

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024109.D
 Acq On : 24 Sep 2016 5:00
 Operator : UM/SJ
 Sample : PB93571BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Quant Time: Sep 24 05:34:01 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	8.04	152	36669	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	180563	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	163851	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	381835	20.00	ng	0.00
75) Chrysene-d12	21.79	240	404909	20.00	ng	0.00
86) Perylene-d12	25.12	264	399007	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	297122	140.38	ng	0.00
7) Phenol-d6	7.21	99	474962	133.36	ng	0.00
23) Nitrobenzene-d5	9.22	82	338892	73.97	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	265461	112.71	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	716538	73.51	ng	0.00
78) Terphenyl-d14	20.09	244	1311293	66.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	28915	35.69	ng	92
3) Pyridine	3.84	79	94204	32.90	ng	97
4) n-Nitrosodimethylamine	3.76	42	52851	36.42	ng	# 92
6) Aniline	7.36	93	86620	17.32	ng	97
8) 2-Chlorophenol	7.60	128	104190	41.12	ng	97
9) Benzaldehyde	7.19	77	17291	8.92	ng	# 75
10) Phenol	7.23	94	161253	43.07	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	108954	36.90	ng	90
12) 1,3-Dichlorobenzene	7.93	146	107006	37.87	ng	97
13) 1,4-Dichlorobenzene	8.07	146	107894	37.42	ng	96
14) 1,2-Dichlorobenzene	8.40	146	105744	37.68	ng	89
15) Benzyl Alcohol	8.29	79	130299	37.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	145850	35.78	ng	95
17) 2-Methylphenol	8.50	107	108344	43.53	ng	97
18) Hexachloroethane	9.12	117	44150	36.34	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	122697	35.08	ng	98
20) 3+4-Methylphenols	8.84	107	153630	42.50	ng	94
22) Acetophenone	8.88	105	170919	32.81	ng	# 95
24) Nitrobenzene	9.26	77	176361	35.91	ng	97
25) Isophorone	9.78	82	332976	35.63	ng	# 95
26) 2-Nitrophenol	9.98	139	63026	36.18	ng	91
27) 2,4-Dimethylphenol	10.04	122	111372	38.24	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	171445	37.73	ng	99
29) 2,4-Dichlorophenol	10.53	162	130064	42.90	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	120400	37.11	ng	97
31) Naphthalene	10.92	128	350911	38.36	ng	99
32) Benzoic acid	10.21	122	52295	25.43	ng	# 90
33) 4-Chloroaniline	11.06	127	46353	11.35	ng	94
34) Hexachlorobutadiene	11.19	225	89296	34.96	ng	99
35) Caprolactam	11.86	113	24479	19.85	ng	93
36) 4-Chloro-3-methylphenol	12.18	107	171865	40.29	ng	97
37) 2-Methylnaphthalene	12.53	142	274216	39.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	144369	30.18	ng	99
40) Hexachlorocyclopentadiene	12.87	237	133531	63.09	ng	96

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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

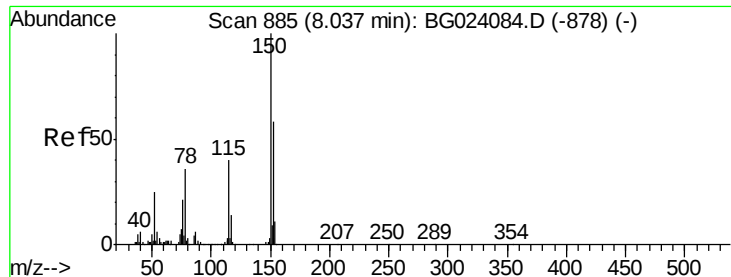
Instrument :
 BNA_G
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Quant Time: Sep 24 05:34:01 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.15	196	118138	38.19	ng	97
43) 2,4,5-Trichlorophenol	13.24	196	124965	39.26	ng #	92
45) 1,1'-Biphenyl	13.54	154	358521	32.00	ng	99
46) 2-Chloronaphthalene	13.59	162	313742	37.50	ng	97
47) 2-Nitroaniline	13.81	65	153572	39.45	ng	95
48) Acenaphthylene	14.44	152	530949	37.38	ng	99
49) Dimethylphthalate	14.17	163	484206	38.52	ng	98
50) 2,6-Dinitrotoluene	14.30	165	103292	39.12	ng	96
51) Acenaphthene	14.78	154	331640	38.50	ng	97
52) 3-Nitroaniline	14.65	138	44924	17.04	ng #	94
53) 2,4-Dinitrophenol	14.86	184	123893	67.54	ng	93
54) Dibenzofuran	15.12	168	551097	41.09	ng	99
55) 4-Nitrophenol	14.98	139	137224	66.50	ng #	83
56) 2,4-Dinitrotoluene	15.10	165	156232	38.88	ng #	84
57) Fluorene	15.77	166	457605	39.20	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	136343	44.35	ng	93
59) Diethylphthalate	15.53	149	525531	38.82	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	243136	38.88	ng	98
61) 4-Nitroaniline	15.82	138	92223	33.76	ng	94
62) Azobenzene	16.05	77	597062	43.41	ng	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	91927	34.67	ng	93
65) n-Nitrosodiphenylamine	15.97	169	425155	40.70	ng	95
66) 4-Bromophenyl-phenylether	16.66	248	172874	39.03	ng	98
67) Hexachlorobenzene	16.79	284	186160	37.30	ng	97
68) Atrazine	16.93	200	177190	38.43	ng	96
69) Pentachlorophenol	17.14	266	162078	63.44	ng	97
70) Phenanthrene	17.53	178	807088	41.50	ng	98
71) Anthracene	17.62	178	830253	41.56	ng	95
72) Carbazole	17.90	167	727776	39.13	ng	96
73) Di-n-butylphthalate	18.43	149	910914	37.42	ng	96
74) Fluoranthene	19.54	202	972772	38.31	ng	94
76) Benzidine	19.73	184	111779	9.75	ng	97
77) Pyrene	19.90	202	958518	33.90	ng	94
79) Butylbenzylphthalate	20.77	149	391673	37.62	ng	98
80) Benzo(a)anthracene	21.77	228	918324	39.84	ng	94
81) 3,3'-Dichlorobenzidine	21.68	252	167262	20.25	ng #	99
82) Chrysene	21.84	228	854028	39.42	ng	99
83) Bis(2-ethylhexyl)phthalate	21.64	149	560223	45.04	ng #	93
84) Di-n-octyl phthalate	22.88	149	954526	44.47	ng	99
85) Indeno(1,2,3-cd)pyrene	28.95	276	1045020	43.25	ng #	100
87) Benzo(b)fluoranthene	24.06	252	933042	40.19	ng #	96
88) Benzo(k)fluoranthene	24.13	252	885287	38.40	ng #	99
89) Benzo(a)pyrene	24.97	252	895443	39.90	ng #	95
90) Dibenzo(a,h)anthracene	28.99	278	860898	38.42	ng #	96
91) Benzo(g,h,i)perylene	30.14	276	864749	38.30	ng #	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

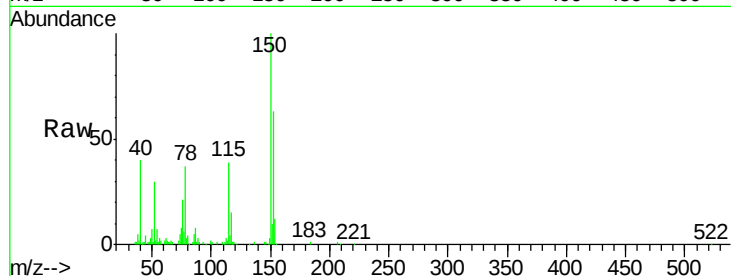
Tgt Ion:152 Resp: 36669

Ion Ratio Lower Upper

152 100

150 157.9 144.7 217.1

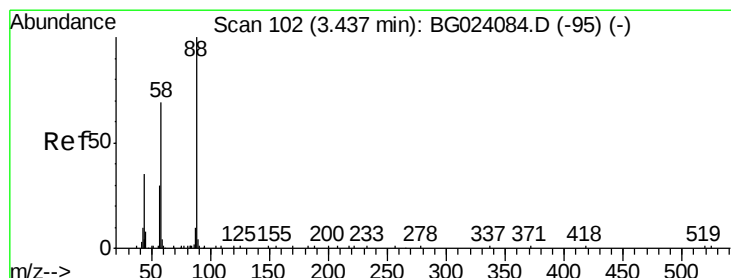
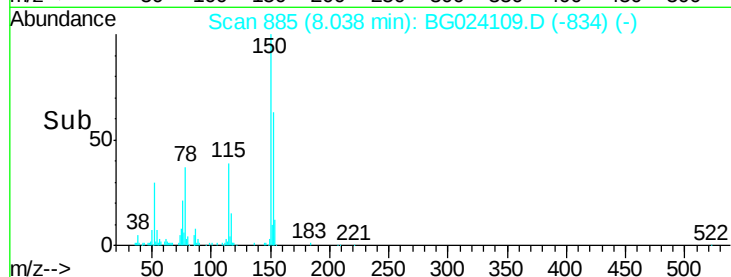
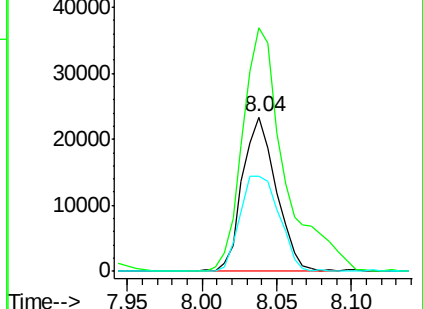
115 62.1 64.0 96.0#



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: 35.69 ng

RT: 3.43 min Scan# 101

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

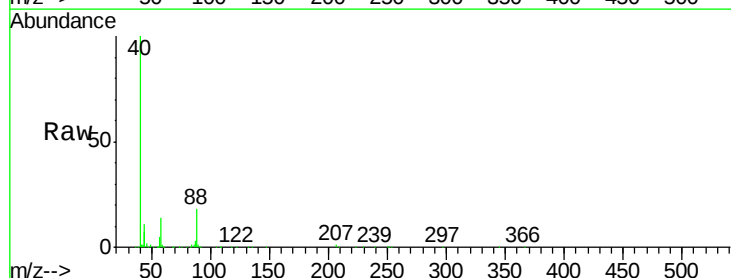
Tgt Ion: 88 Resp: 28915

Ion Ratio Lower Upper

88 100

58 85.6 60.4 90.6

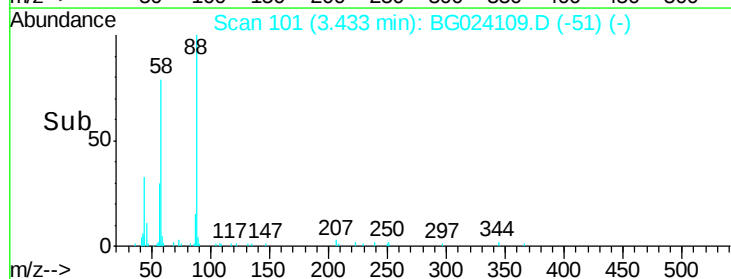
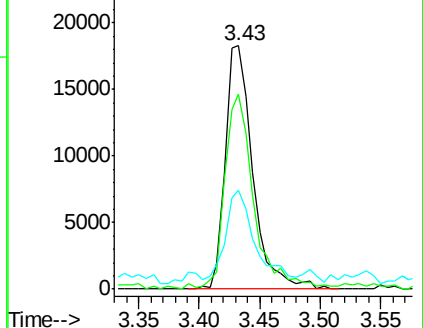
43 39.6 31.1 46.7



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.90 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

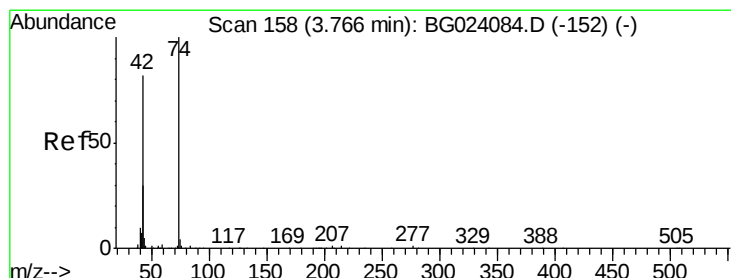
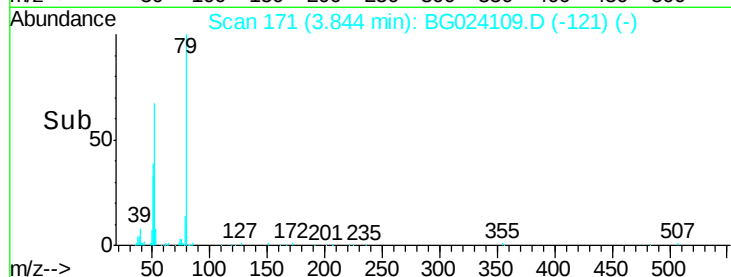
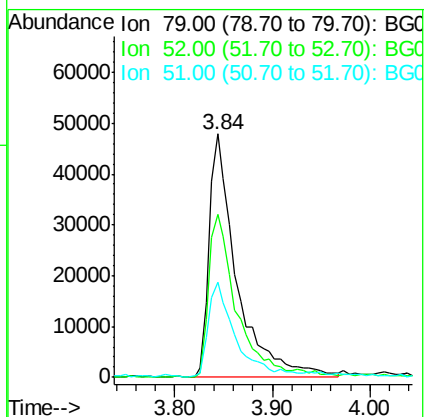
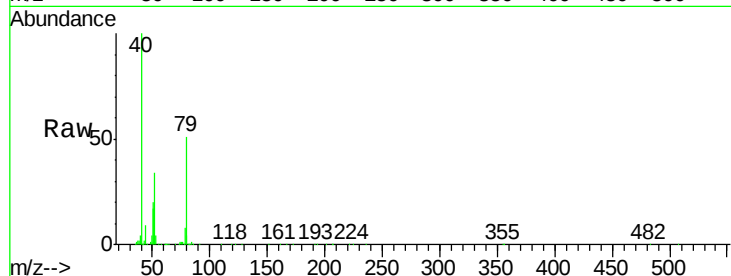
Tgt Ion: 79 Resp: 94204

Ion Ratio Lower Upper

79 100

52 67.1 51.8 77.8

51 39.3 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 36.42 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

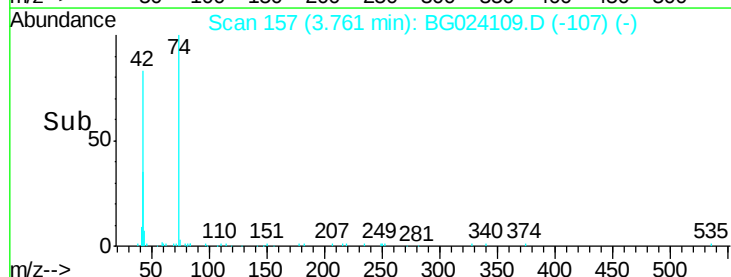
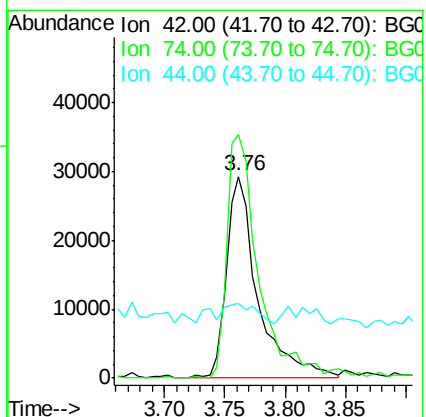
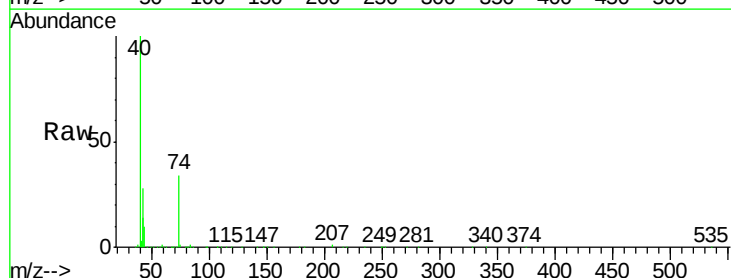
Tgt Ion: 42 Resp: 52851

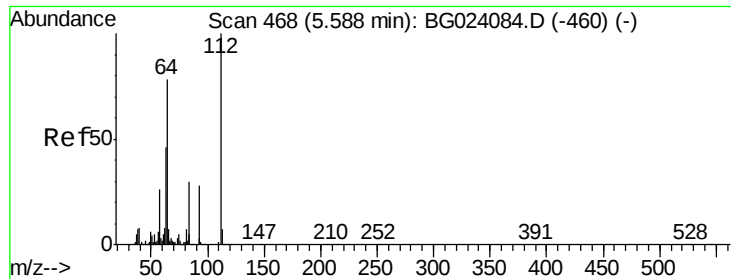
Ion Ratio Lower Upper

42 100

74 120.7 100.6 150.8

44 37.0 4.5 6.7#





#5

2-Fluorophenol

Concen: 140.38 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

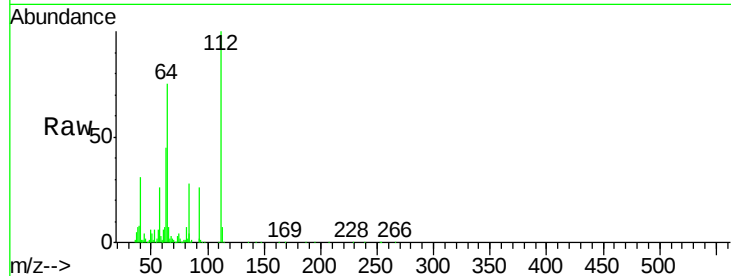
Tgt Ion: 112 Resp: 297122

Ion Ratio Lower Upper

112 100

64 74.7 59.0 88.4

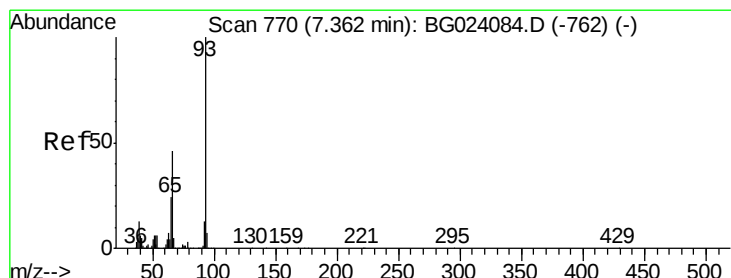
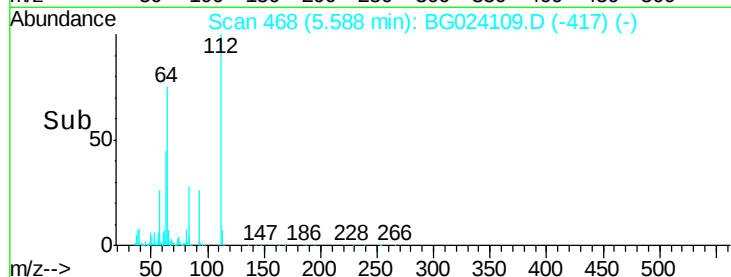
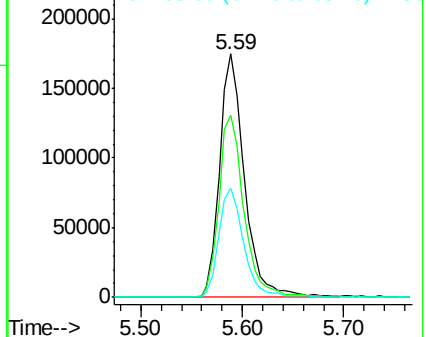
63 44.8 37.8 56.8



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: 17.32 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

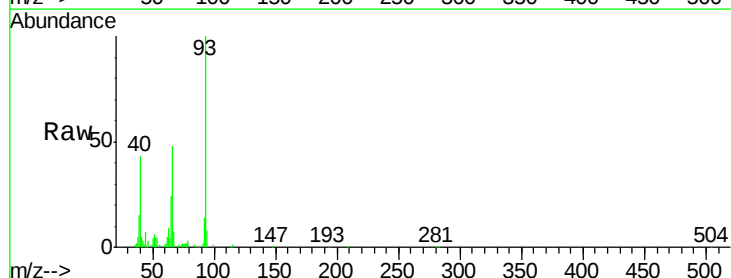
Tgt Ion: 93 Resp: 86620

Ion Ratio Lower Upper

93 100

66 48.4 37.5 56.3

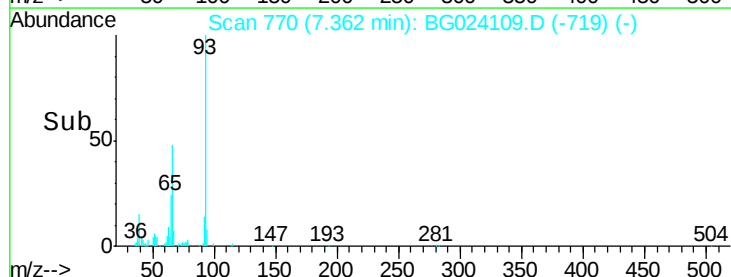
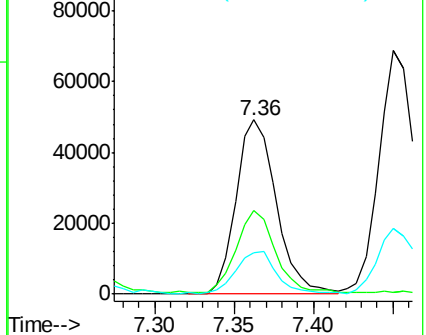
65 23.9 17.9 26.9

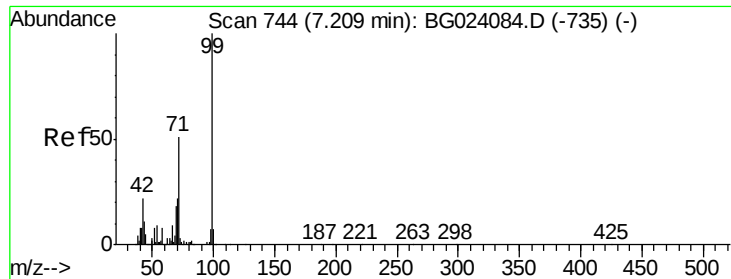


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.36 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

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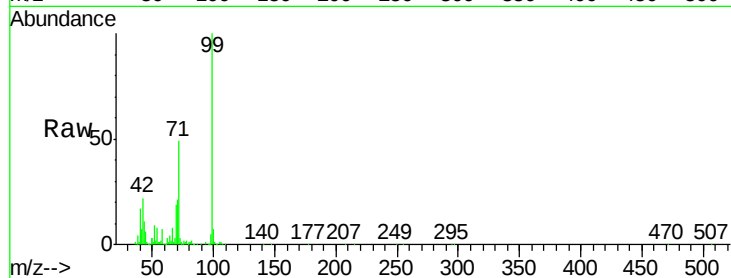
Tgt Ion: 99 Resp: 474962

Ion Ratio Lower Upper

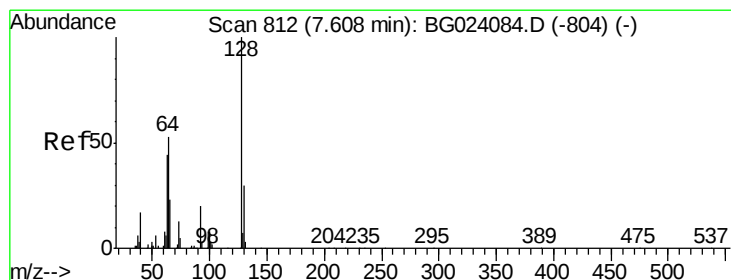
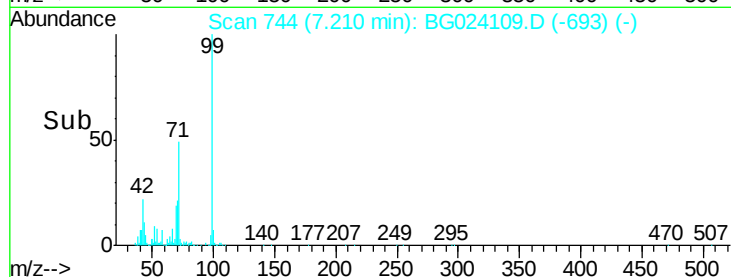
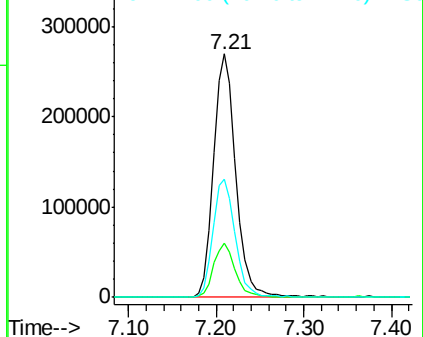
99 100

42 22.3 17.8 26.6

71 48.6 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: 41.12 ng

RT: 7.60 min Scan# 811

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

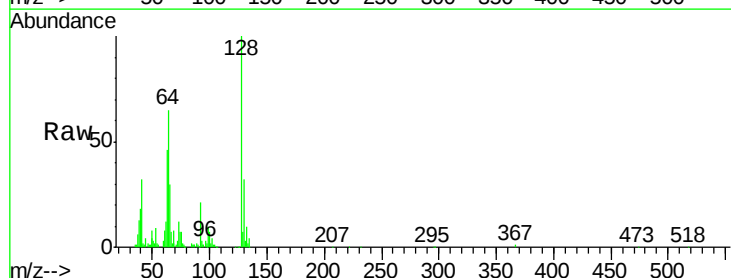
Tgt Ion: 128 Resp: 104190

Ion Ratio Lower Upper

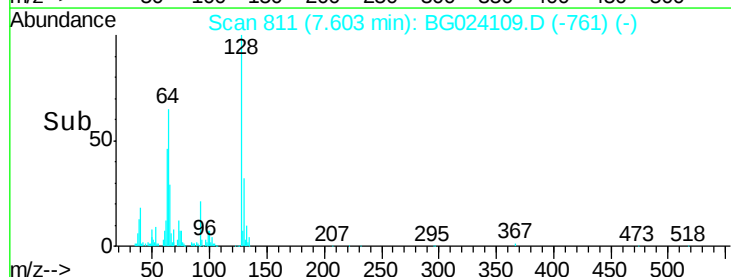
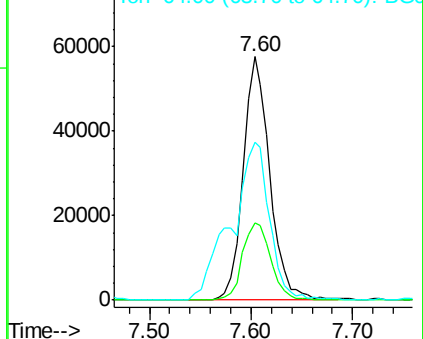
128 100

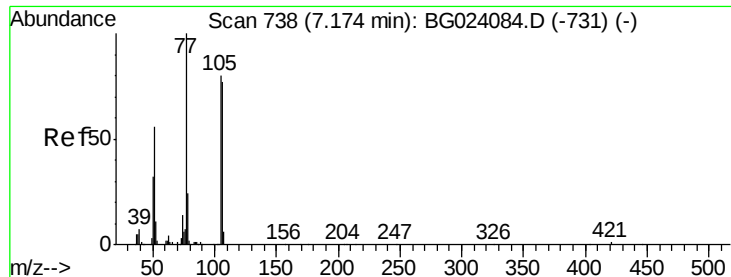
130 31.6 12.9 52.9

64 65.1 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: 8.92 ng

RT: 7.19 min Scan# 740

Delta R.T. 0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

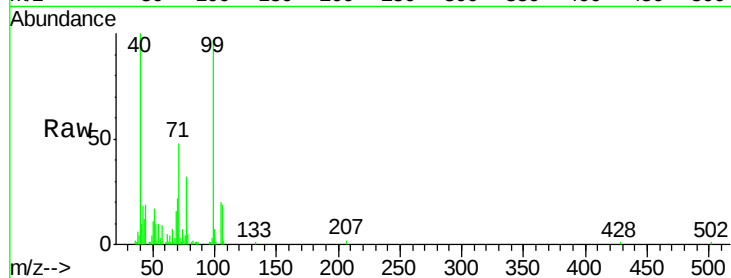
Tgt Ion: 77 Resp: 17291

Ion Ratio Lower Upper

77 100

105 63.7 58.7 98.7

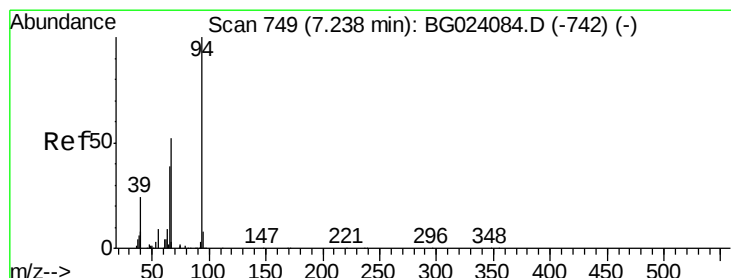
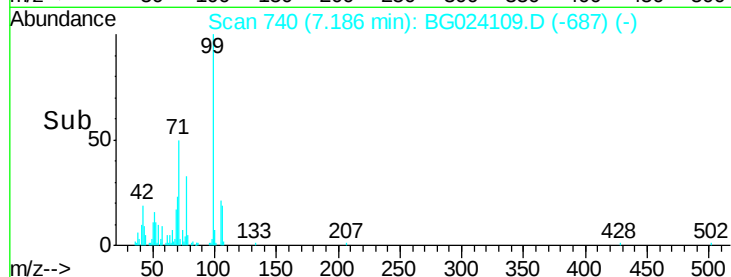
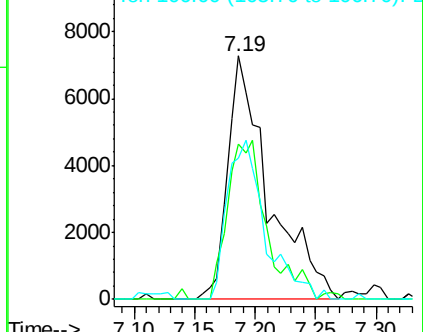
106 58.3 67.5 107.5#



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: 43.07 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

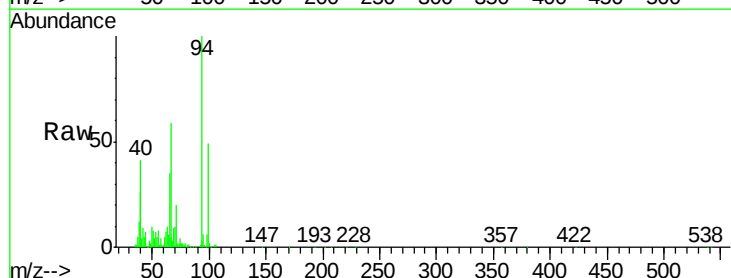
Tgt Ion: 94 Resp: 161253

Ion Ratio Lower Upper

94 100

65 34.6 18.1 58.1

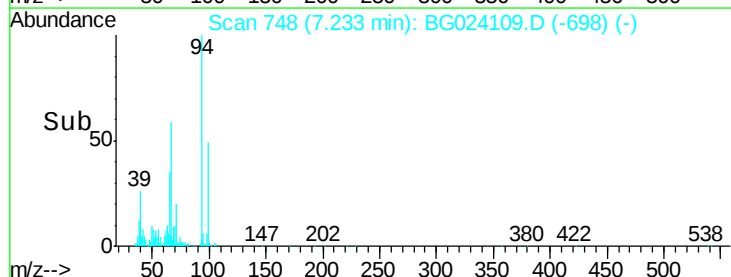
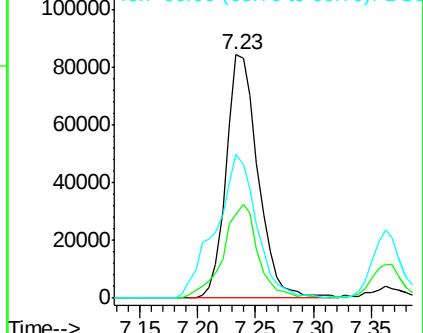
66 59.0 42.1 82.1

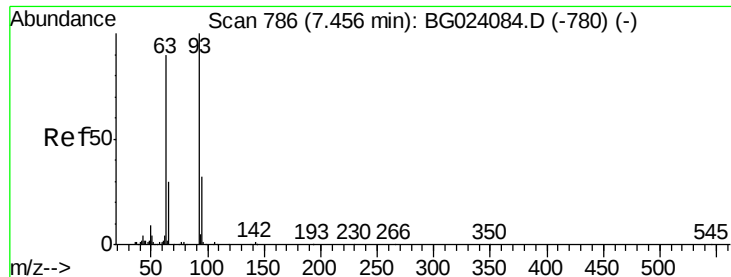


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

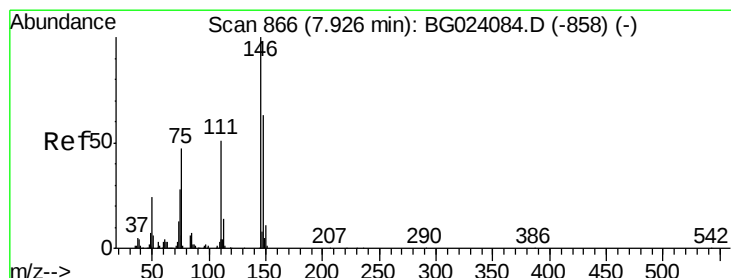
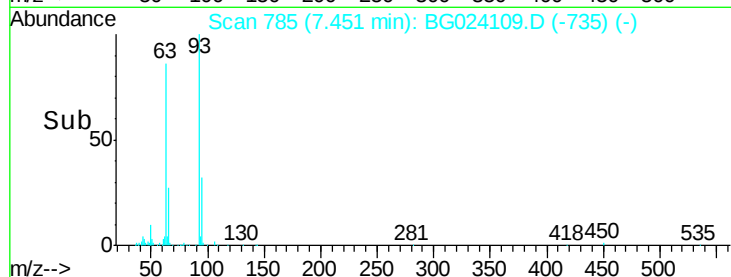
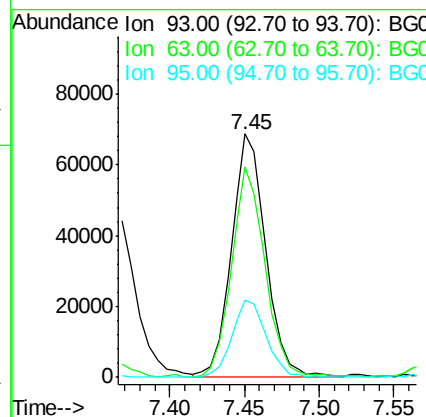
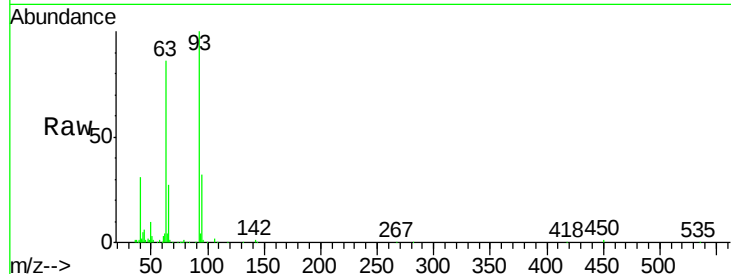




#11
bis(2-Chloroethyl)ether
Concen: 36.90 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

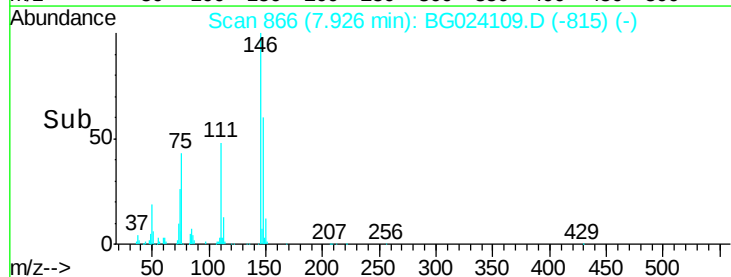
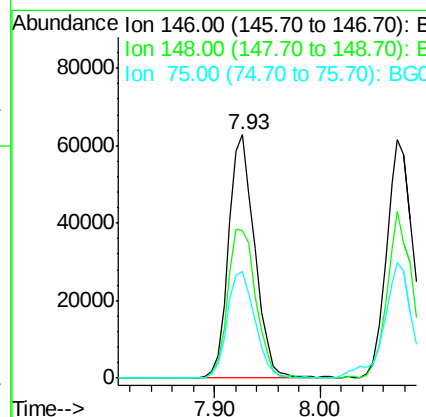
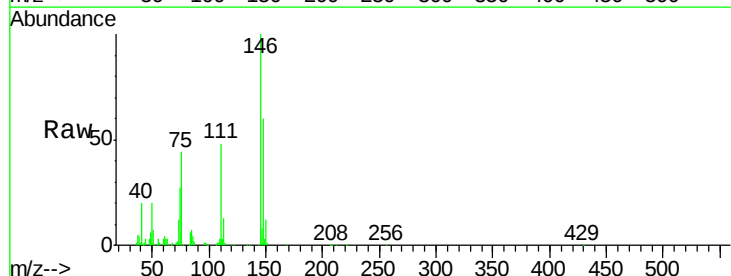
Instrument :
BNA_G
ClientSampleId :
PB93571BS

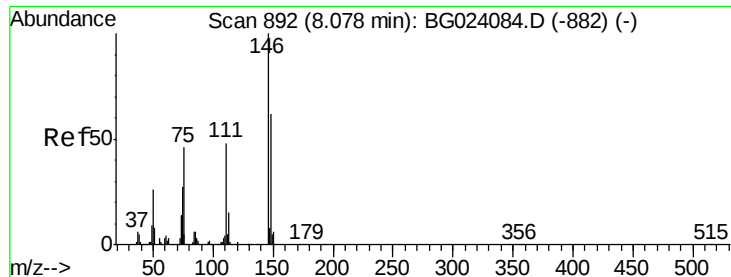
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.5	55.0	95.0
95	31.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 37.87 ng
RT: 7.93 min Scan# 866
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.4	50.3	75.5
75	44.1	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 37.42 ng

RT: 8.07 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

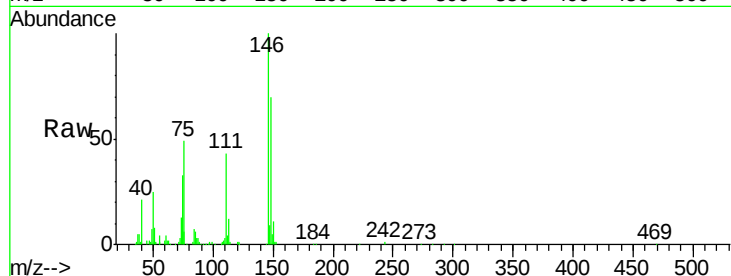
Tgt Ion:146 Resp: 107894

Ion Ratio Lower Upper

146 100

148 69.8 54.5 81.7

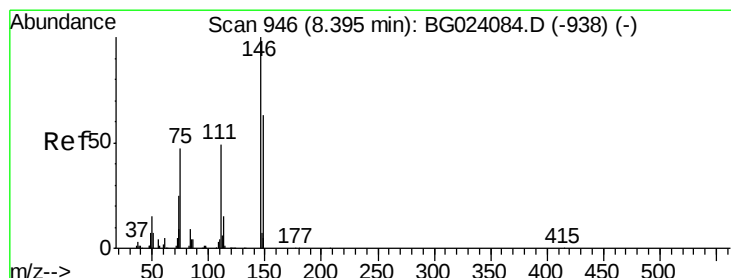
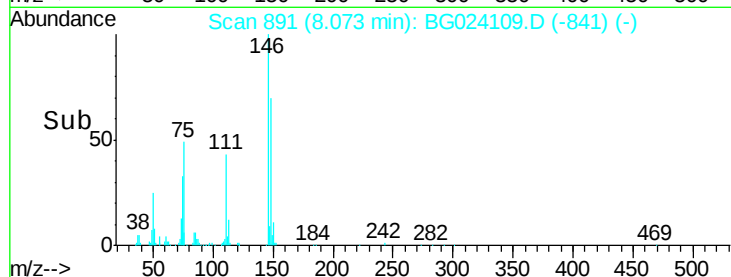
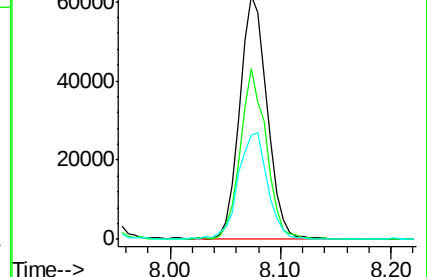
111 42.8 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.68 ng

RT: 8.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

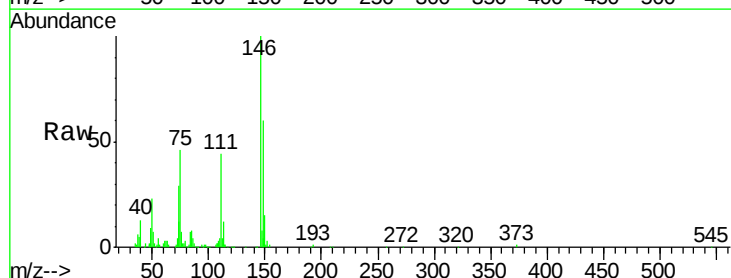
Tgt Ion:146 Resp: 105744

Ion Ratio Lower Upper

146 100

148 60.1 52.9 79.3

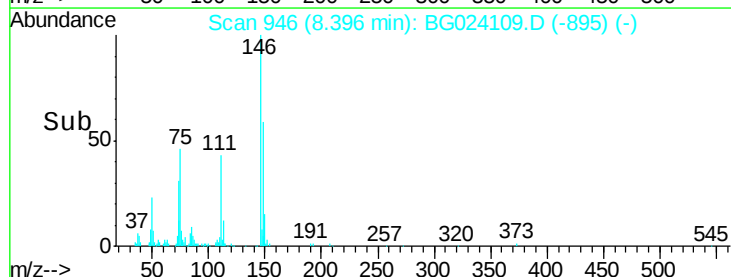
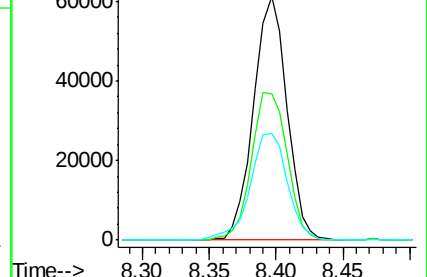
111 43.9 43.5 65.3

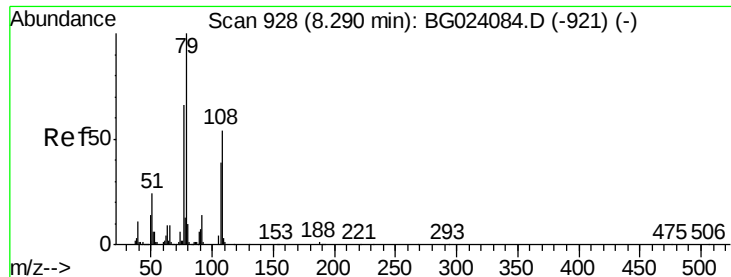


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.80 ng

RT: 8.29 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

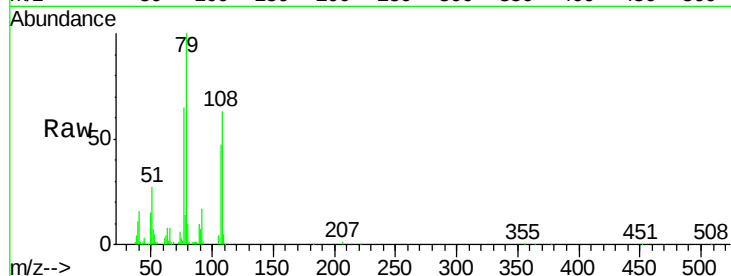
Tgt Ion: 79 Resp: 130299

Ion Ratio Lower Upper

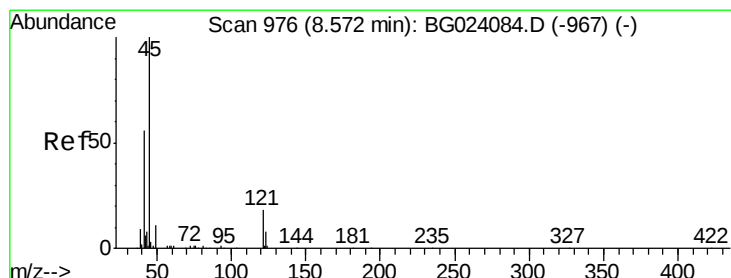
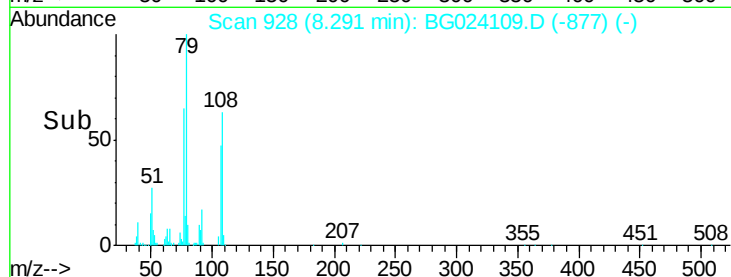
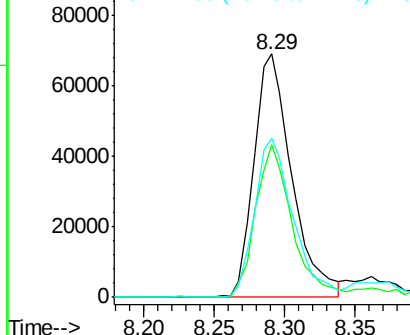
79 100

108 62.8 46.5 69.7

77 65.3 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: 35.78 ng

RT: 8.57 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

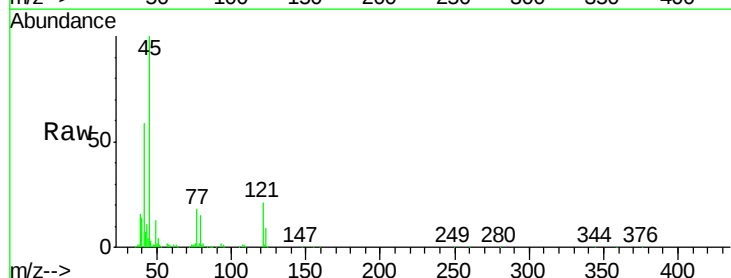
Tgt Ion: 45 Resp: 145850

Ion Ratio Lower Upper

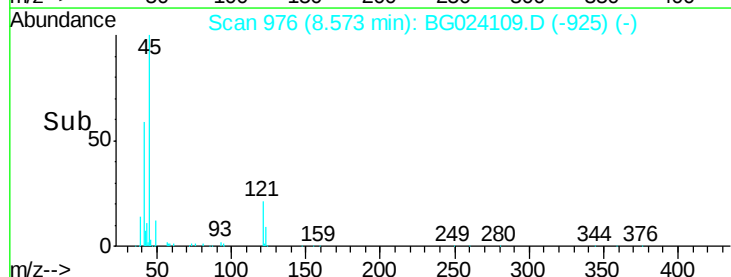
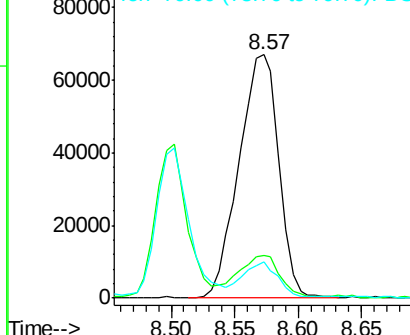
45 100

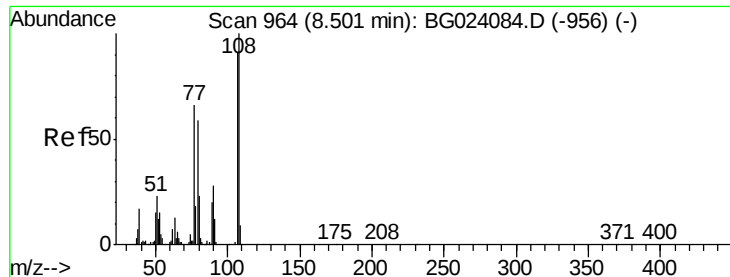
77 17.8 0.6 40.6

79 14.9 0.0 36.2



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

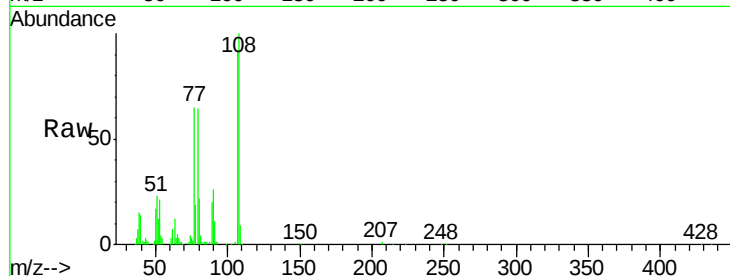




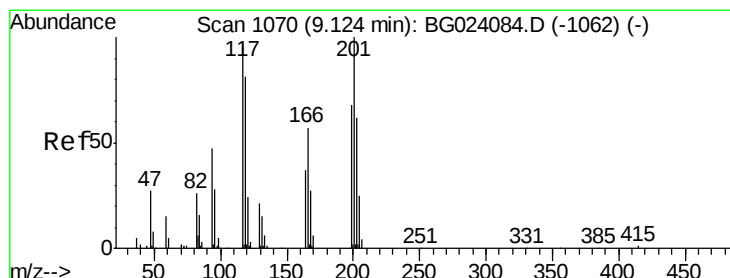
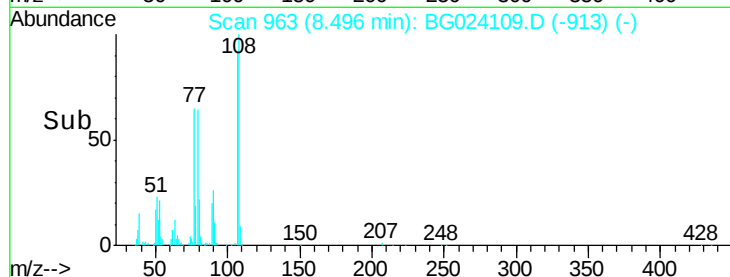
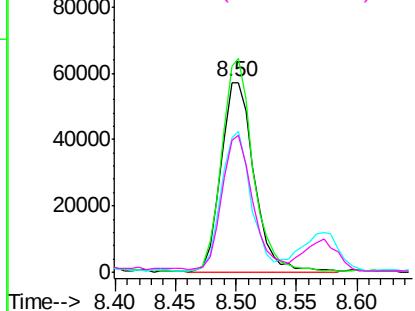
#17
2-Methylphenol
Concen: 43.53 ng
RT: 8.50 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.8	92.0	138.0
77	71.2	55.8	83.6
79	69.5	55.0	82.6

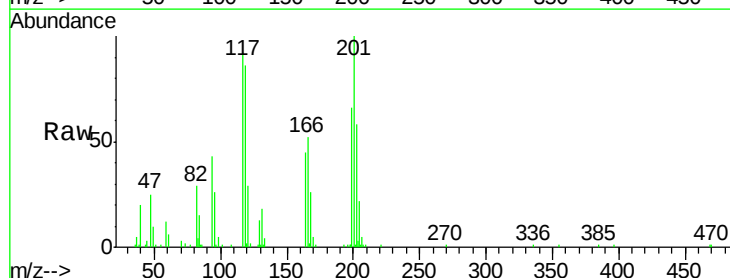


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

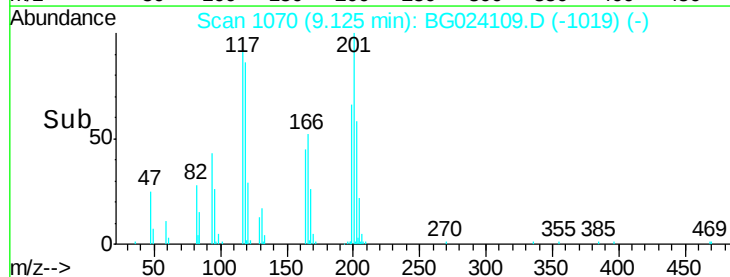
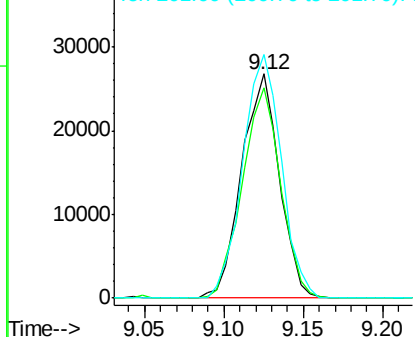


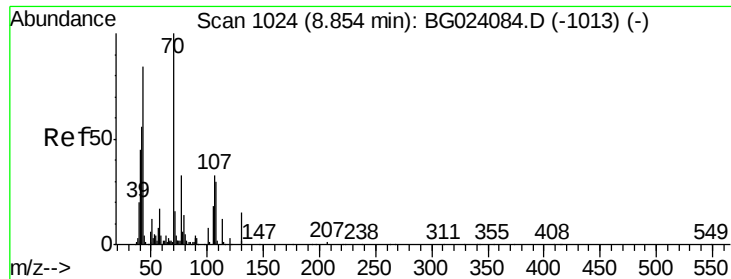
#18
Hexachloroethane
Concen: 36.34 ng
RT: 9.12 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	73.7	110.5
201	108.6	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

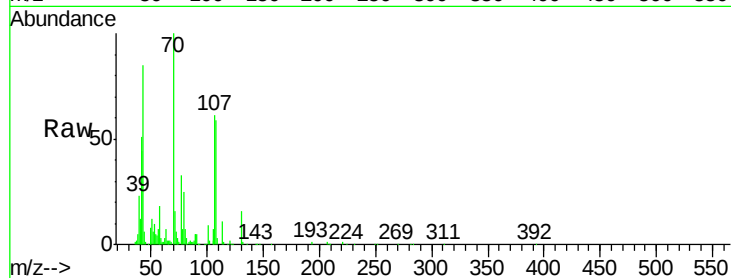




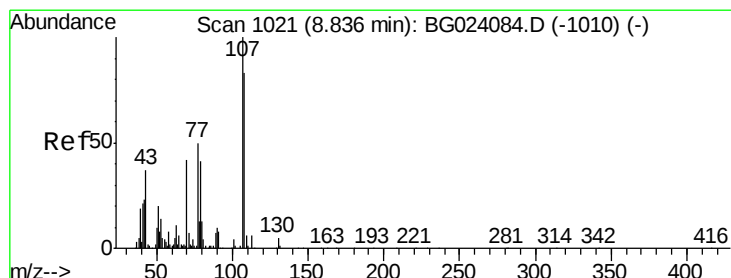
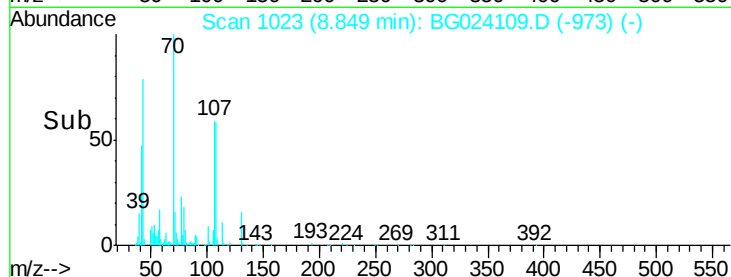
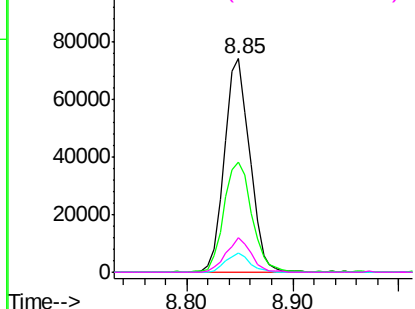
#19
n-Nitroso-di-n-propylamine
Concen: 35.08 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion:	70	Resp:	122697
Ion	Ratio	Lower	Upper
70	100		
42	51.4	42.1	63.1
101	9.2	7.2	10.8
130	16.3	14.2	21.2

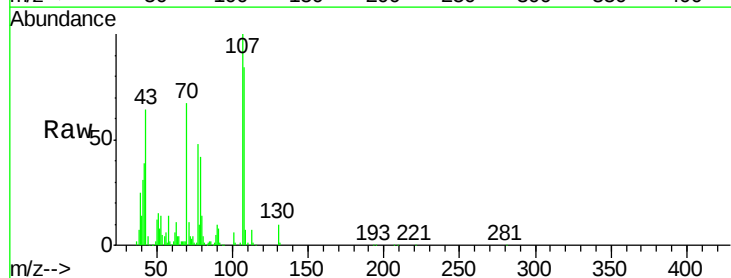


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

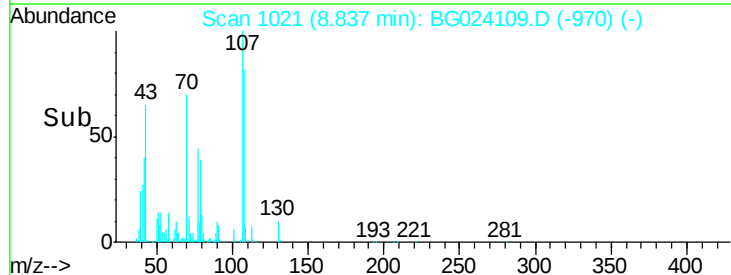
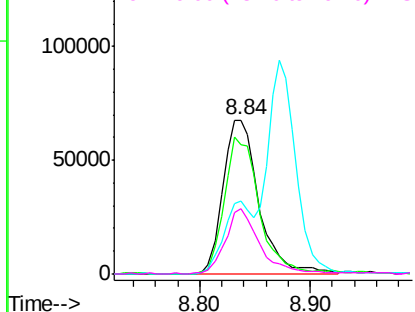


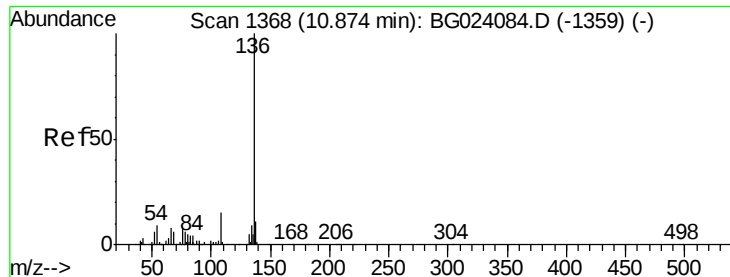
#20
3+4-Methylphenols
Concen: 42.50 ng
RT: 8.84 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion:	107	Resp:	153630
Ion	Ratio	Lower	Upper
107	100		
108	84.3	72.5	112.5
77	47.7	30.1	70.1
79	42.4	24.2	64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

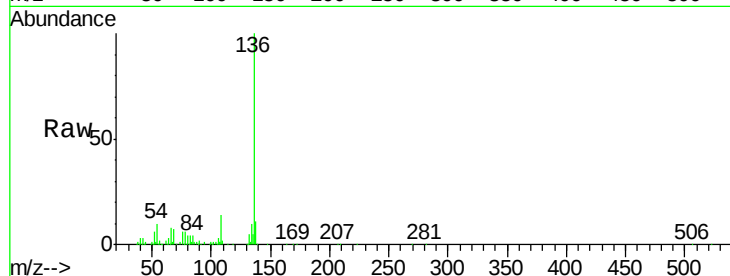




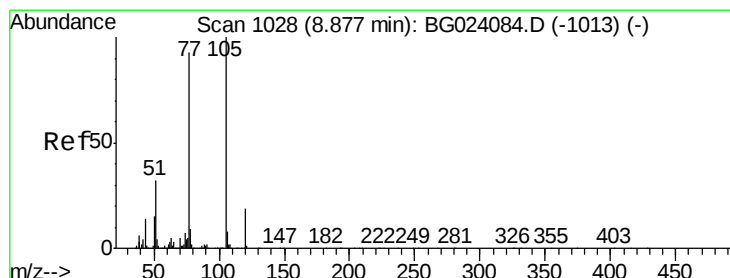
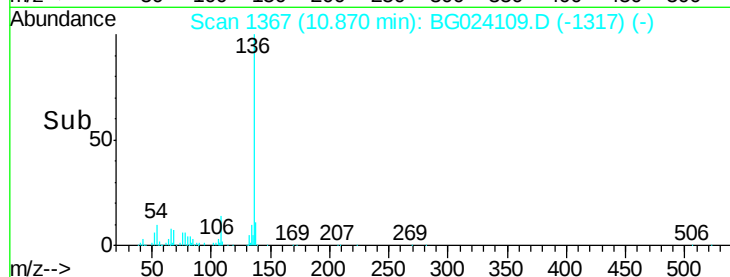
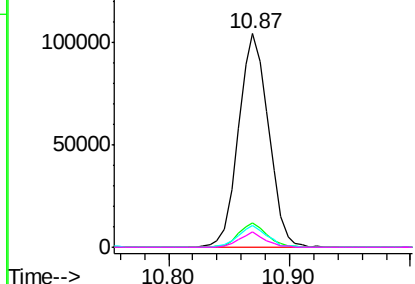
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion:	136	Resp:	180563
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.4	7.3	10.9
68	7.0	5.3	7.9

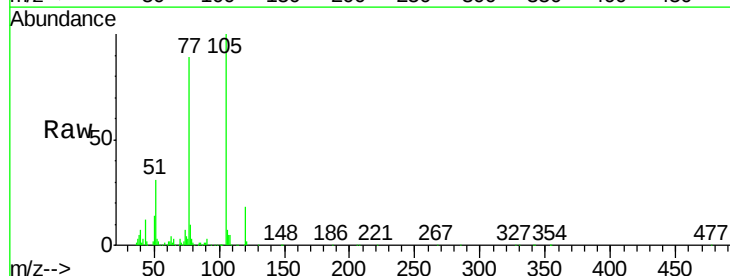


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

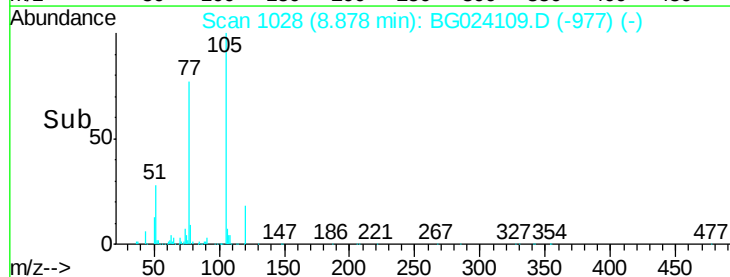
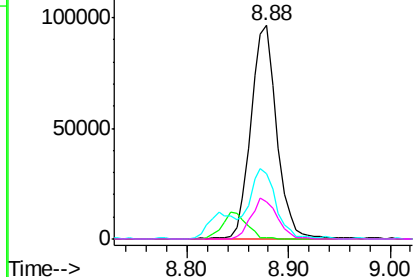


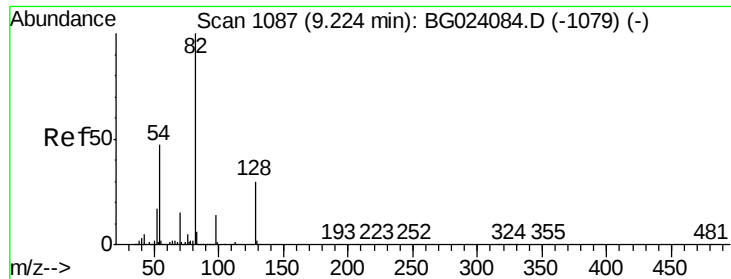
#22
Acetophenone
Concen: 32.81 ng
RT: 8.88 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion:	105	Resp:	170919
Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.6	3.8#
51	30.6	27.1	40.7
120	17.7	15.1	22.7



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

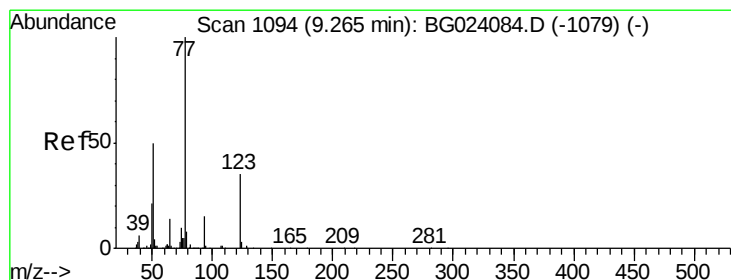
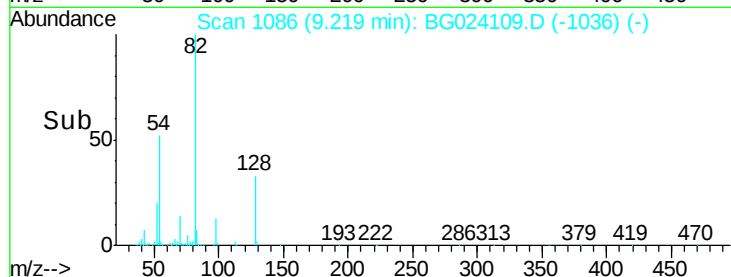
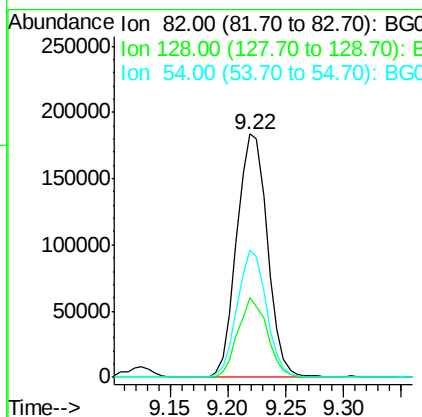
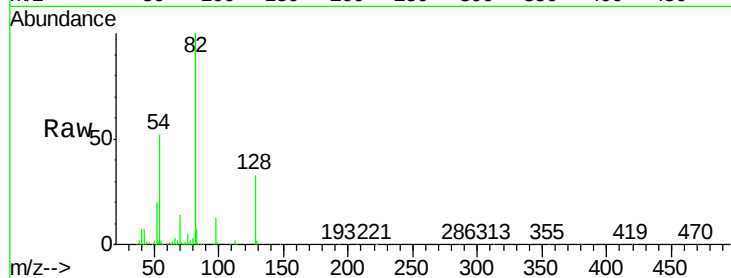




#23
 Nitrobenzene-d5
 Concen: 73.97 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

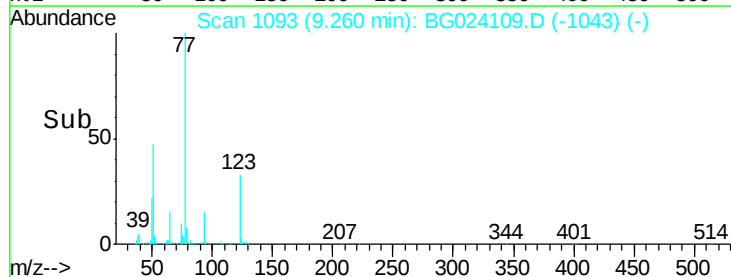
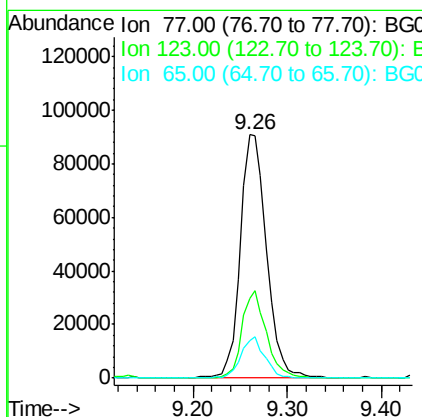
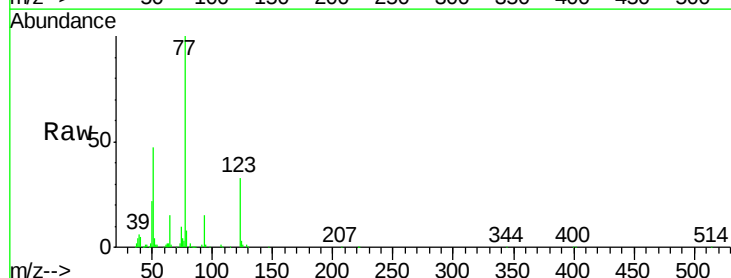
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

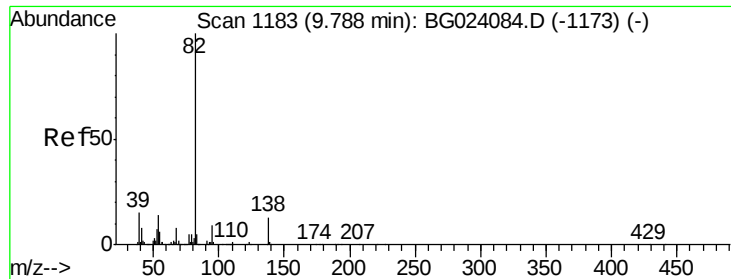
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	52.1	41.4	62.0



#24
 Nitrobenzene
 Concen: 35.91 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.9	25.0	37.6
65	15.2	13.4	20.0





#25

Isophorone

Concen: 35.63 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

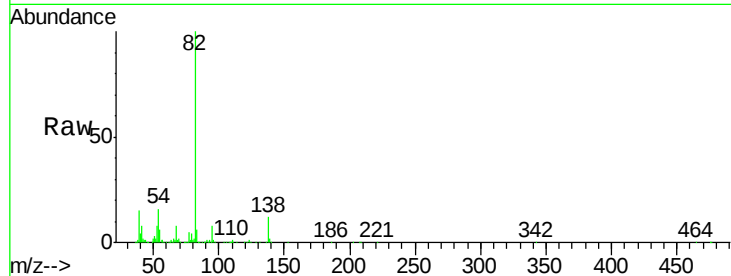
Tgt Ion: 82 Resp: 332976

Ion Ratio Lower Upper

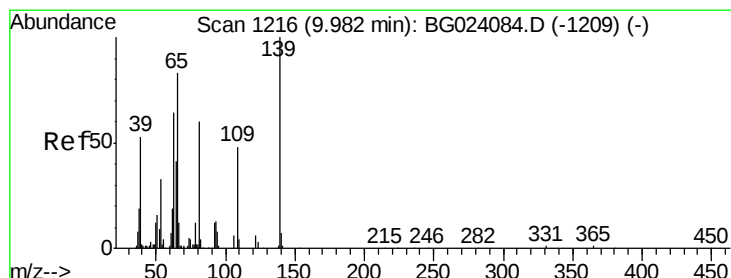
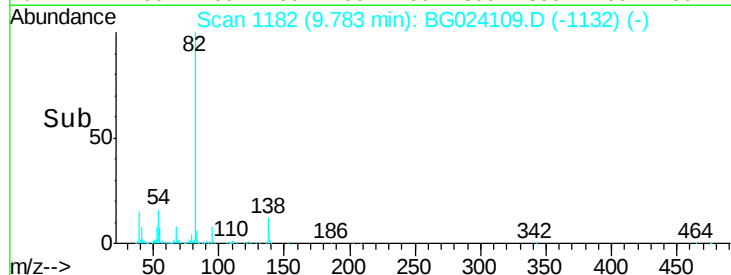
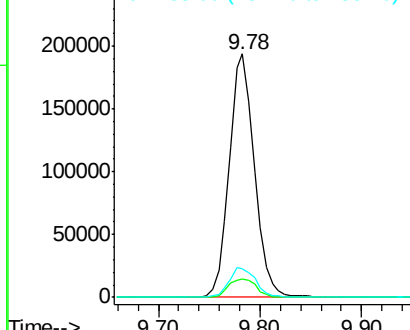
82 100

95 7.6 8.2 12.2#

138 11.8 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: 36.18 ng

RT: 9.98 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

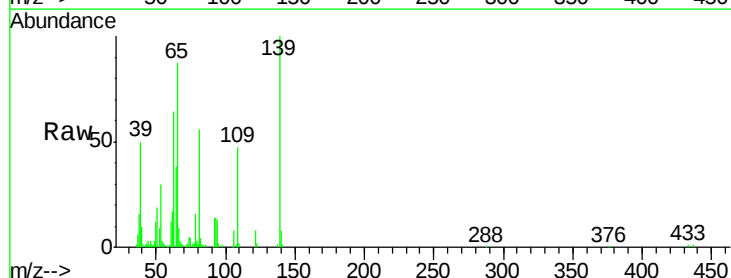
Tgt Ion: 139 Resp: 63026

Ion Ratio Lower Upper

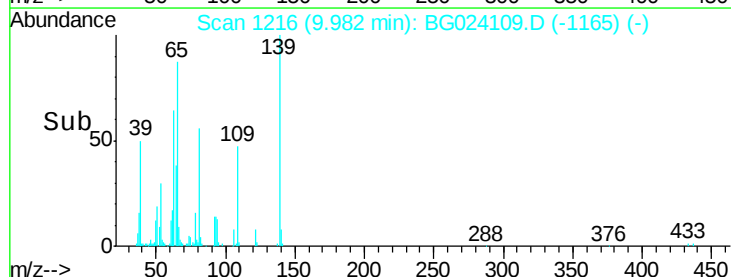
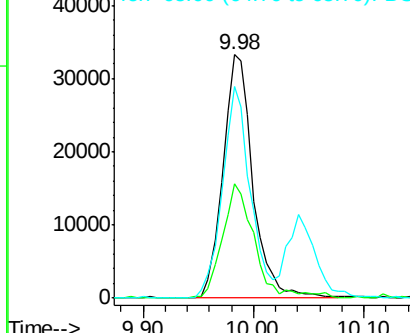
139 100

109 46.8 43.5 65.3

65 86.7 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

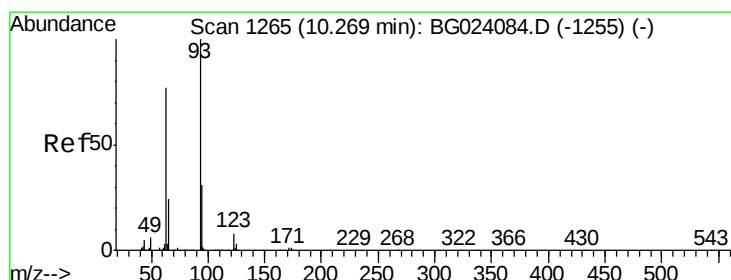
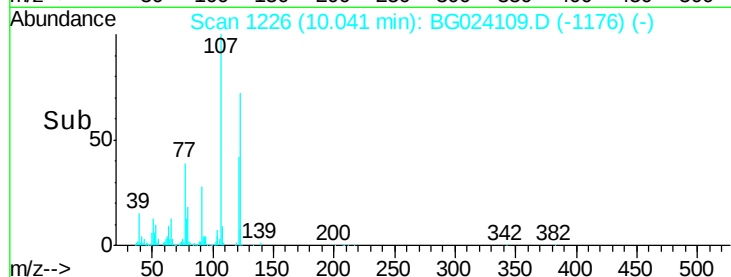
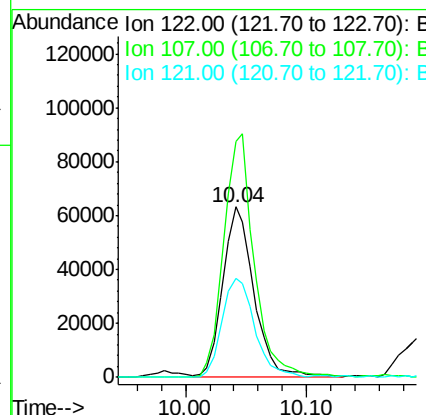
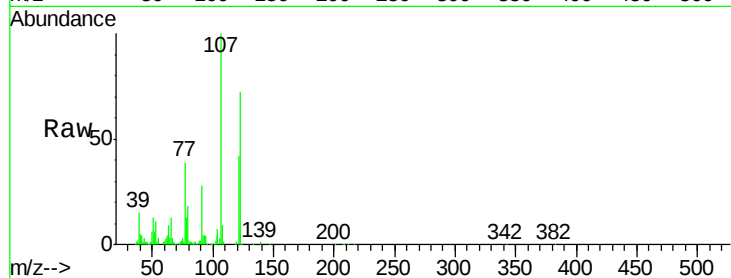




#27
 2,4-Dimethylphenol
 Concen: 38.24 ng
 RT: 10.04 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

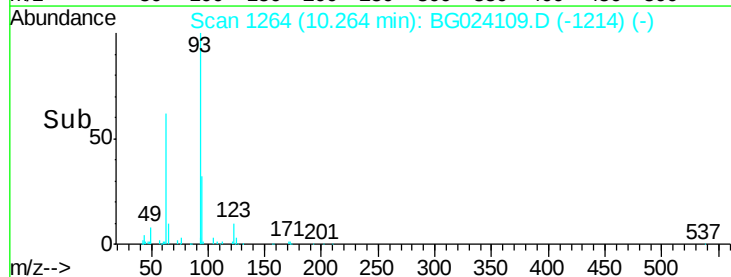
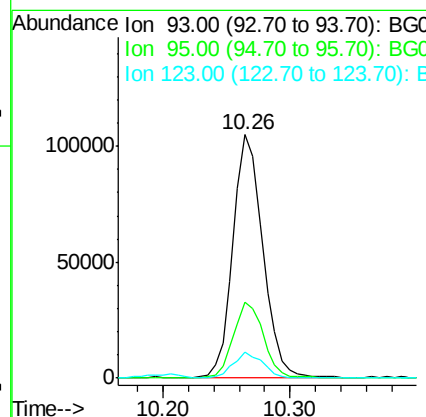
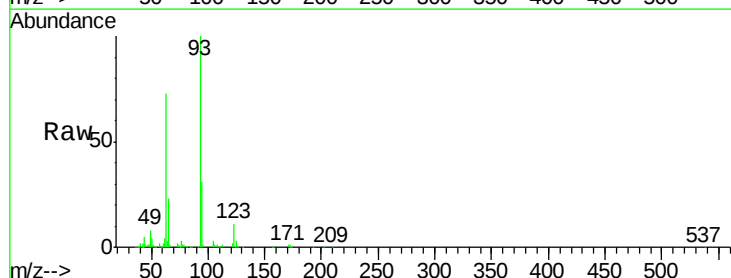
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

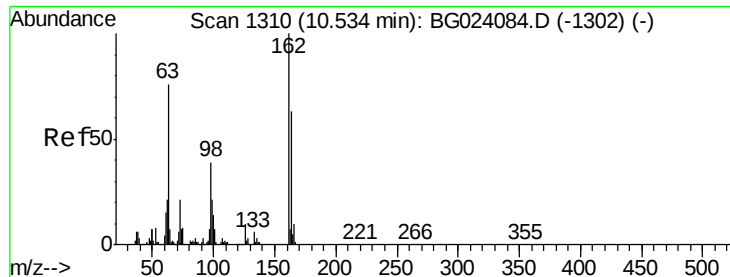
Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.5	117.0	175.4
121	57.7	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.73 ng
 RT: 10.26 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.4	38.2
123	10.5	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 42.90 ng

RT: 10.53 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

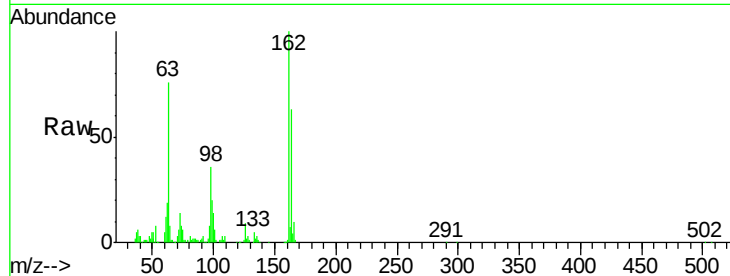
Tgt Ion:162 Resp: 130064

Ion Ratio Lower Upper

162 100

164 63.4 44.3 84.3

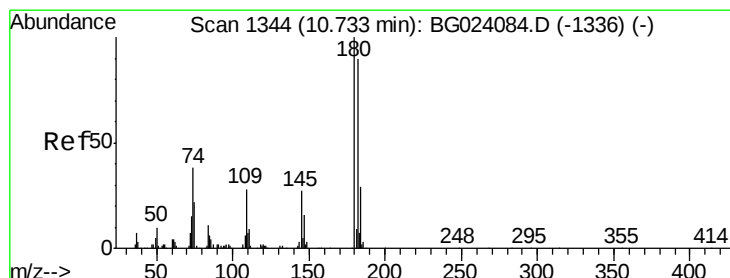
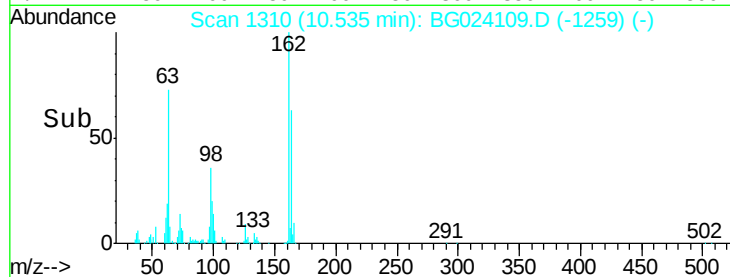
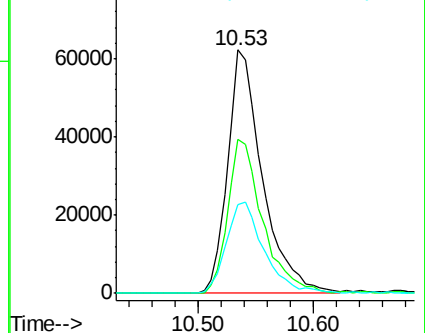
98 36.3 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 37.11 ng

RT: 10.73 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

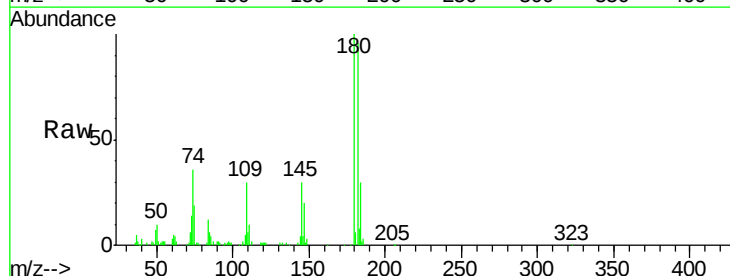
Tgt Ion:180 Resp: 120400

Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.8

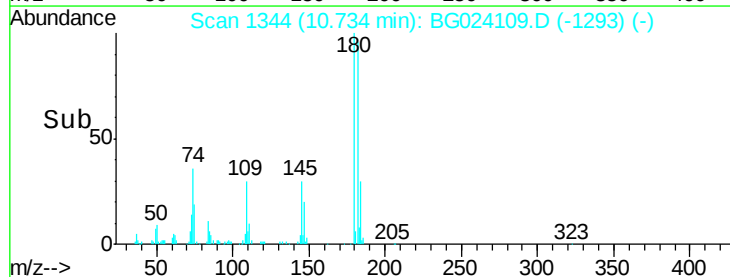
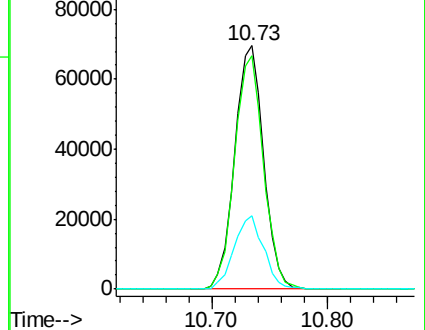
145 30.1 24.4 36.6

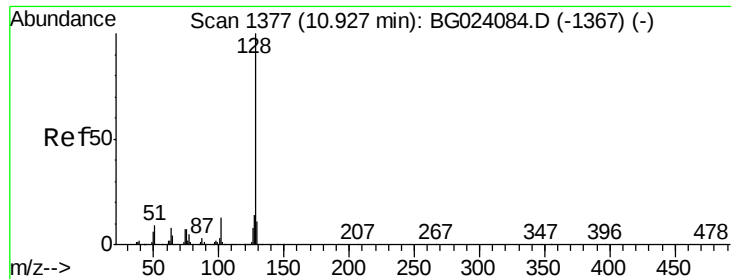


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

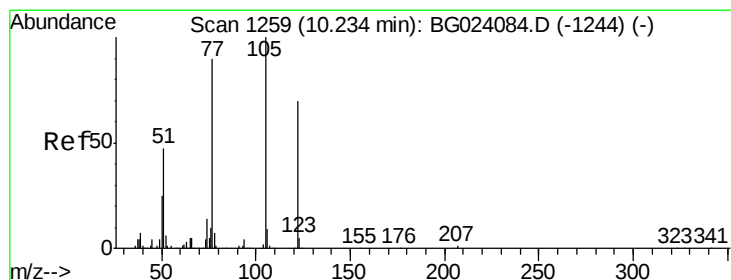
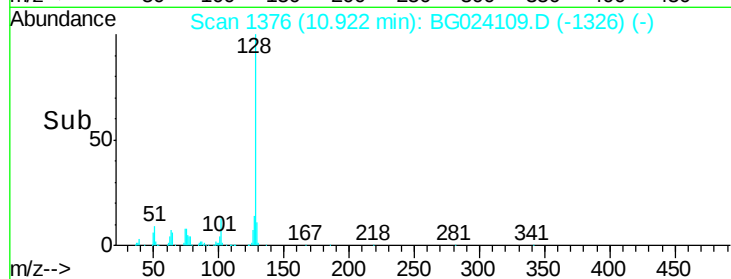
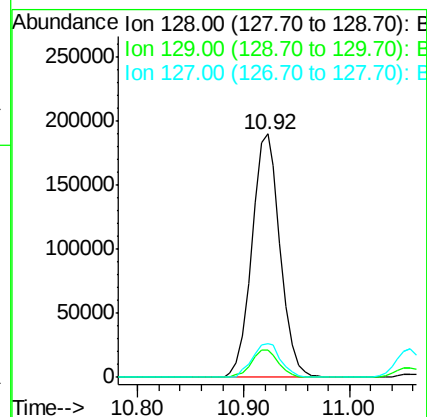
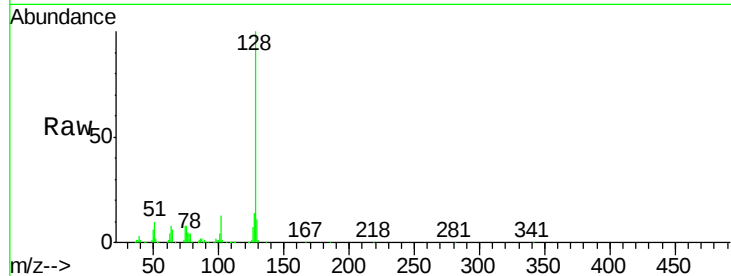




#31
Naphthalene
Concen: 38.36 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

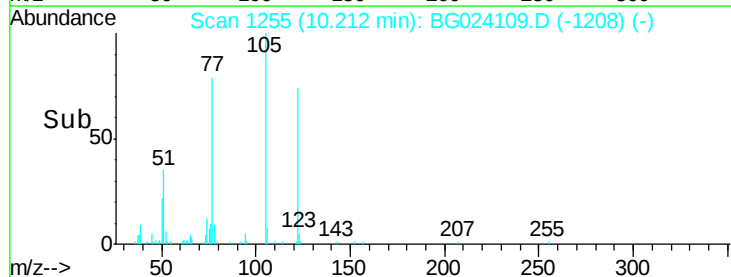
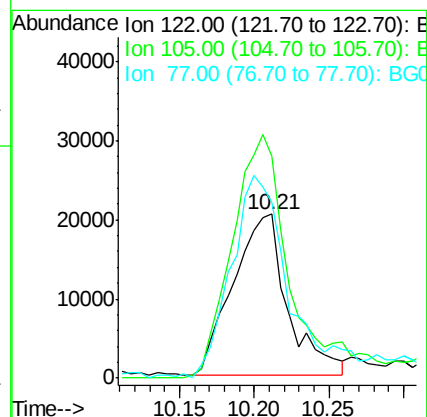
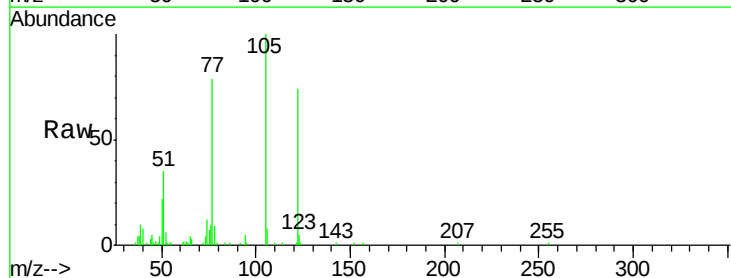
Instrument :
BNA_G
ClientSampleId :
PB93571BS

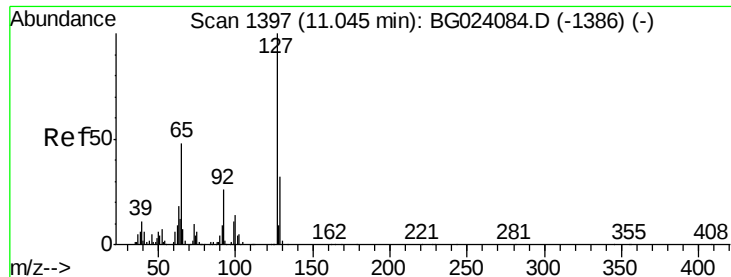
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 25.43 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.6	117.2	157.2
77	107.1	109.2	149.2

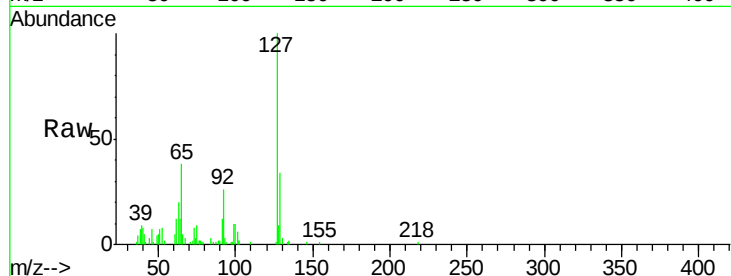




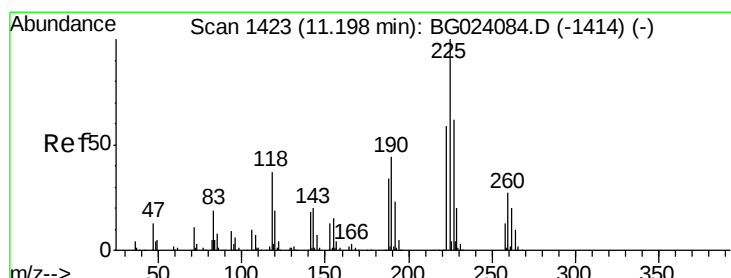
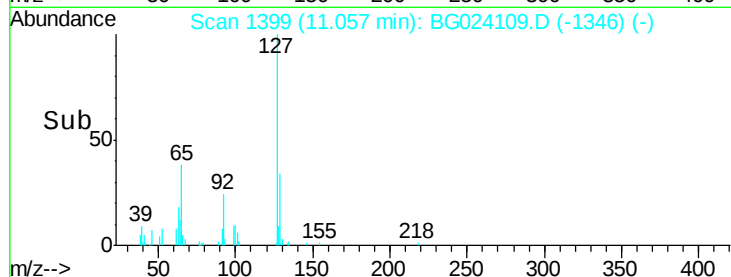
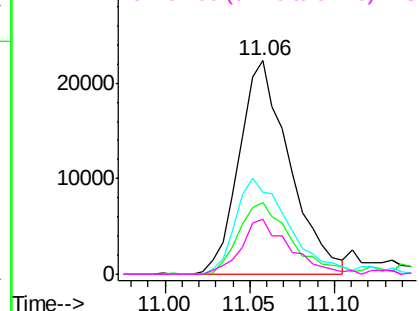
#33
4-Chloroaniline
Concen: 11.35 ng
RT: 11.06 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion:	127	Resp:	46353
Ion	Ratio	Lower	Upper
127	100		
129	33.6	27.9	41.9
65	38.4	36.8	55.2
92	25.7	21.0	31.6

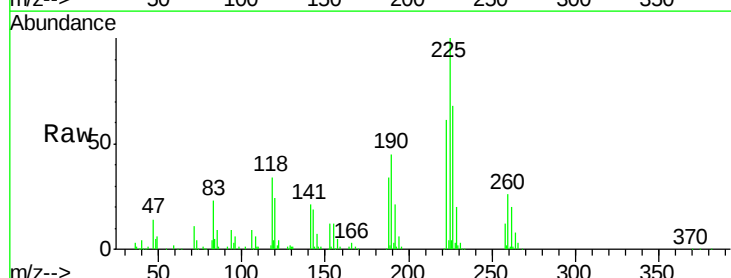


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

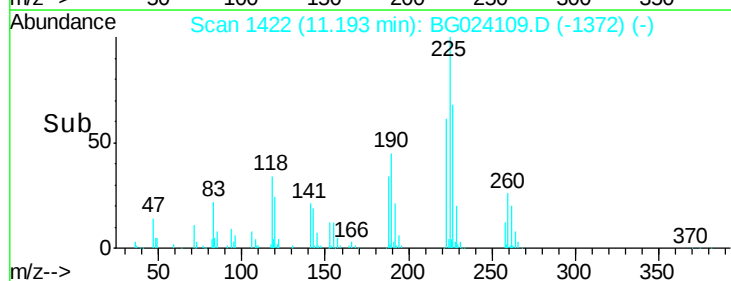
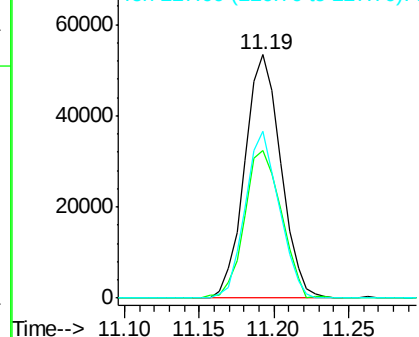


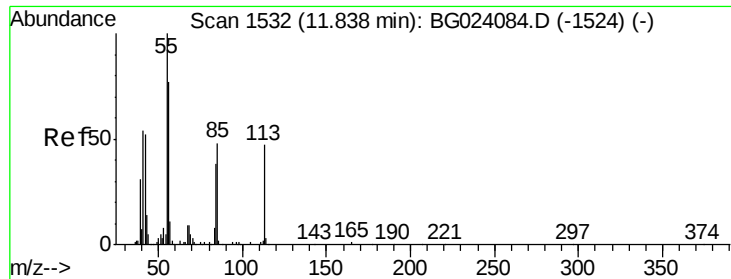
#34
Hexachlorobutadiene
Concen: 34.96 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion:	225	Resp:	89296
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.6	74.4
227	68.3	54.5	81.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

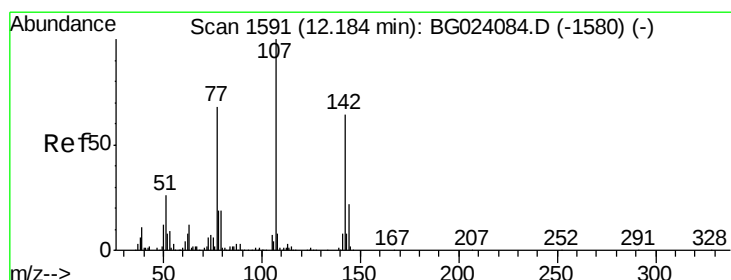
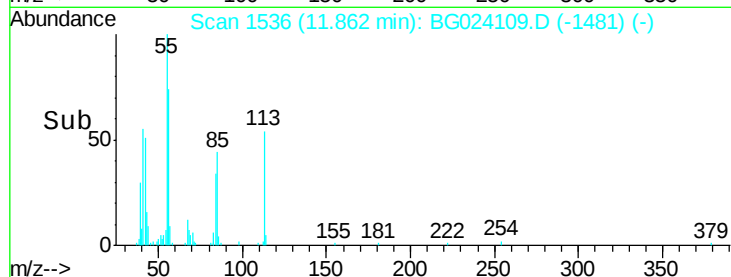
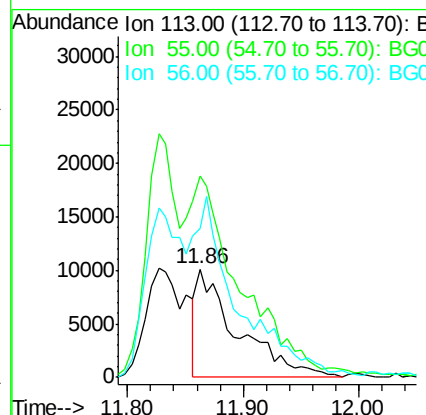
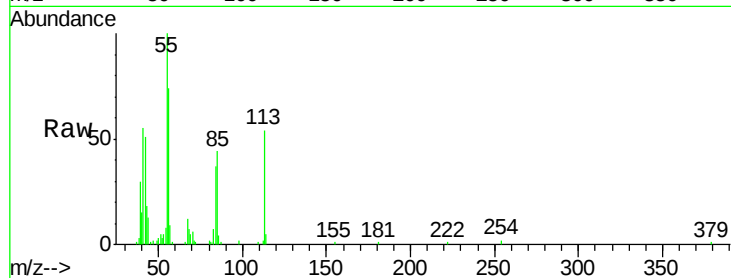




#35
 Caprolactam
 Concen: 19.85 ng
 RT: 11.86 min Scan# 1536
 Delta R.T. 0.02 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

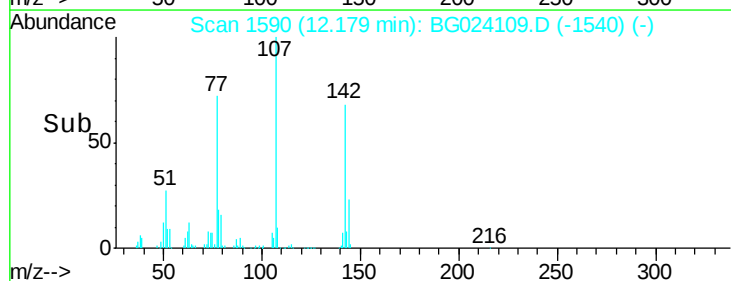
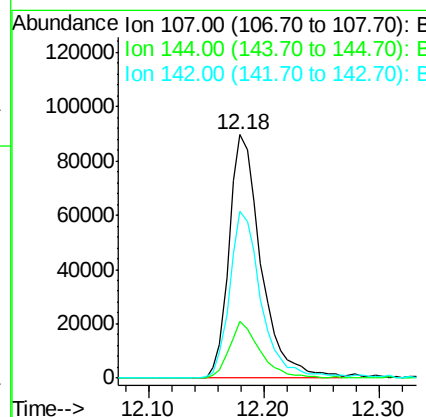
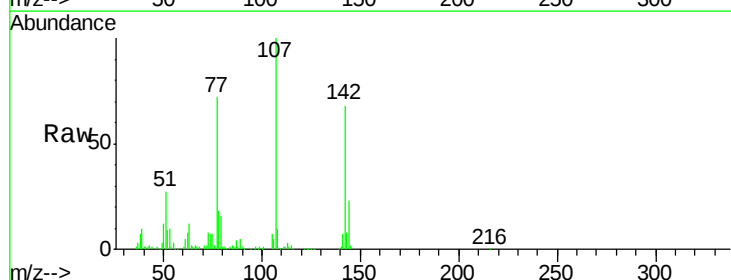
Instrument :
 BNA_G
 ClientSampleID :
 PB93571BS

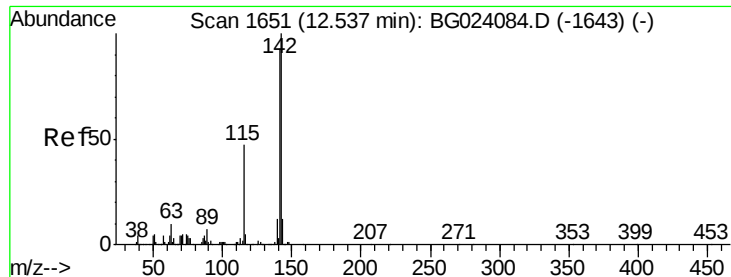
Tgt Ion:113 Resp: 24479
 Ion Ratio Lower Upper
 113 100
 55 186.4 154.5 194.5
 56 138.5 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.29 ng
 RT: 12.18 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion:107 Resp: 171865
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.0 25.6
 142 68.3 53.0 79.6

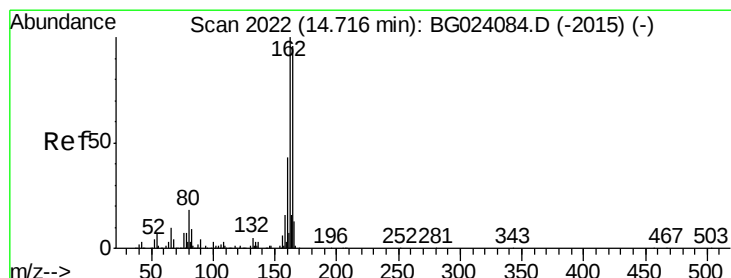
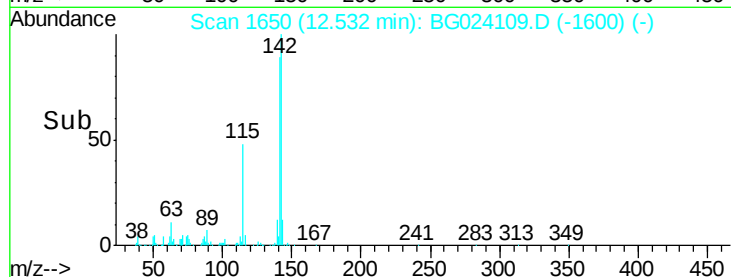
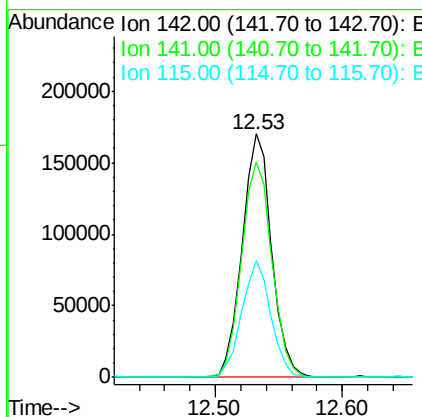
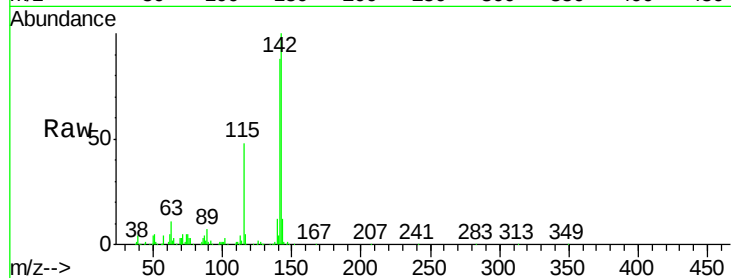




#37
 2-Methylnaphthalene
 Concen: 39.15 ng
 RT: 12.53 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

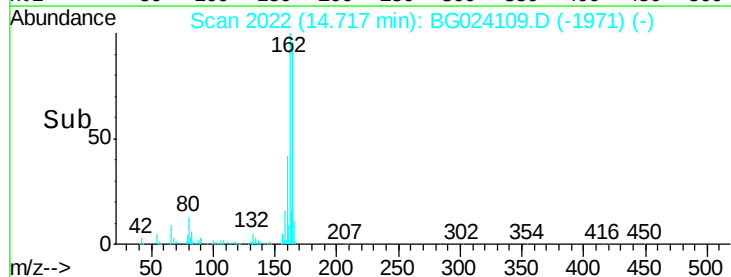
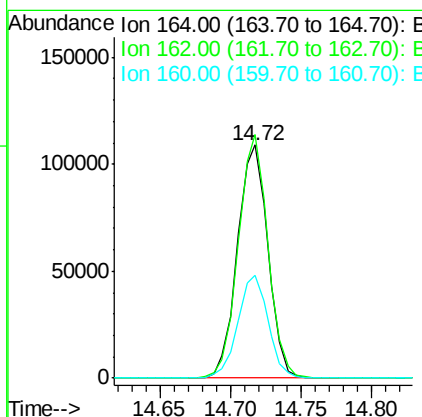
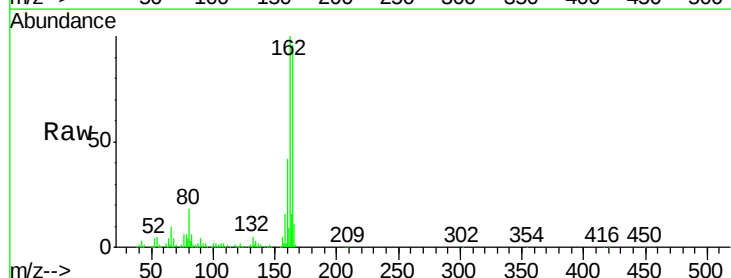
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

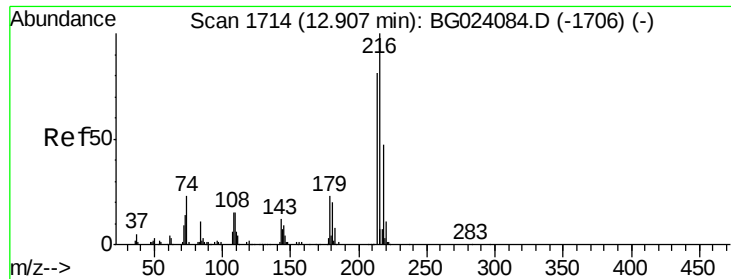
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.2	105.2
115	48.0	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	87.7	131.5
160	44.2	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.18 ng

RT: 12.90 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

Tgt Ion:216 Resp: 144369

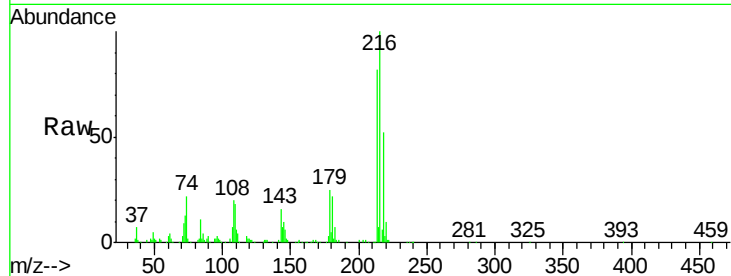
Ion Ratio Lower Upper

216 100

214 78.4 62.9 94.3

179 21.9 17.2 25.8

108 22.6 16.3 24.5

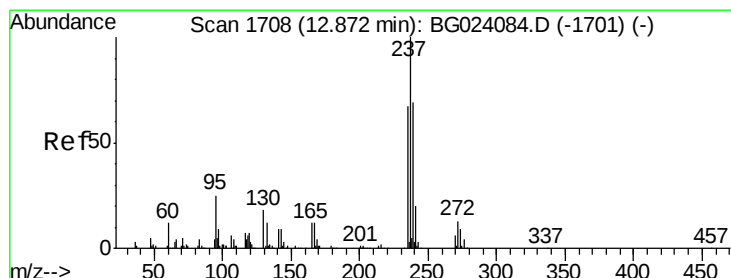
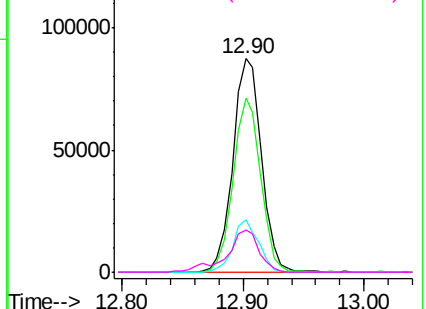
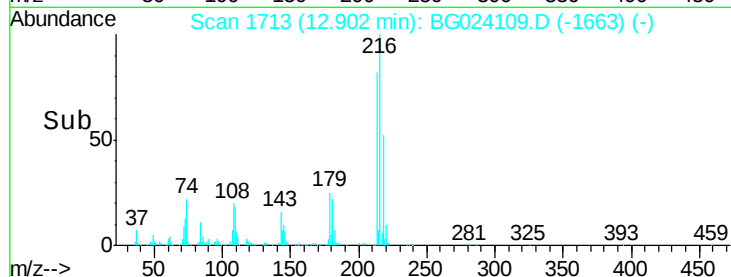


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 63.09 ng

RT: 12.87 min Scan# 1707

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

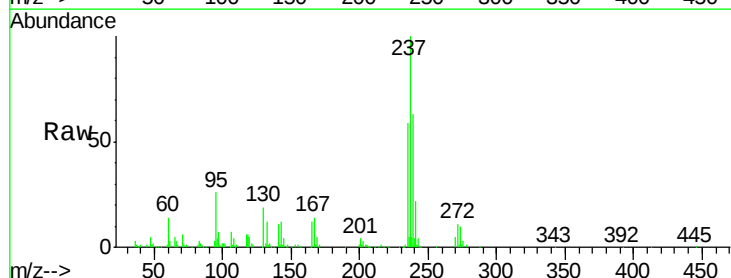
Tgt Ion:237 Resp: 133531

Ion Ratio Lower Upper

237 100

235 59.2 43.1 83.1

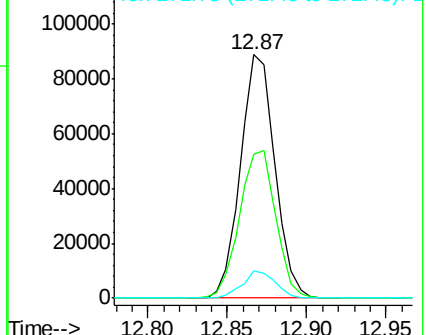
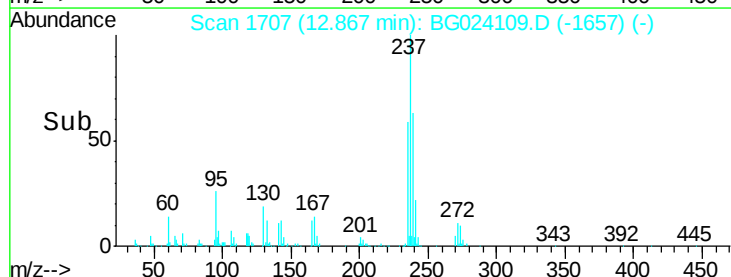
272 11.2 0.0 30.9

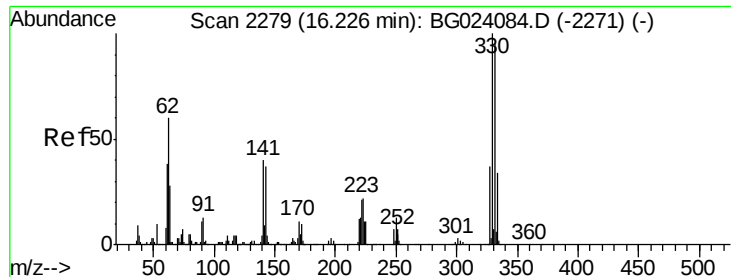


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

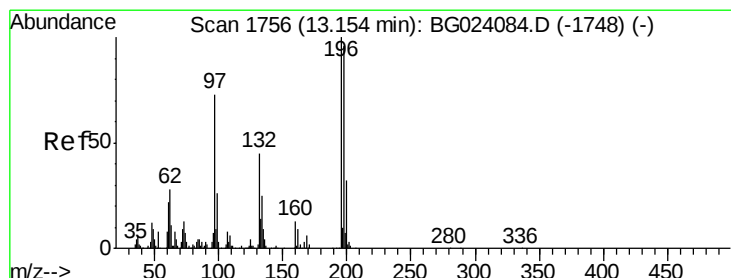
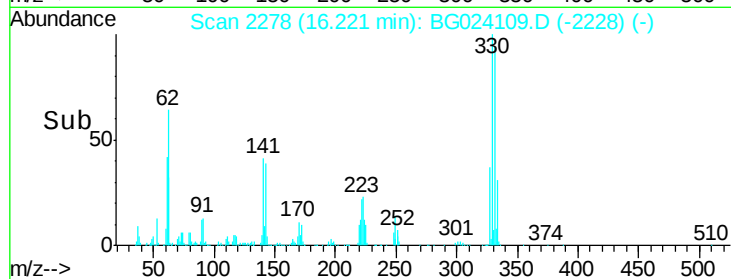
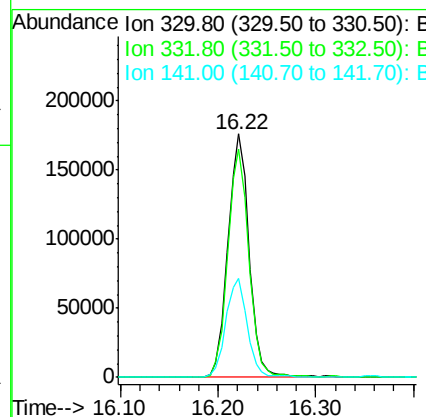
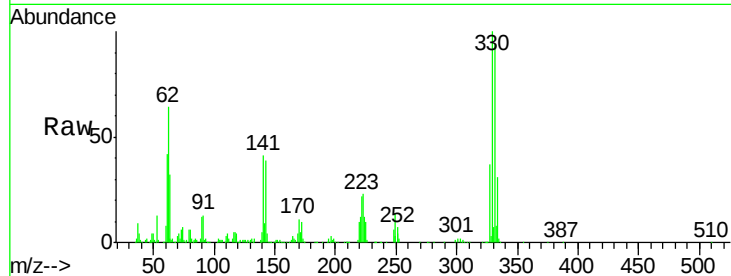




#41
 2,4,6-Tribromophenol
 Concen: 112.71 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

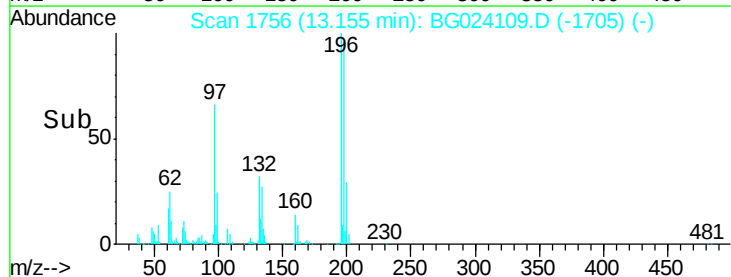
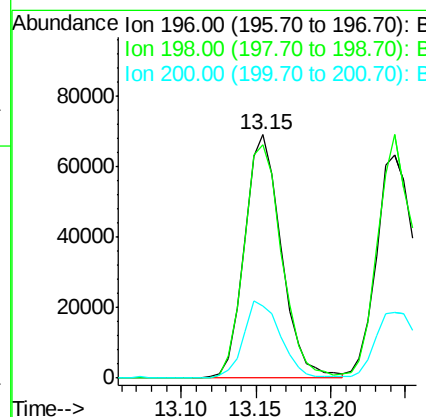
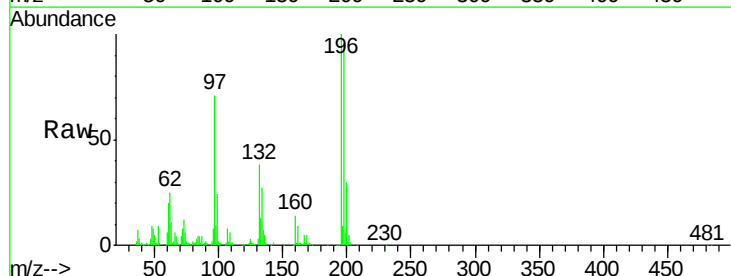
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

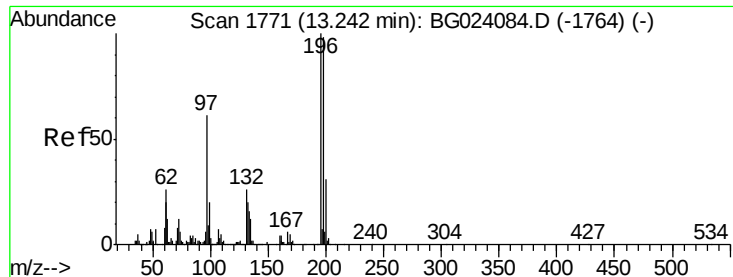
Tgt Ion:330 Resp: 265461
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.4 116.2
 141 40.9 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 38.19 ng
 RT: 13.15 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion:196 Resp: 118138
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.2 117.2
 200 29.6 27.0 40.4

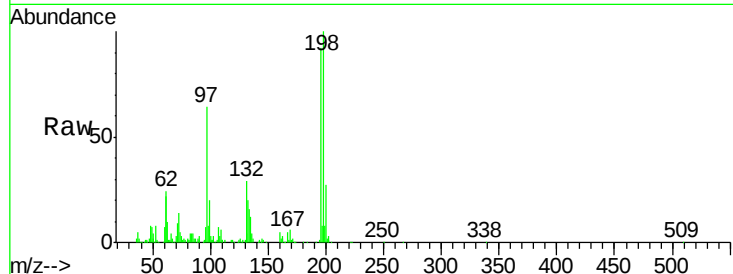




#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 13.24 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	108.9	85.7	128.5
97	69.9	45.5	68.3#
132	31.2	18.9	28.3#



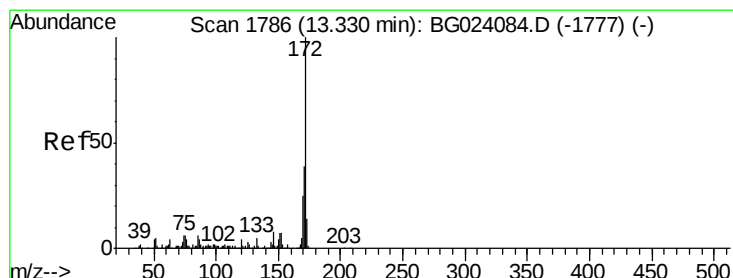
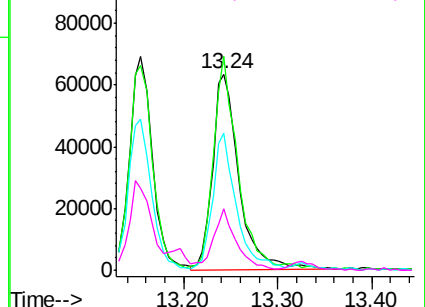
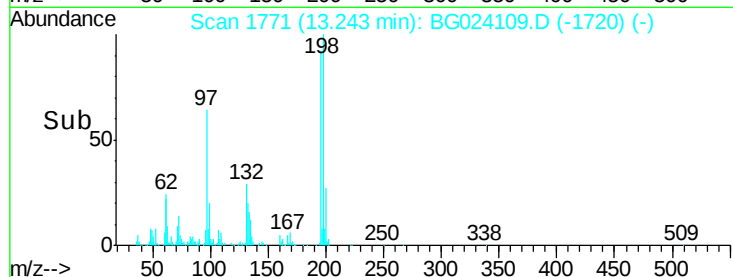
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

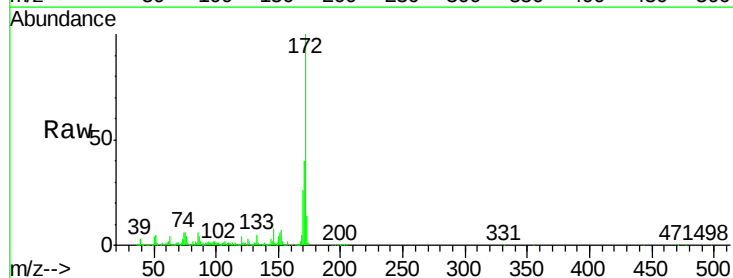
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	31.6	47.4
170	26.0	21.3	31.9

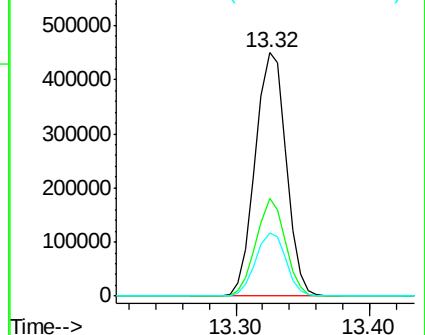
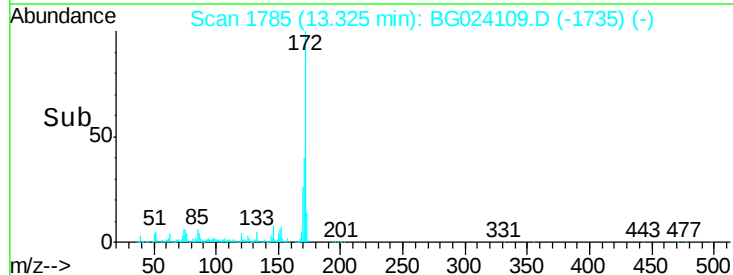


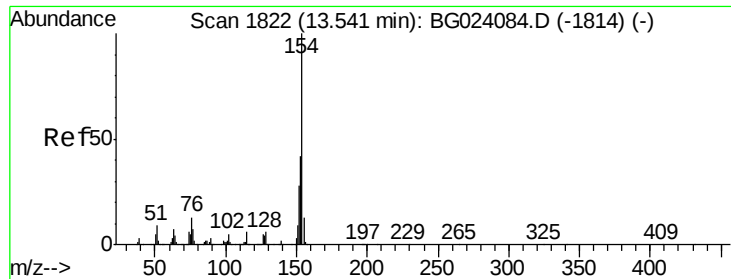
Abundance

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: 32.00 ng

RT: 13.54 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

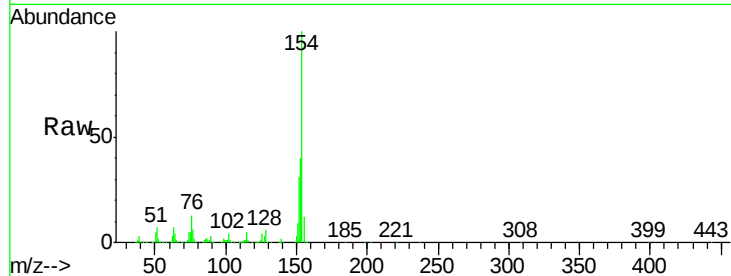
Tgt Ion:154 Resp: 358521

Ion Ratio Lower Upper

154 100

153 39.6 20.2 60.2

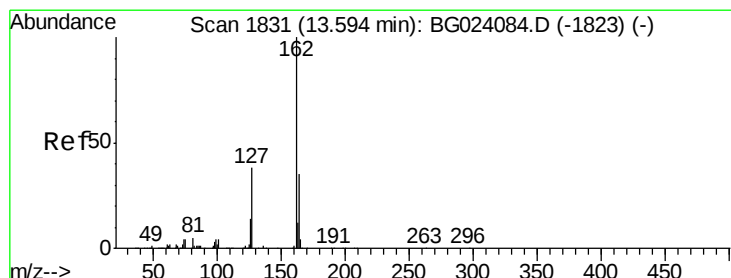
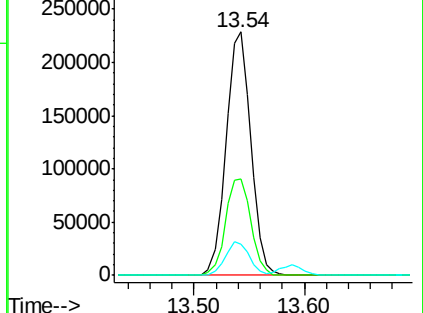
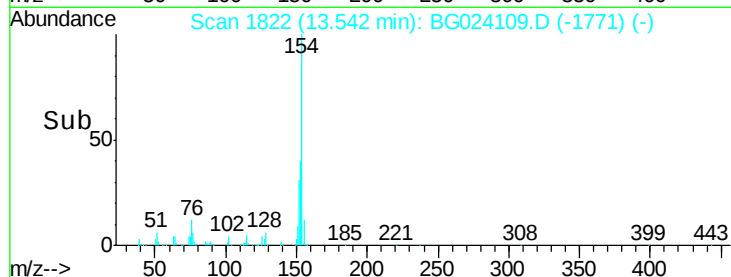
76 12.8 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 37.50 ng

RT: 13.59 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

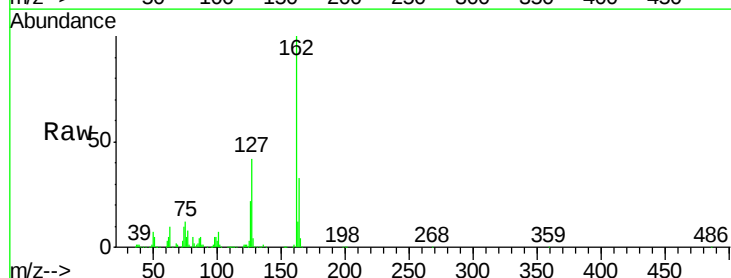
Tgt Ion:162 Resp: 313742

Ion Ratio Lower Upper

162 100

127 42.2 32.4 48.6

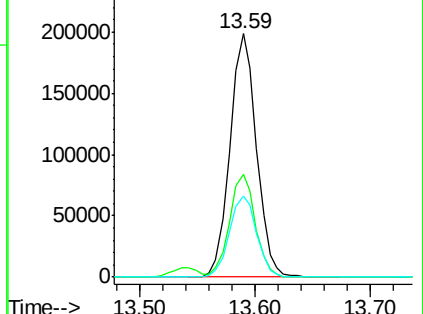
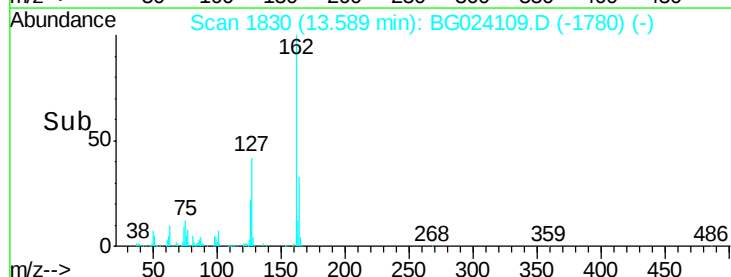
164 33.1 25.2 37.8

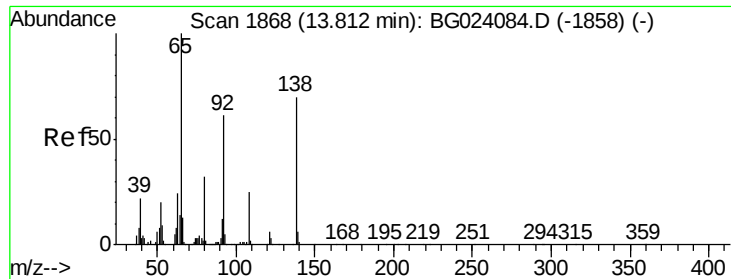


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

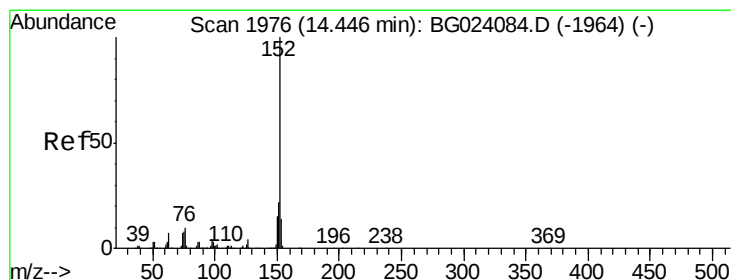
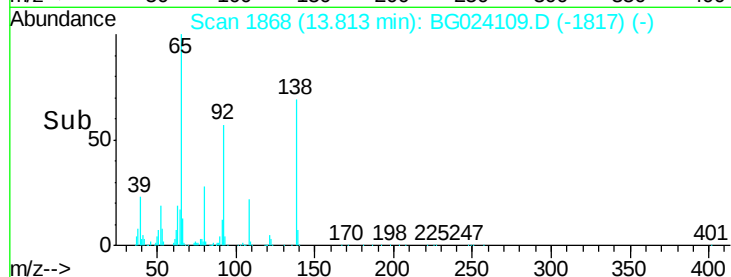
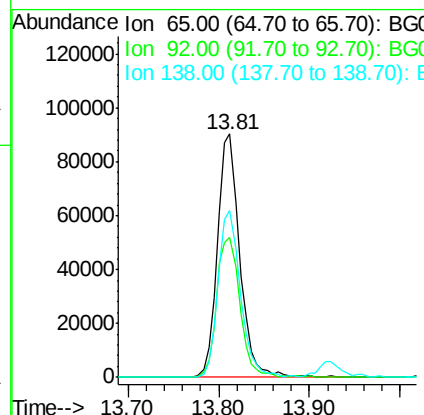
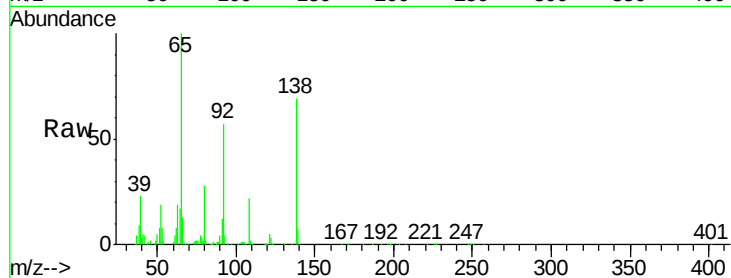




#47
 2-Nitroaniline
 Concen: 39.45 ng
 RT: 13.81 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

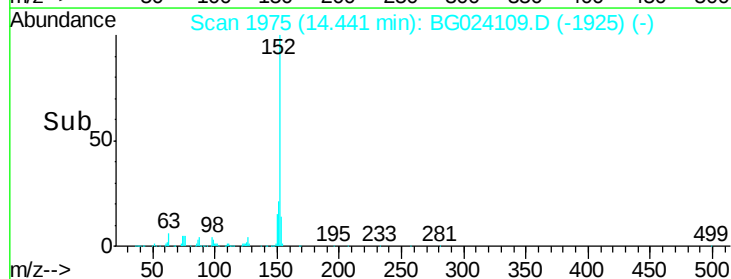
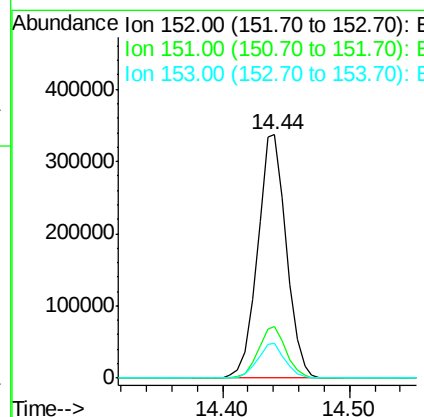
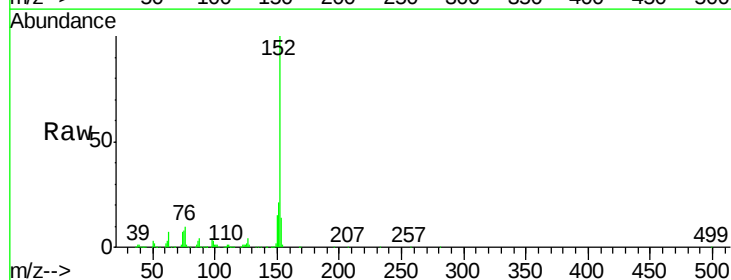
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

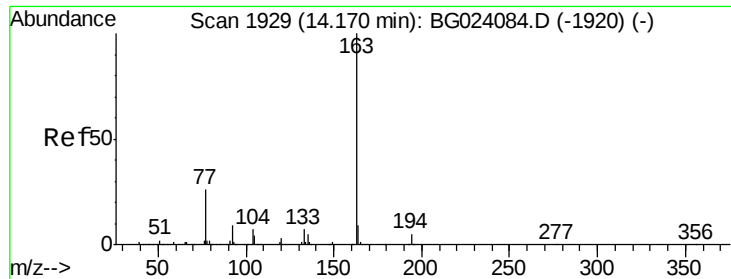
Tgt Ion: 65 Resp: 153572
 Ion Ratio Lower Upper
 65 100
 92 57.4 49.4 74.0
 138 68.6 58.0 87.0



#48
 Acenaphthylene
 Concen: 37.38 ng
 RT: 14.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion: 152 Resp: 530949
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.6 26.4
 153 14.2 11.4 17.2





#49

Dimethylphthalate

Concen: 38.52 ng

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

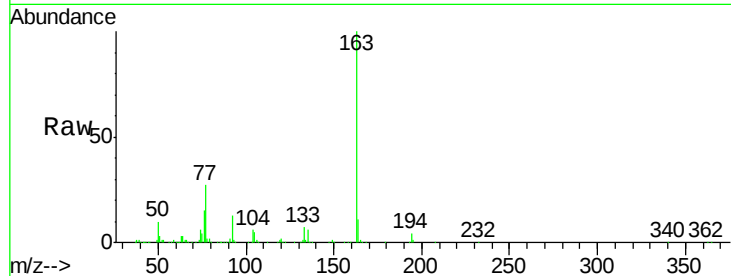
Tgt Ion:163 Resp: 484206

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

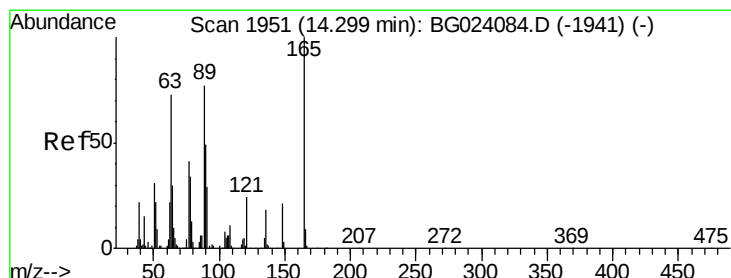
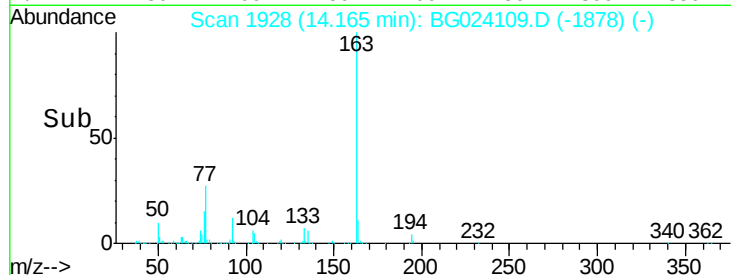
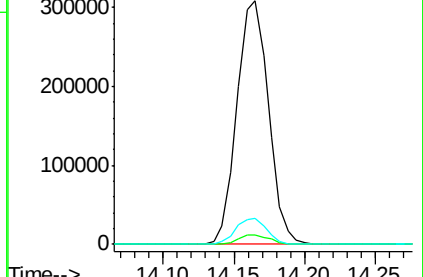
164 10.7 8.1 12.1



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: 39.12 ng

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

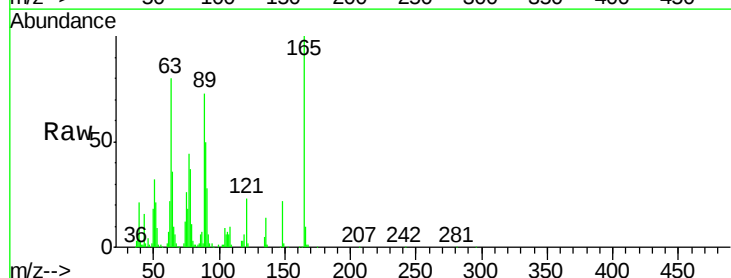
Tgt Ion:165 Resp: 103292

Ion Ratio Lower Upper

165 100

63 80.3 64.3 96.5

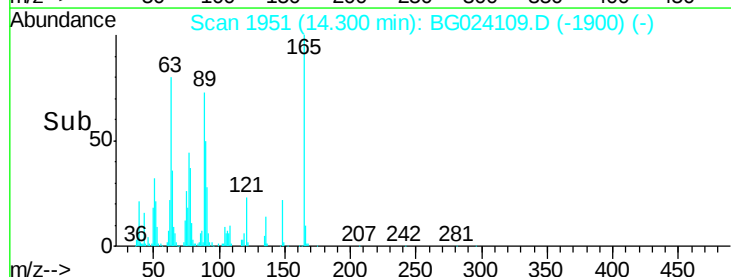
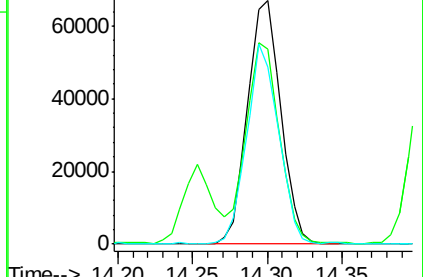
89 73.0 64.3 96.5

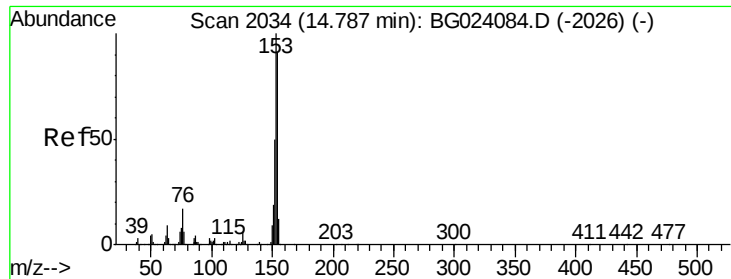


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.50 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

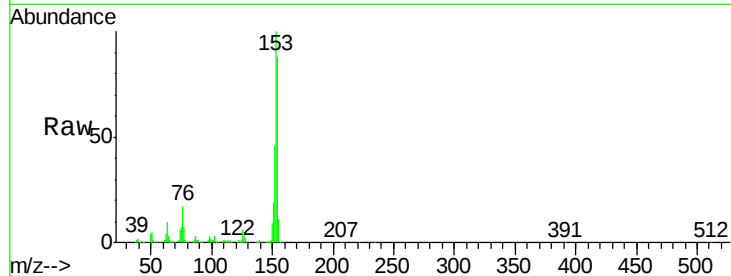
Tgt Ion:154 Resp: 331640

Ion Ratio Lower Upper

154 100

153 114.0 87.5 131.3

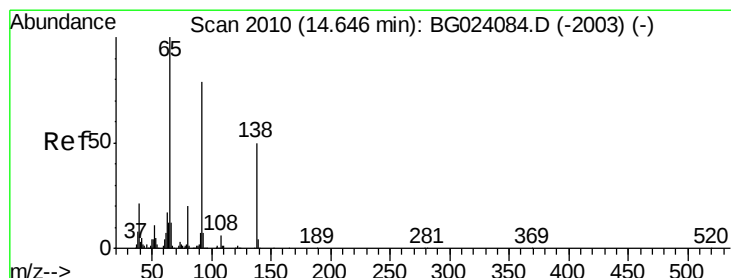
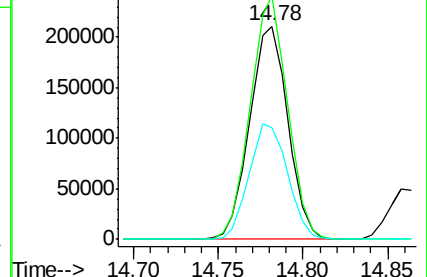
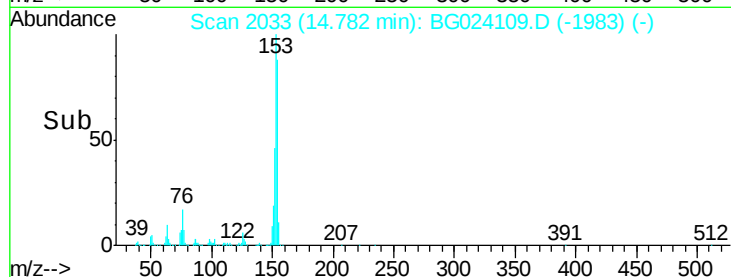
152 52.4 42.7 64.1



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: 17.04 ng

RT: 14.65 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

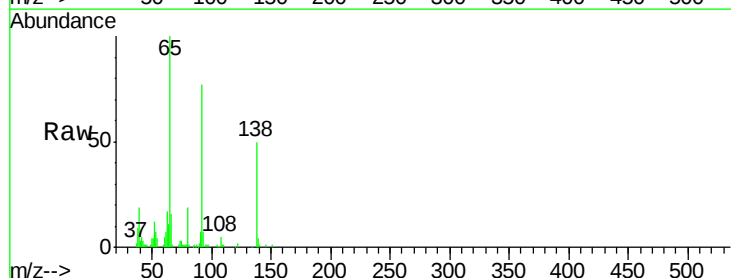
Tgt Ion:138 Resp: 44924

Ion Ratio Lower Upper

138 100

108 10.7 11.7 17.5#

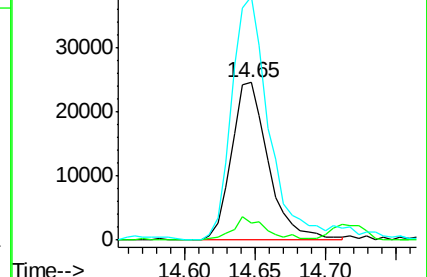
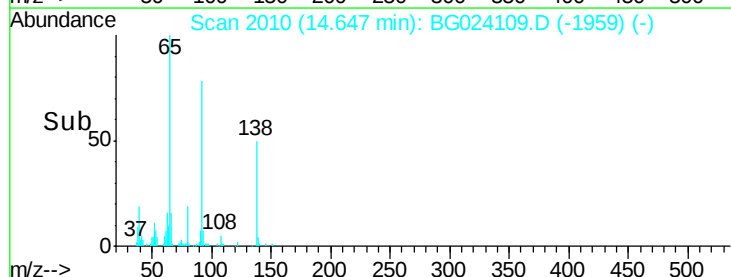
92 154.8 129.7 194.5

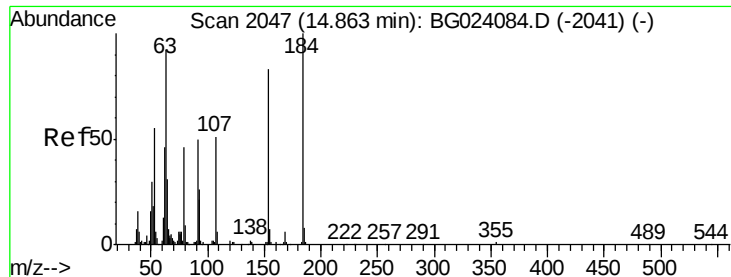


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

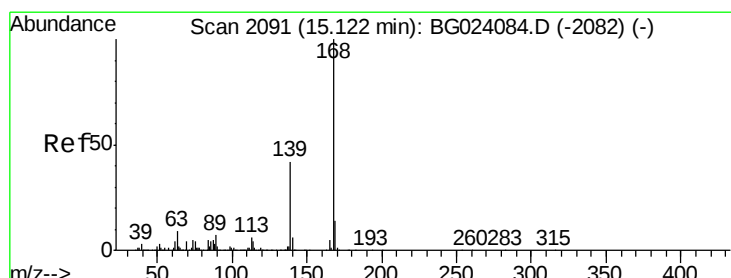
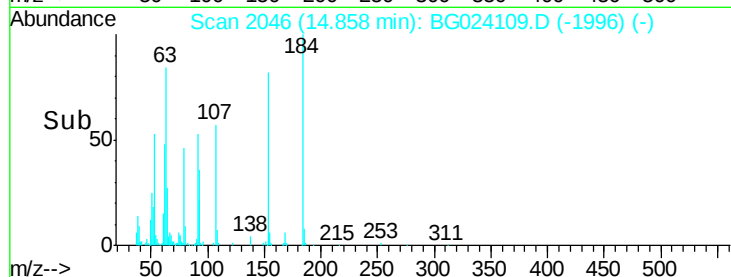
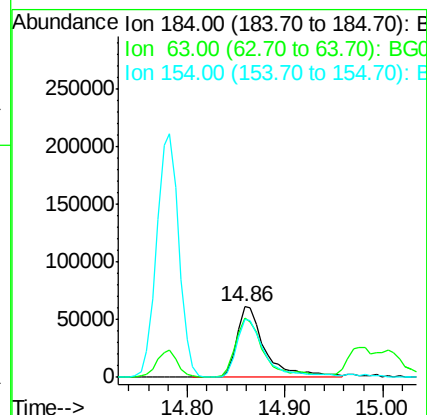
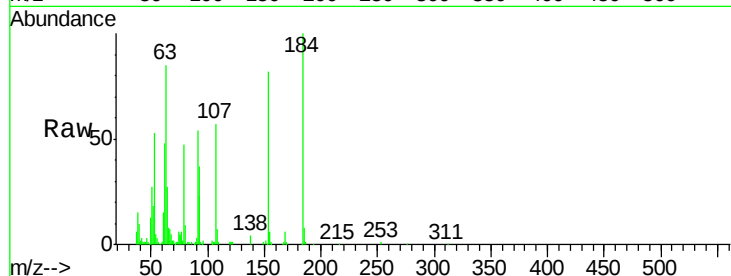




#53
2,4-Dinitrophenol
Concen: 67.54 ng
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

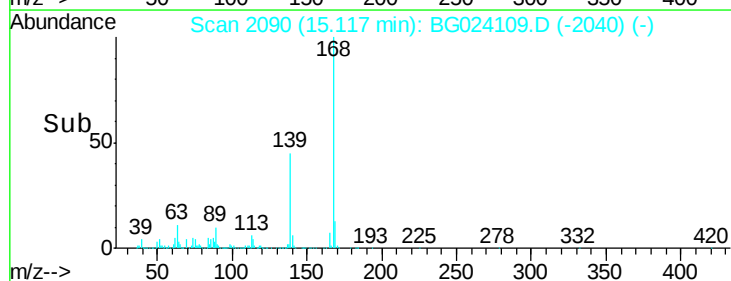
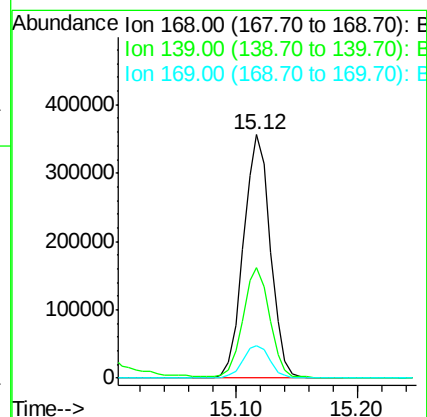
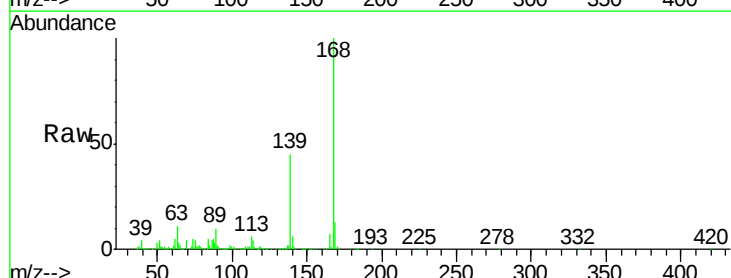
Instrument :
BNA_G
ClientSampleId :
PB93571BS

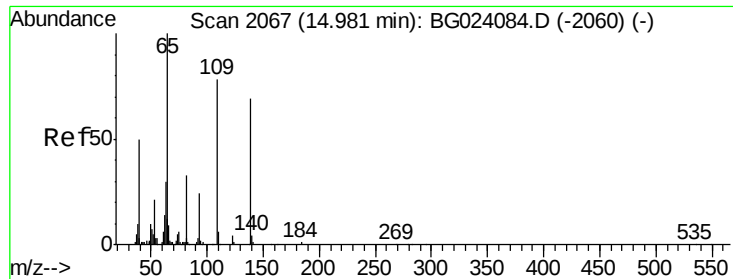
Tgt Ion:184 Resp: 123893
Ion Ratio Lower Upper
184 100
63 84.6 59.6 89.4
154 81.6 67.4 101.0



#54
Dibenzofuran
Concen: 41.09 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion:168 Resp: 551097
Ion Ratio Lower Upper
168 100
139 45.3 36.4 54.6
169 13.2 11.9 17.9

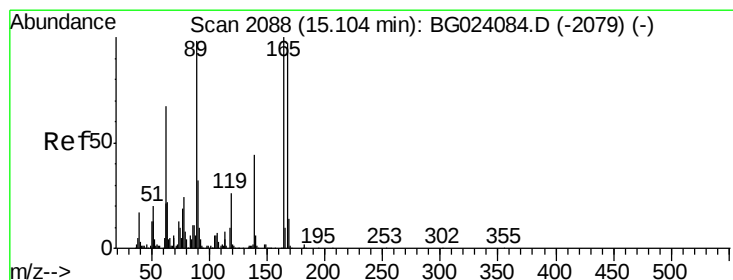
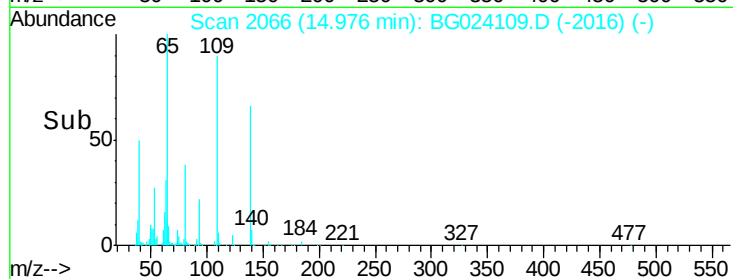
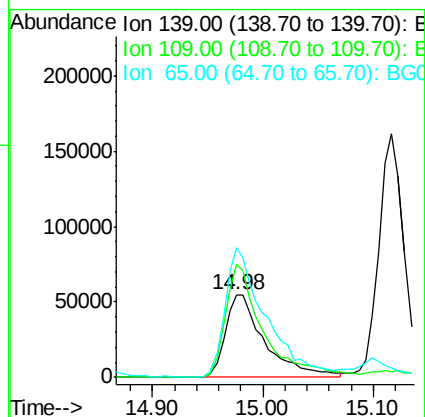
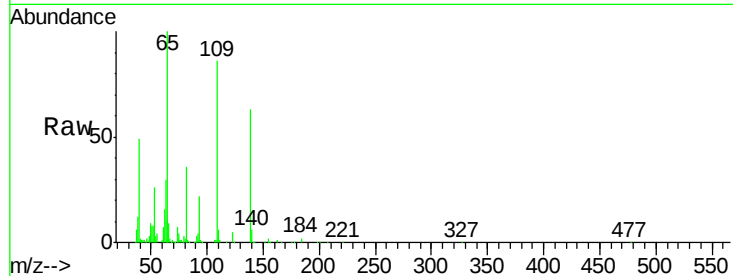




#55
4-Nitrophenol
Concen: 66.50 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

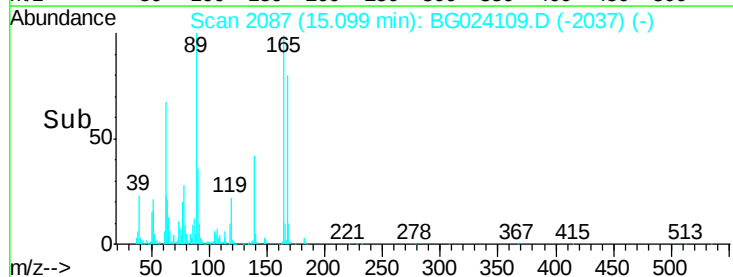
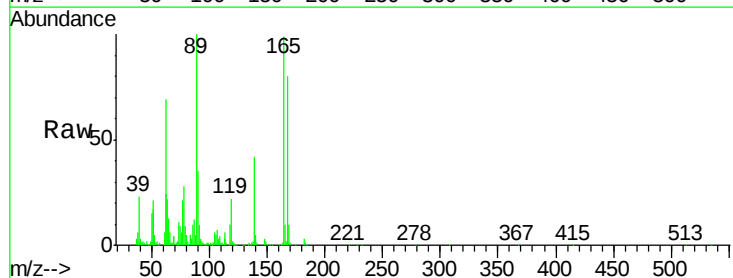
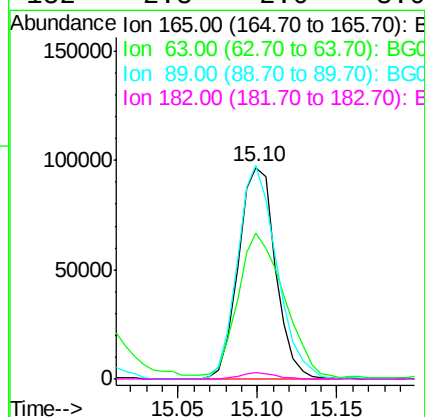
Instrument :
BNA_G
ClientSampleId :
PB93571BS

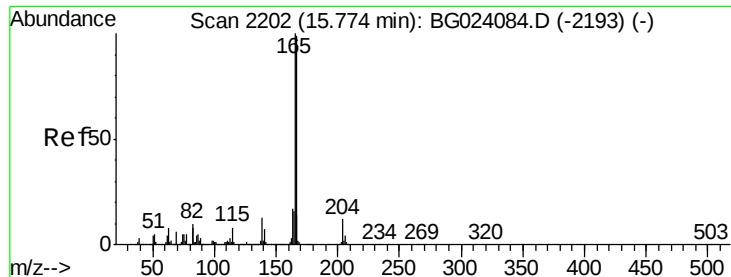
Tgt Ion:139 Resp: 137224
Ion Ratio Lower Upper
139 100
109 136.5 103.0 143.0
65 158.1 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 38.88 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion:165 Resp: 156232
Ion Ratio Lower Upper
165 100
63 69.1 45.8 68.6#
89 100.9 68.6 102.8
182 2.8 2.0 3.0





#57

Fluorene

Concen: 39.20 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

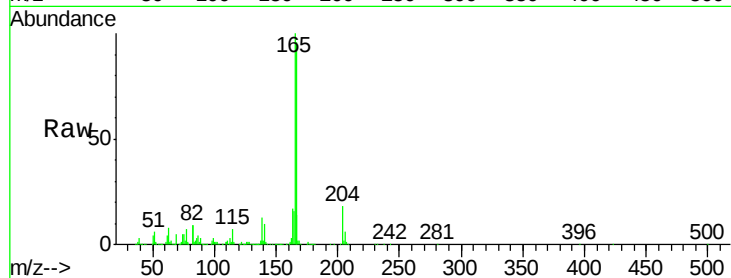
Tgt Ion:166 Resp: 457605

Ion Ratio Lower Upper

166 100

165 103.7 81.0 121.6

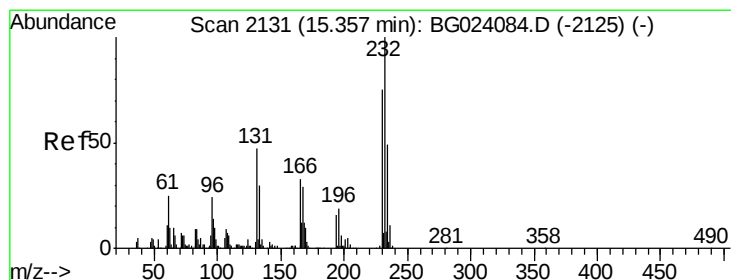
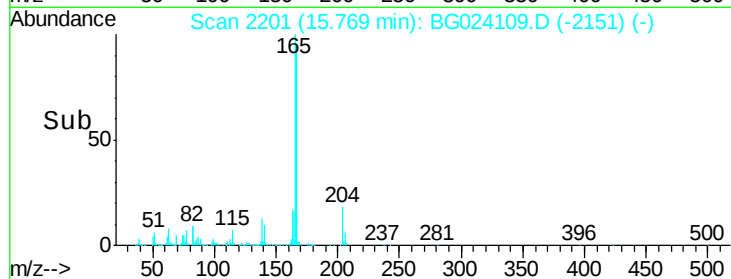
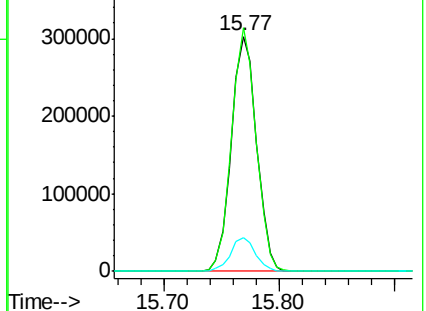
167 14.3 12.0 18.0



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: 44.35 ng

RT: 15.35 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:232 Resp: 136343

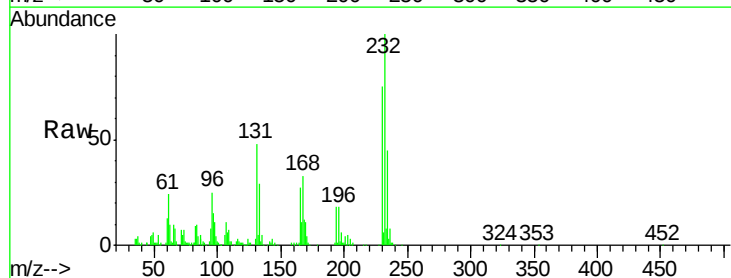
Ion Ratio Lower Upper

232 100

131 46.9 32.7 49.1

130 3.0 2.6 3.8

166 30.8 23.0 34.6

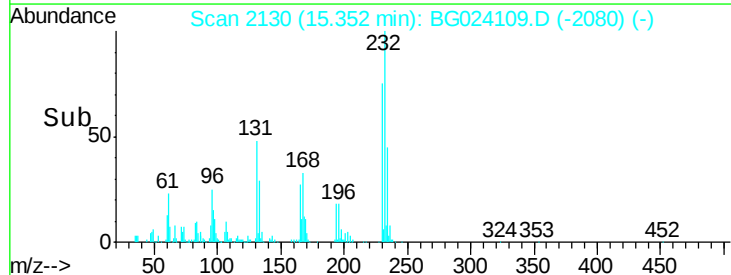
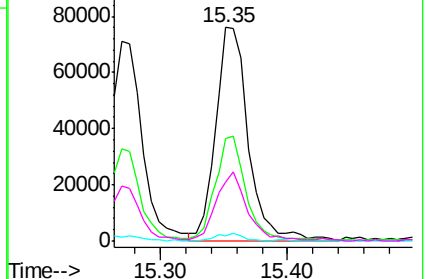


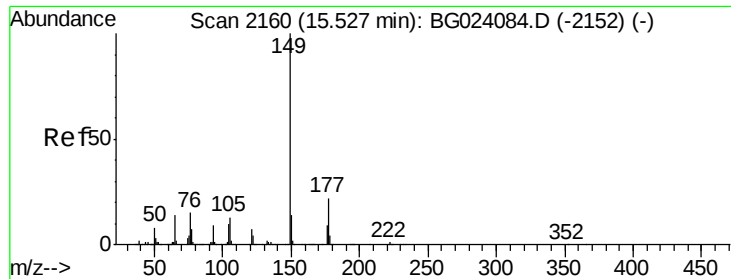
Abundance Ion 232.00 (231.70 to 232.70): E

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

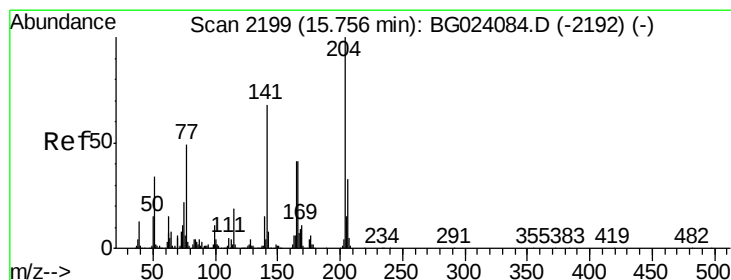
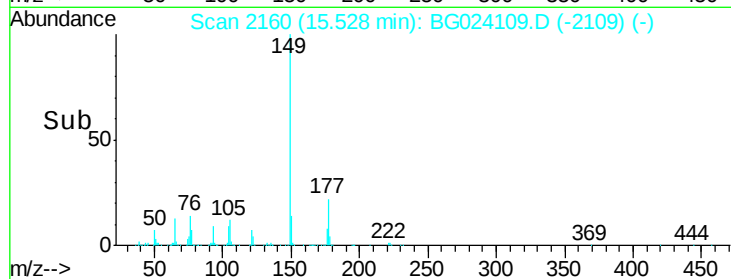
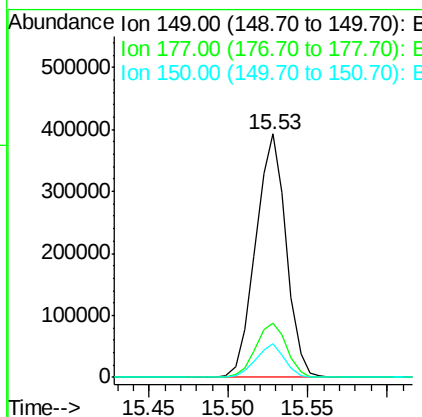
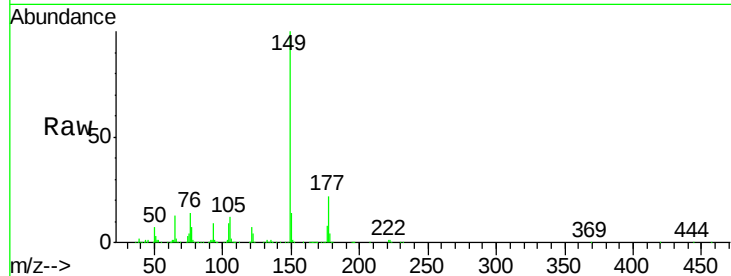




#59
Diethylphthalate
Concen: 38.82 ng
RT: 15.53 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

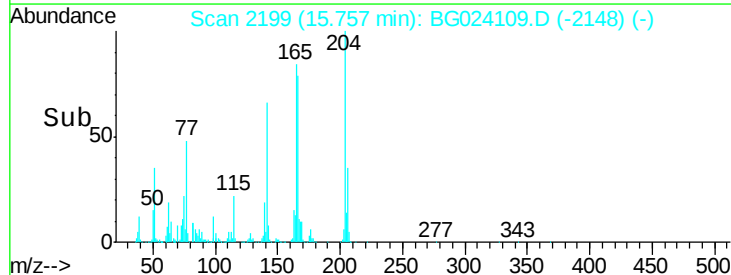
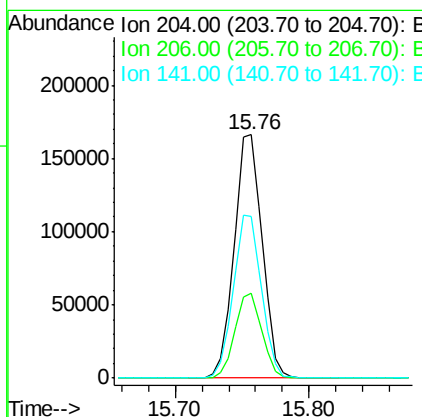
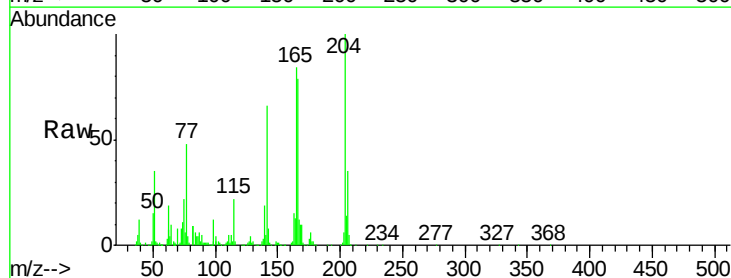
Instrument :
BNA_G
ClientSampleId :
PB93571BS

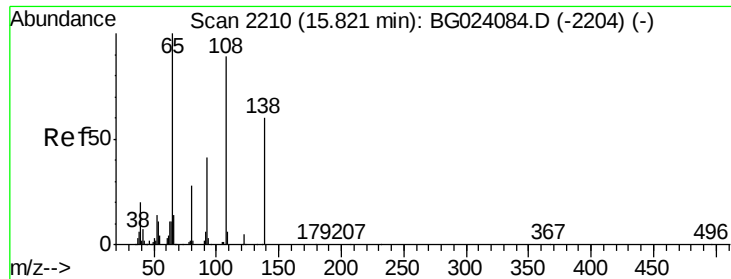
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	19.2	28.8
150	13.6	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 38.88 ng
RT: 15.76 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.5	42.7
141	66.3	51.4	77.0

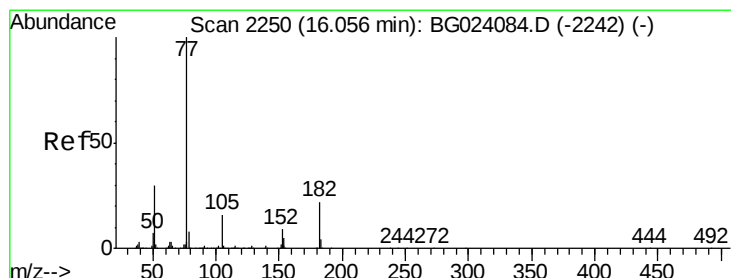
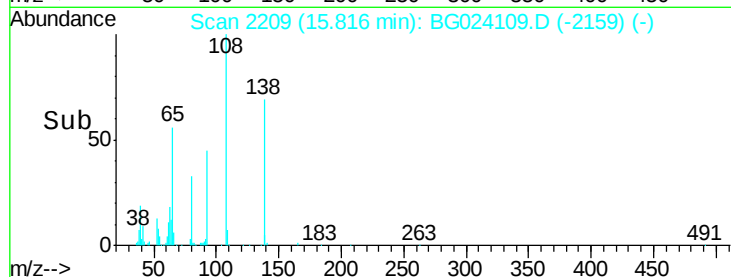
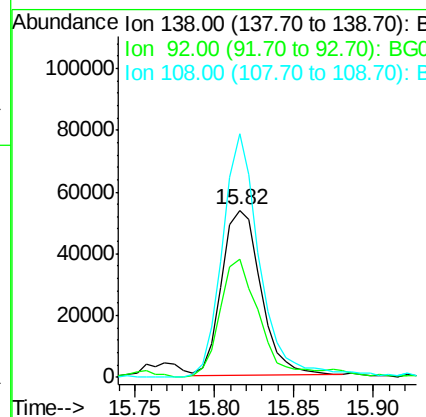
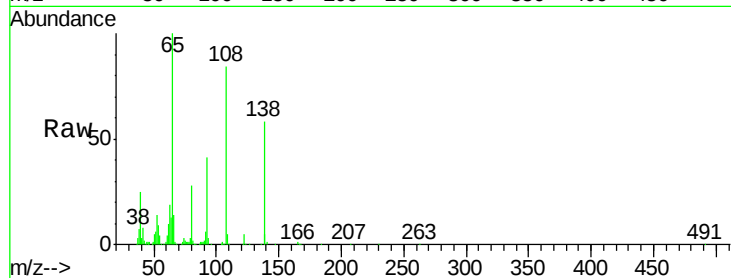




#61
4-Nitroaniline
Concen: 33.76 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

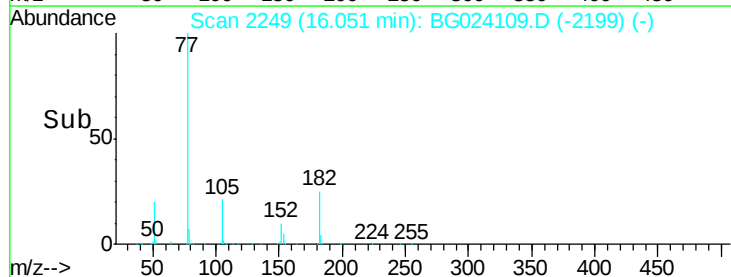
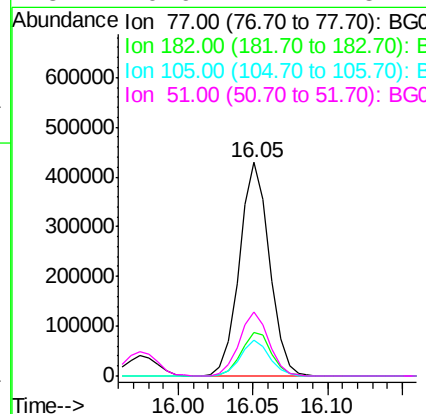
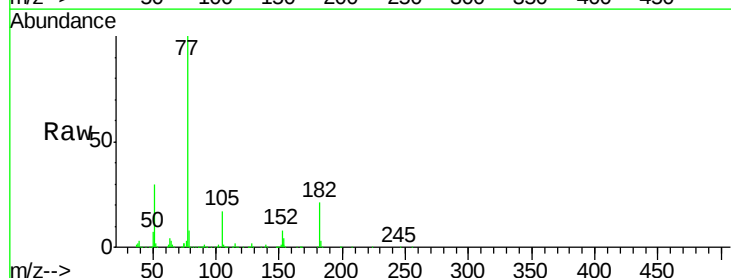
Instrument :
BNA_G
ClientSampleId :
PB93571BS

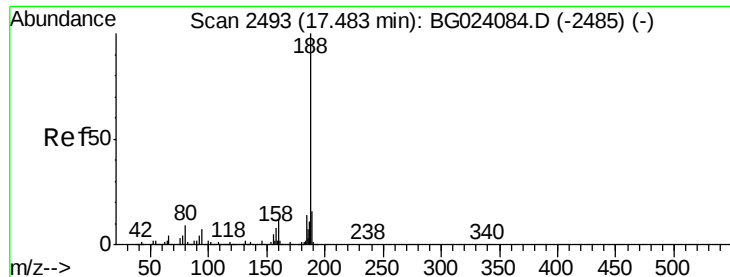
Tgt Ion:138 Resp: 92223
Ion Ratio Lower Upper
138 100
92 70.4 54.1 94.1
108 145.4 133.9 173.9



#62
Azobenzene
Concen: 43.41 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion: 77 Resp: 597062
Ion Ratio Lower Upper
77 100
182 20.5 3.5 43.5
105 17.1 0.0 38.5
51 29.9 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

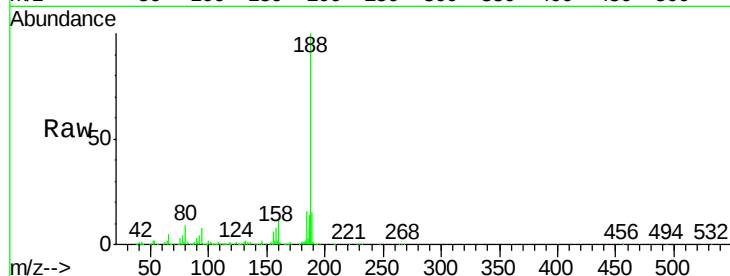
Tgt Ion:188 Resp: 381835

Ion Ratio Lower Upper

188 100

94 8.1 5.2 7.8#

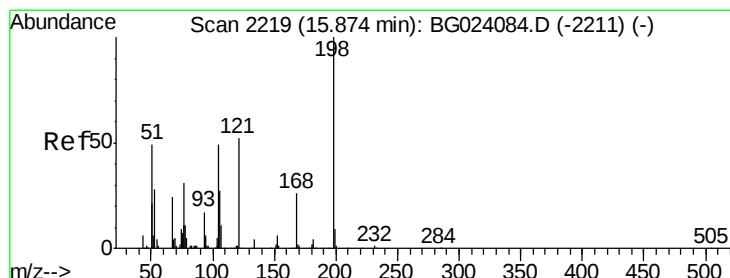
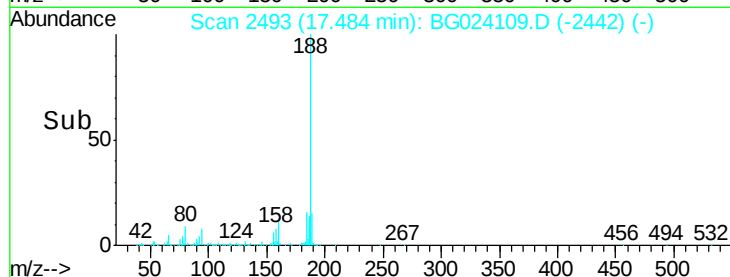
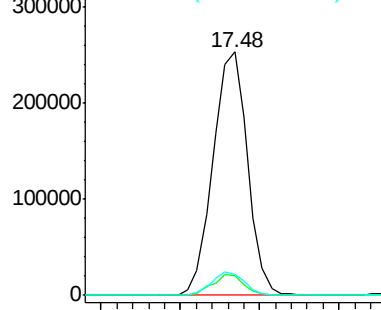
80 8.6 7.2 10.8



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: 34.67 ng

RT: 15.87 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

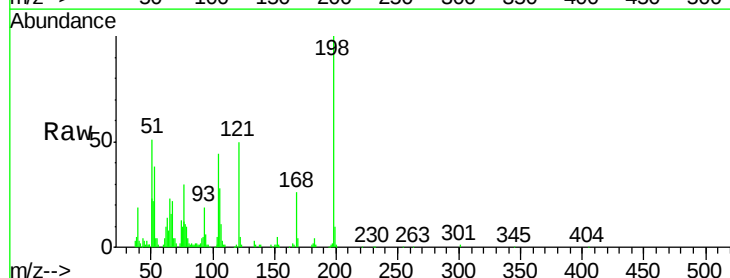
Tgt Ion:198 Resp: 91927

Ion Ratio Lower Upper

198 100

51 51.5 26.0 66.0

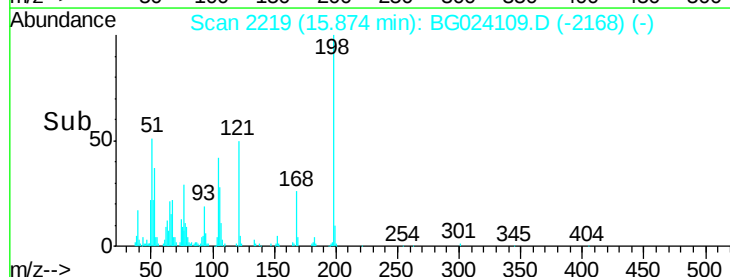
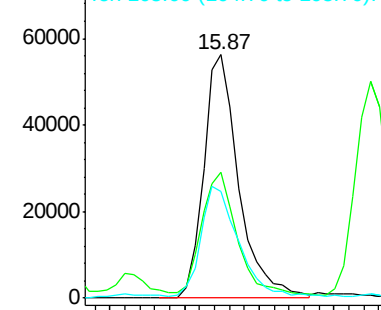
105 43.9 20.1 60.1

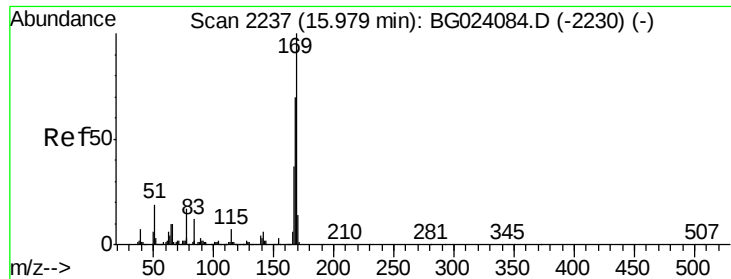


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

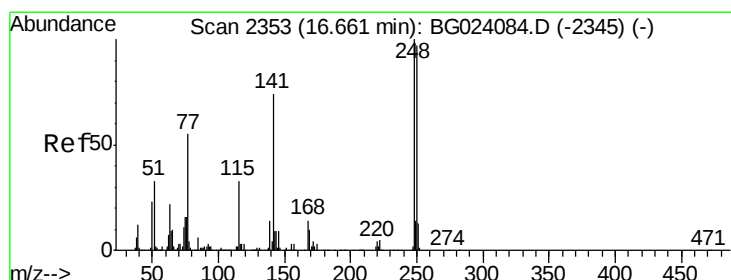
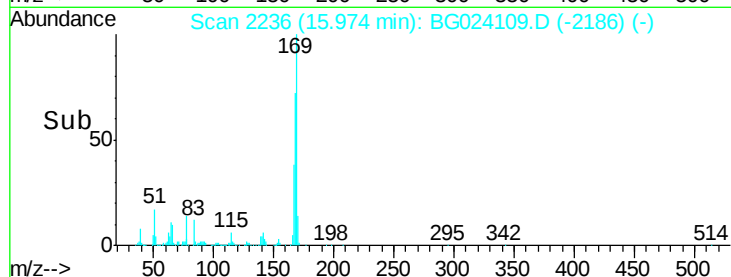
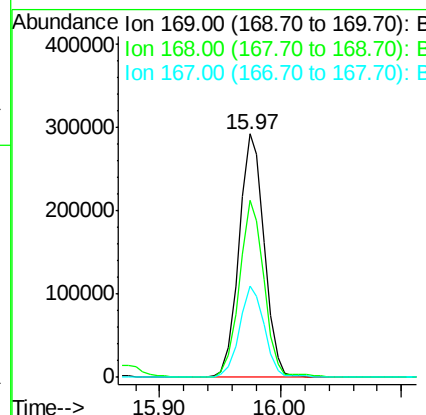
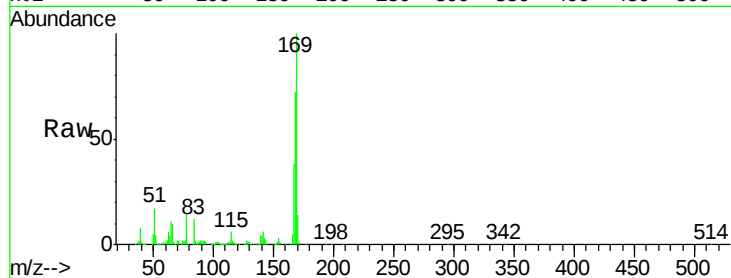




#65
n-Nitrosodiphenylamine
Concen: 40.70 ng
RT: 15.97 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

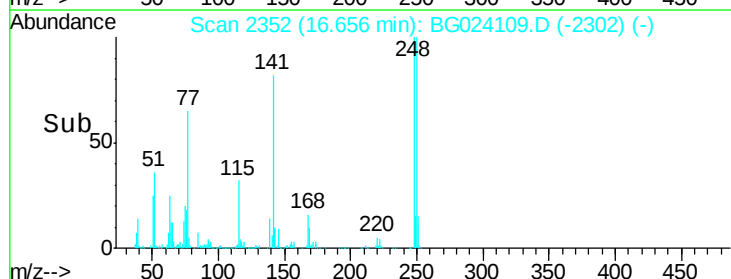
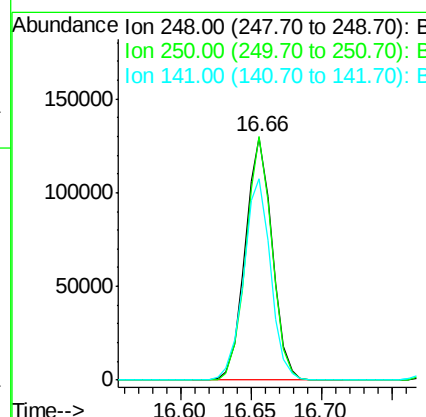
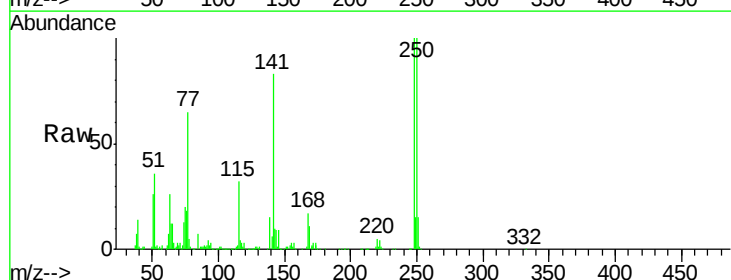
Instrument :
BNA_G
ClientSampleId :
PB93571BS

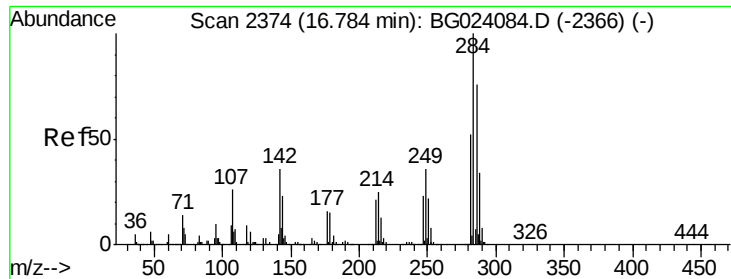
Tgt Ion:169 Resp: 425155
Ion Ratio Lower Upper
169 100
168 72.5 55.0 82.4
167 37.6 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 39.03 ng
RT: 16.66 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BG024109.D
Acq: 24 Sep 2016 5:00

Tgt Ion:248 Resp: 172874
Ion Ratio Lower Upper
248 100
250 100.3 77.8 116.8
141 83.0 65.7 98.5





#67

Hexachlorobenzene

Concen: 37.30 ng

RT: 16.79 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

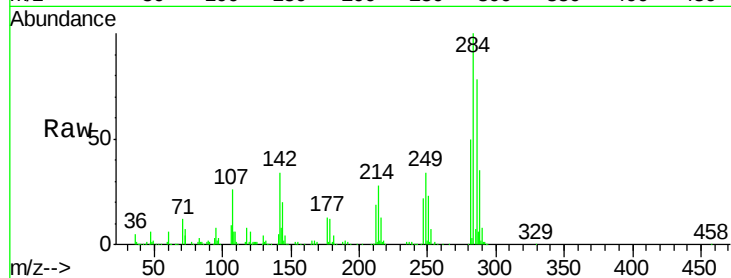
Tgt Ion:284 Resp: 186160

Ion Ratio Lower Upper

284 100

142 34.1 26.8 40.2

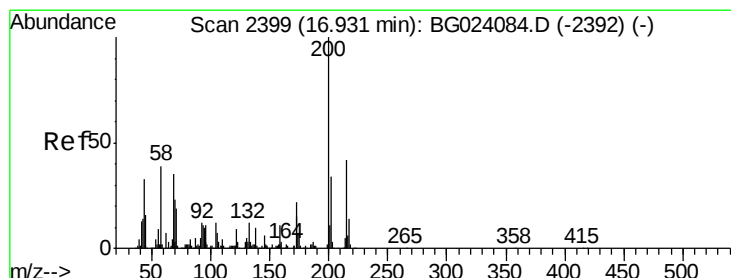
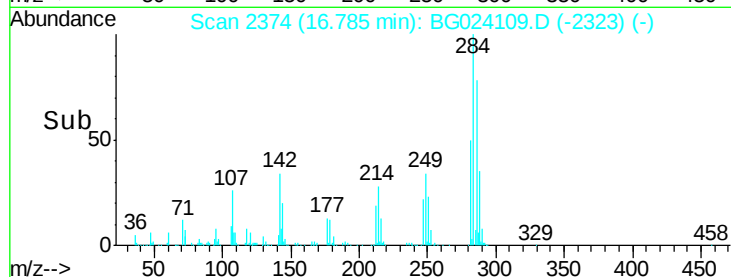
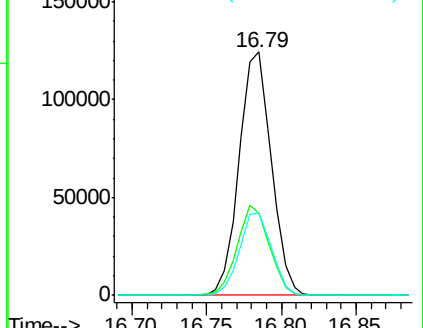
249 33.8 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.43 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

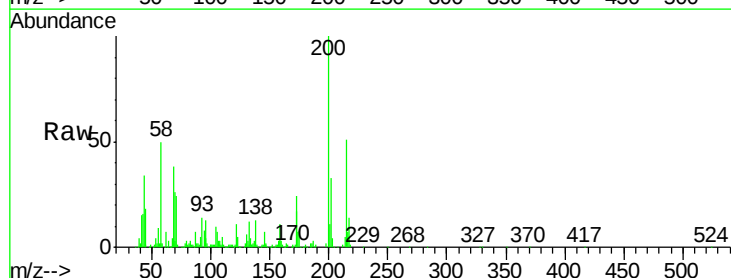
Tgt Ion:200 Resp: 177190

Ion Ratio Lower Upper

200 100

173 23.9 1.6 41.6

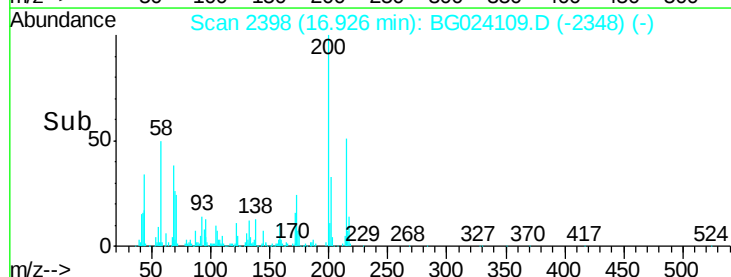
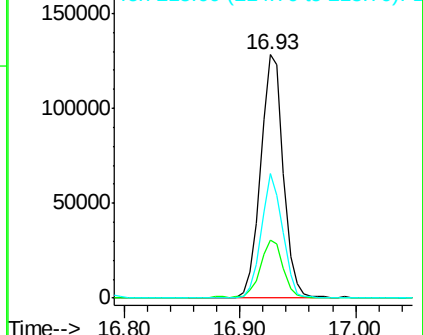
215 51.1 28.7 68.7

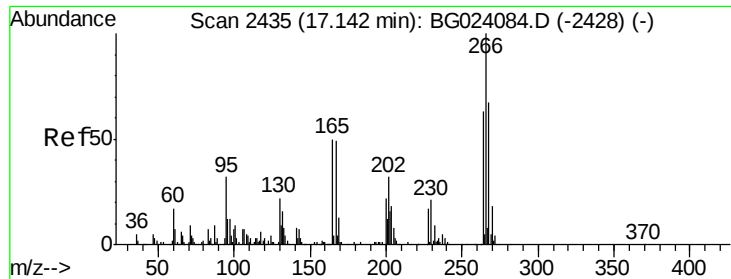


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 63.44 ng

RT: 17.14 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

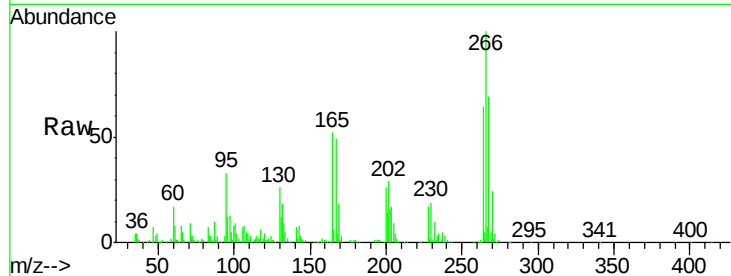
Tgt Ion:266 Resp: 162078

Ion Ratio Lower Upper

266 100

268 68.6 51.9 77.9

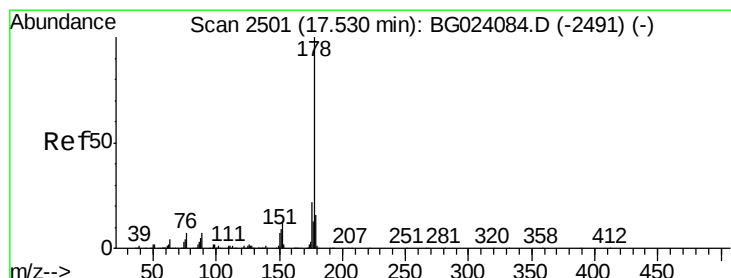
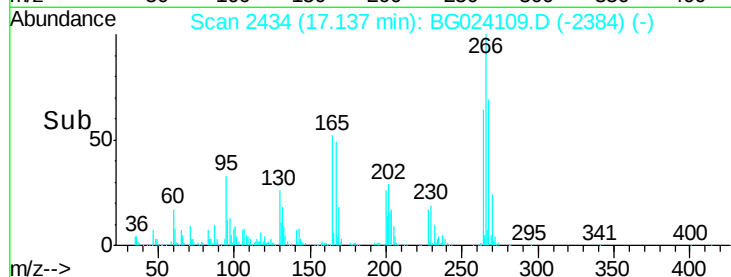
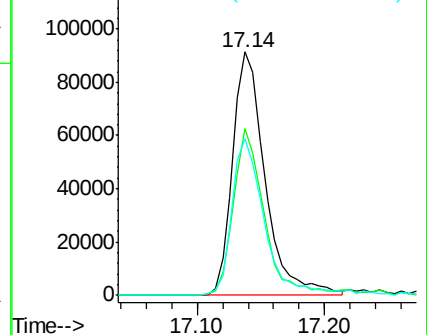
264 64.3 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.50 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

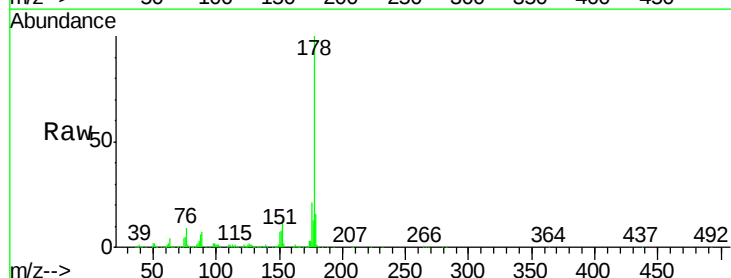
Tgt Ion:178 Resp: 807088

Ion Ratio Lower Upper

178 100

176 21.4 16.8 25.2

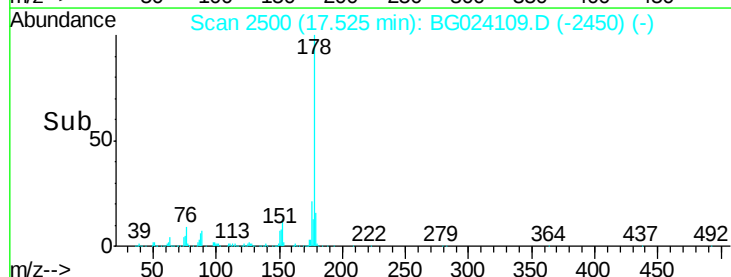
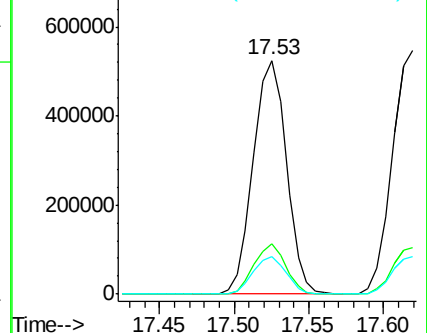
179 16.2 14.3 21.5

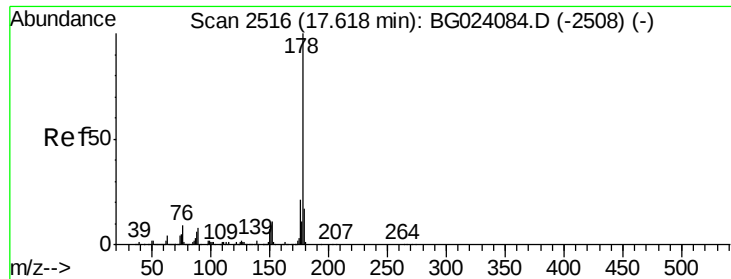


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

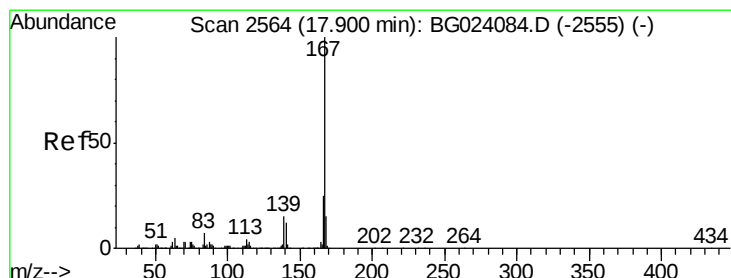
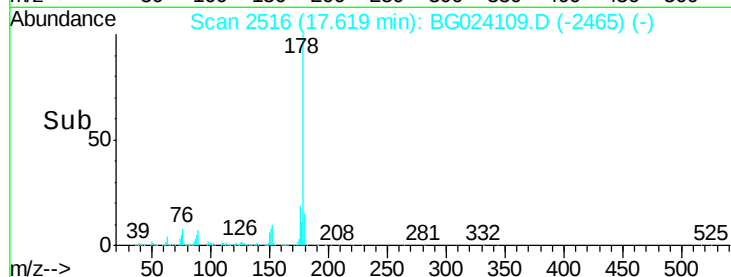
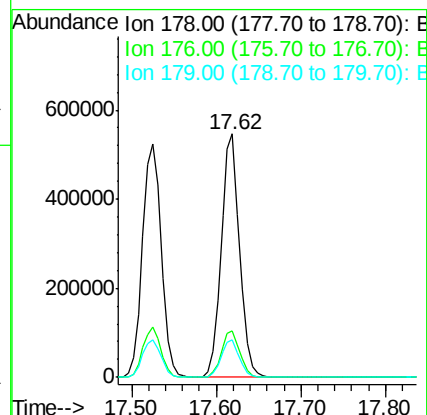
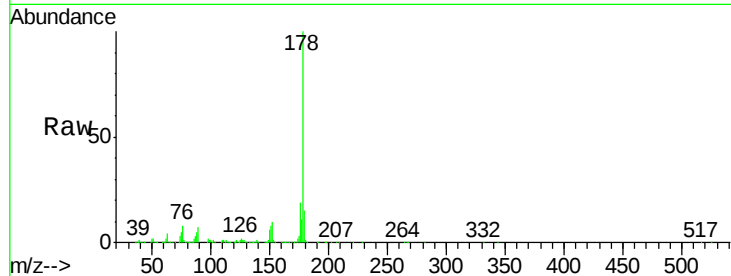




#71
 Anthracene
 Concen: 41.56 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

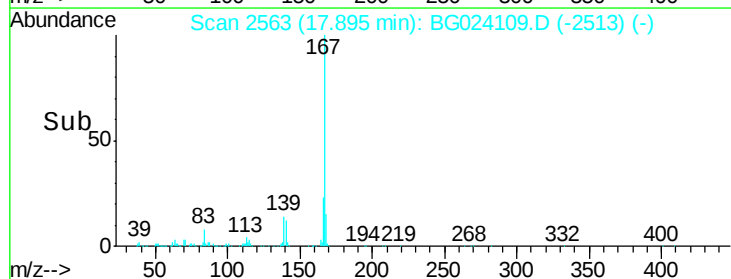
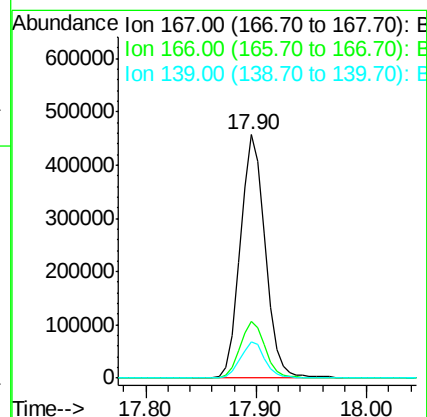
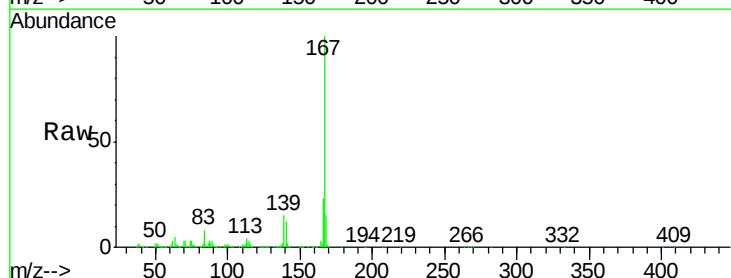
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

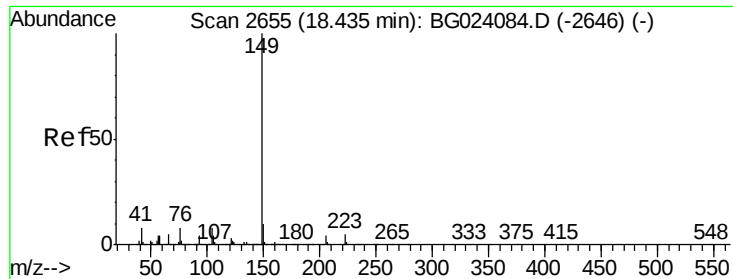
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	17.3	25.9
179	15.3	14.0	21.0



#72
 Carbazole
 Concen: 39.13 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.7	31.1
139	15.1	11.9	17.9





#73

Di-n-butylphthalate

Concen: 37.42 ng

RT: 18.43 min Scan# 2654

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

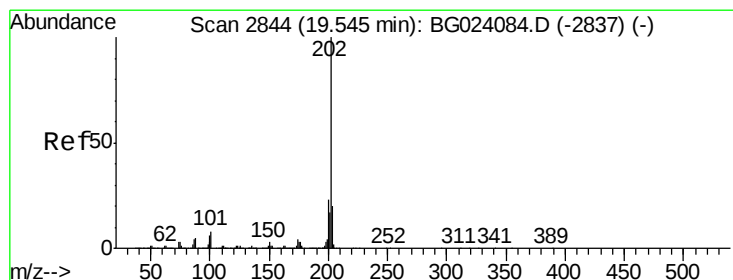
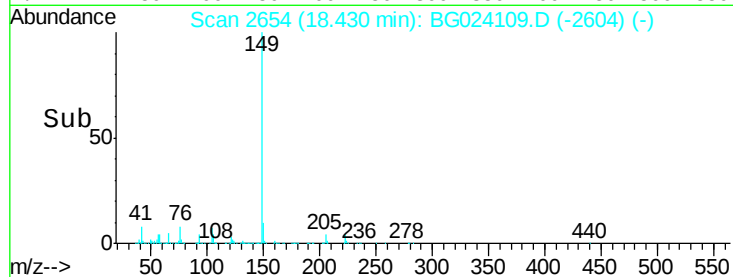
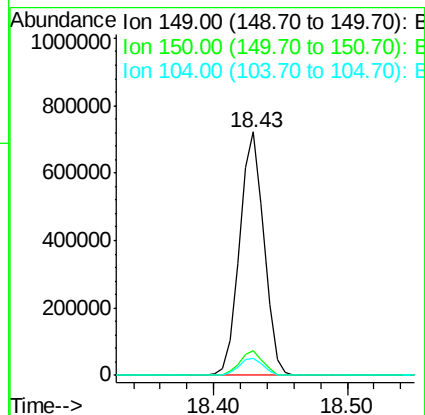
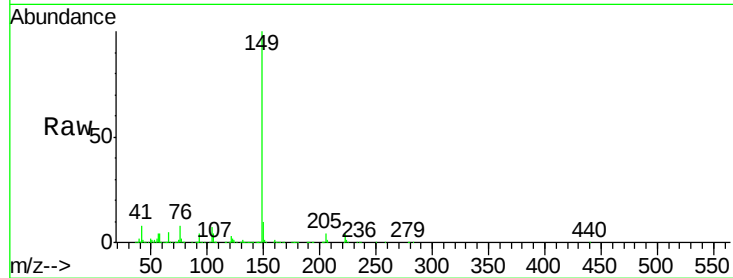
Instrument :

BNA_G

ClientSampleId :

PB93571BS

Tgt Ion:	149	Resp:	910914
Ion Ratio	Lower	Upper	
149	100		
150	9.9	9.1	13.7
104	7.2	6.9	10.3



#74

Fluoranthene

Concen: 38.31 ng

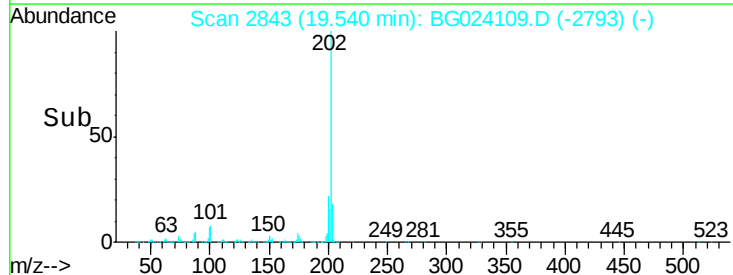
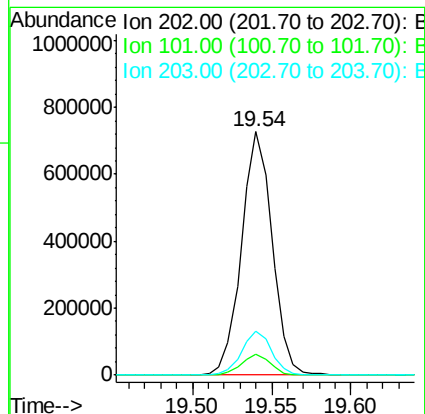
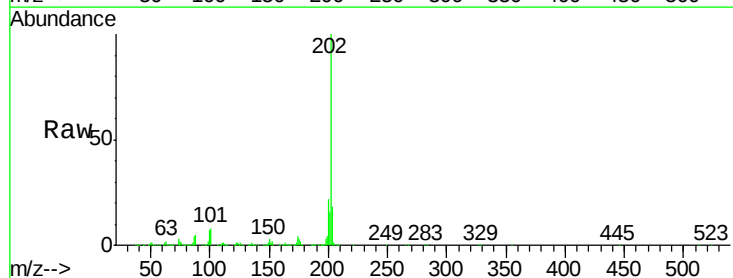
RT: 19.54 min Scan# 2843

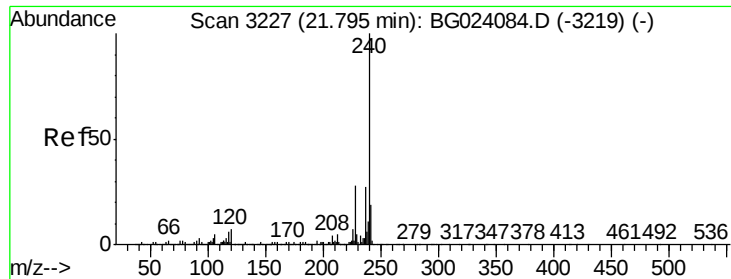
Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion:	202	Resp:	972772
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	27.4
203	18.1	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

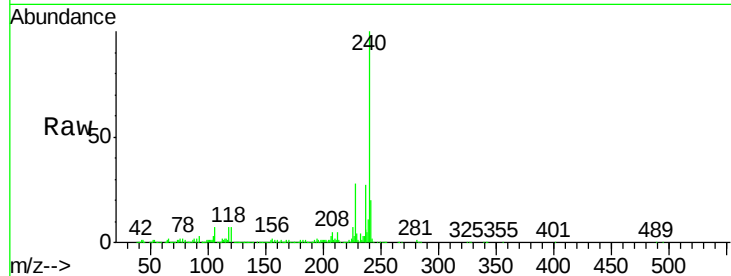
Tgt Ion:240 Resp: 404909

Ion Ratio Lower Upper

240 100

120 7.3 4.1 6.1#

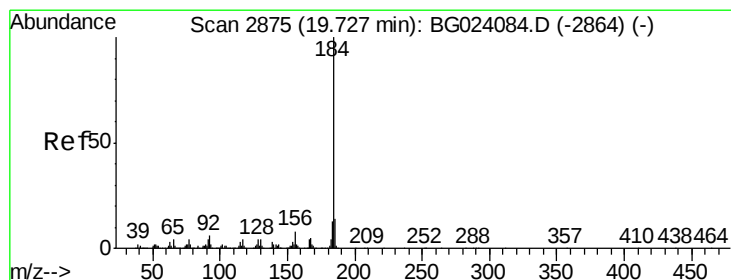
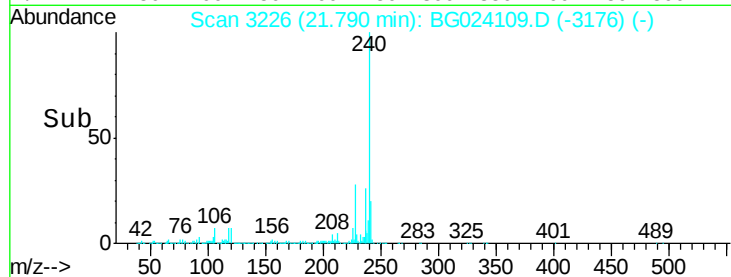
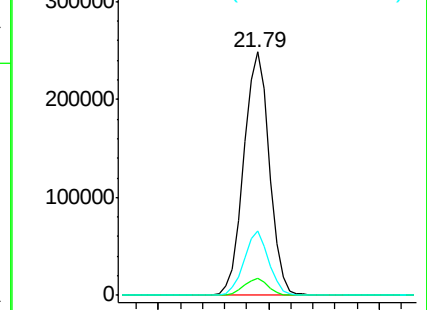
236 26.6 21.1 31.7



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: 9.75 ng

RT: 19.73 min Scan# 2876

Delta R.T. 0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

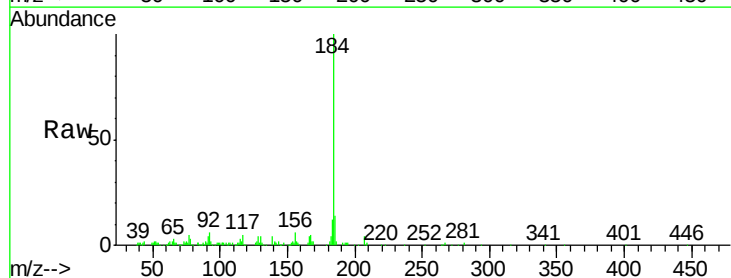
Tgt Ion:184 Resp: 111779

Ion Ratio Lower Upper

184 100

185 14.2 12.6 19.0

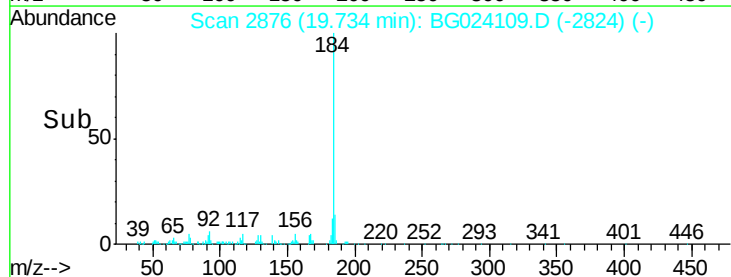
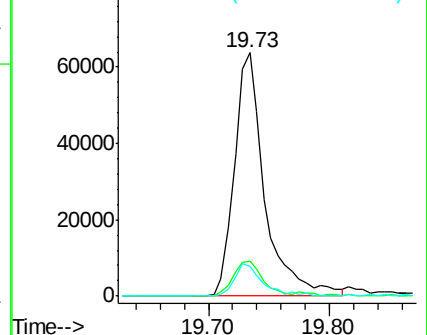
183 12.3 10.7 16.1

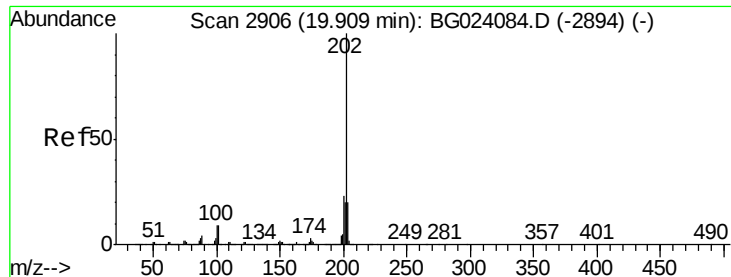


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.90 ng

RT: 19.90 min Scan# 2905

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

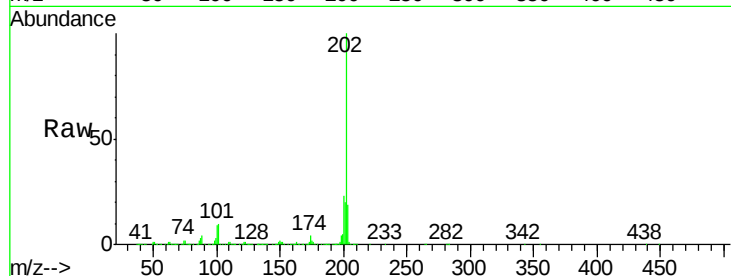
Tgt Ion:202 Resp: 958518

Ion Ratio Lower Upper

202 100

200 23.0 21.2 31.8

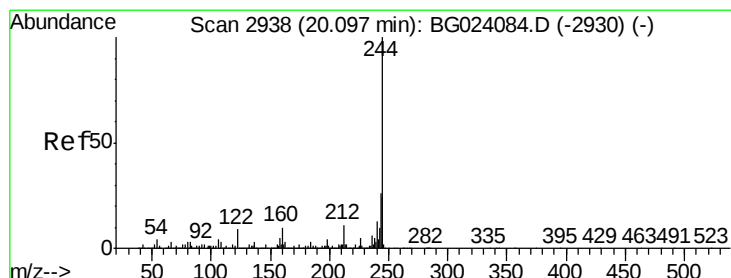
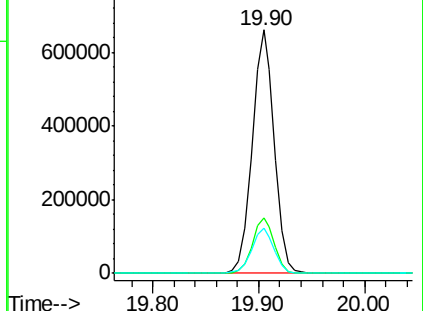
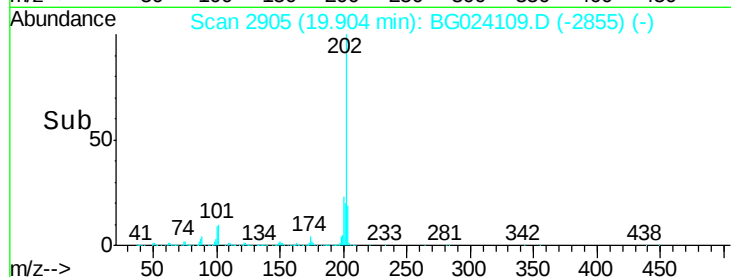
203 18.7 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.31 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

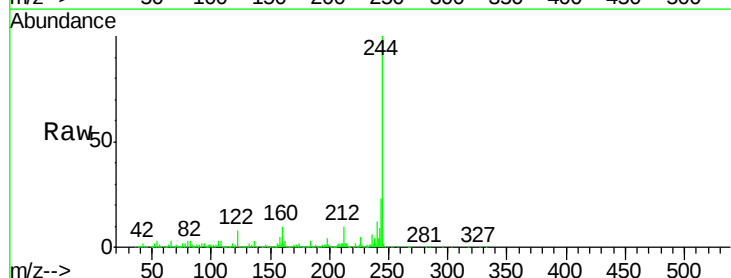
Tgt Ion:244 Resp: 1311293

Ion Ratio Lower Upper

244 100

212 10.3 10.8 16.2#

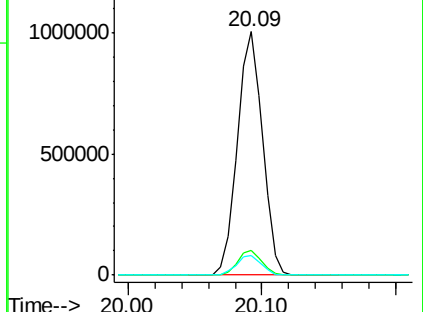
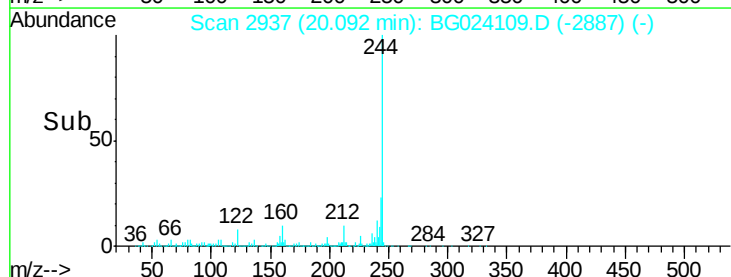
122 7.8 8.0 12.0#

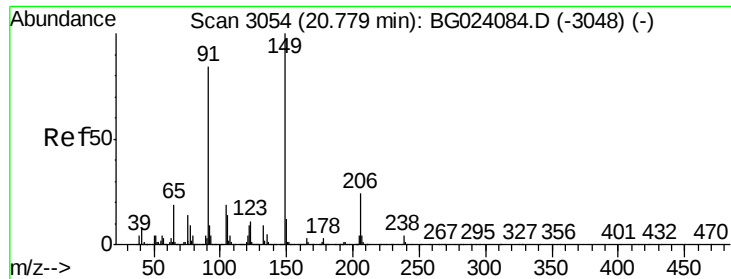


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.62 ng

RT: 20.77 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

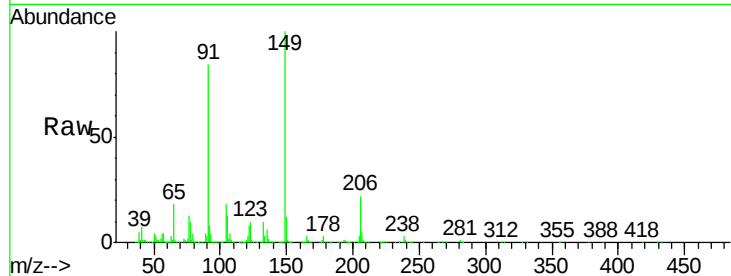
Tgt Ion:149 Resp: 391673

Ion Ratio Lower Upper

149 100

91 83.8 68.1 102.1

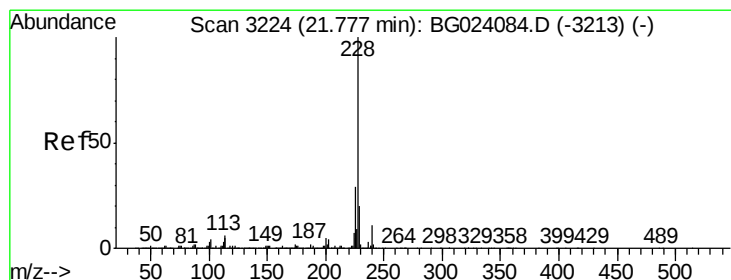
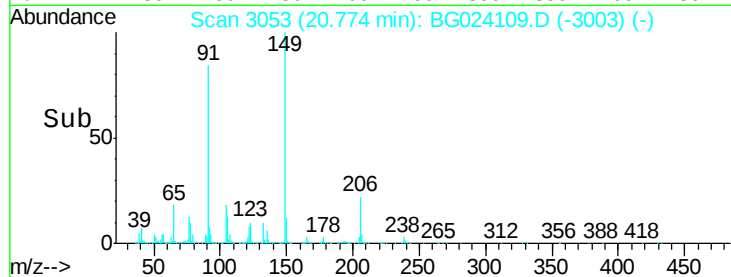
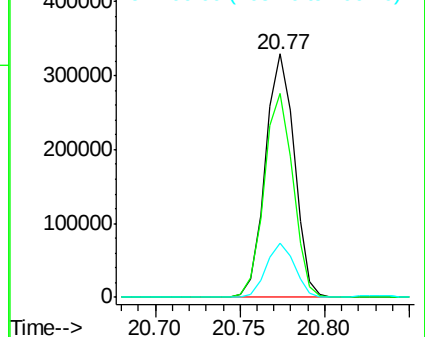
206 22.3 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.84 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

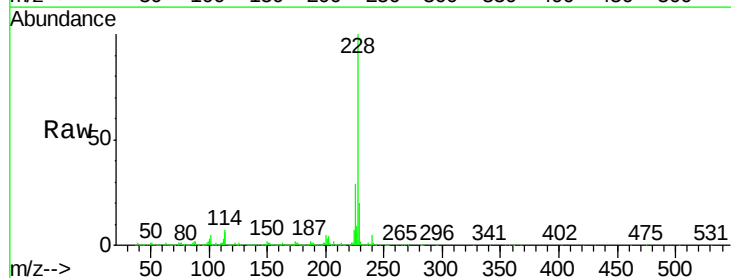
Tgt Ion:228 Resp: 918324

Ion Ratio Lower Upper

228 100

226 29.5 25.3 37.9

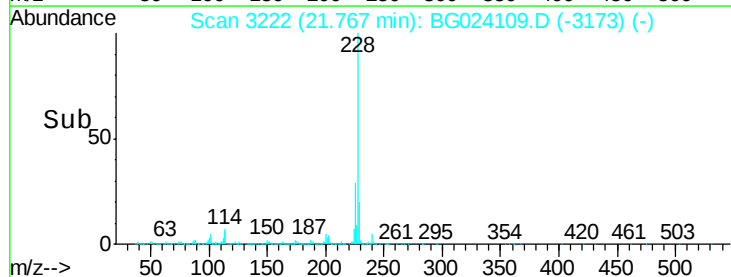
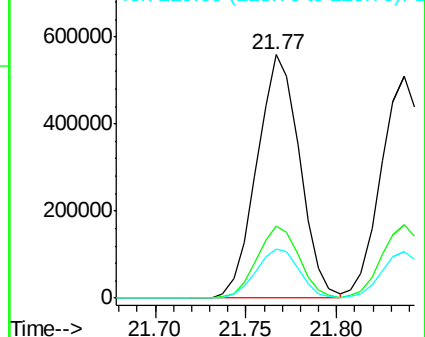
229 20.3 19.9 29.9

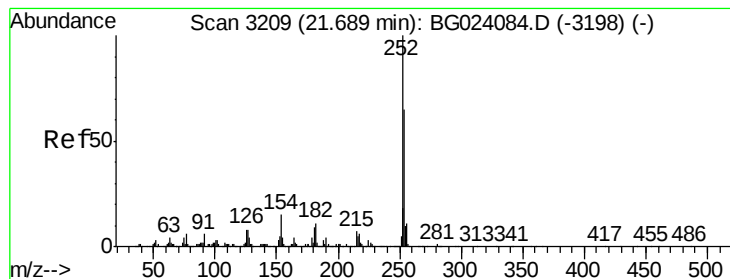


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 20.25 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

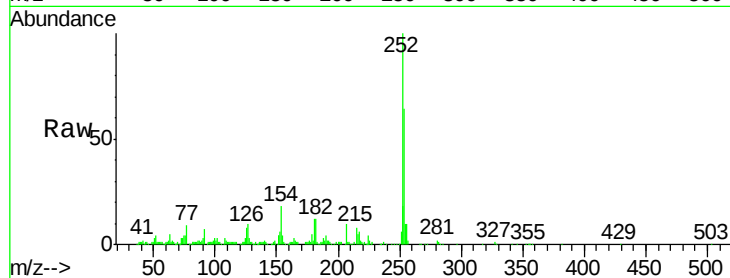
Tgt Ion:252 Resp: 167262

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

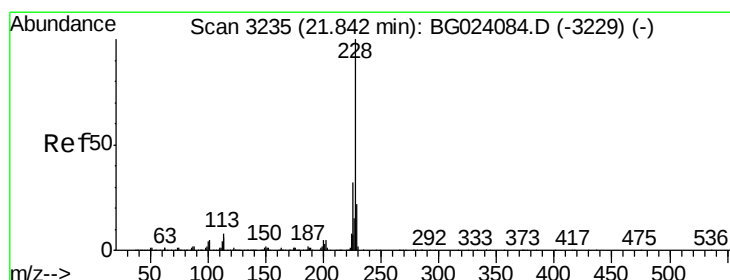
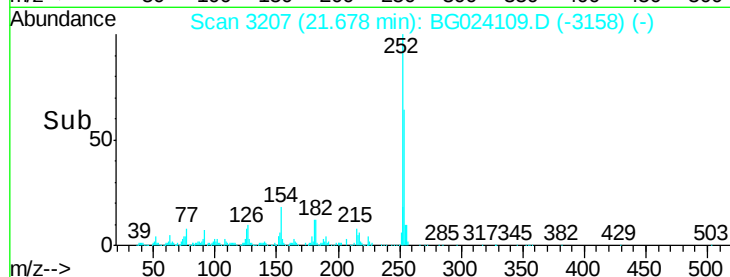
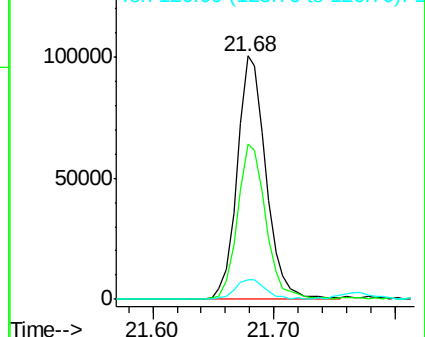
126 8.2 5.3 7.9#



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: 39.42 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

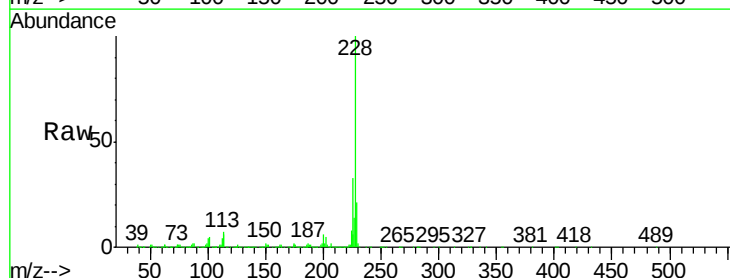
Tgt Ion:228 Resp: 854028

Ion Ratio Lower Upper

228 100

226 32.8 26.7 40.1

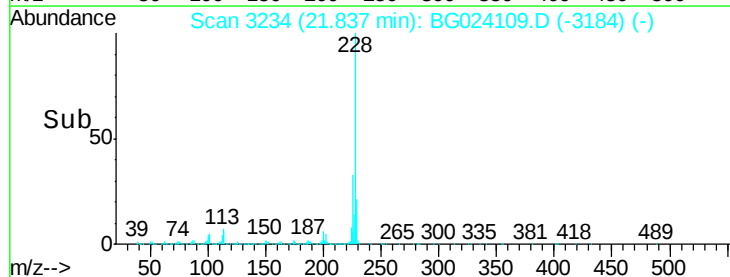
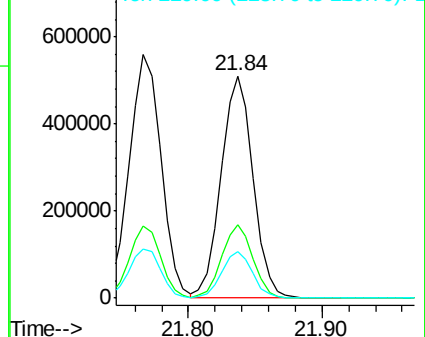
229 21.0 17.4 26.2



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

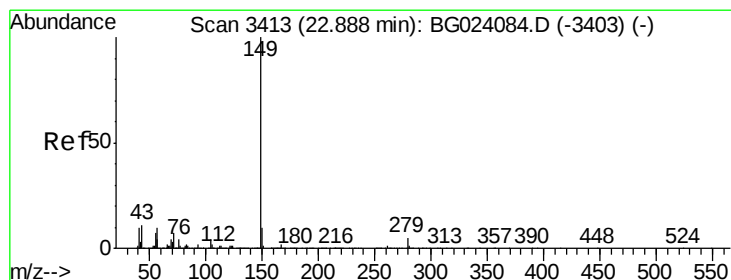
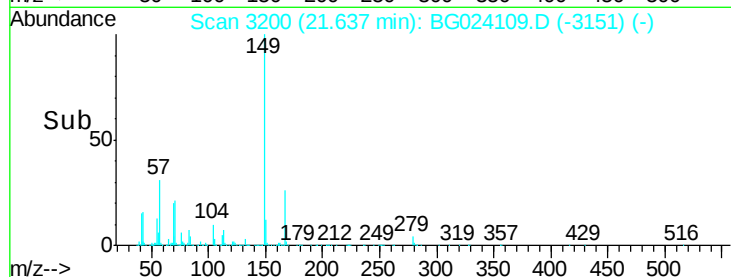
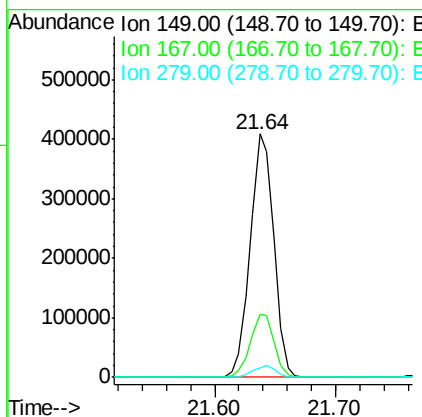
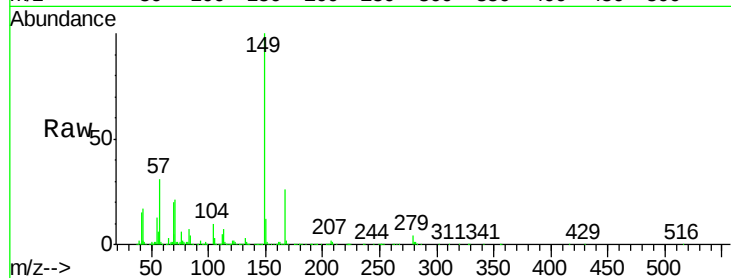




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.04 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

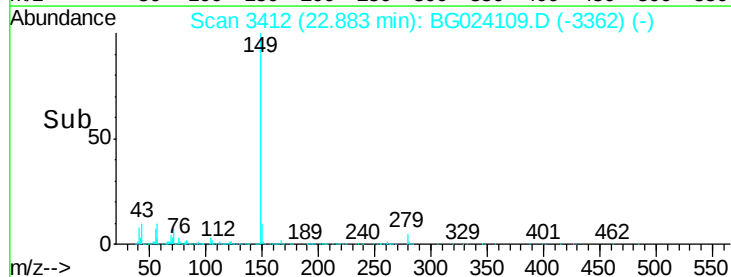
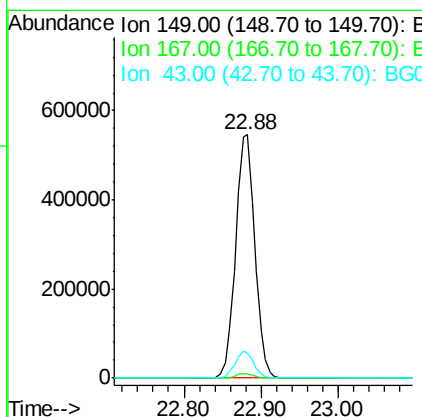
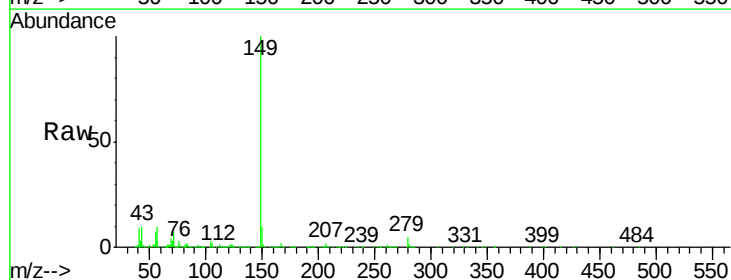
Instrument :
 BNA_G
 ClientSampleId :
 PB93571BS

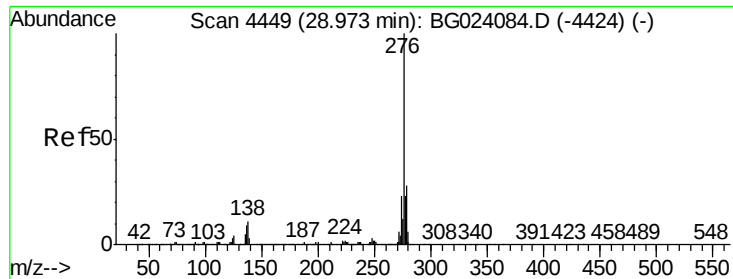
Tgt Ion:149 Resp: 560223
 Ion Ratio Lower Upper
 149 100
 167 25.9 24.0 36.0
 279 3.8 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 44.47 ng
 RT: 22.88 min Scan# 3412
 Delta R.T. -0.00 min
 Lab File: BG024109.D
 Acq: 24 Sep 2016 5:00

Tgt Ion:149 Resp: 954526
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.5 2.3
 43 10.7 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.25 ng

RT: 28.95 min Scan# 4444

Delta R.T. -0.03 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

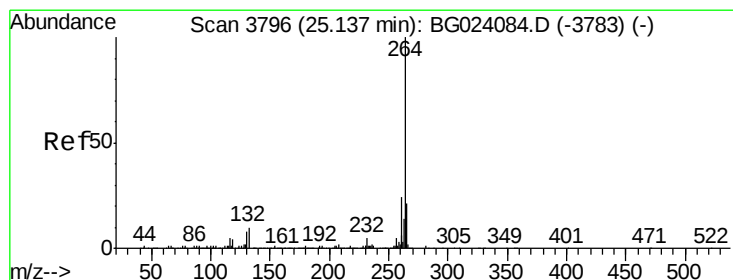
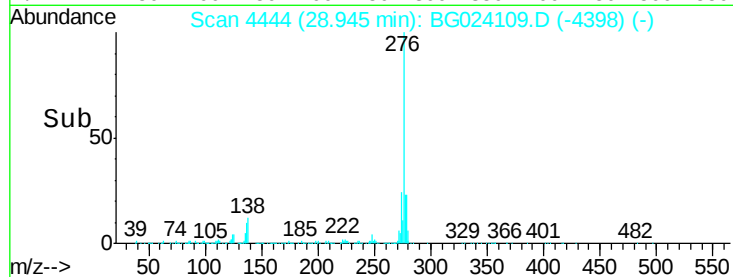
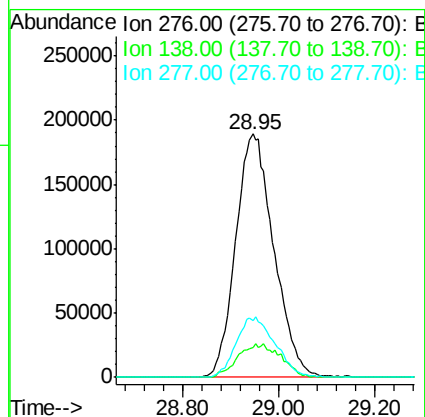
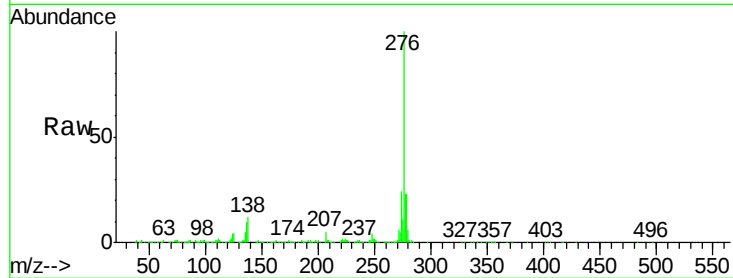
Tgt Ion:276 Resp: 1045020

Ion Ratio Lower Upper

276 100

138 15.3 0.0 0.0#

277 25.4 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.02 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

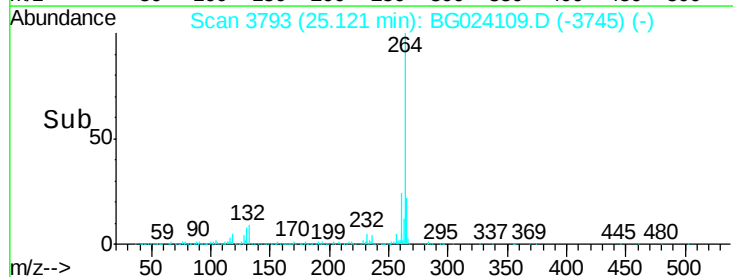
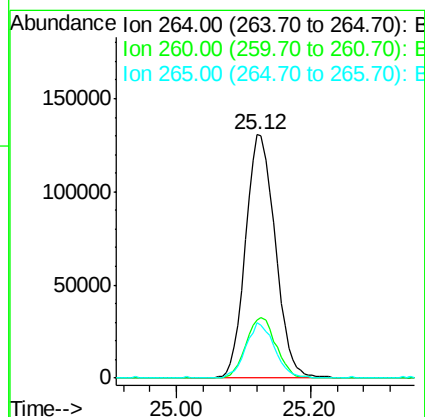
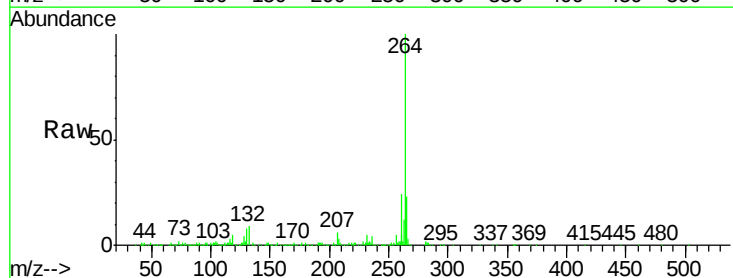
Tgt Ion:264 Resp: 399007

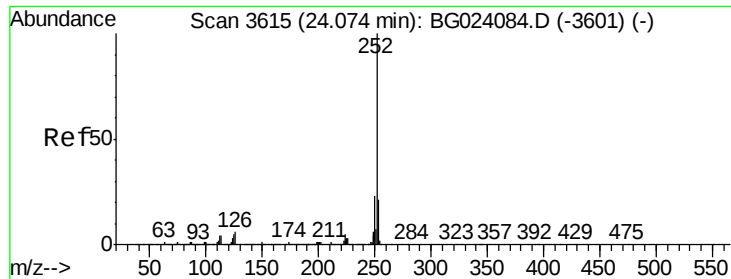
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 40.19 ng

RT: 24.06 min Scan# 3612

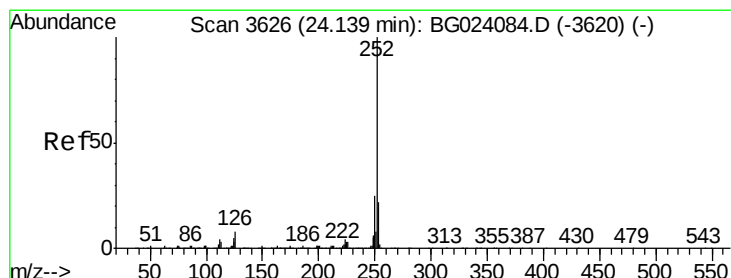
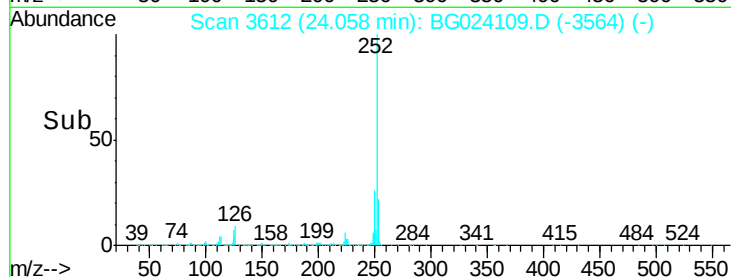
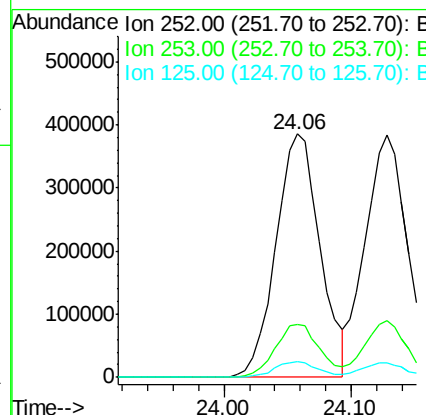
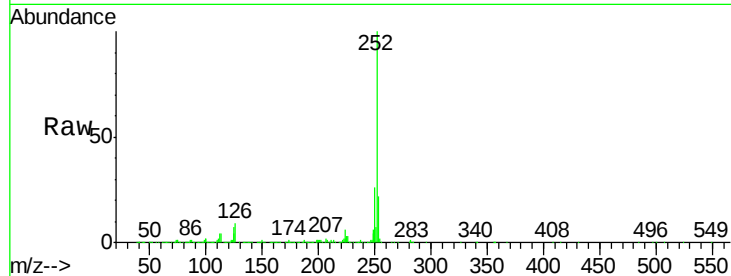
Delta R.T. -0.02 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :
BNA_G
ClientSampleId :
PB93571BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	6.6	3.9	5.9#



#88

Benzo(k)fluoranthene

Concen: 38.40 ng

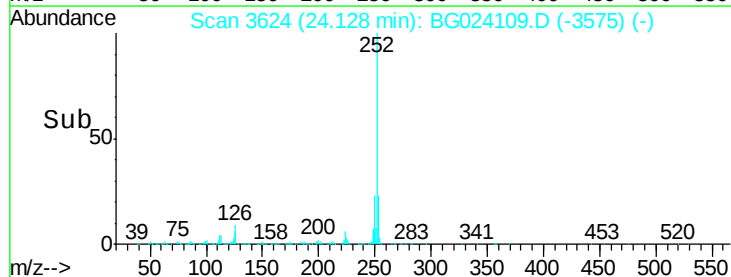
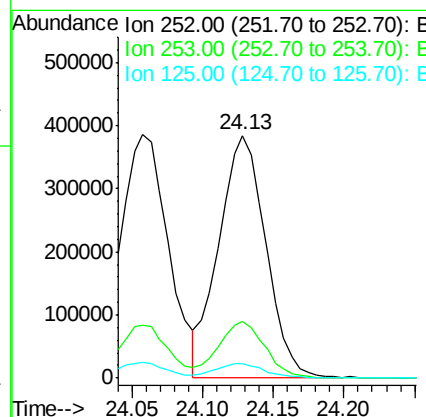
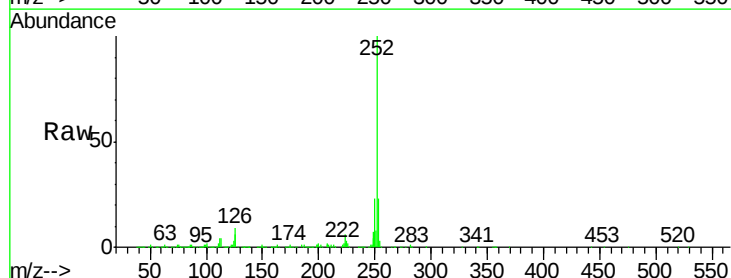
RT: 24.13 min Scan# 3624

Delta R.T. -0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	6.1	3.2	4.8#





#89

Benzo(a)pyrene

Concen: 39.90 ng

RT: 24.97 min Scan# 3767

Delta R.T. -0.01 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

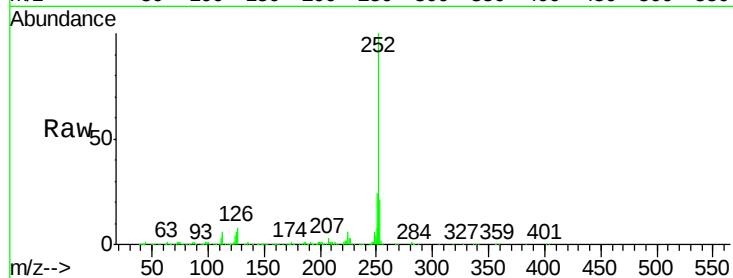
Tgt Ion:252 Resp: 895443

Ion Ratio Lower Upper

252 100

253 21.0 18.7 28.1

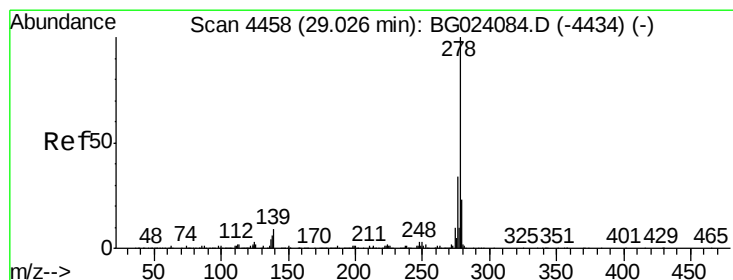
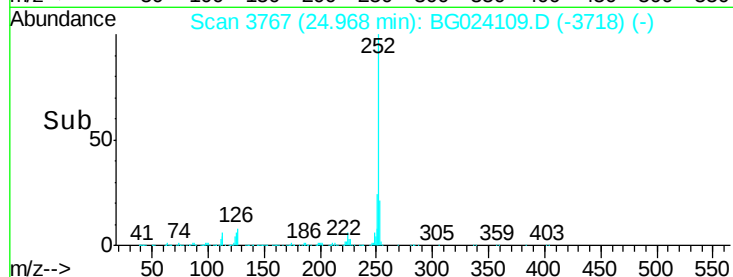
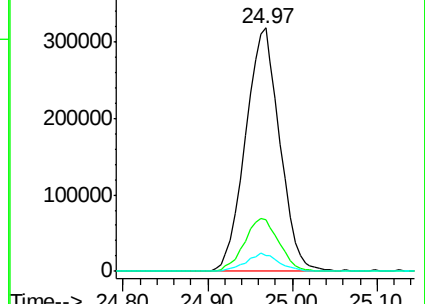
125 6.3 3.9 5.9#



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: 38.42 ng

RT: 28.99 min Scan# 4452

Delta R.T. -0.03 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

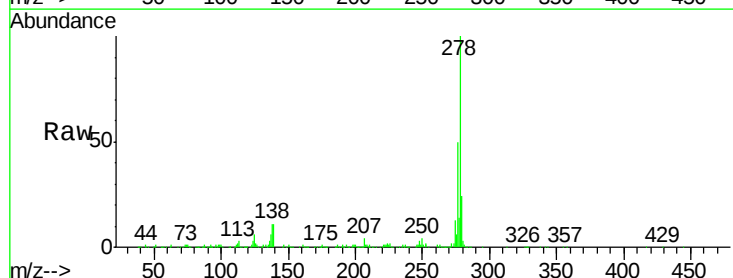
Tgt Ion:278 Resp: 860898

Ion Ratio Lower Upper

278 100

139 10.6 4.7 7.1#

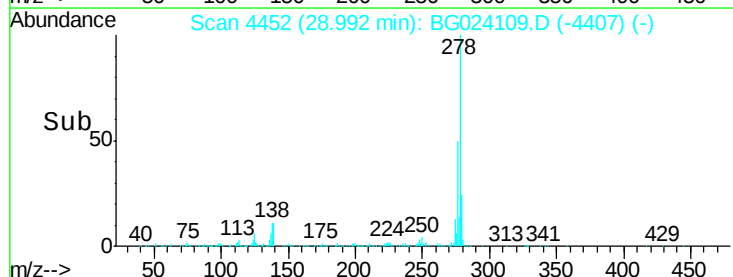
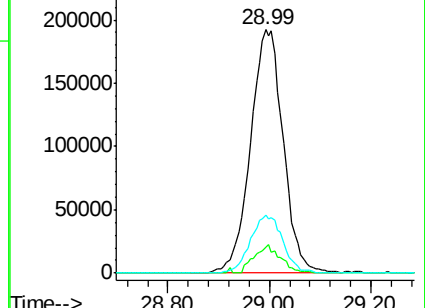
279 23.8 18.3 27.5

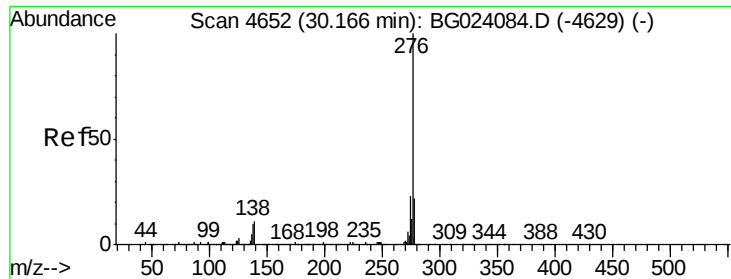


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.30 ng

RT: 30.14 min Scan# 4648

Delta R.T. -0.02 min

Lab File: BG024109.D

Acq: 24 Sep 2016 5:00

Instrument :

BNA_G

ClientSampleId :

PB93571BS

Tgt Ion: 276 Resp: 864749

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 11.0 6.8 10.2#

