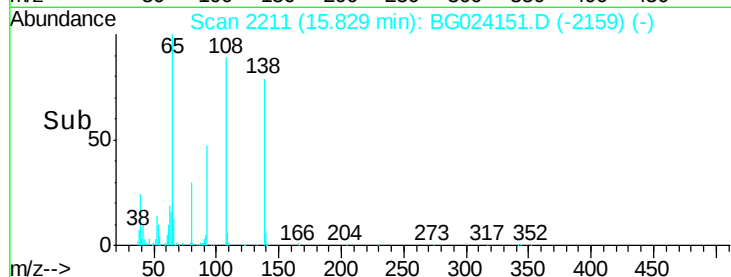
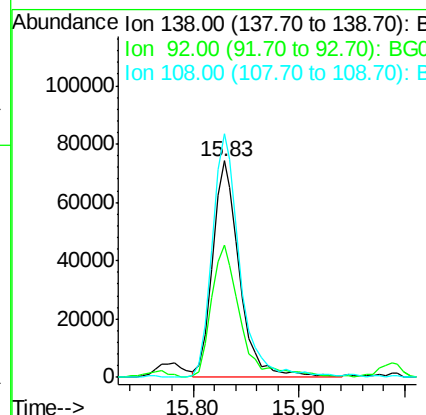
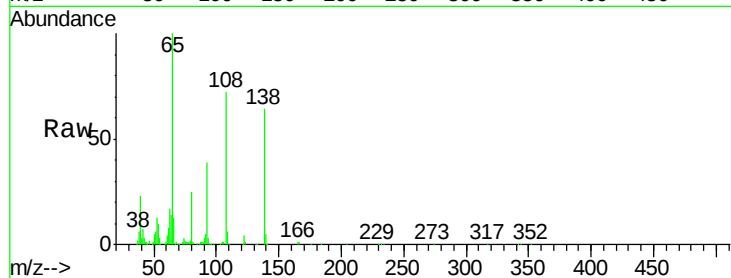




#61
4-Nitroaniline
Concen: 38.02 ng
RT: 15.83 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

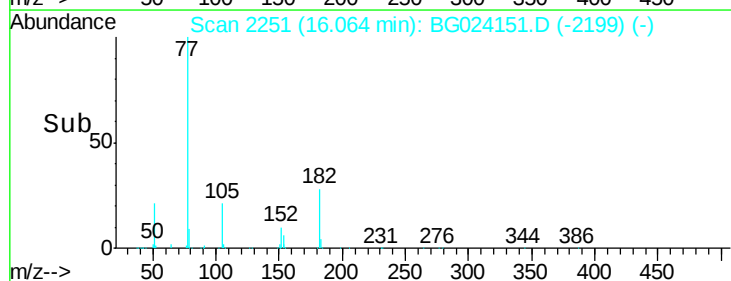
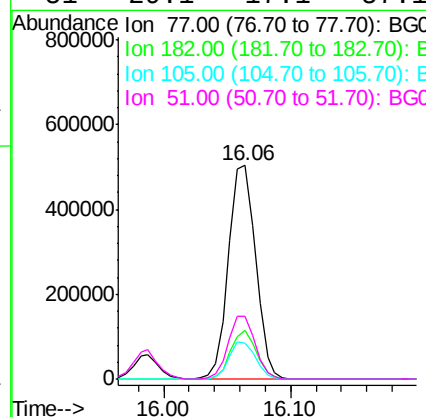
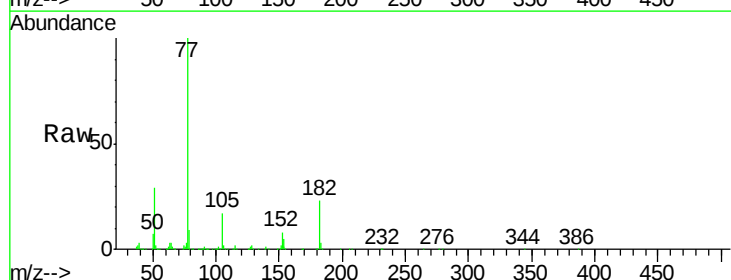
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

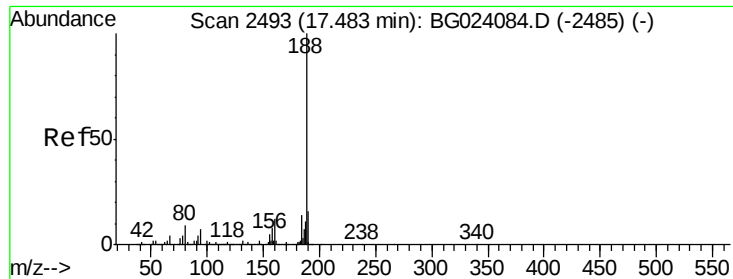
Tot Ion:138 Resp: 132419
Ion Ratio Lower Upper
138 100
92 60.9 54.1 94.1
108 112.5 133.9 173.9#



#62
Azobenzene
Concen: 42.63 ng
RT: 16.06 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion: 77 Resp: 747548
Ion Ratio Lower Upper
77 100
182 22.6 3.5 43.5
105 17.0 0.0 38.5
51 29.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

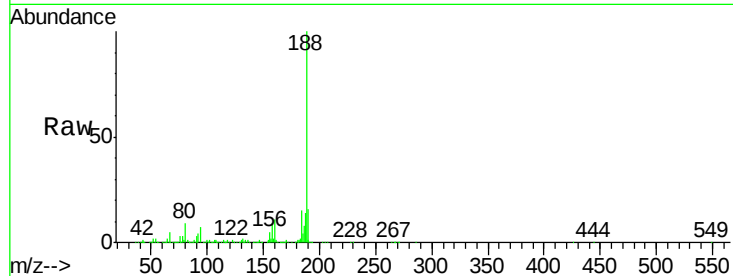
Tot Ion:188 Resp: 462321

Ion Ratio Lower Upper

188 100

94 6.8 5.2 7.8

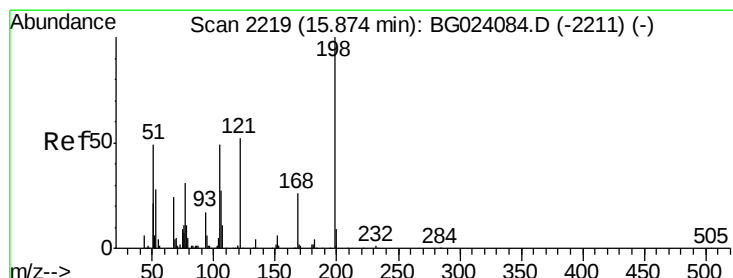
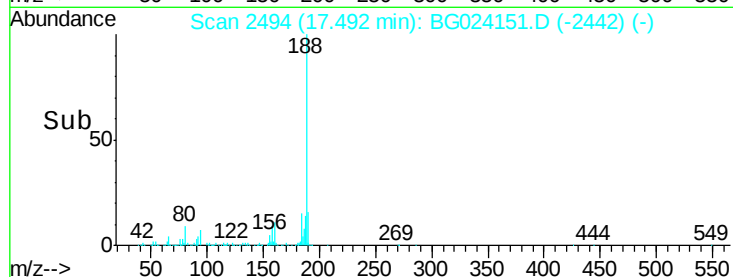
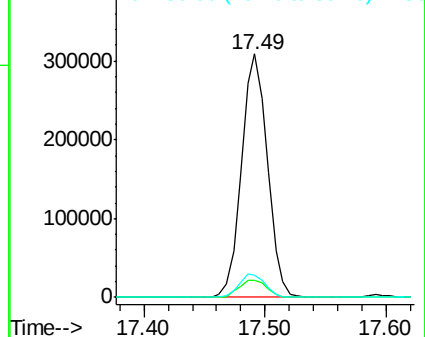
80 9.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 35.13 ng

RT: 15.89 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

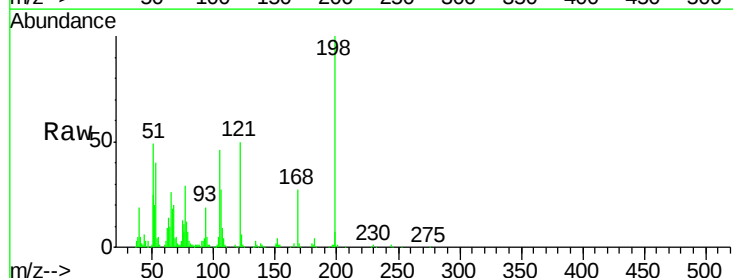
Tgt Ion:198 Resp: 112798

Ion Ratio Lower Upper

198 100

51 49.2 26.0 66.0

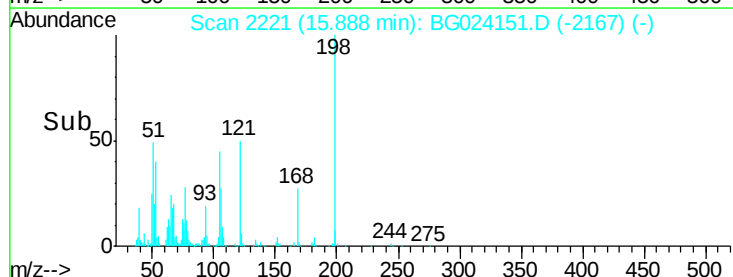
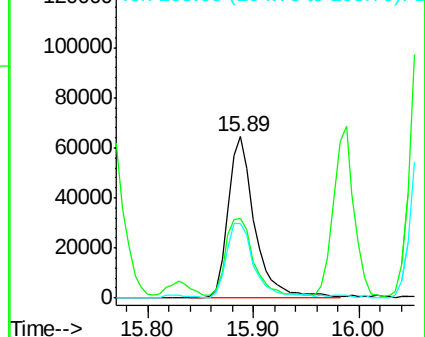
105 46.3 20.1 60.1

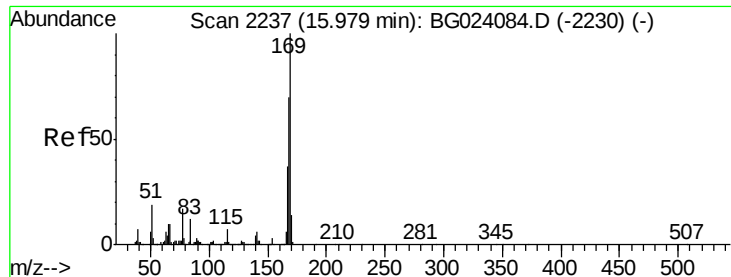


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.14 ng

RT: 15.99 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

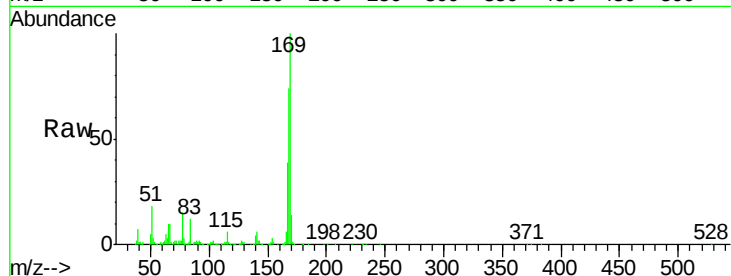
Tot Ion:169 Resp: 532975

Ion Ratio Lower Upper

169 100

168 74.4 55.0 82.4

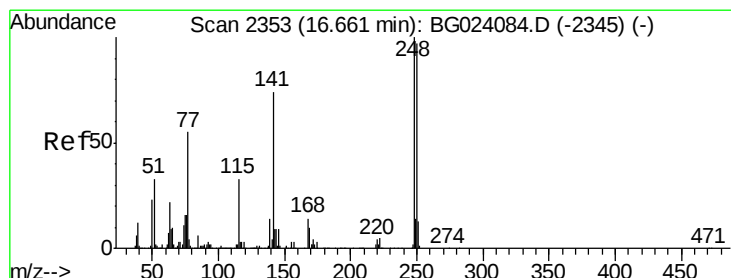
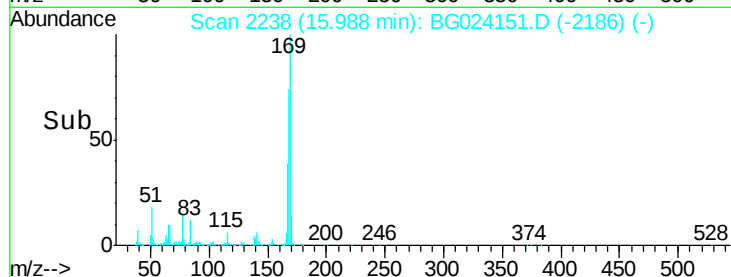
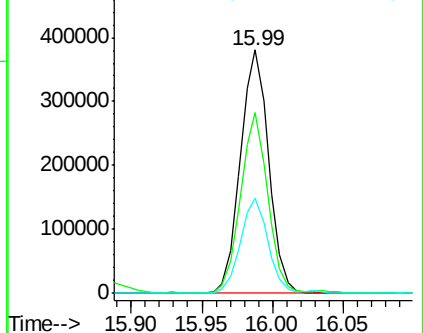
167 39.3 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.89 ng

RT: 16.66 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

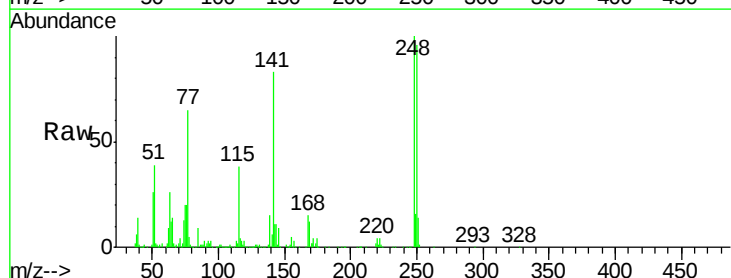
Tgt Ion:248 Resp: 213931

Ion Ratio Lower Upper

248 100

250 96.0 77.8 116.8

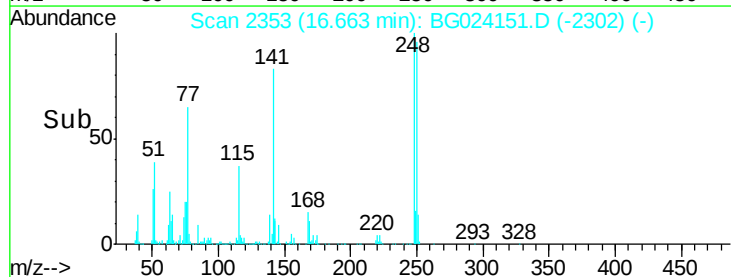
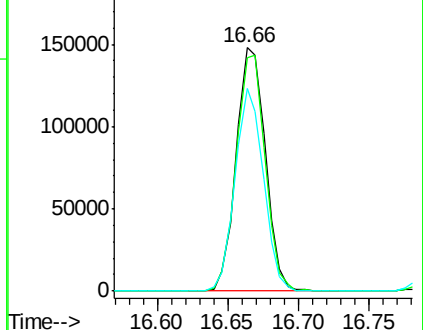
141 83.5 65.7 98.5

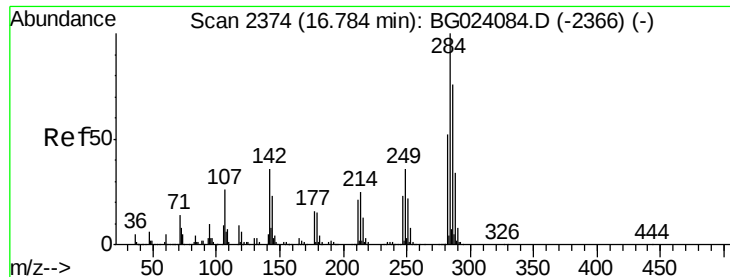


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

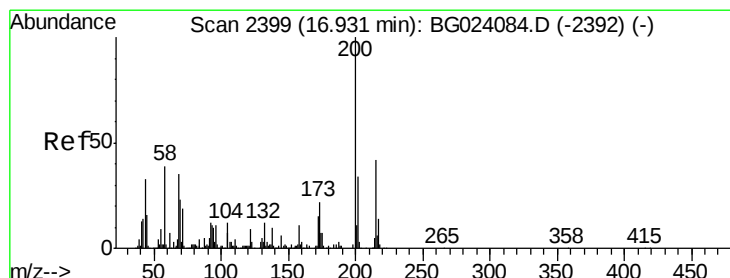
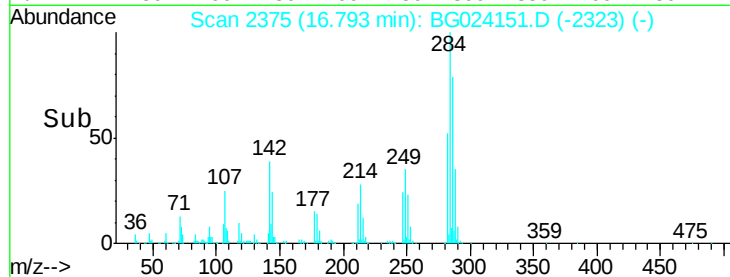
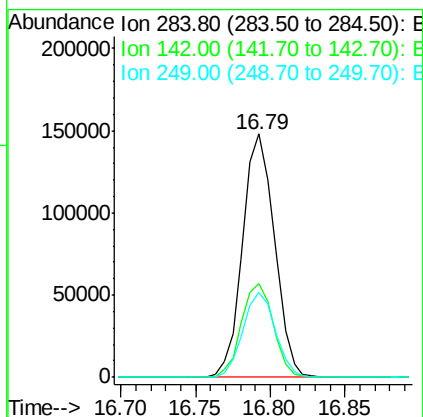
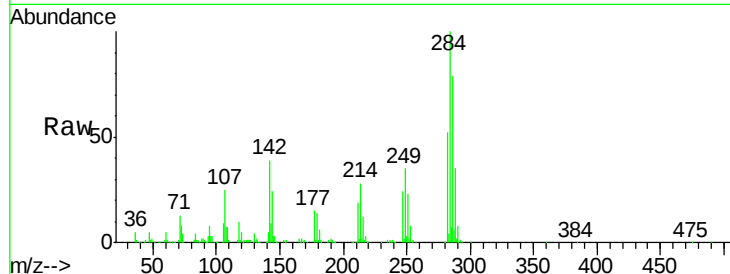




#67
Hexachlorobenzene
Concen: 36.24 ng
RT: 16.79 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

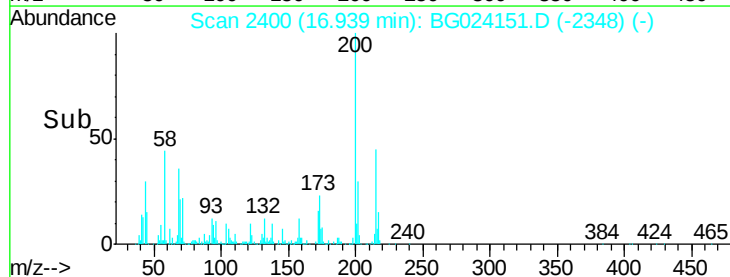
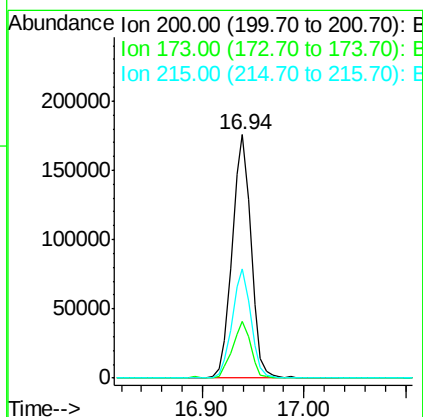
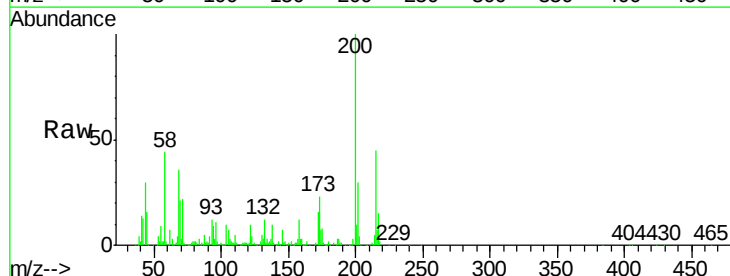
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

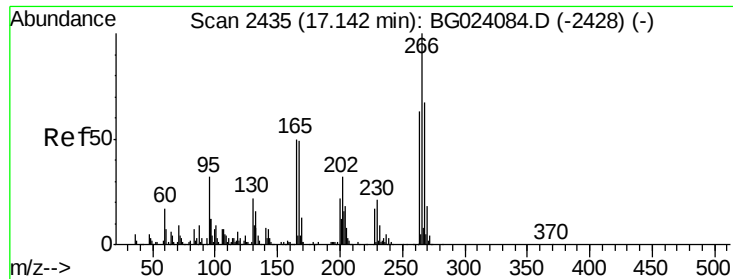
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.7	26.8	40.2
249	35.1	28.9	43.3



#68
Atrazine
Concen: 40.77 ng
RT: 16.94 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	1.6	41.6
215	45.0	28.7	68.7

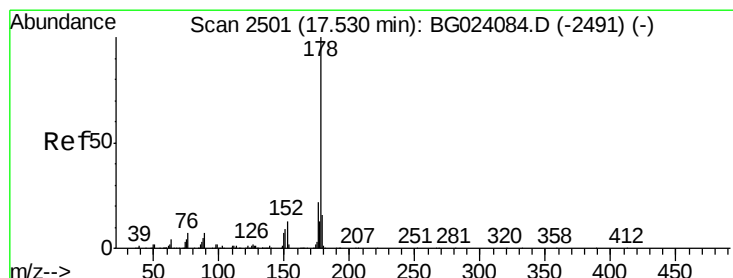
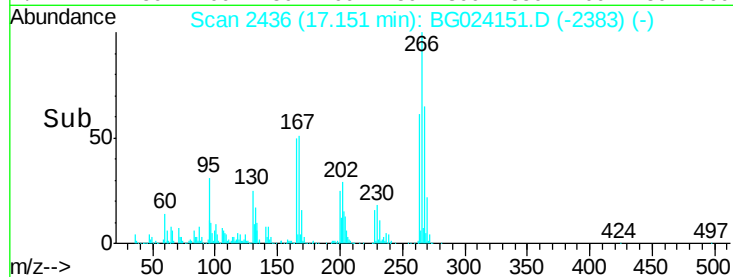
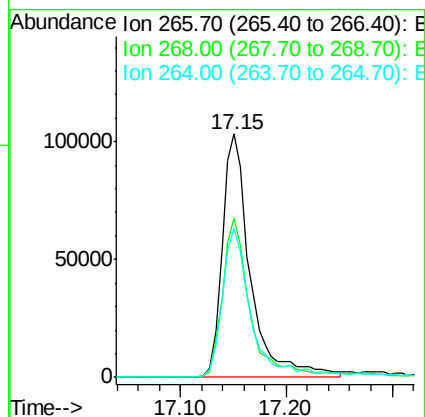
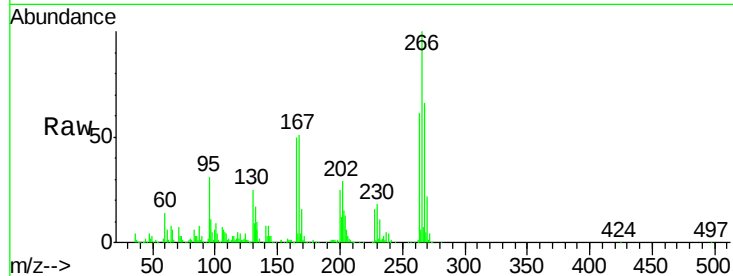




#69
 Pentachlorophenol
 Concen: 61.75 ng
 RT: 17.15 min Scan# 2436
 Delta R.T. 0.01 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

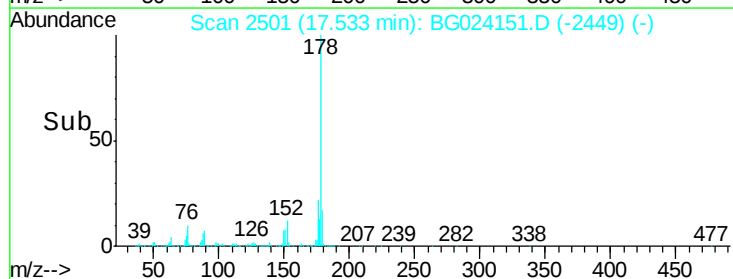
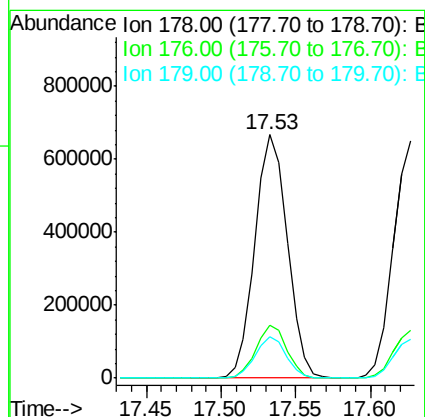
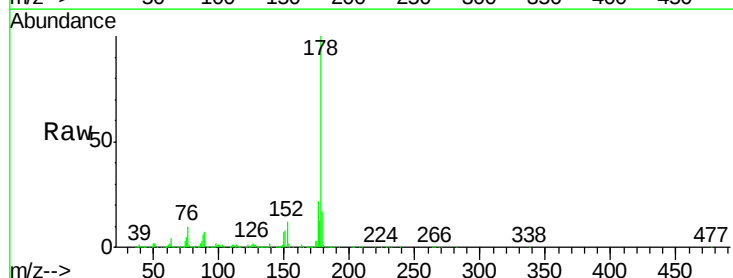
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

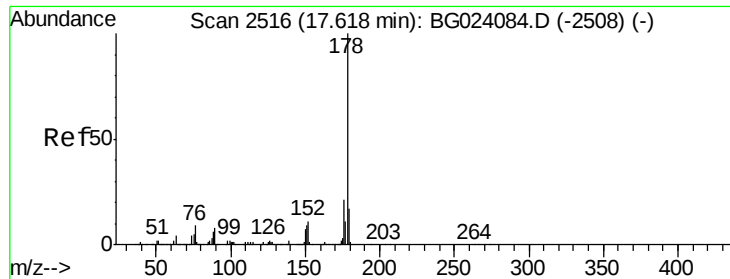
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.9	77.9
264	61.2	50.6	75.8



#70
 Phenanthrene
 Concen: 42.57 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.8	25.2
179	17.0	14.3	21.5

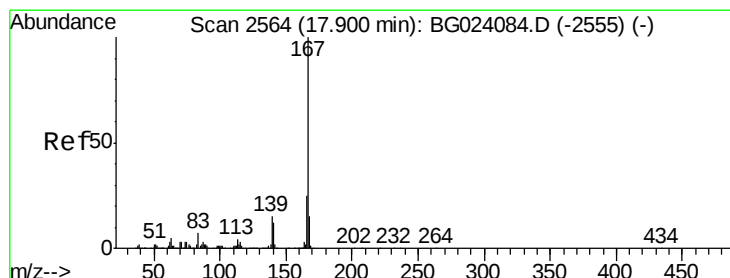
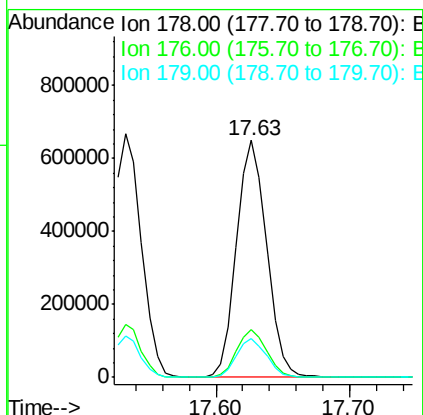
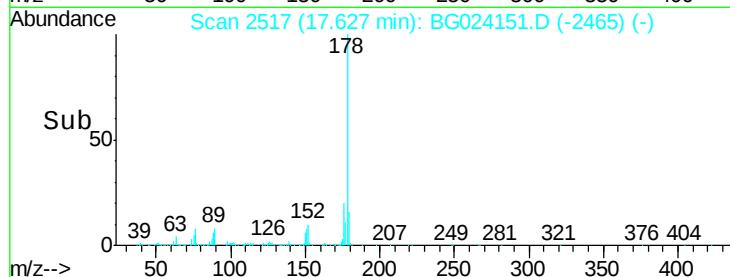
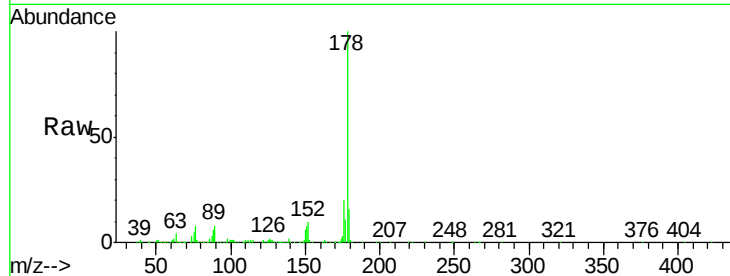




#71
 Anthracene
 Concen: 42.00 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. 0.01 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

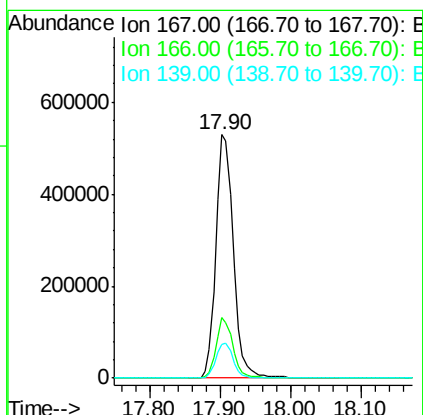
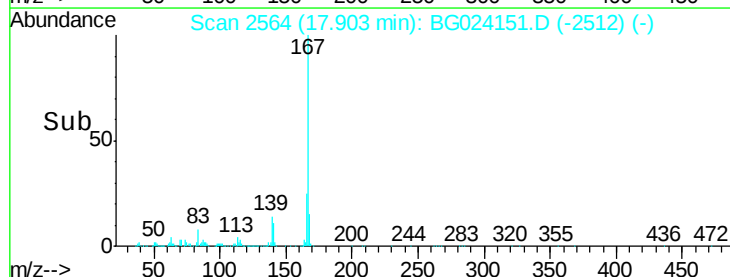
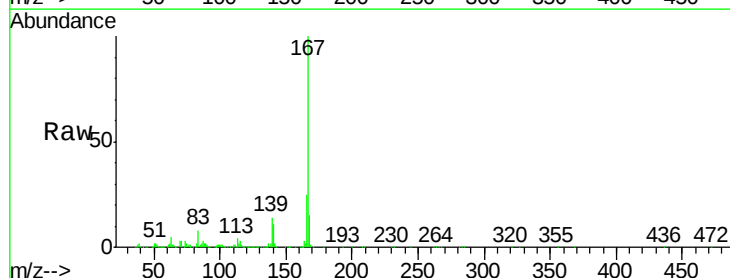
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

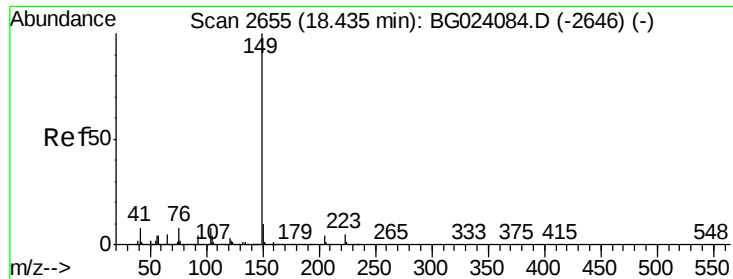
Tot Ion:178 Resp: 1015949
 Ion Ratio Lower Upper
 178 100
 176 20.2 17.3 25.9
 179 16.2 14.0 21.0



#72
 Carbazole
 Concen: 40.50 ng
 RT: 17.90 min Scan# 2564
 Delta R.T. 0.00 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion:167 Resp: 911943
 Ion Ratio Lower Upper
 167 100
 166 24.8 20.7 31.1
 139 13.6 11.9 17.9





#73

Di-n-butylphthalate

Concen: 38.12 ng

RT: 18.44 min Scan# 2655

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

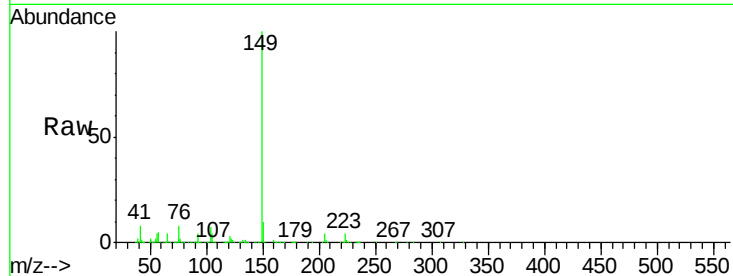
Tot Ion:149 Resp: 1123437

Ion Ratio Lower Upper

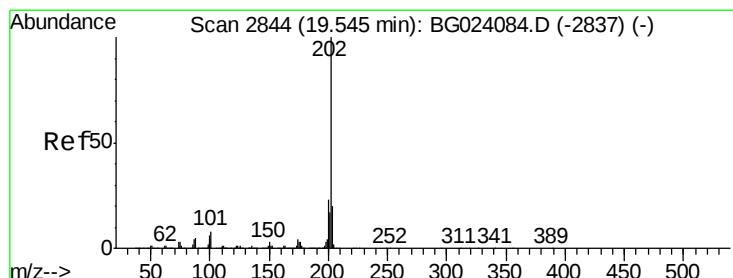
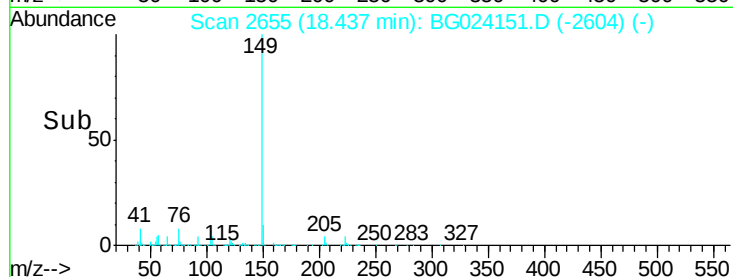
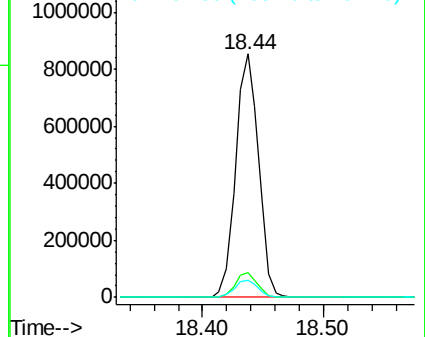
149 100

150 9.9 9.1 13.7

104 7.0 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.73 ng

RT: 19.55 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

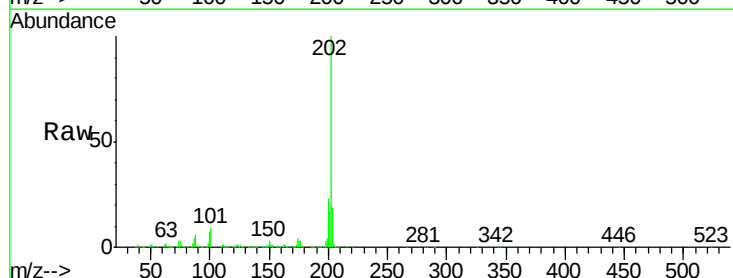
Tgt Ion:202 Resp: 1190664

Ion Ratio Lower Upper

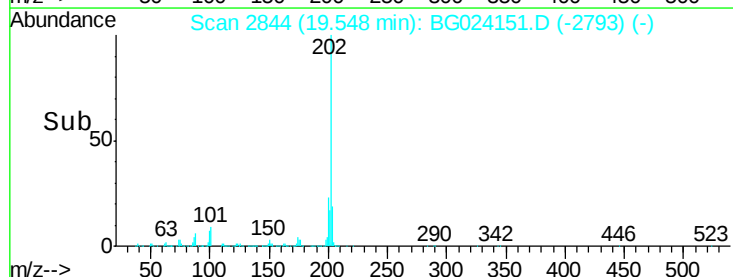
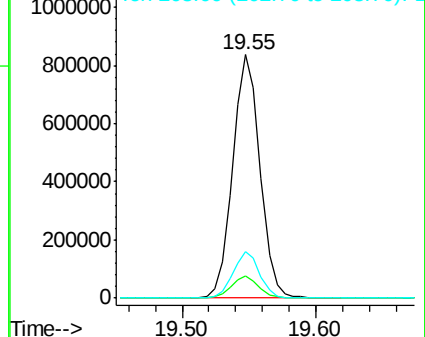
202 100

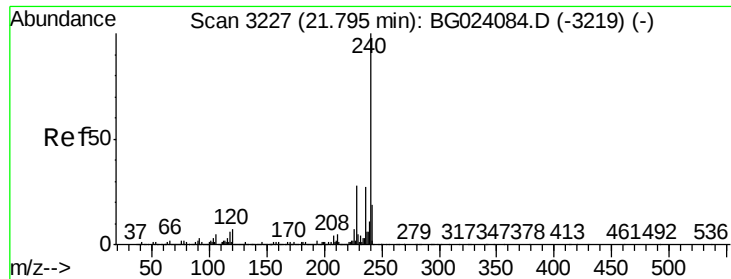
101 9.2 0.0 27.4

203 18.9 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

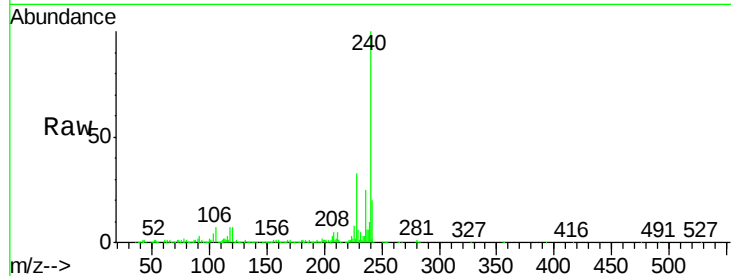
Tot Ion:240 Resp: 477428

Ion Ratio Lower Upper

240 100

120 6.9 4.1 6.1#

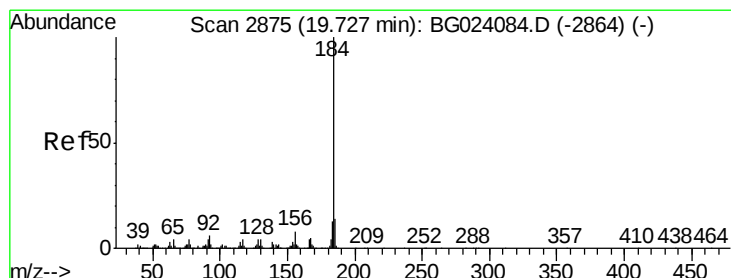
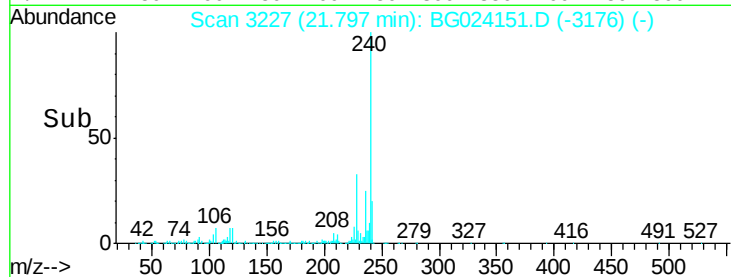
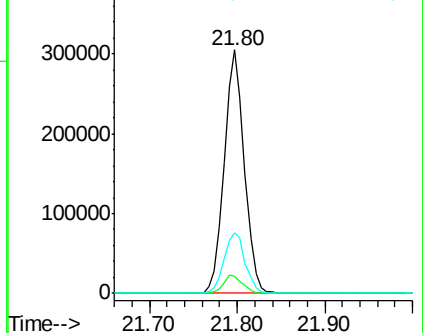
236 25.1 21.1 31.7



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: 20.45 ng

RT: 19.74 min Scan# 2876

Delta R.T. 0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

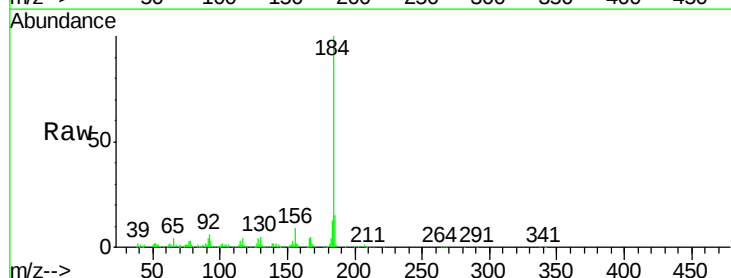
Tgt Ion:184 Resp: 276434

Ion Ratio Lower Upper

184 100

185 15.5 12.6 19.0

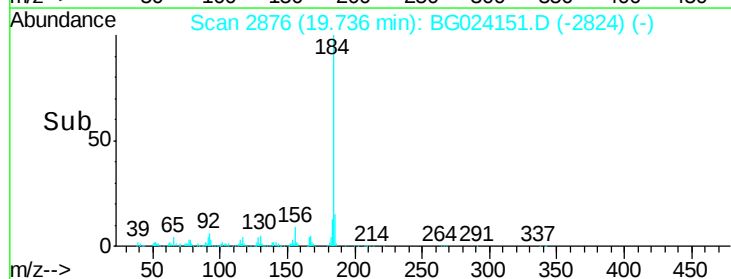
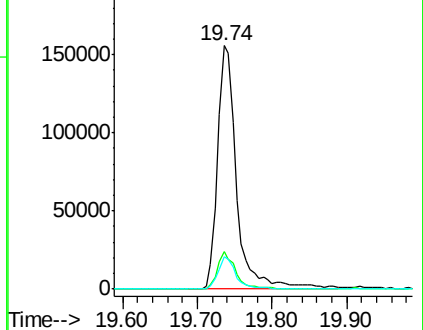
183 13.1 10.7 16.1

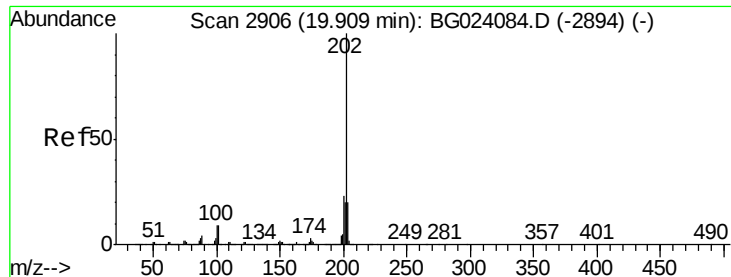


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.64 ng

RT: 19.91 min Scan# 2906

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

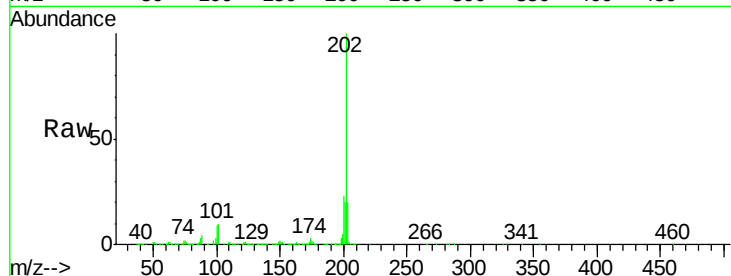
BNA_G

ClientSampleId :

PB93653BSD

Tot Ion:202 Resp: 1188106

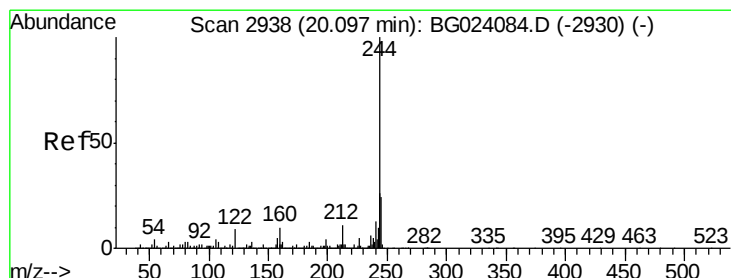
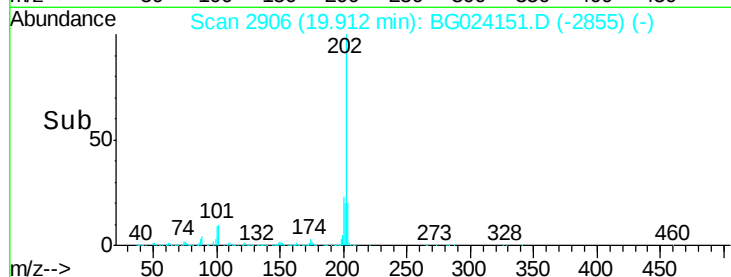
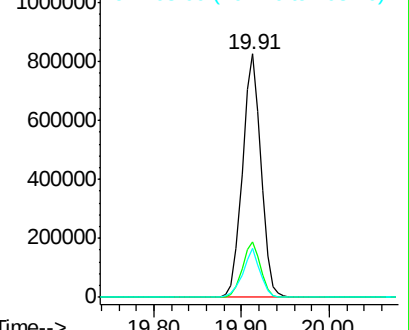
Ion	Ratio	Lower	Upper
202	100		
200	22.6	21.2	31.8
203	20.1	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.25 ng

RT: 20.10 min Scan# 2938

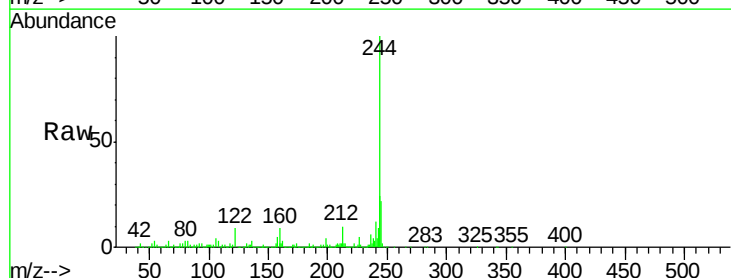
Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Tgt Ion:244 Resp: 1498105

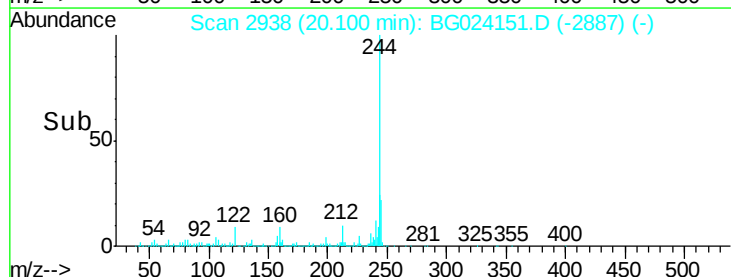
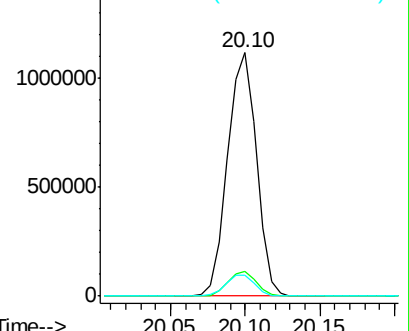
Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.8	16.2#
122	8.8	8.0	12.0

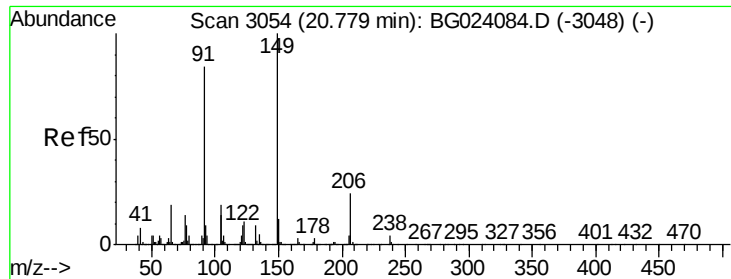


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

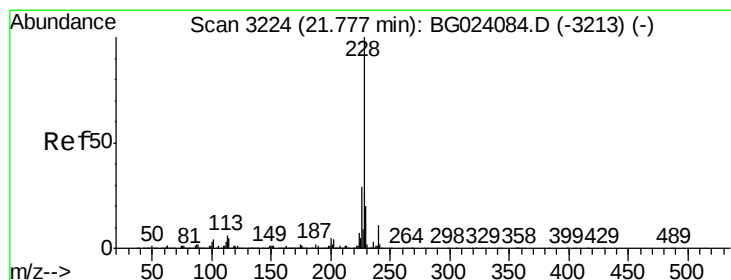
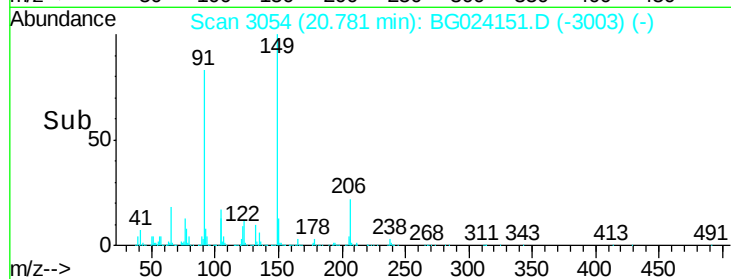
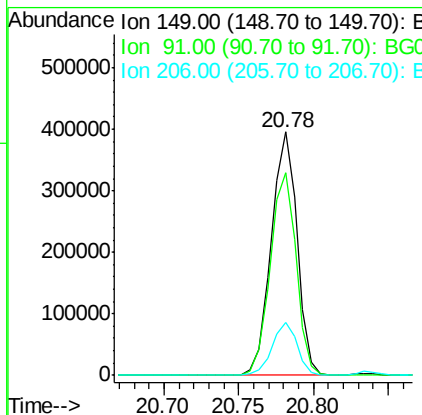
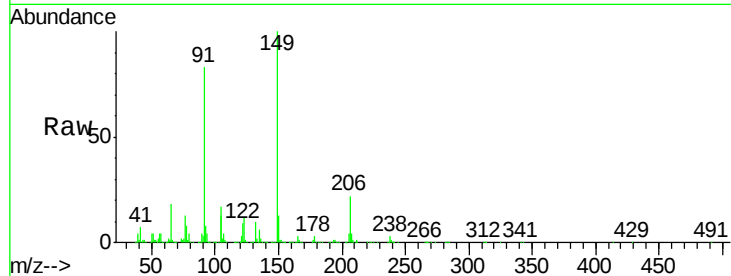




#79
Butylbenzylphthalate
Concen: 38.70 ng
RT: 20.78 min Scan# 3054
Delta R.T. 0.00 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

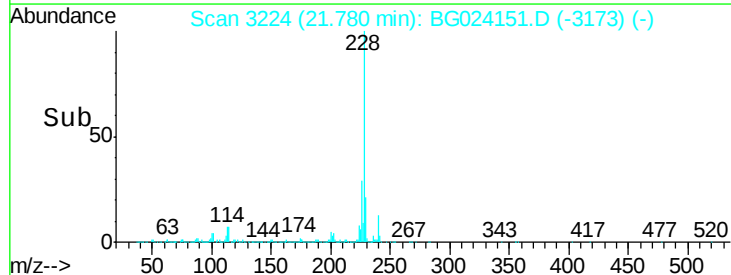
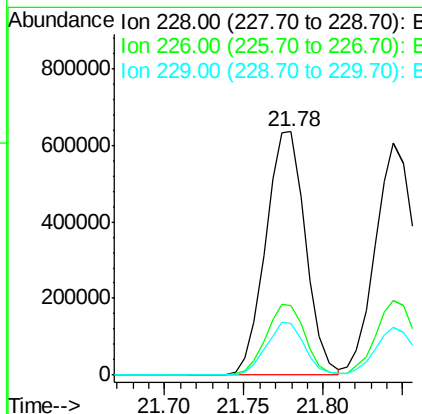
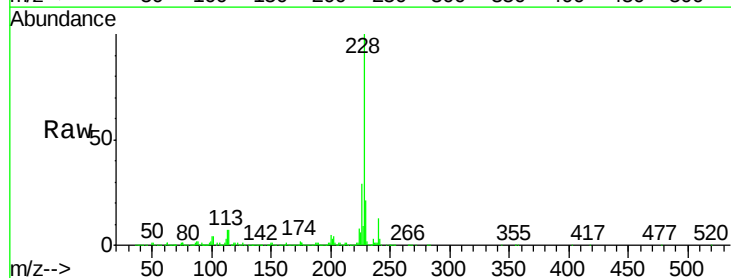
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

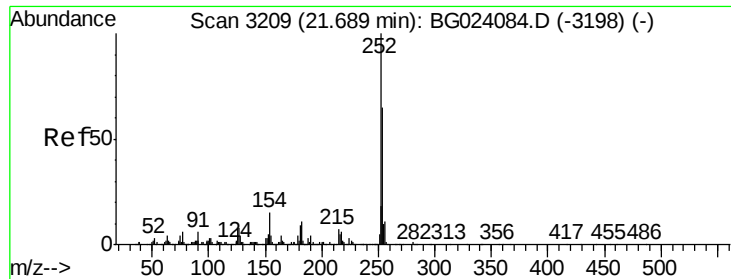
Tot Ion:149 Resp: 475117
Ion Ratio Lower Upper
149 100
91 83.4 68.1 102.1
206 21.9 19.8 29.6



#80
Benzo(a)anthracene
Concen: 40.75 ng
RT: 21.78 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion:228 Resp: 1107497
Ion Ratio Lower Upper
228 100
226 28.8 25.3 37.9
229 21.0 19.9 29.9

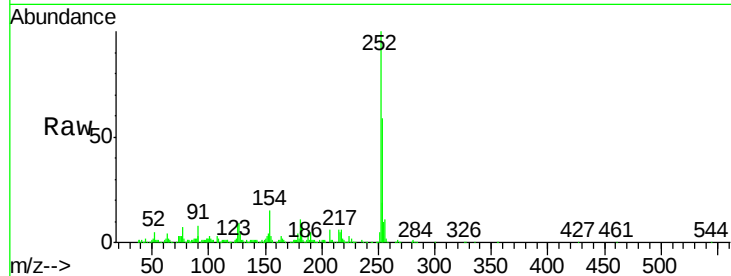




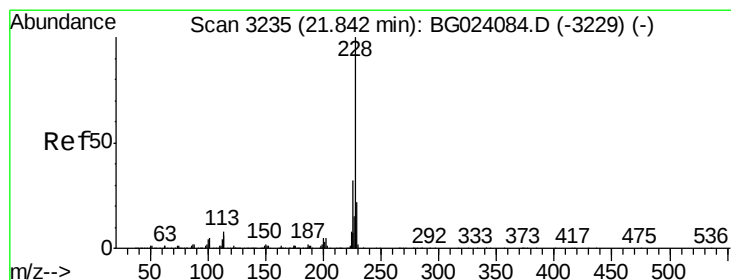
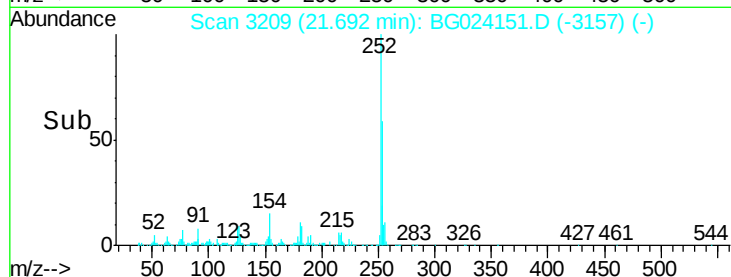
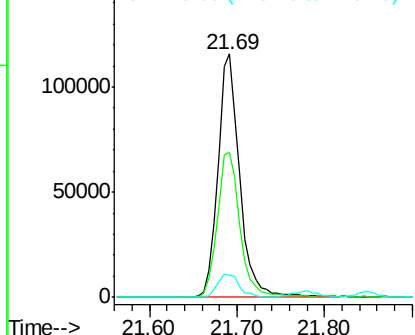
#81
 3,3'-Dichlorobenzidine
 Concen: 20.49 ng
 RT: 21.69 min Scan# 3209
 Delta R.T. 0.00 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

Tot Ion:252 Resp: 199604
 Ion Ratio Lower Upper
 252 100
 254 59.4 51.2 76.8
 126 9.3 5.3 7.9#

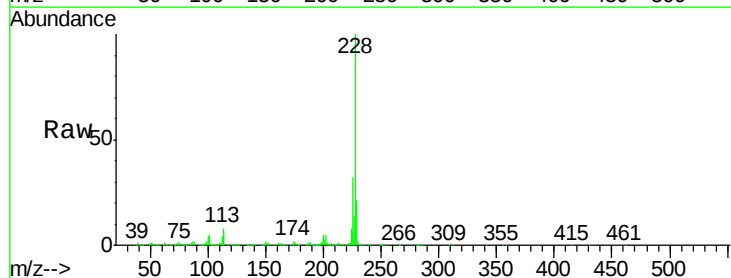


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

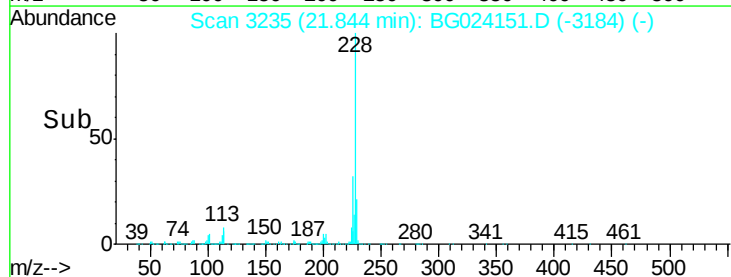
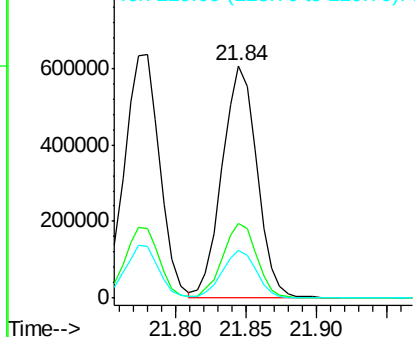


#82
 Chrysene
 Concen: 40.73 ng
 RT: 21.84 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Tgt Ion:228 Resp: 1040501
 Ion Ratio Lower Upper
 228 100
 226 31.9 26.7 40.1
 229 20.8 17.4 26.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.40 ng

RT: 21.64 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

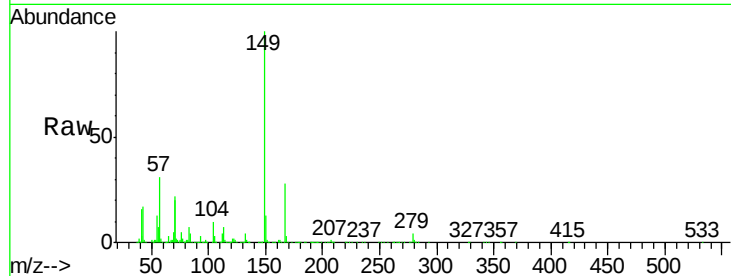
Tot Ion:149 Resp: 665803

Ion Ratio Lower Upper

149 100

167 28.0 24.0 36.0

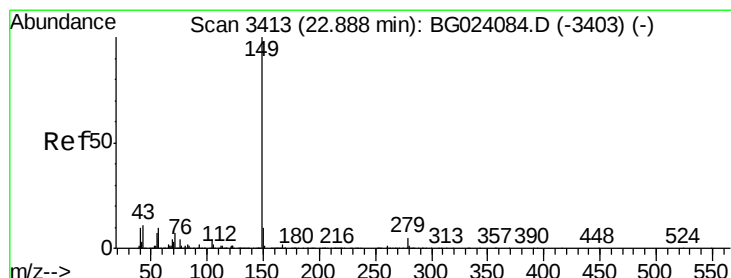
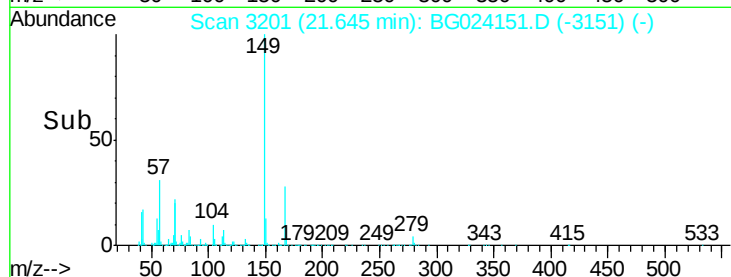
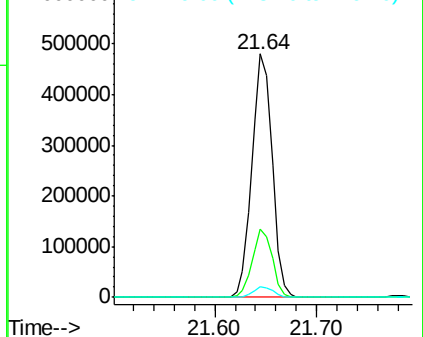
279 4.2 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.20 ng

RT: 22.89 min Scan# 3413

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

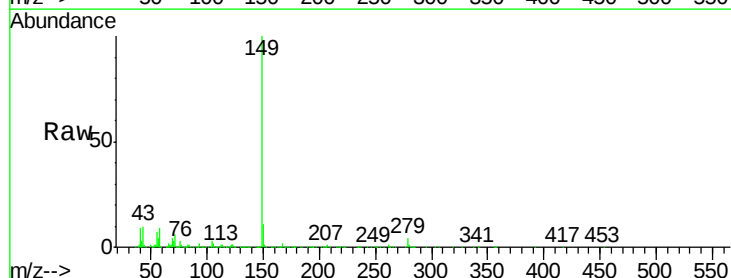
Tgt Ion:149 Resp: 1169206

Ion Ratio Lower Upper

149 100

167 1.6 1.5 2.3

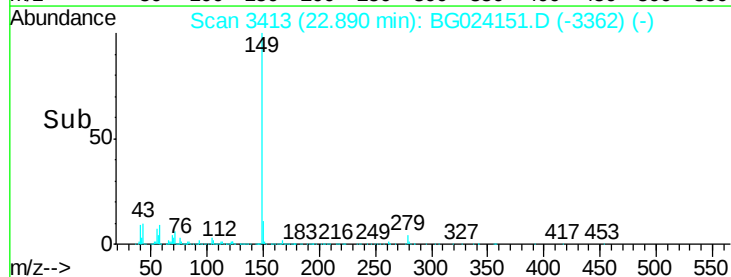
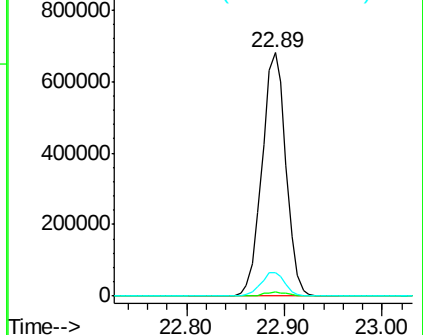
43 9.9 8.8 13.2

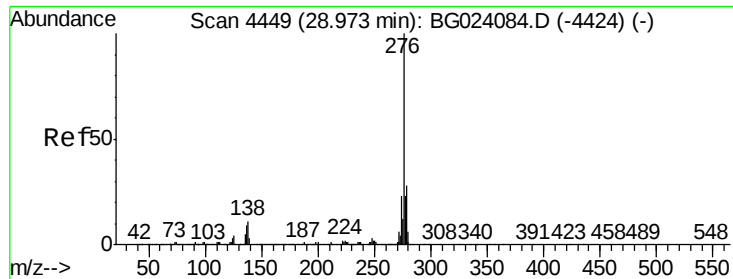


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

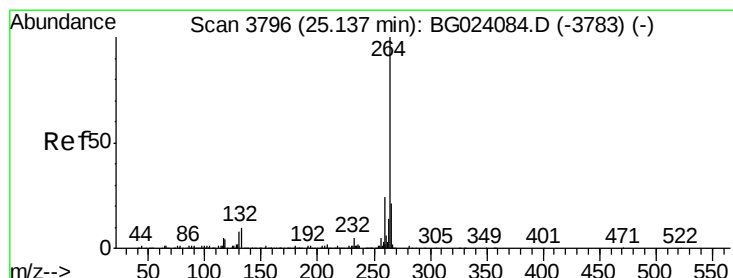
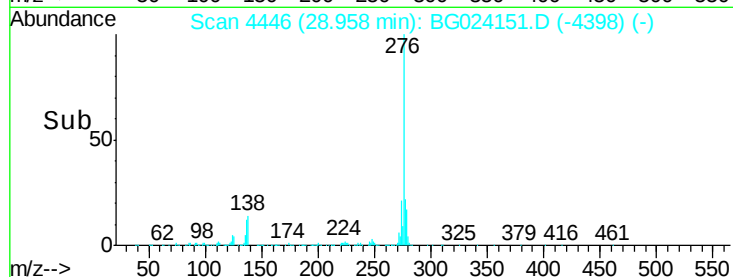
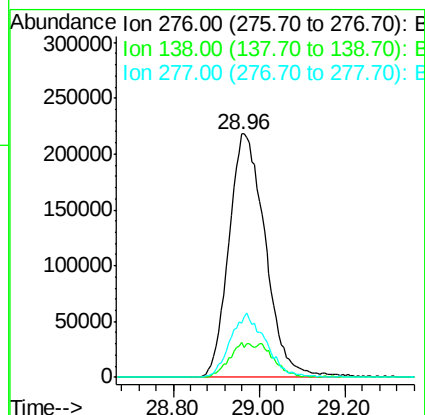
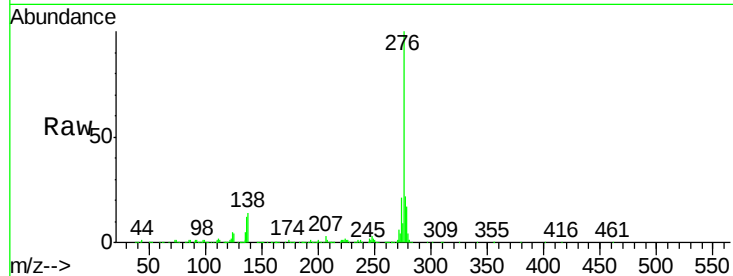




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.14 ng
RT: 28.96 min Scan# 4446
Delta R.T. -0.02 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

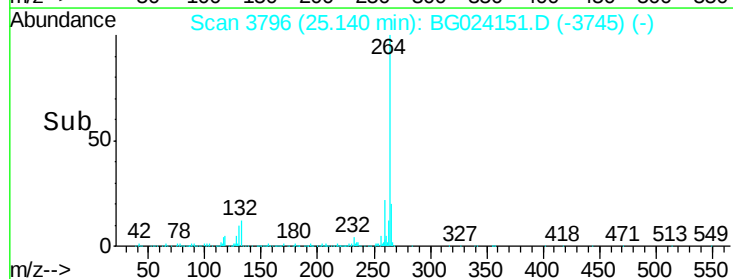
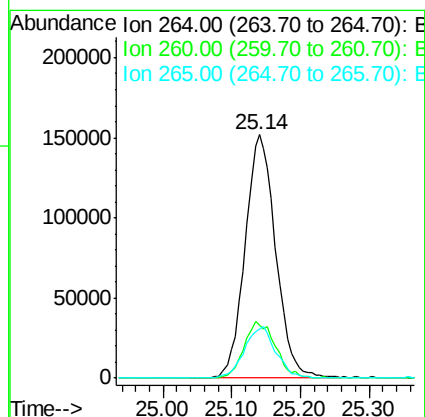
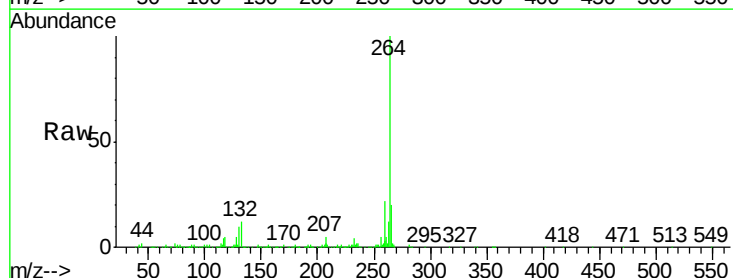
Instrument :
BNA_G
ClientSampleId :
PB93653BSD

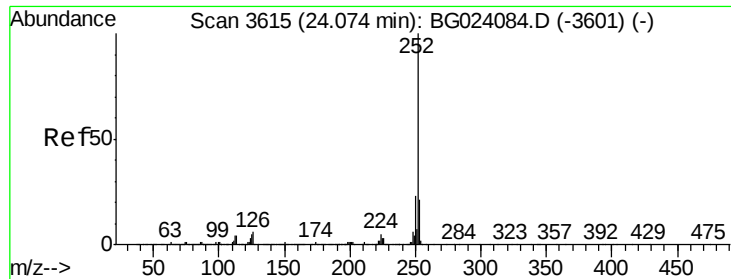
Tot Ion:276 Resp: 1286077
Ion Ratio Lower Upper
276 100
138 6.1 0.0 0.0#
277 25.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3796
Delta R.T. 0.00 min
Lab File: BG024151.D
Acq: 28 Sep 2016 18:52

Tgt Ion:264 Resp: 470256
Ion Ratio Lower Upper
264 100
260 21.7 18.4 27.6
265 20.2 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 40.92 ng

RT: 24.07 min Scan# 3614

Delta R.T. -0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

BNA_G

ClientSampleId :

PB93653BSD

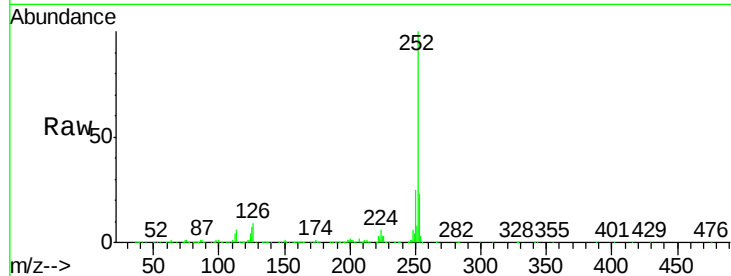
Tot Ion:252 Resp: 1119410

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

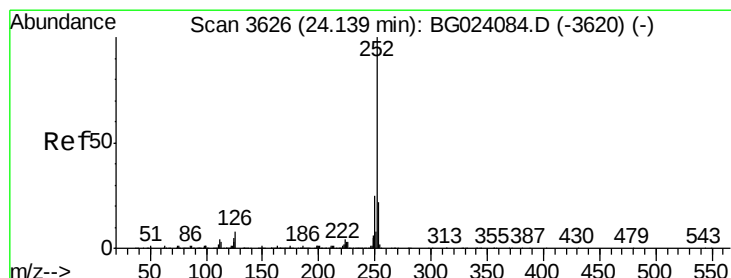
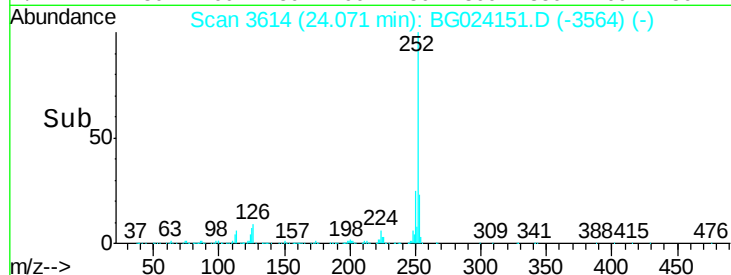
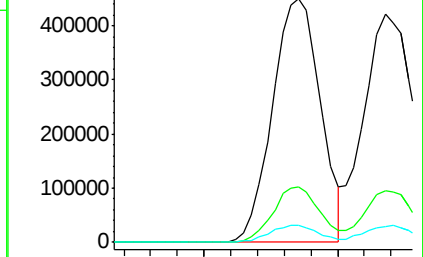
125 7.2 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.92 ng

RT: 24.14 min Scan# 3625

Delta R.T. -0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

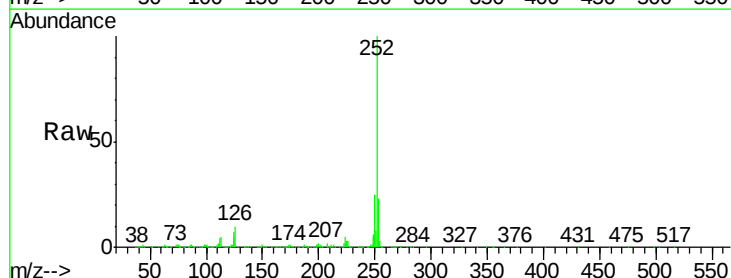
Tgt Ion:252 Resp: 1111848

Ion Ratio Lower Upper

252 100

253 22.9 18.8 28.2

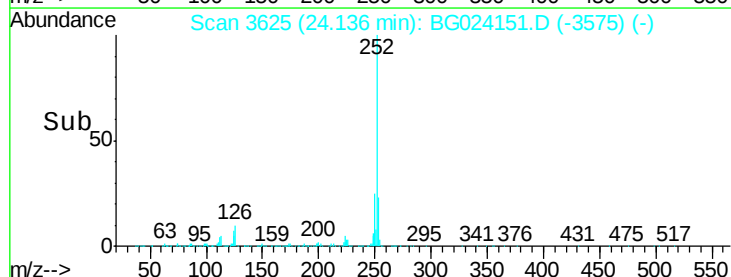
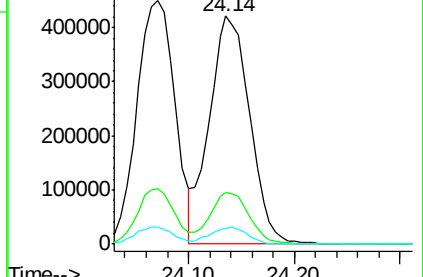
125 6.9 3.2 4.8#



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: 41.38 ng

RT: 24.98 min Scan# 3769

Delta R.T. 0.00 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Instrument :

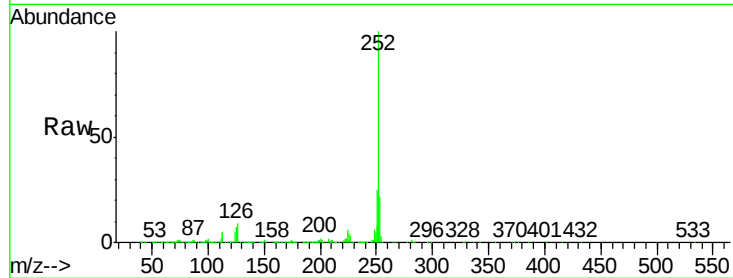
BNA_G

ClientSampleId :

PB93653BSD

Tot Ion:252 Resp: 1094359

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	7.0	3.9	5.9

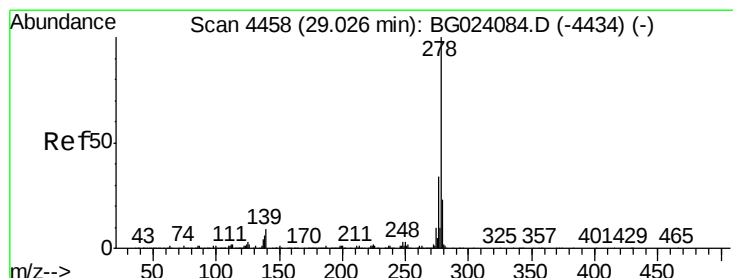
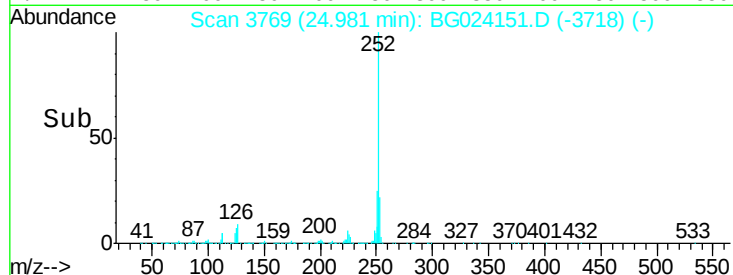
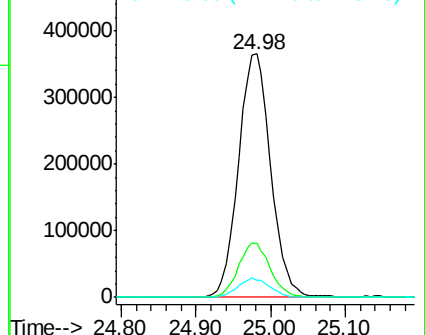


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.79 ng

RT: 29.02 min Scan# 4456

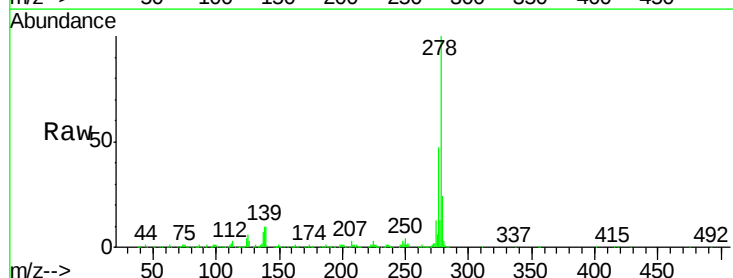
Delta R.T. -0.01 min

Lab File: BG024151.D

Acq: 28 Sep 2016 18:52

Tgt Ion:278 Resp: 1050739

Ion	Ratio	Lower	Upper
278	100		
139	10.3	4.7	7.1
279	24.2	18.3	27.5

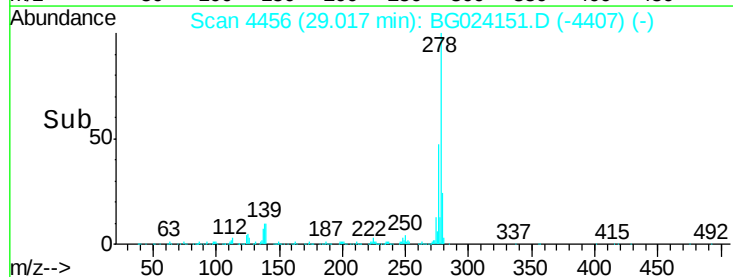
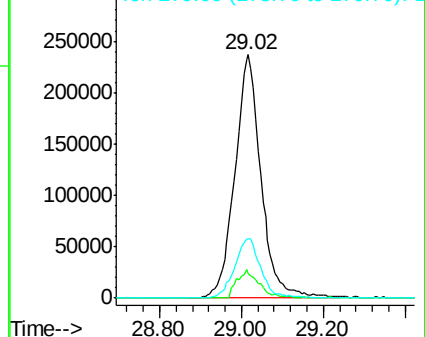


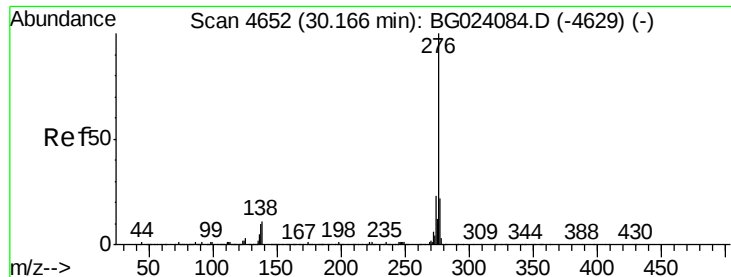
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.83 ng
 RT: 30.17 min Scan# 4652
 Delta R.T. 0.00 min
 Lab File: BG024151.D
 Acq: 28 Sep 2016 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BSD

Tot Ion:276 Resp: 1059854

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	14.0	6.8	10.2

