

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
 Data File : BG024024.D
 Acq On : 19 Sep 2016 18:53
 Operator : UM/SJ
 Sample : PB93461BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

Quant Time: Sep 20 01:07:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 01:00:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38419	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	187117	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	168920	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	407398	20.00	ng	0.00
75) Chrysene-d12	21.80	240	436784	20.00	ng	0.00
86) Perylene-d12	25.14	264	431994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	305709	139.70	ng	0.00
7) Phenol-d6	7.23	99	466061	138.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	352359	84.07	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	318157	104.54	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	773684	65.67	ng	0.00
78) Terphenyl-d14	20.10	244	1425932	74.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	29414	32.59	ng	97
3) Pyridine	3.87	79	95449	35.19	ng	97
4) n-Nitrosodimethylamine	3.78	42	63013	44.07	ng	# 97
6) Aniline	7.38	93	128051	28.64	ng	98
8) 2-Chlorophenol	7.62	128	111432	43.96	ng	97
9) Benzaldehyde	7.20	77	17302	7.23	ng	# 83
10) Phenol	7.26	94	165269	46.64	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	108443	38.89	ng	89
12) 1,3-Dichlorobenzene	7.94	146	113648	38.30	ng	97
13) 1,4-Dichlorobenzene	8.09	146	116928	37.20	ng	93
14) 1,2-Dichlorobenzene	8.41	146	110770	37.54	ng	98
15) Benzyl Alcohol	8.31	79	147020	49.50	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	145942	39.05	ng	96
17) 2-Methylphenol	8.52	107	107708	45.11	ng	95
18) Hexachloroethane	9.14	117	47779	39.47	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	122874	41.29	ng	97
20) 3+4-Methylphenols	8.85	107	149723	45.00	ng	98
22) Acetophenone	8.89	105	173245	35.76	ng	# 96
24) Nitrobenzene	9.28	77	190966	42.37	ng	# 93
25) Isophorone	9.80	82	332505	40.91	ng	96
26) 2-Nitrophenol	9.99	139	66933	39.06	ng	97
27) 2,4-Dimethylphenol	10.06	122	124884	42.89	ng	88
28) bis(2-Chloroethoxy)methane	10.28	93	170758	41.61	ng	95
29) 2,4-Dichlorophenol	10.55	162	139717	45.29	ng	93
30) 1,2,4-Trichlorobenzene	10.75	180	135671	40.09	ng	96
31) Naphthalene	10.94	128	365230	37.88	ng	99
32) Benzoic acid	10.22	122	68055m	28.78	ng	
33) 4-Chloroaniline	11.06	127	72215	17.94	ng	96
34) Hexachlorobutadiene	11.21	225	105272	41.42	ng	96
35) Caprolactam	11.85	113	47903m	44.05	ng	
36) 4-Chloro-3-methylphenol	12.19	107	177920	43.16	ng	97
37) 2-Methylnaphthalene	12.55	142	291885	39.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	167178	29.82	ng	99
40) Hexachlorocyclopentadiene	12.88	237	202672	61.76	ng	98

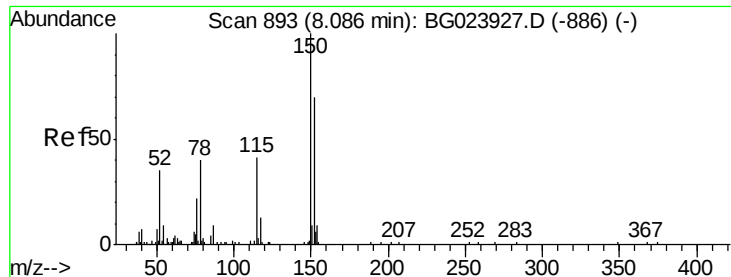
Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
 Data File : BG024024.D
 Acq On : 19 Sep 2016 18:53
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 01:00:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	128562	34.36	nq	97
43) 2,4,5-Trichlorophenol	13.25	196	131607	34.80	nq	96
45) 1,1'-Biphenyl	13.55	154	393974	29.00	nq	98
46) 2-Chloronaphthalene	13.60	162	336941	33.78	nq	98
47) 2-Nitroaniline	13.82	65	158868	40.43	nq	99
48) Acenaphthylene	14.45	152	557796	33.55	nq	96
49) Dimethylphthalate	14.18	163	506775	34.99	nq	98
50) 2,6-Dinitrotoluene	14.31	165	111093	36.33	nq	97
51) Acenaphthene	14.79	154	358016	34.83	nq	96
52) 3-Nitroaniline	14.66	138	64748	22.64	nq	90
53) 2,4-Dinitrophenol	14.87	184	122977	57.05	nq	93
54) Dibenzofuran	15.13	168	595455	37.11	nq	99
55) 4-Nitrophenol	14.99	139	141848	62.34	nq	# 78
56) 2,4-Dinitrotoluene	15.11	165	162932	36.25	nq	# 87
57) Fluorene	15.78	166	494705	35.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	149863	39.04	nq	94
59) Diethylphthalate	15.54	149	544917	35.24	nq	100
60) 4-Chlorophenyl-phenylether	15.77	204	265929	35.51	nq	98
61) 4-Nitroaniline	15.83	138	99255	34.33	nq	89
62) Azobenzene	16.06	77	626188	41.81	nq	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	101721	35.96	nq	91
65) n-Nitrosodiphenylamine	15.99	169	457841	39.57	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	201306	40.61	nq	99
67) Hexachlorobenzene	16.80	284	210717	36.25	nq	96
68) Atrazine	16.94	200	197488	39.67	nq	96
69) Pentachlorophenol	17.15	266	200970	65.09	nq	99
70) Phenanthrene	17.54	178	863924	40.76	nq	99
71) Anthracene	17.63	178	894091	41.36	nq	96
72) Carbazole	17.91	167	758102	38.64	nq	97
73) Di-n-butylphthalate	18.44	149	928700	39.68	nq	97
74) Fluoranthene	19.55	202	1023212	40.10	nq	96
76) Benzidine	19.74	184	348283	25.75	nq	96
77) Pyrene	19.91	202	1021207	38.02	nq	93
79) Butylbenzylphthalate	20.78	149	394029	38.05	nq	98
80) Benzo(a)anthracene	21.78	228	1014867	41.51	nq	93
81) 3,3'-Dichlorobenzidine	21.69	252	240924	24.65	nq	# 92
82) Chrysene	21.85	228	953312	40.96	nq	98
83) Bis(2-ethylhexyl)phthalate	21.65	149	567901	40.05	nq	96
84) Di-n-octyl phthalate	22.90	149	983393	42.29	nq	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	1205056	46.77	nq	# 100
87) Benzo(b)fluoranthene	24.07	252	1061184	43.24	nq	# 98
88) Benzo(k)fluoranthene	24.14	252	1035438	42.55	nq	# 98
89) Benzo(a)pyrene	24.98	252	1035798	44.45	nq	# 96
90) Dibenzo(a,h)anthracene	29.03	278	998069	43.55	nq	# 96
91) Benzo(g,h,i)perylene	30.17	276	995085	45.15	nq	# 98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 888

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

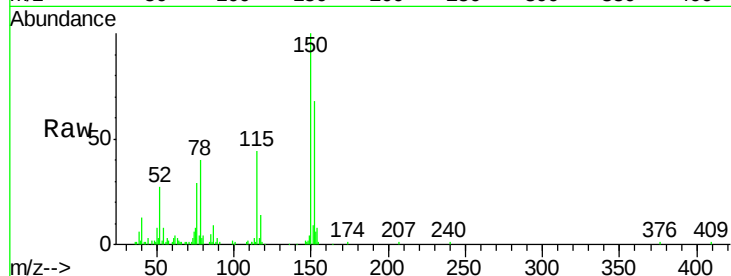
Tot Ion:152 Resp: 38419

Ion Ratio Lower Upper

152 100

150 147.2 144.7 217.1

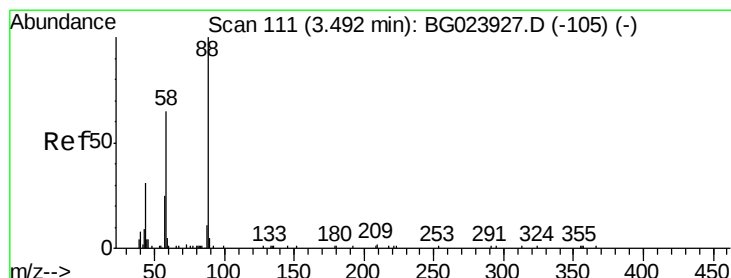
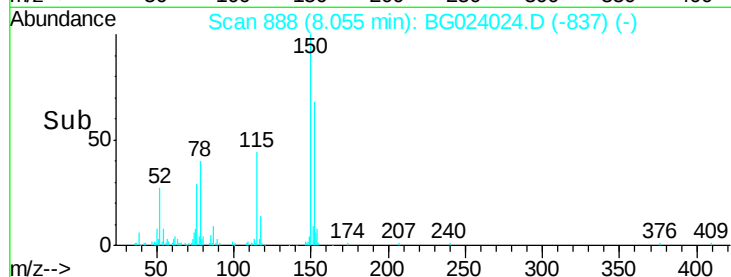
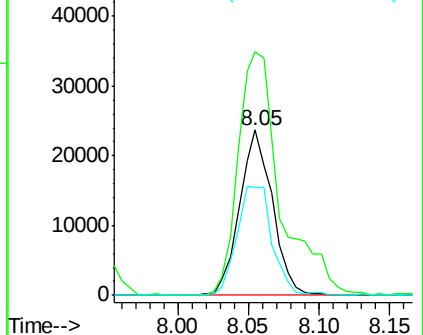
115 65.4 64.0 96.0



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: 32.59 ng

RT: 3.45 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

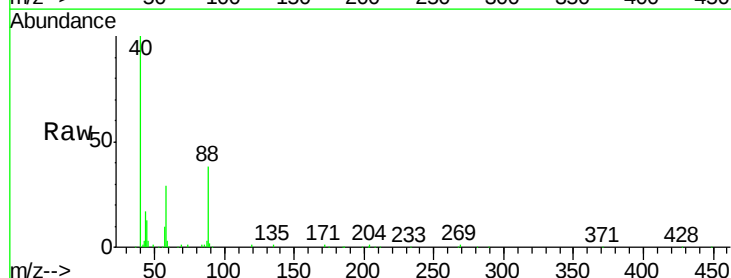
Tgt Ion: 88 Resp: 29414

Ion Ratio Lower Upper

88 100

58 77.7 60.4 90.6

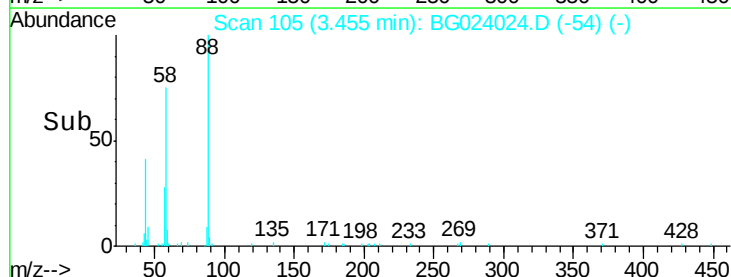
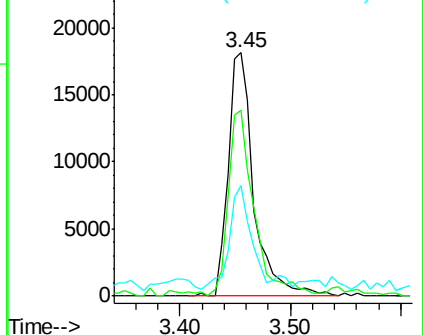
43 36.3 31.1 46.7

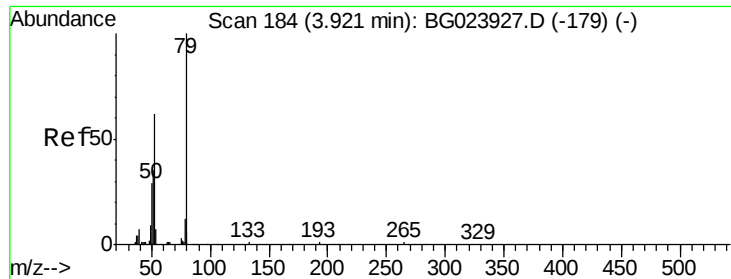


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.19 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

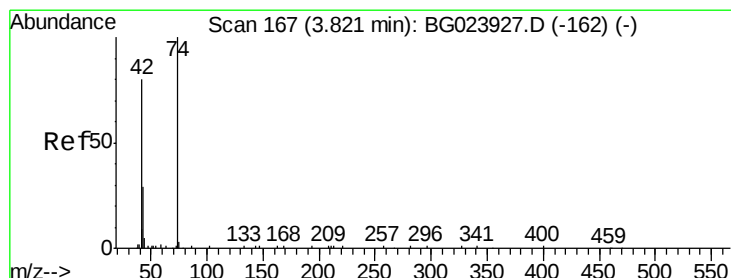
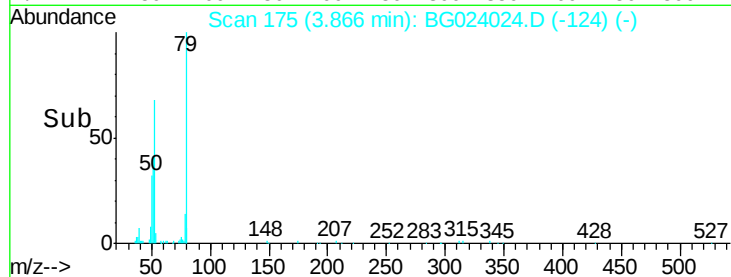
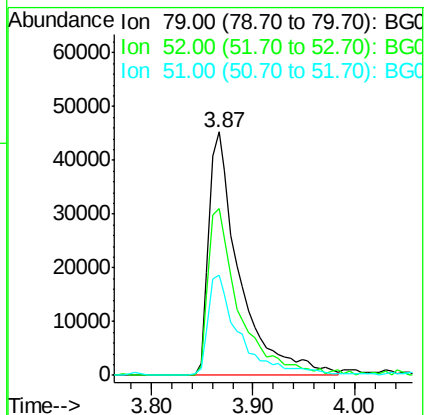
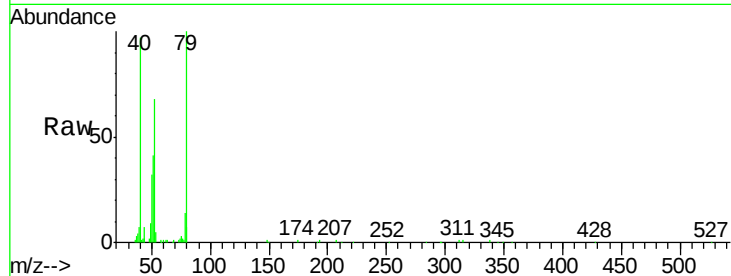
Tot Ion: 79 Resp: 95449

Ion Ratio Lower Upper

79 100

52 68.4 51.8 77.8

51 41.3 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 44.07 ng

RT: 3.78 min Scan# 161

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

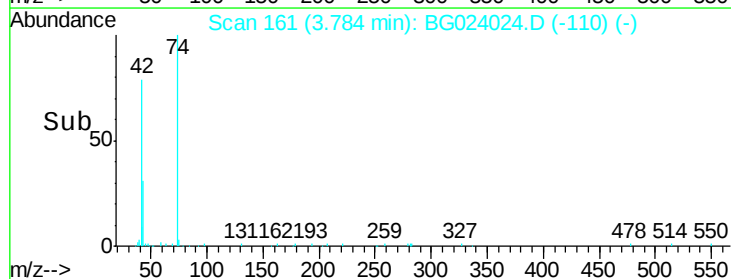
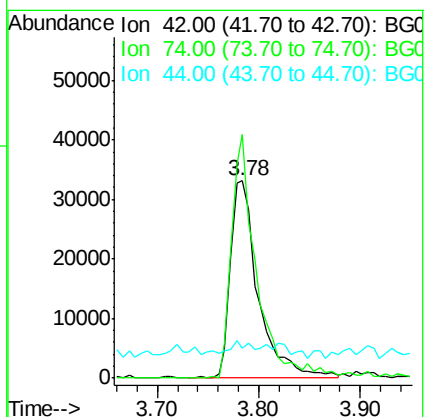
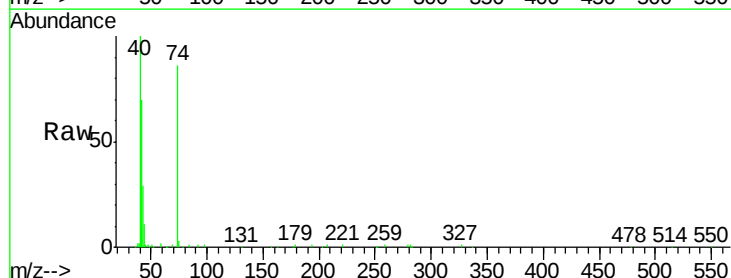
Tgt Ion: 42 Resp: 63013

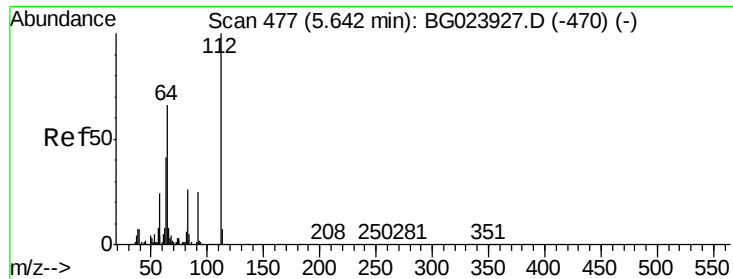
Ion Ratio Lower Upper

42 100

74 123.6 100.6 150.8

44 15.2 4.5 6.7#





#5

2-Fluorophenol

Concen: 139.70 ng

RT: 5.60 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

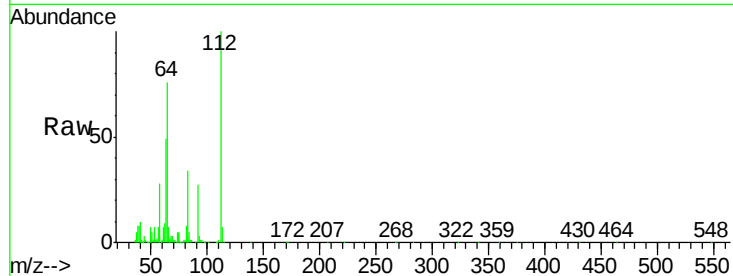
Tot Ion:112 Resp: 305709

Ion Ratio Lower Upper

112 100

64 75.5 59.0 88.4

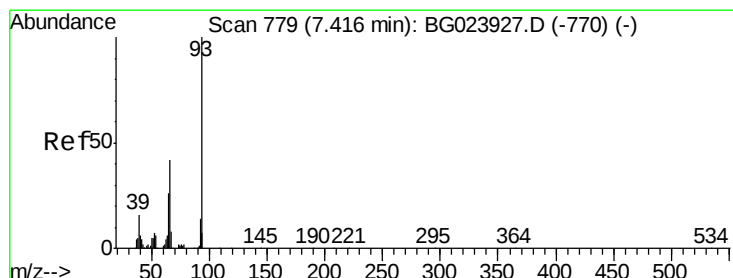
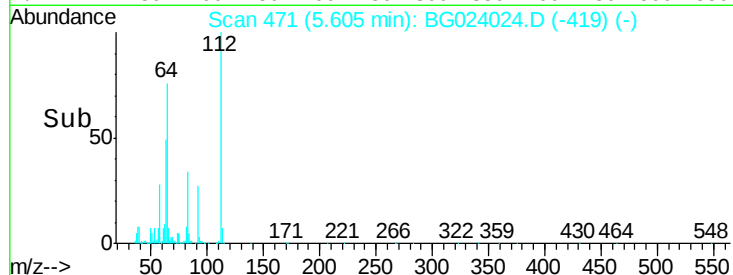
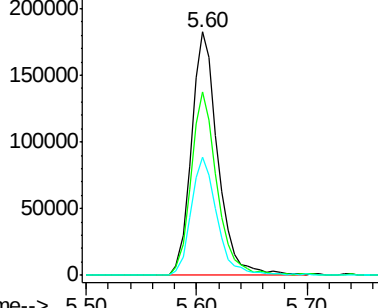
63 48.6 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.64 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

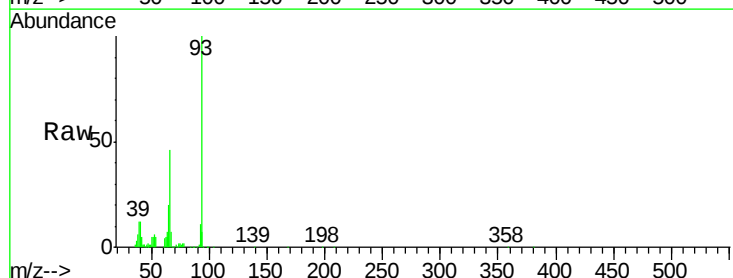
Tgt Ion: 93 Resp: 128051

Ion Ratio Lower Upper

93 100

66 46.4 37.5 56.3

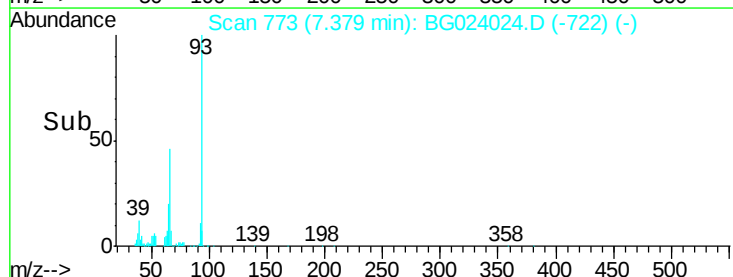
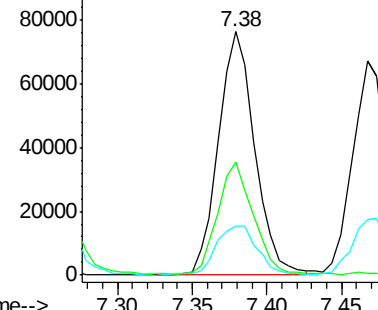
65 20.3 17.9 26.9

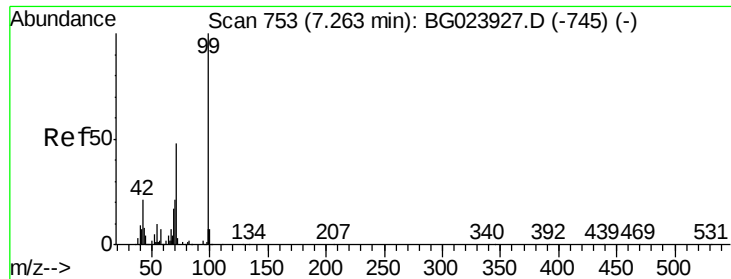


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.36 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

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ClientSampleId :

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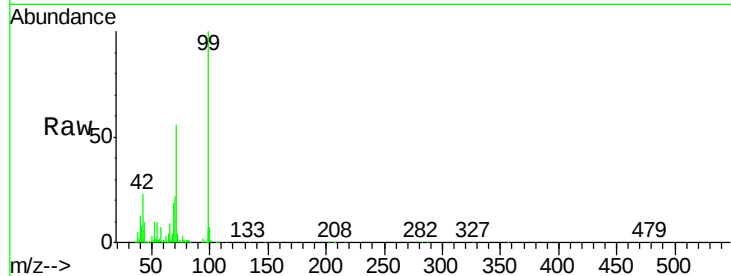
Tot Ion: 99 Resp: 466061

Ion Ratio Lower Upper

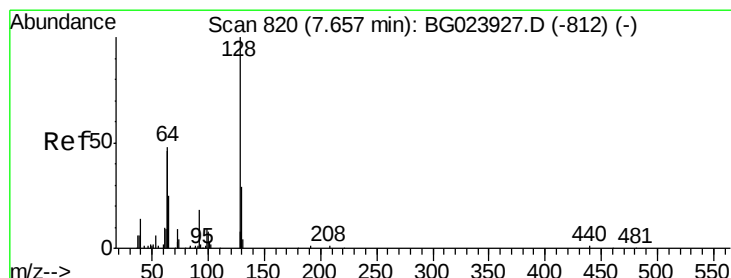
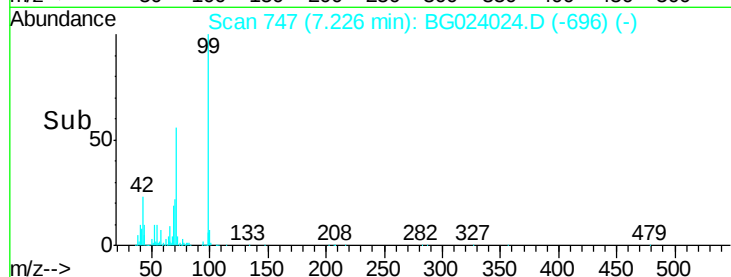
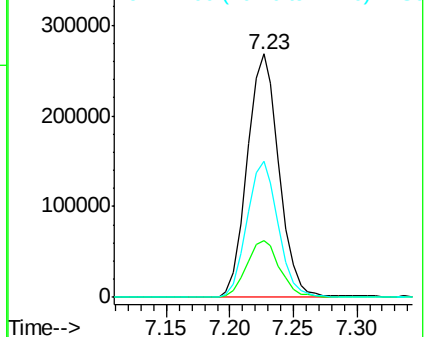
99 100

42 23.4 17.8 26.6

71 55.7 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.96 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

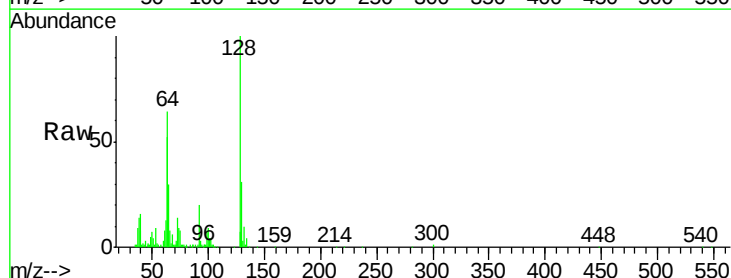
Tgt Ion: 128 Resp: 111432

Ion Ratio Lower Upper

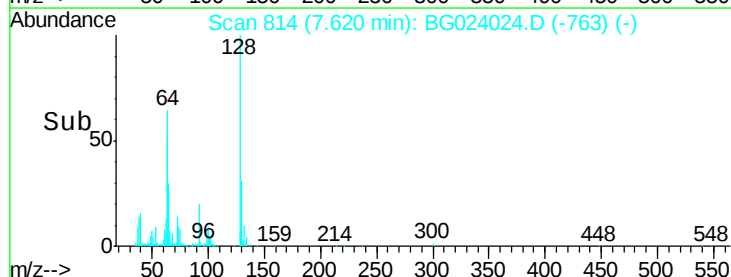
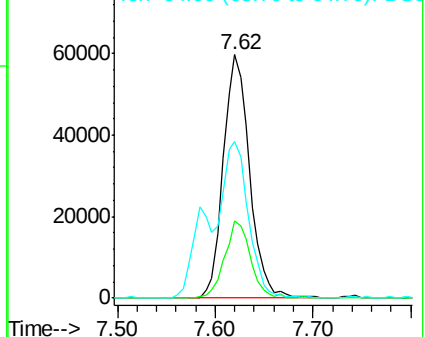
128 100

130 31.5 12.9 52.9

64 64.1 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: 7.23 ng

RT: 7.20 min Scan# 743

Delta R.T. 0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

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ClientSampleID :

PB93461BS

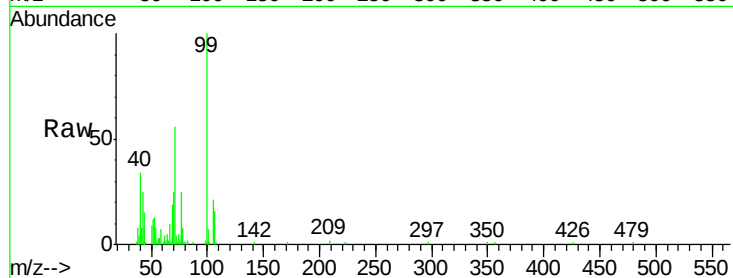
Tot Ion: 77 Resp: 17302

Ion Ratio Lower Upper

77 100

105 83.7 58.7 98.7

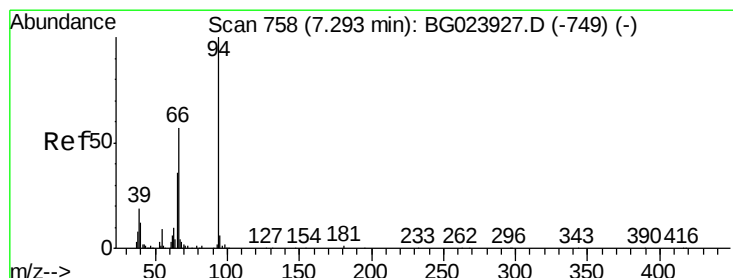
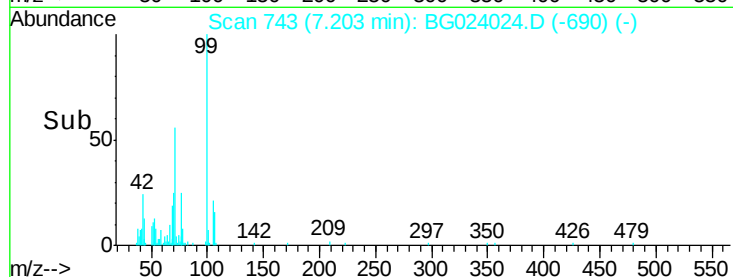
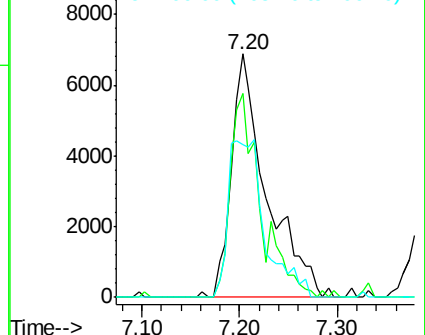
106 63.0 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.64 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

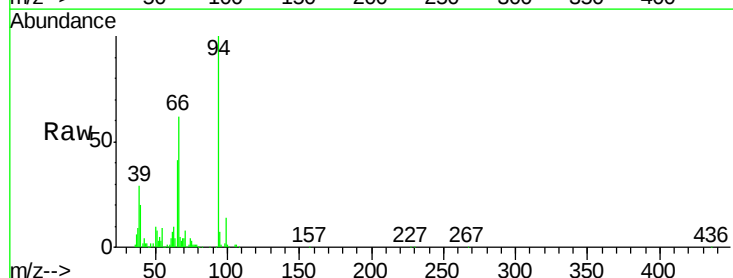
Tgt Ion: 94 Resp: 165269

Ion Ratio Lower Upper

94 100

65 41.1 18.1 58.1

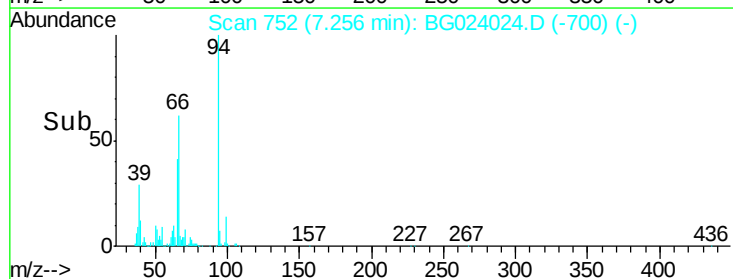
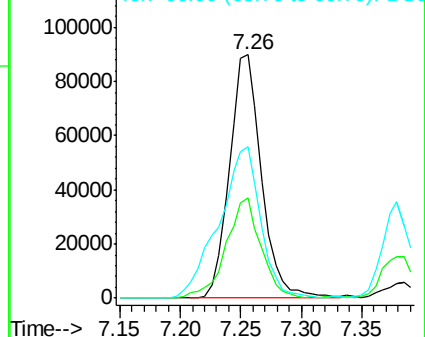
66 62.4 42.1 82.1

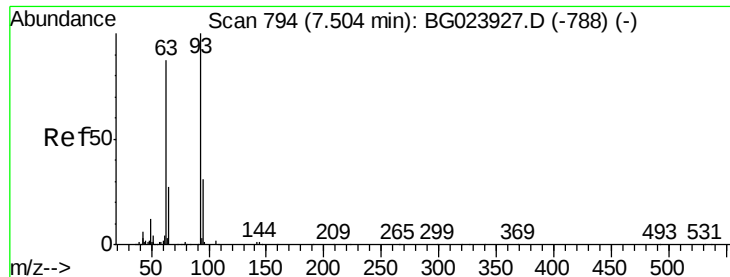


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

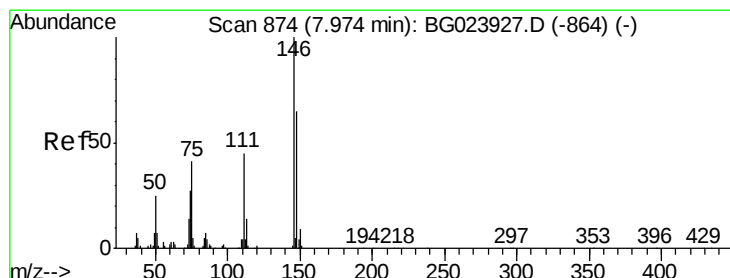
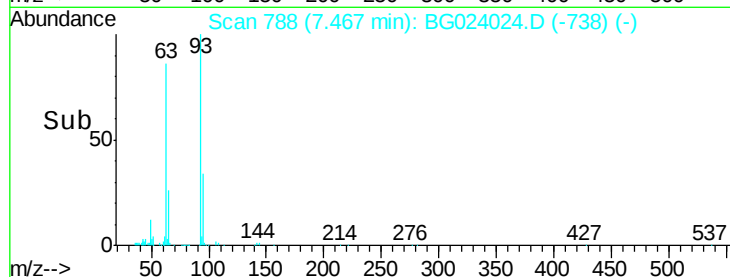
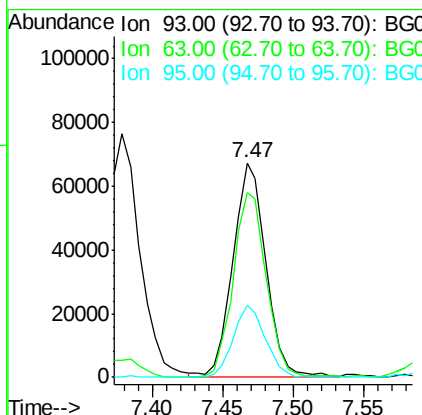
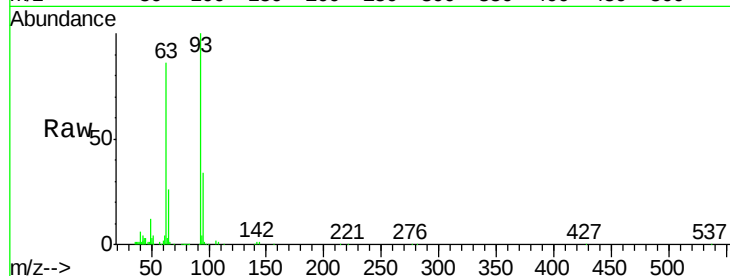




#11
bis(2-Chloroethyl)ether
Concen: 38.89 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

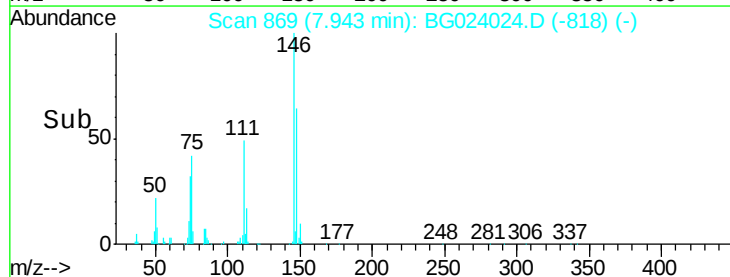
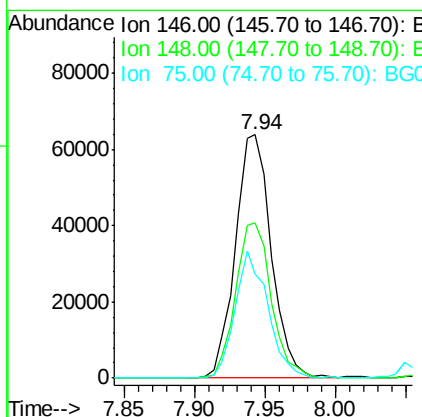
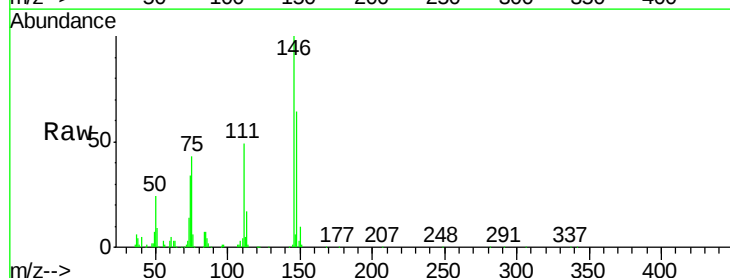
Instrument :
BNA_G
ClientSampleId :
PB93461BS

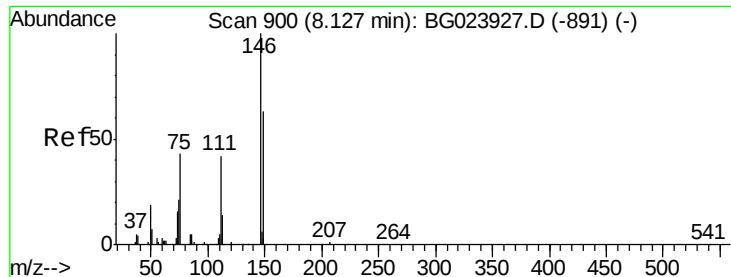
Tot Ion: 93 Resp: 108443
Ion Ratio Lower Upper
93 100
63 86.3 55.0 95.0
95 33.9 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 38.30 ng
RT: 7.94 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion: 146 Resp: 113648
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
75 42.9 37.0 55.6





#13

1,4-Dichlorobenzene

Concen: 37.20 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

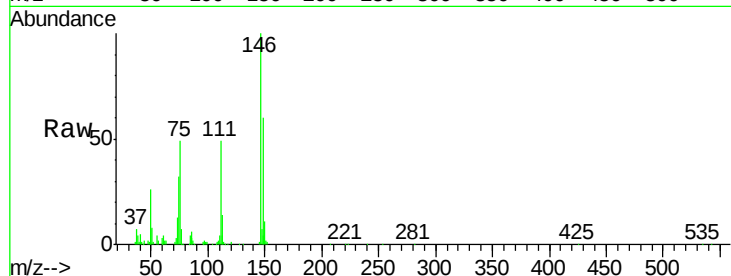
Tot Ion:146 Resp: 116928

Ion Ratio Lower Upper

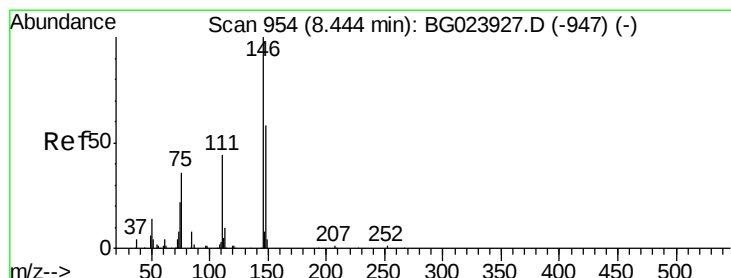
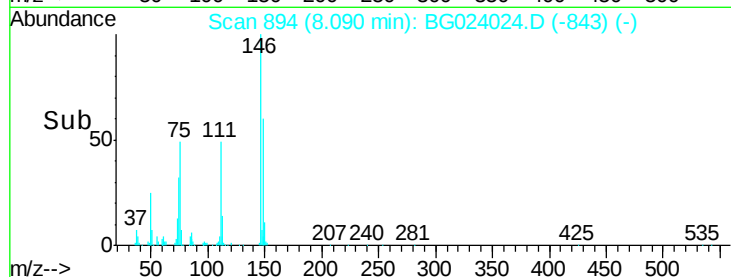
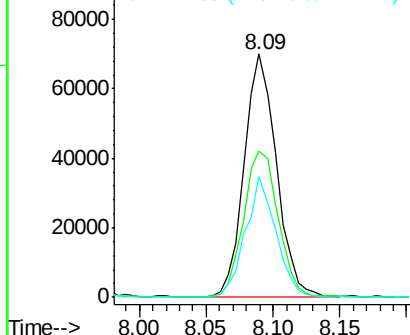
146 100

148 59.9 54.5 81.7

111 49.5 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: 37.54 ng

RT: 8.41 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

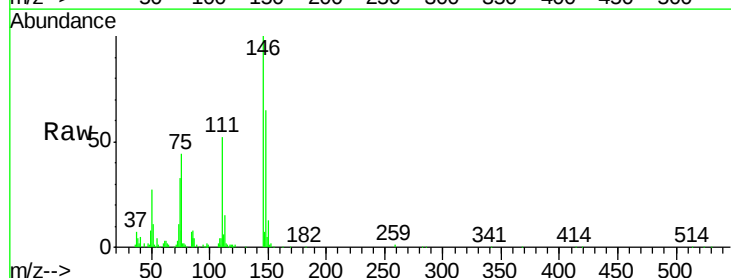
Tgt Ion:146 Resp: 110770

Ion Ratio Lower Upper

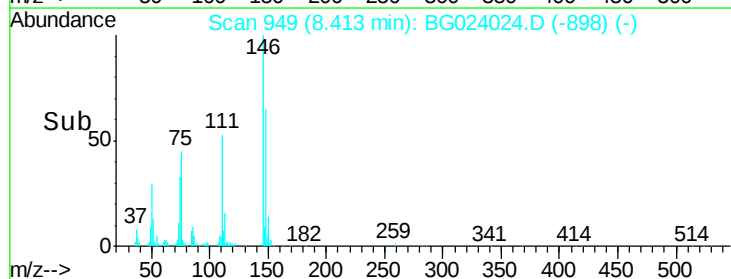
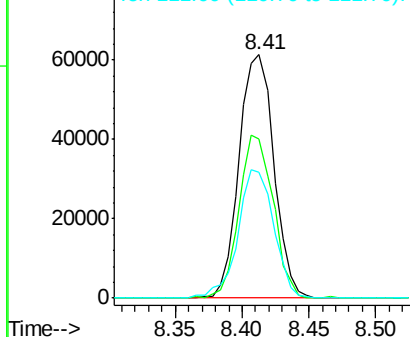
146 100

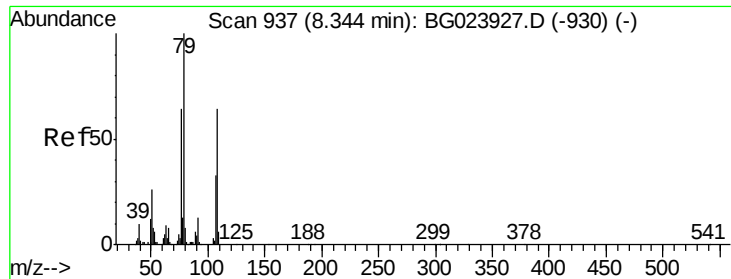
148 65.3 52.9 79.3

111 51.8 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

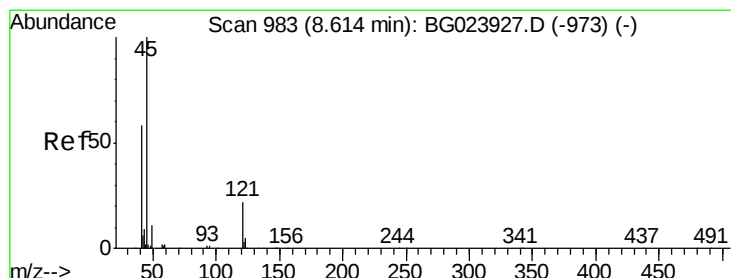
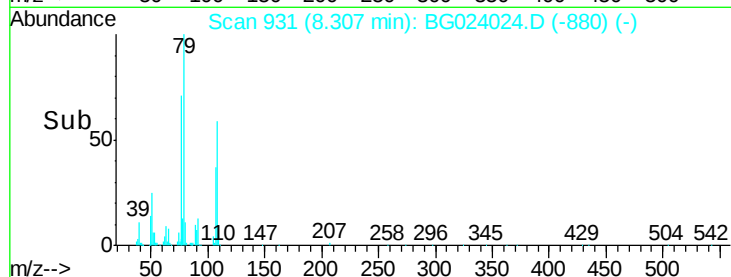
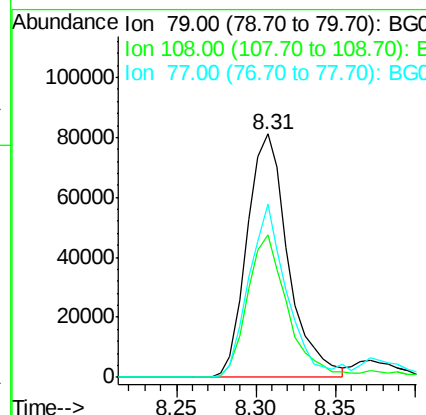
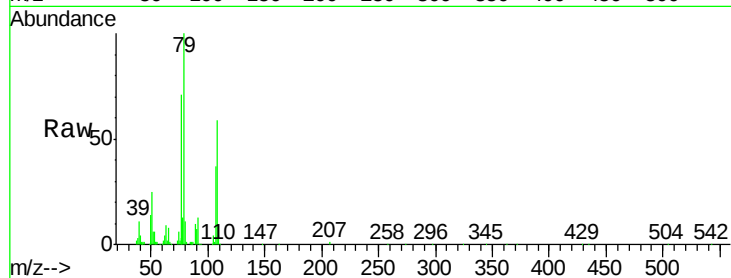




#15
Benzyl Alcohol
Concen: 49.50 ng
RT: 8.31 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

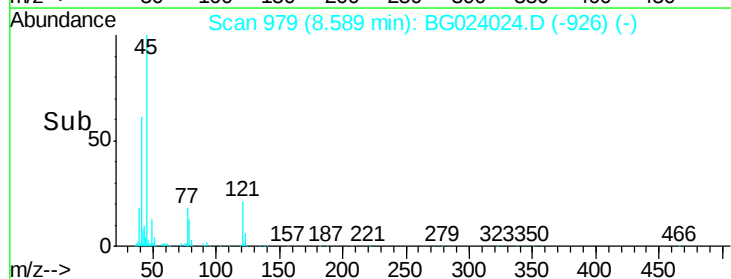
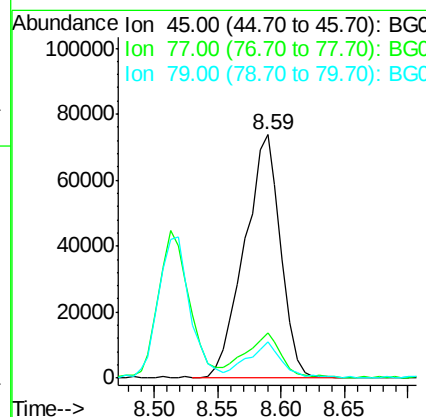
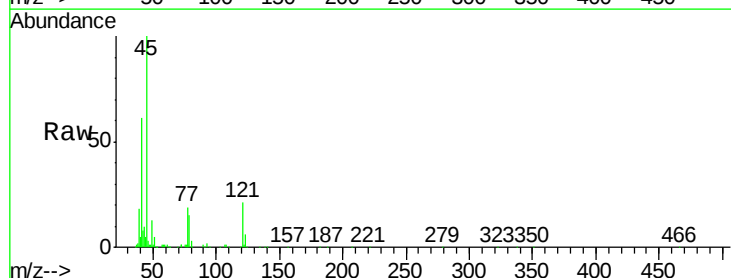
Instrument :
BNA_G
ClientSampleId :
PB93461BS

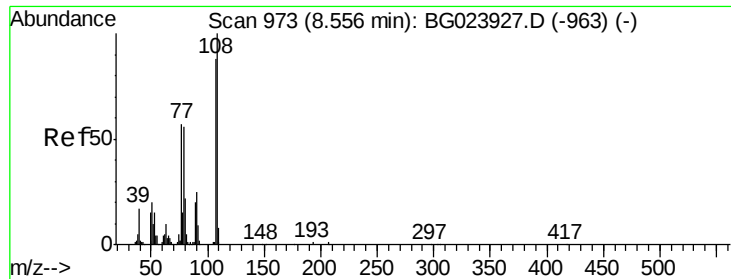
Tot Ion: 79 Resp: 147020
Ion Ratio Lower Upper
79 100
108 58.8 46.5 69.7
77 70.9 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.05 ng
RT: 8.59 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion: 45 Resp: 145942
Ion Ratio Lower Upper
45 100
77 18.8 0.6 40.6
79 14.8 0.0 36.2

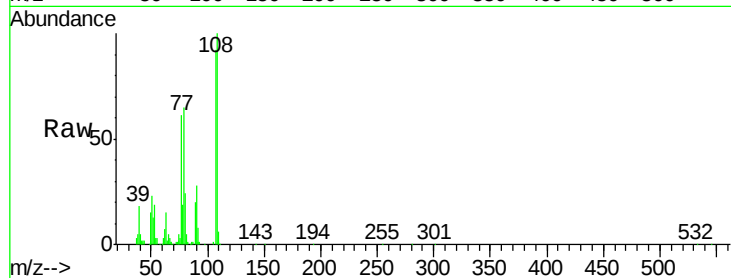




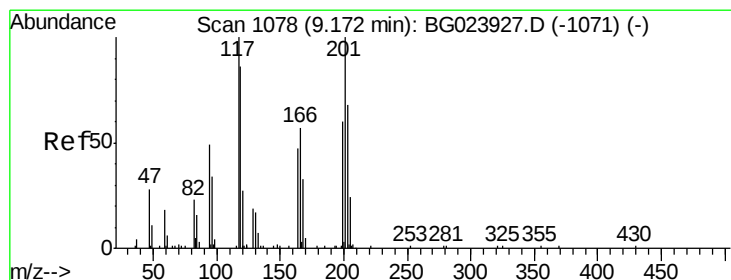
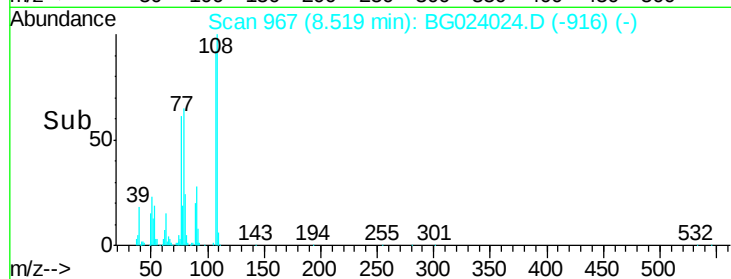
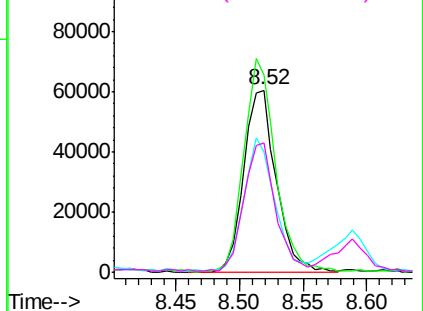
#17
2-Methylphenol
Concen: 45.11 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Instrument :
BNA_G
ClientSampleId :
PB93461BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	92.0	138.0
77	66.4	55.8	83.6
79	70.9	55.0	82.6

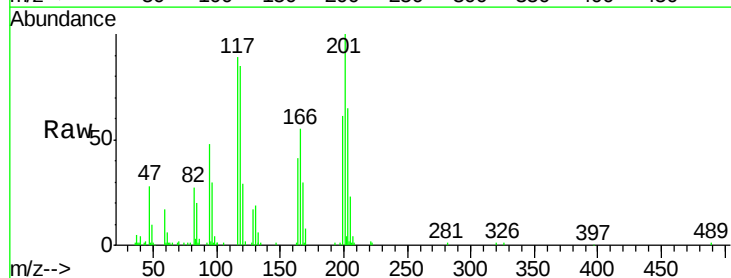


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

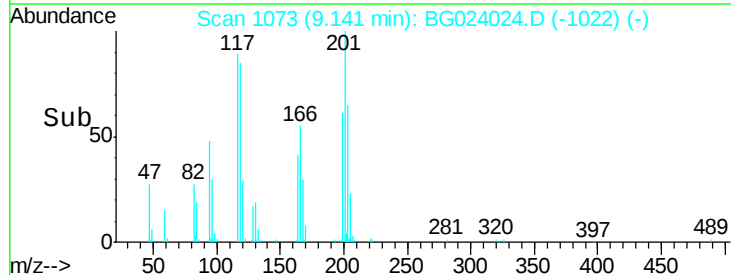
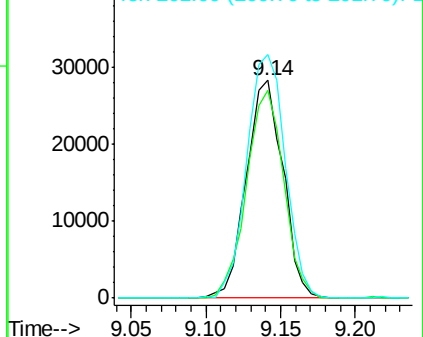


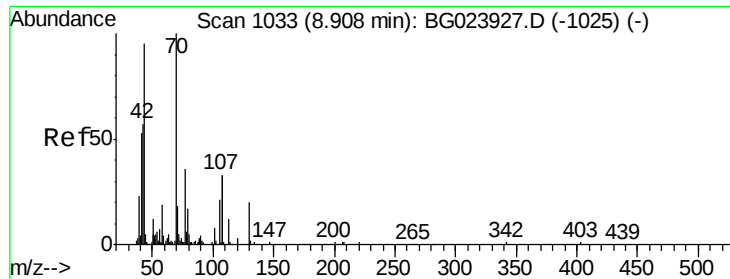
#18
Hexachloroethane
Concen: 39.47 ng
RT: 9.14 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.7	110.5
201	111.7	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

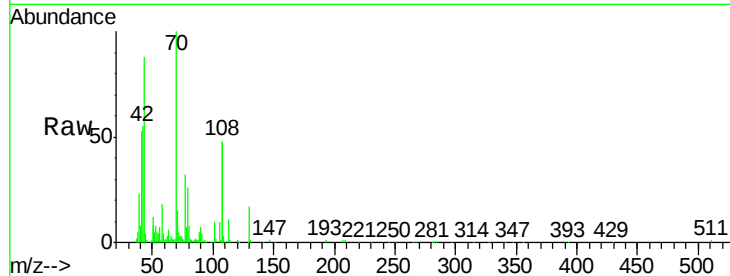




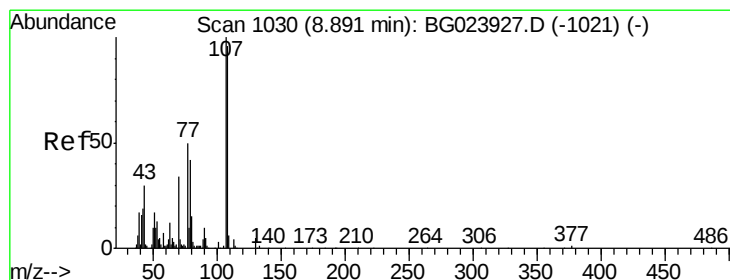
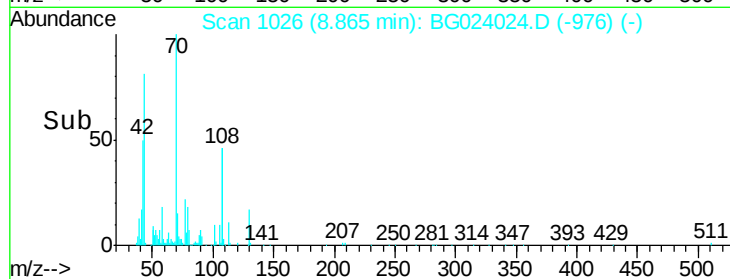
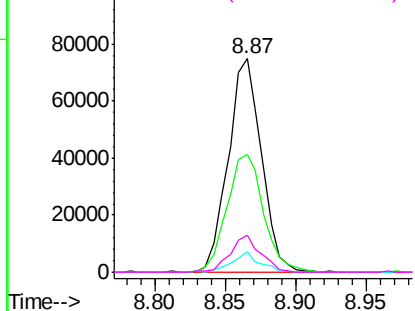
#19
n-Nitroso-di-n-propylamine
Concen: 41.29 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Instrument :
BNA_G
ClientSampleId :
PB93461BS

Tot Ion:	70	Resp:	122874
Ion	Ratio	Lower	Upper
70	100		
42	55.0	42.1	63.1
101	9.6	7.2	10.8
130	17.3	14.2	21.2

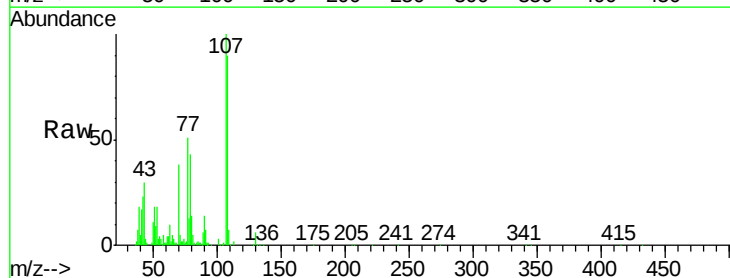


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

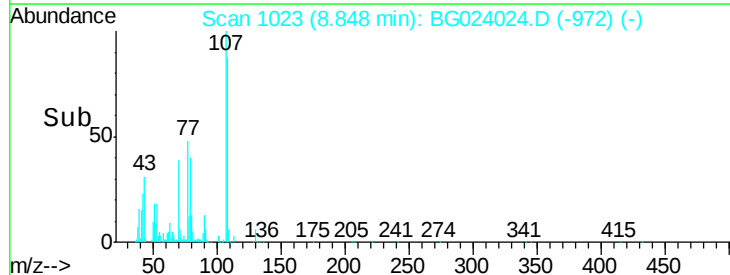
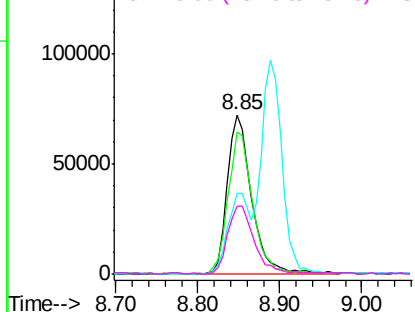


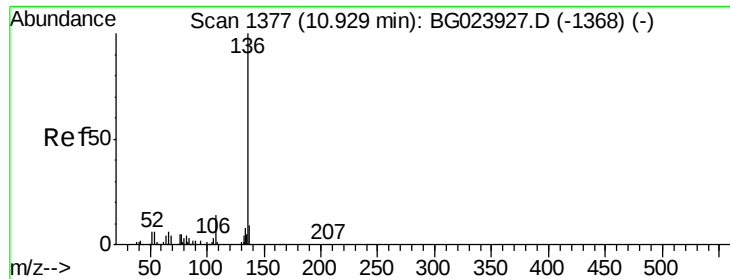
#20
3+4-Methylphenols
Concen: 45.00 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:	107	Resp:	149723
Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.5	112.5
77	50.6	30.1	70.1
79	42.6	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: 10.89 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

Tot Ion:136 Resp: 187117

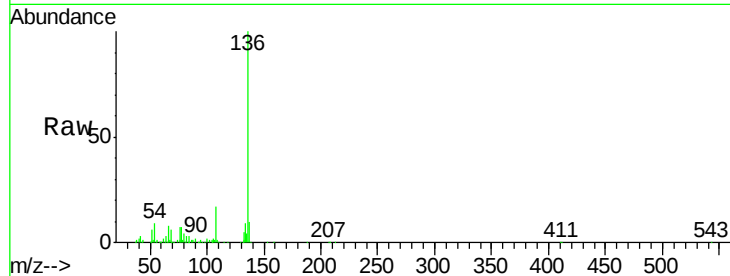
Ion Ratio Lower Upper

136 100

137 10.0 9.6 14.4

54 8.9 7.3 10.9

68 6.2 5.3 7.9

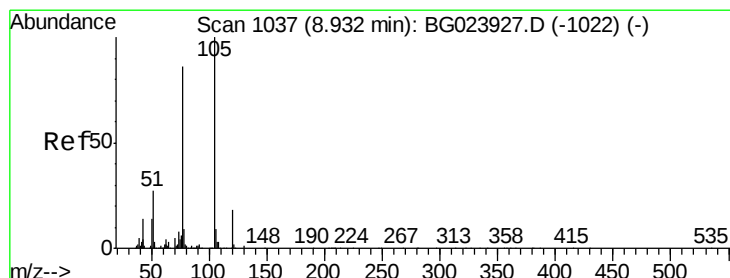
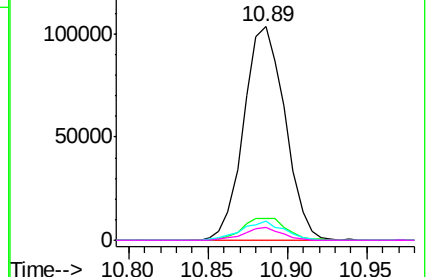
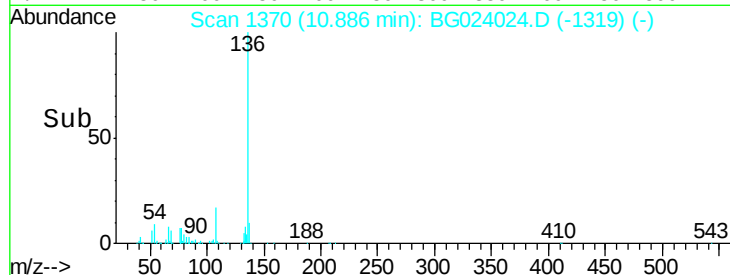


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.76 ng

RT: 8.89 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Tgt Ion:105 Resp: 173245

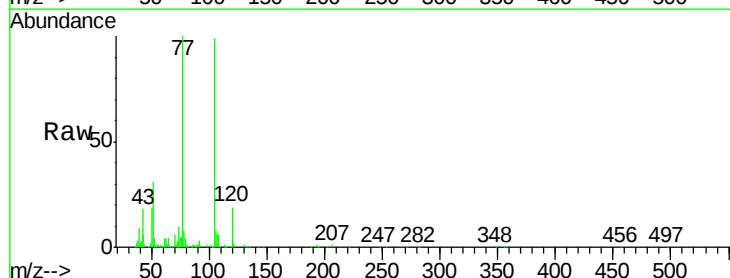
Ion Ratio Lower Upper

105 100

71 0.9 2.6 3.8#

51 31.2 27.1 40.7

120 19.3 15.1 22.7

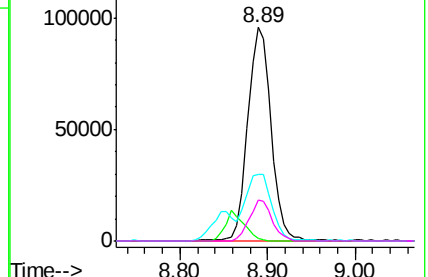
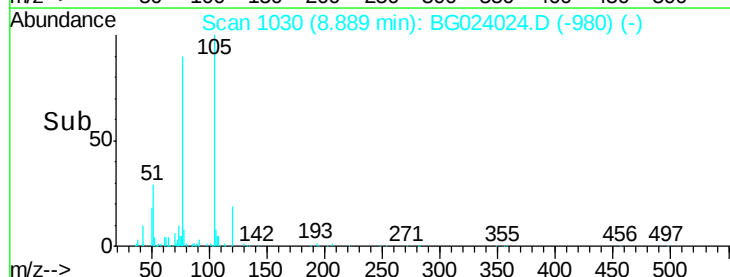


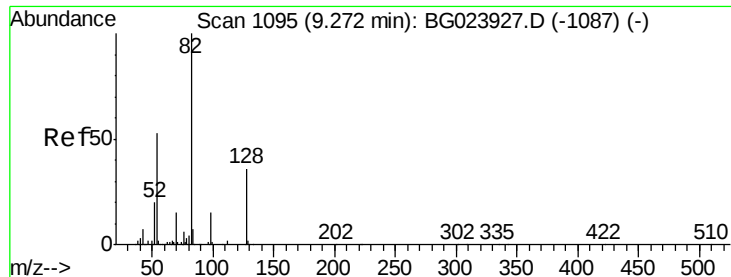
Abundance Ion 105.00 (104.70 to 105.70): E

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

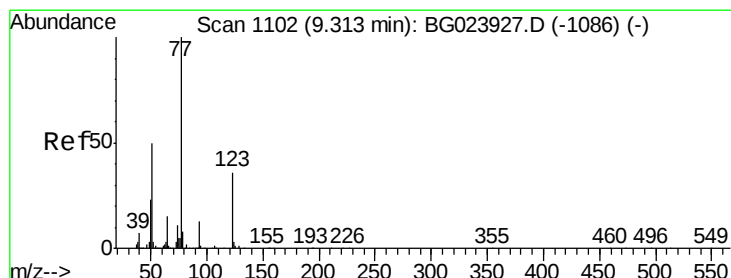
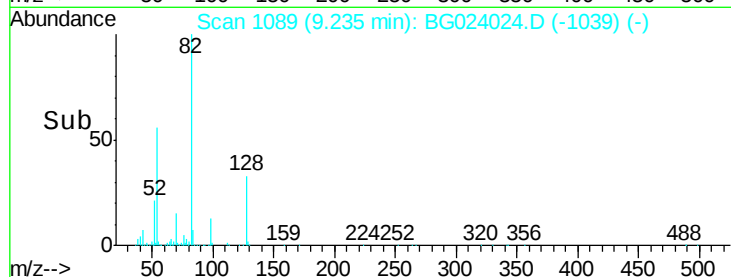
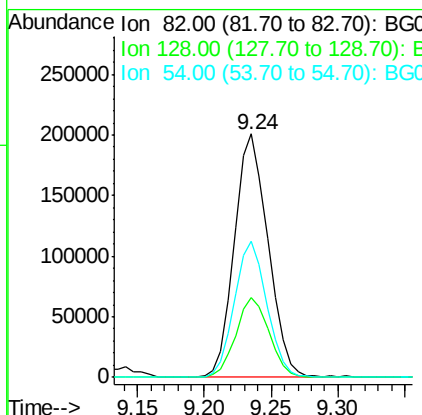
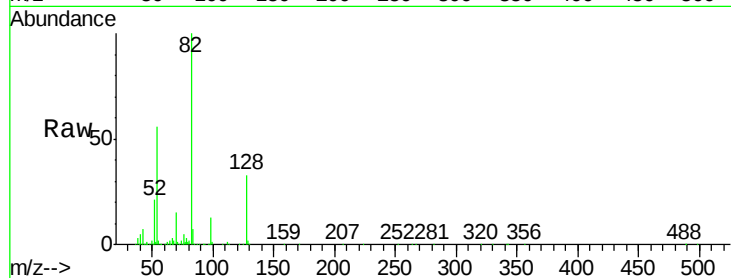




#23
 Nitrobenzene-d5
 Concen: 84.07 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

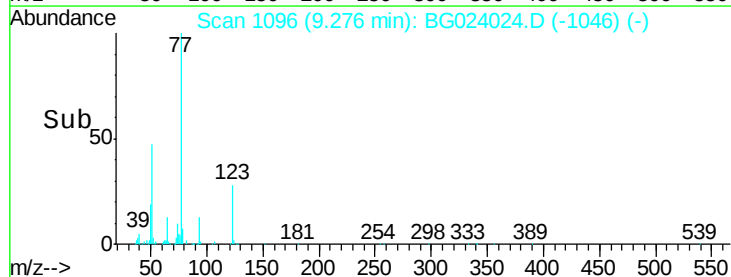
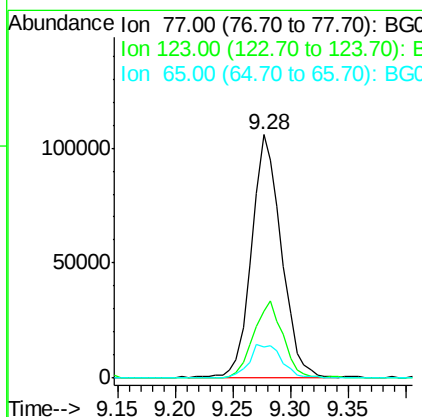
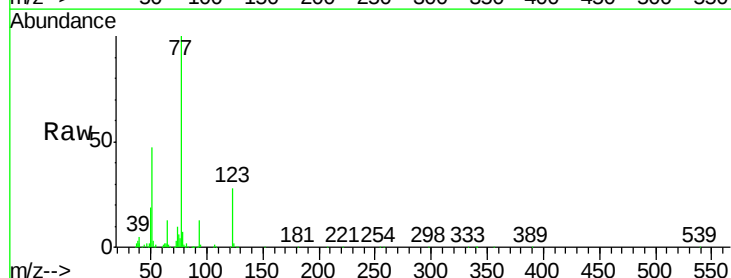
Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

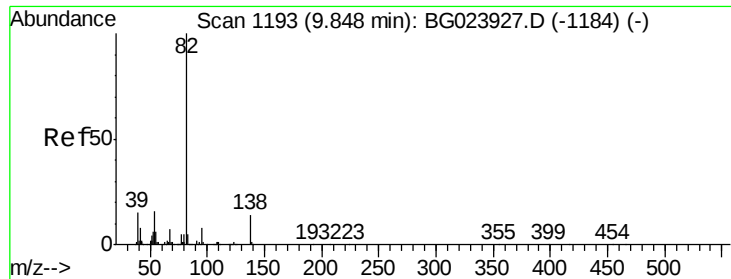
Tot Ion	82	Resp	352359
Ion Ratio	Lower	Upper	
82	100		
128	32.6	24.4	36.6
54	55.7	41.4	62.0



#24
 Nitrobenzene
 Concen: 42.37 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion	77	Resp	190966
Ion Ratio	Lower	Upper	
77	100		
123	27.6	25.0	37.6
65	13.0	13.4	20.0#





#25

Isophorone

Concen: 40.91 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

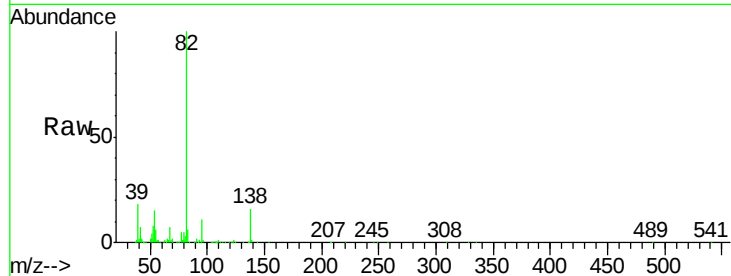
Tot Ion: 82 Resp: 332505

Ion Ratio Lower Upper

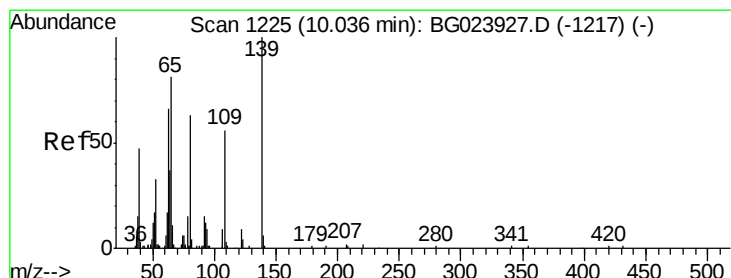
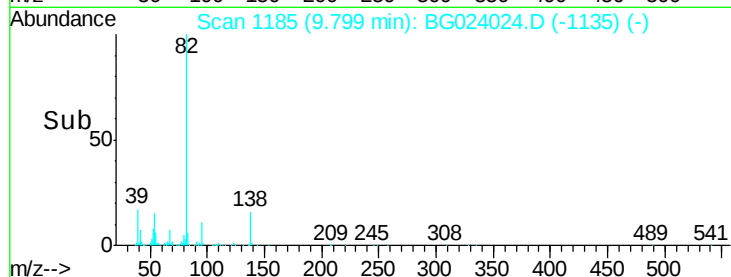
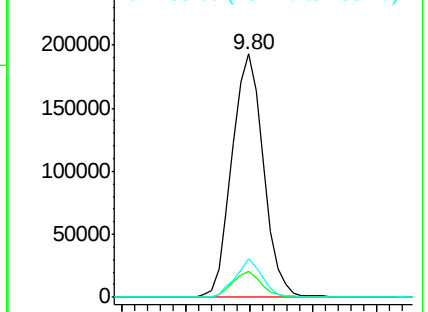
82 100

95 10.8 8.2 12.2

138 15.7 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: 39.06 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

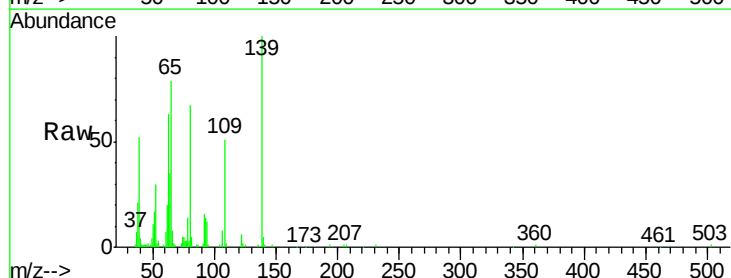
Tgt Ion: 139 Resp: 66933

Ion Ratio Lower Upper

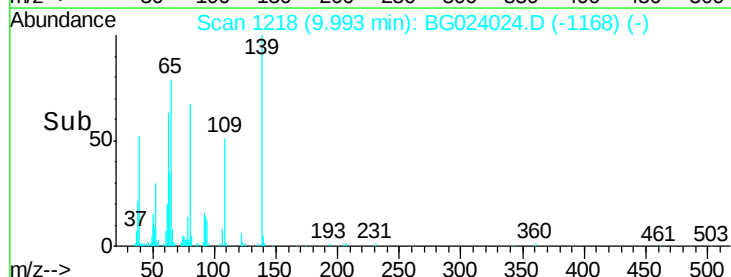
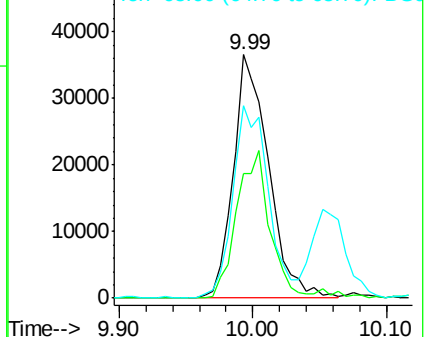
139 100

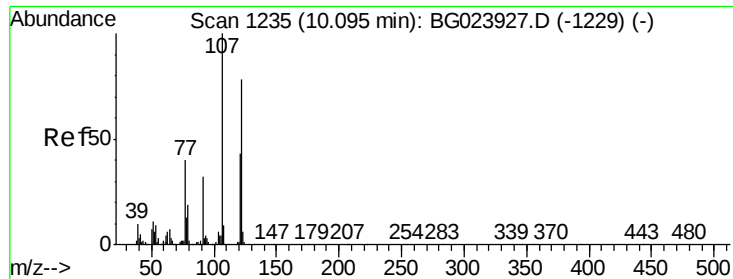
109 51.1 43.5 65.3

65 79.1 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

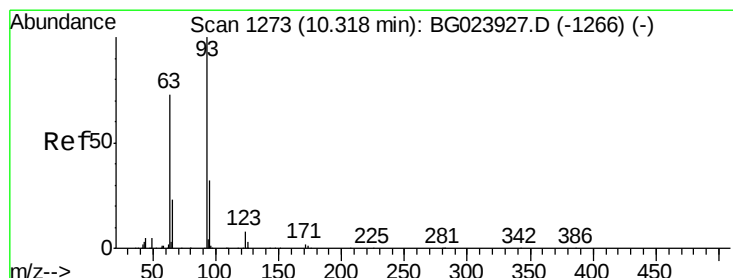
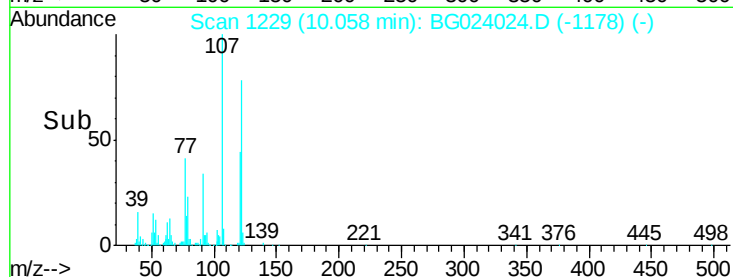
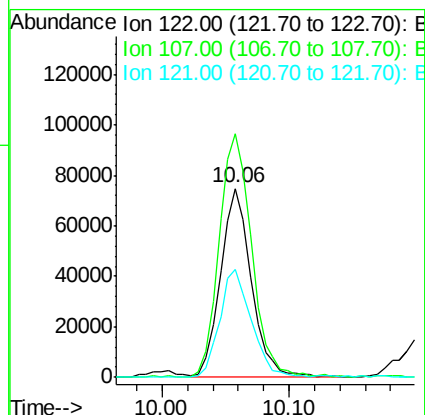
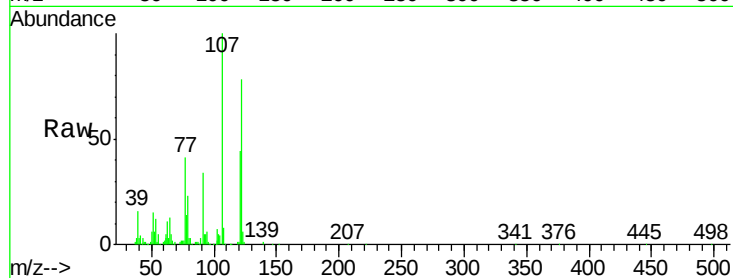




#27
 2,4-Dimethylphenol
 Concen: 42.89 ng
 RT: 10.06 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

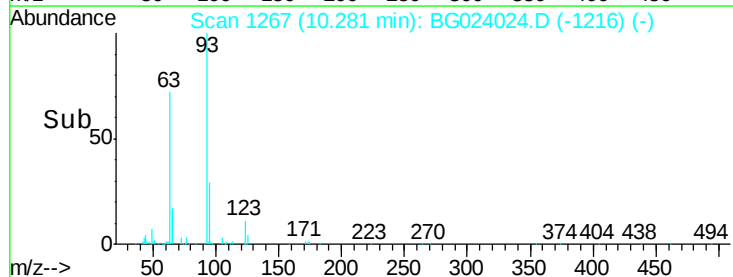
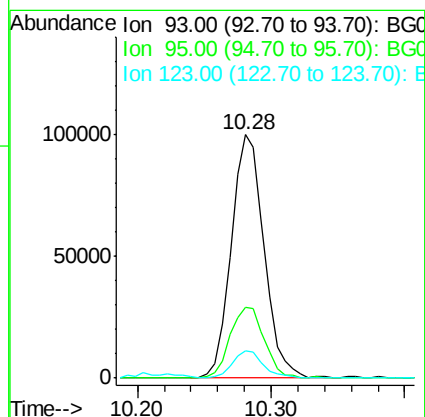
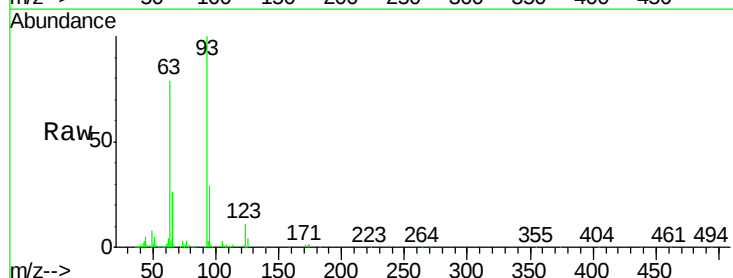
Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

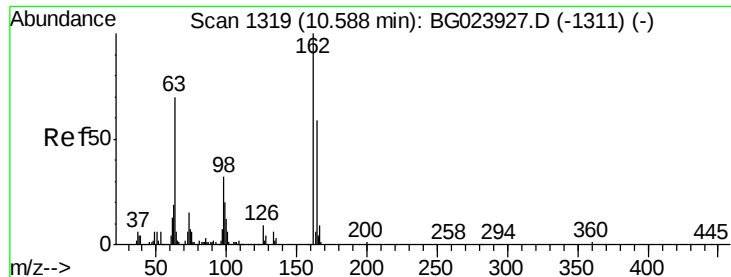
Tot Ion:122 Resp: 124884
 Ion Ratio Lower Upper
 122 100
 107 128.9 117.0 175.4
 121 57.2 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.61 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion: 93 Resp: 170758
 Ion Ratio Lower Upper
 93 100
 95 28.9 25.4 38.2
 123 11.0 8.2 12.2

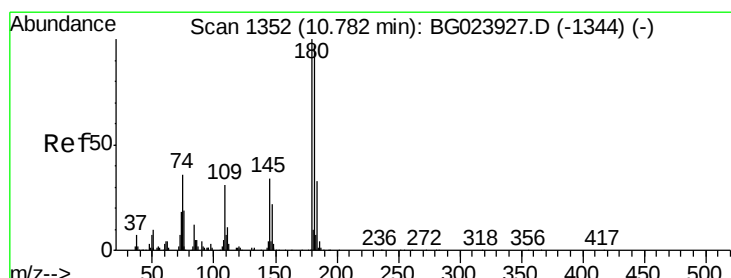
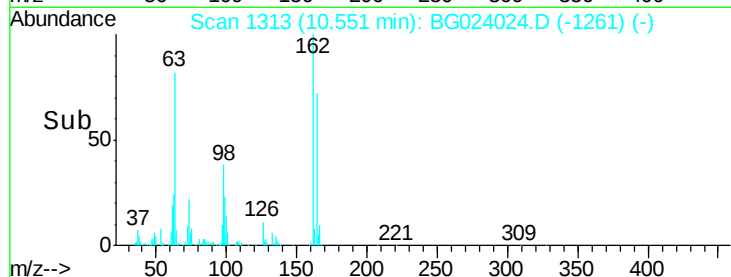
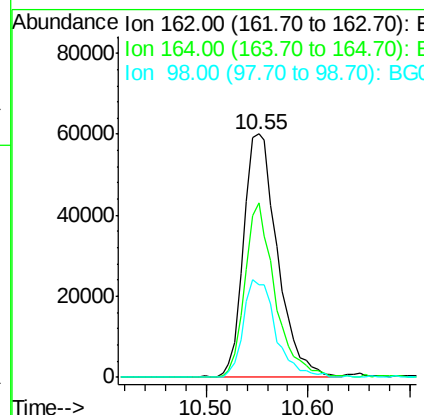
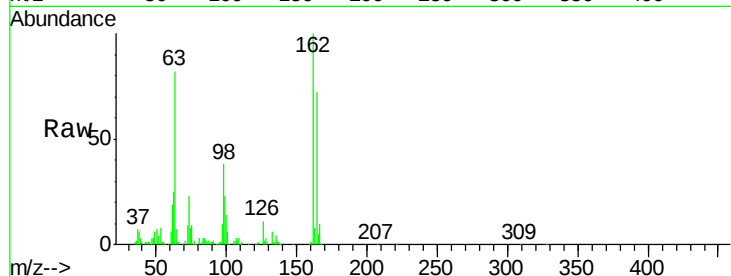




#29
 2,4-Dichlorophenol
 Concen: 45.29 ng
 RT: 10.55 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

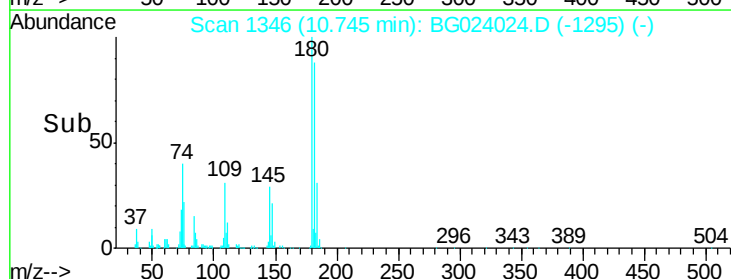
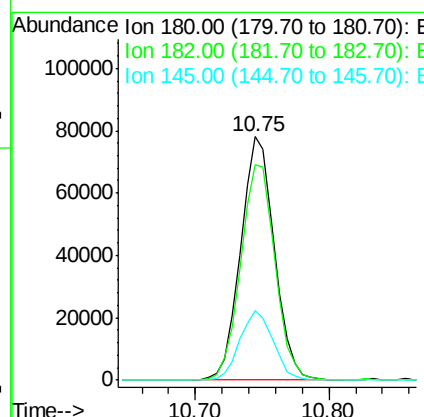
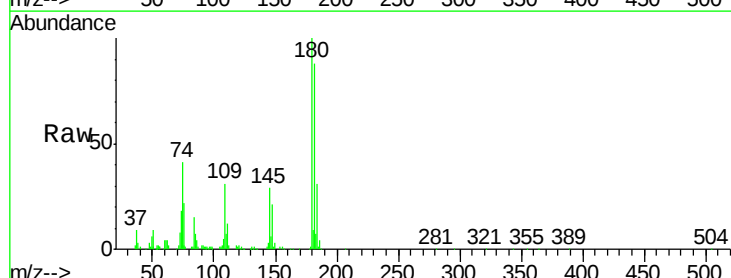
Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

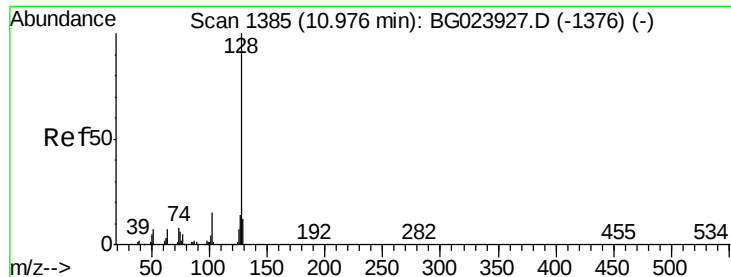
Tot Ion	Ratio	Lower	Upper
162	100		
164	71.8	44.3	84.3
98	37.8	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.09 ng
 RT: 10.75 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.3	73.8	110.8
145	28.7	24.4	36.6

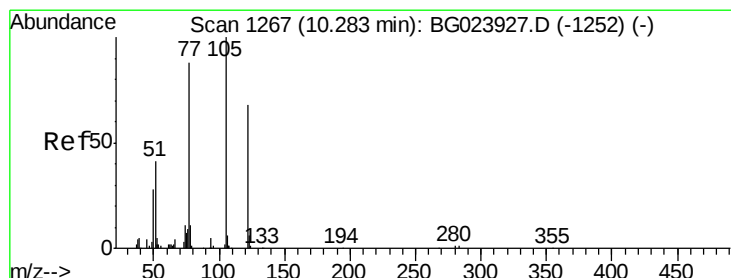
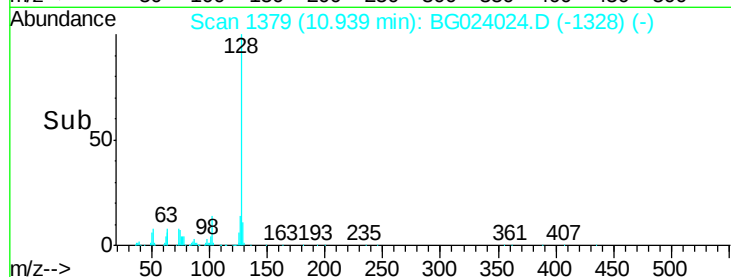
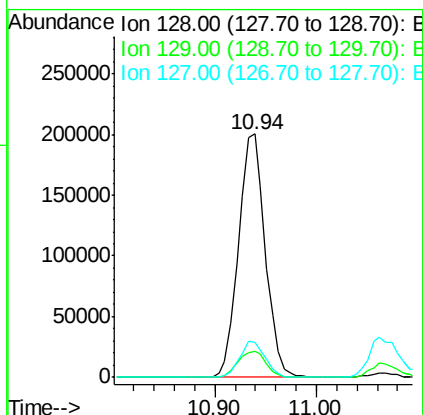
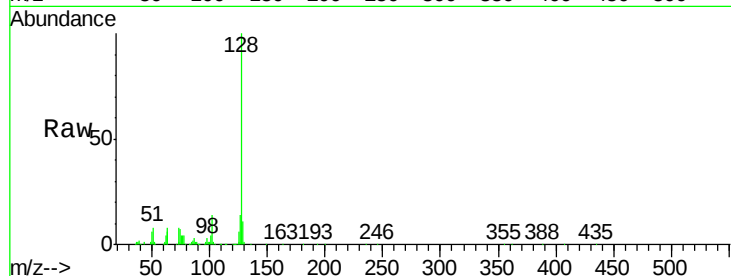




#31
Naphthalene
Concen: 37.88 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

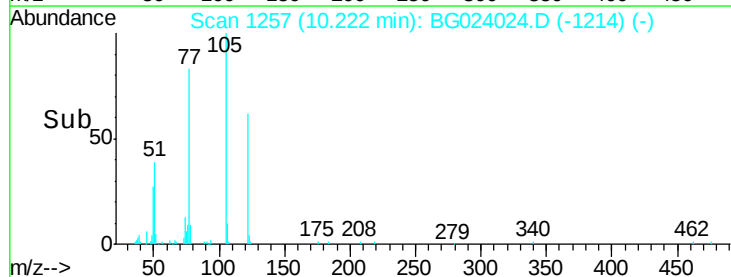
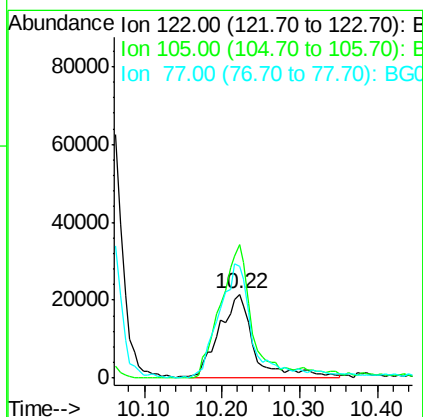
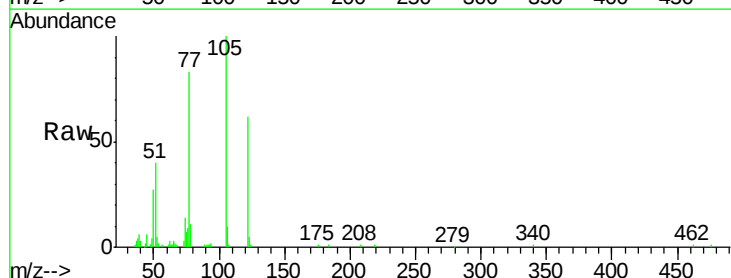
Instrument :
BNA_G
ClientSampleId :
PB93461BS

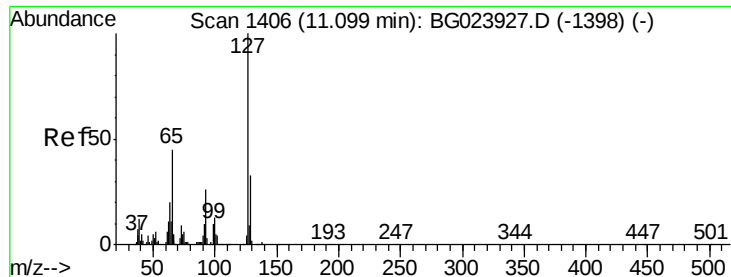
Tot Ion:128 Resp: 365230
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.0
127 14.4 11.3 16.9



#32
Benzoic acid
Concen: 28.78 ng m
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:122 Resp: 68055
Ion Ratio Lower Upper
122 100
105 160.5 117.2 157.2#
77 133.5 109.2 149.2

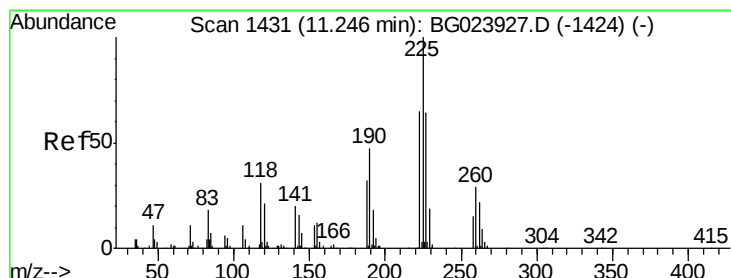
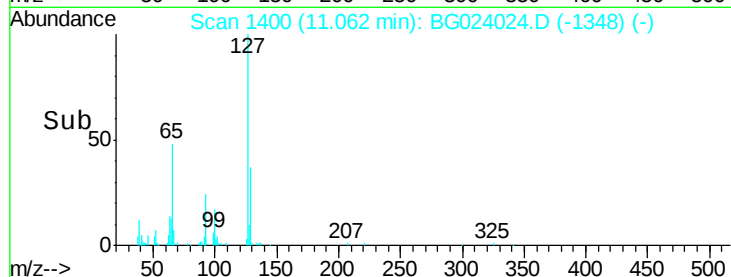
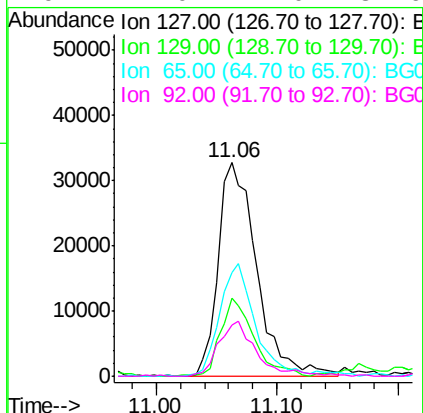
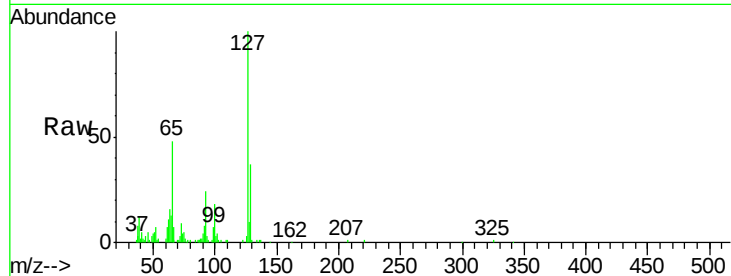




#33
4-Chloroaniline
Concen: 17.94 ng
RT: 11.06 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

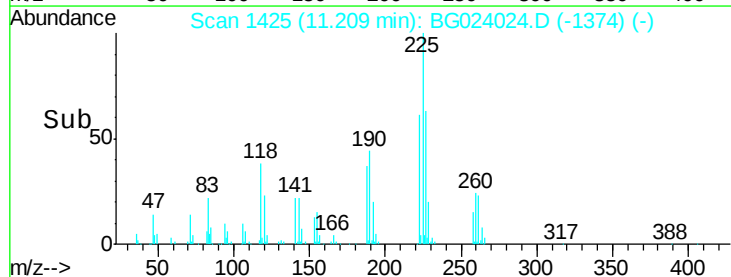
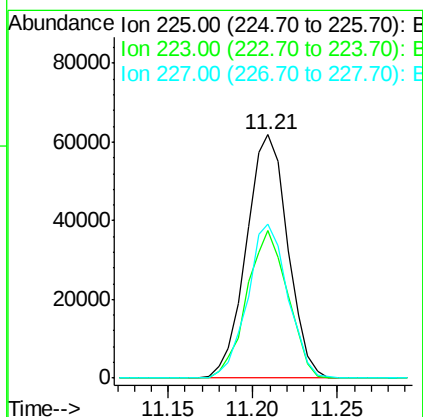
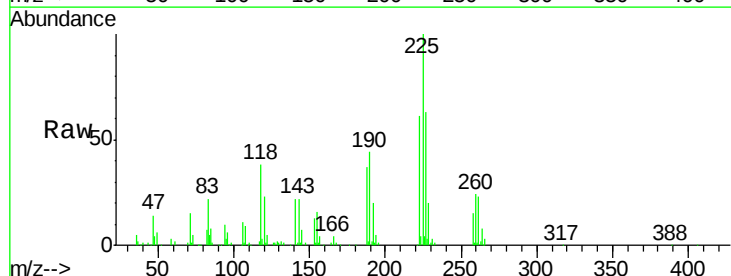
Instrument :
BNA_G
ClientSampleId :
PB93461BS

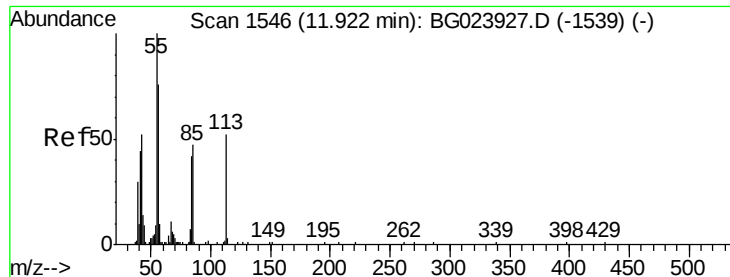
Tot Ion:127	Resp:	72215
Ion Ratio	Lower	Upper
127 100		
129 36.9	27.9	41.9
65 48.5	36.8	55.2
92 24.0	21.0	31.6



#34
Hexachlorobutadiene
Concen: 41.42 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion	225	Resp: Lower	105272 Upper
	Ratio		
225	100		
223	60.6	49.6	74.4
227	63.5	54.5	81.7

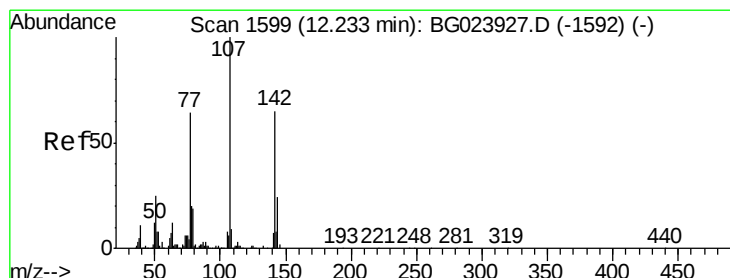
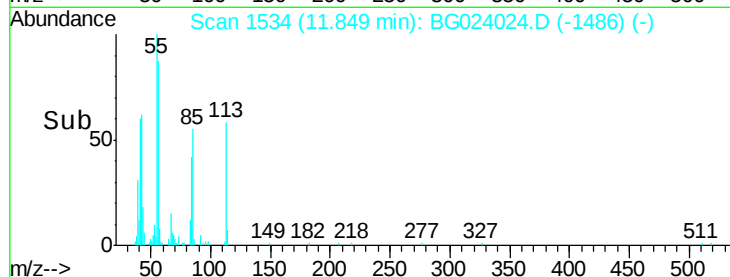
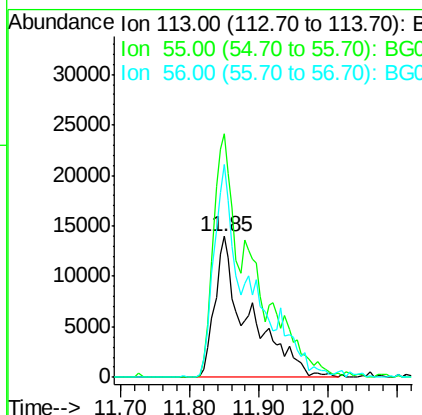
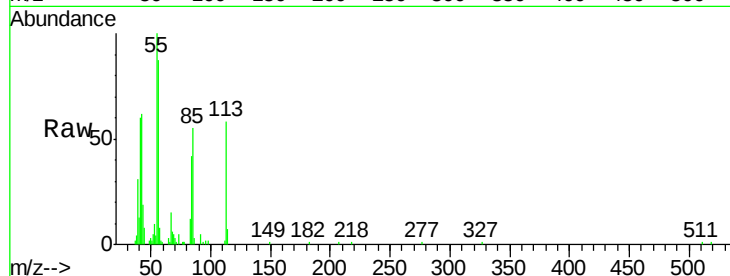




#35
 Caprolactam
 Concen: 44.05 ng/ml
 RT: 11.85 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

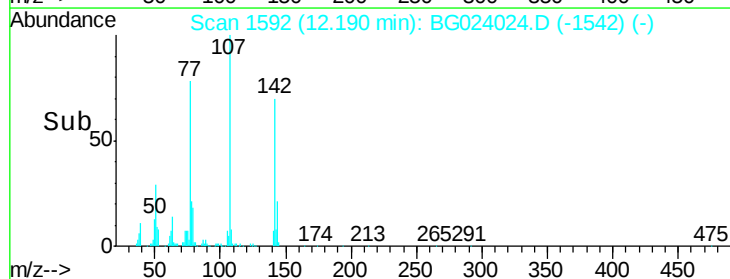
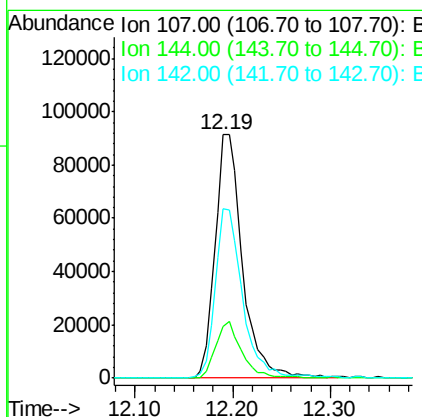
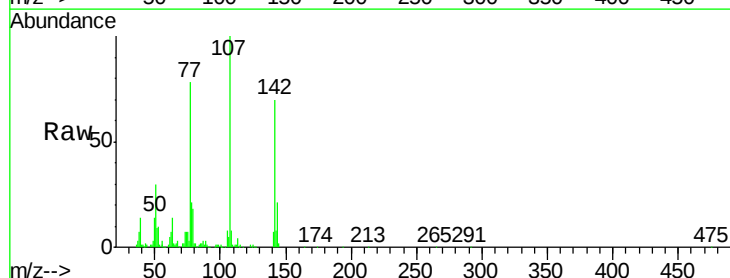
Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

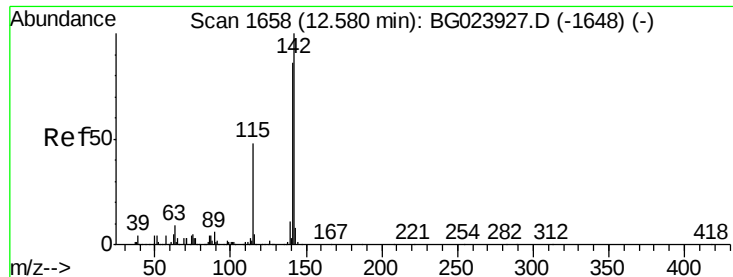
Tot Ion:113 Resp: 47903
 Ion Ratio Lower Upper
 113 100
 55 172.6 154.5 194.5
 56 150.8 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.16 ng/ml
 RT: 12.19 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion:107 Resp: 177920
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.0 25.6
 142 69.7 53.0 79.6

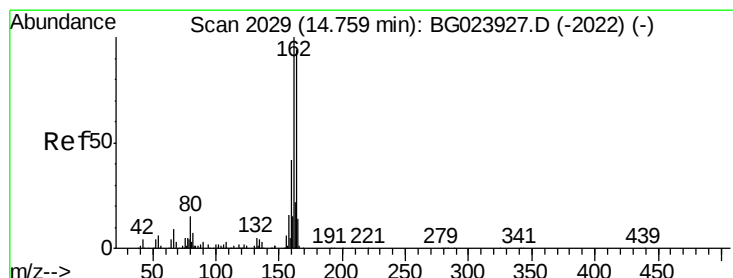
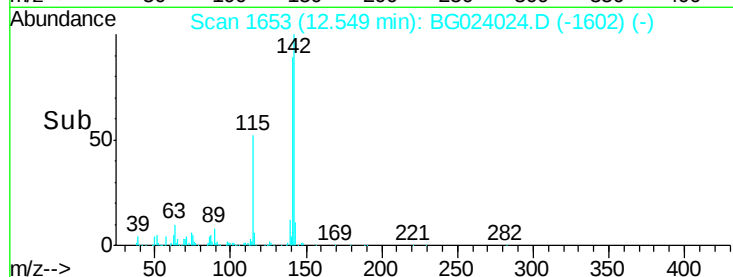
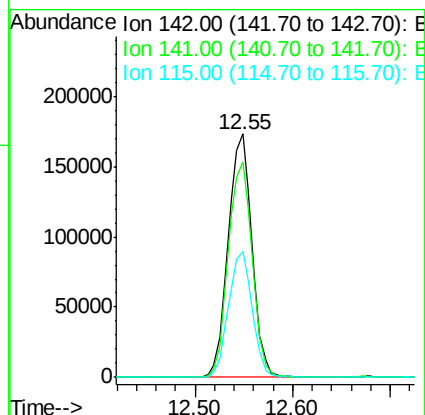
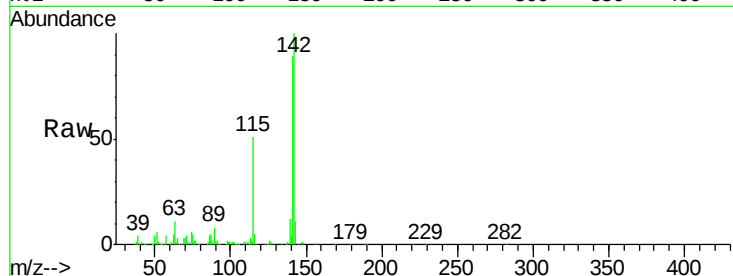




#37
2-Methylnaphthalene
Concen: 39.79 ng
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

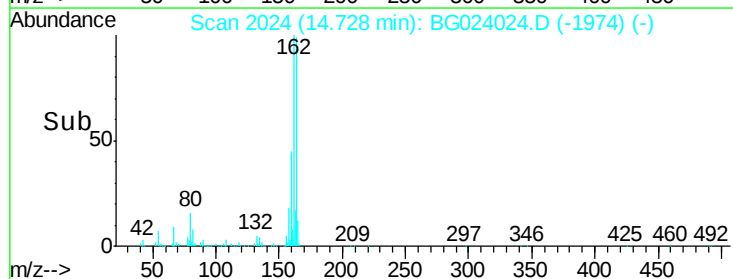
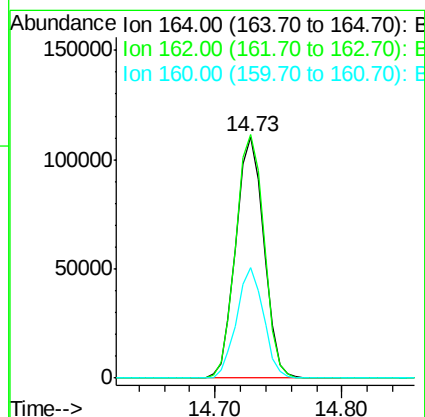
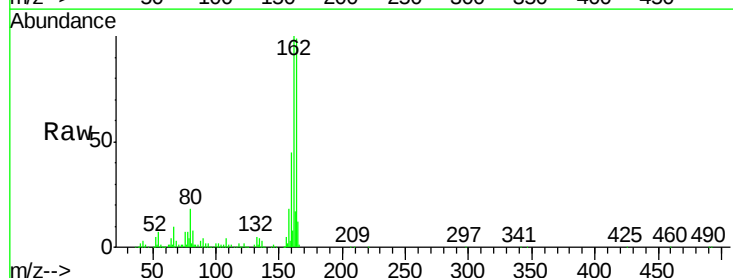
Instrument :
BNA_G
ClientSampleId :
PB93461BS

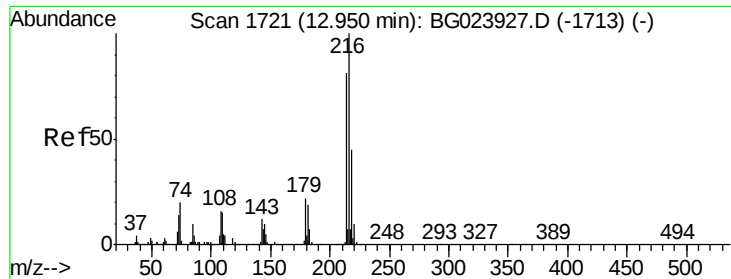
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.2
115	51.5	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	87.7	131.5
160	45.6	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.82 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

Tot Ion:216 Resp: 167178

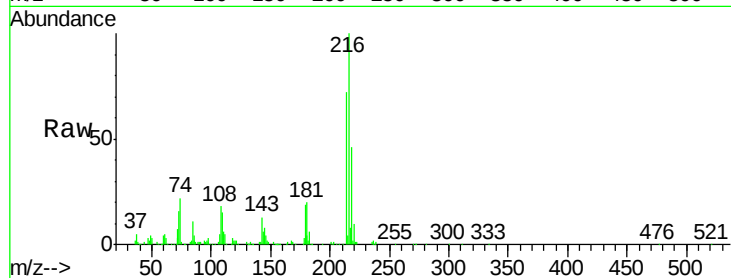
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 20.9 17.2 25.8

108 23.3 16.3 24.5

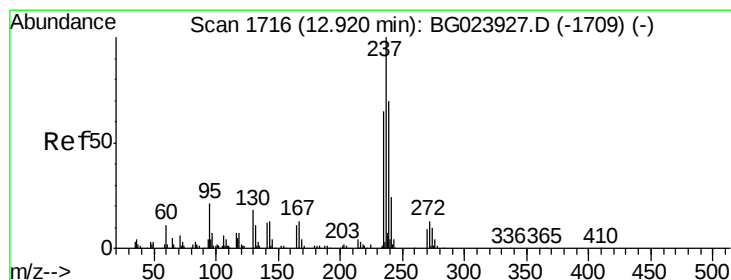
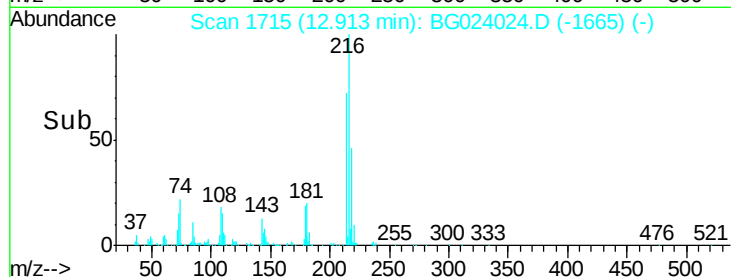
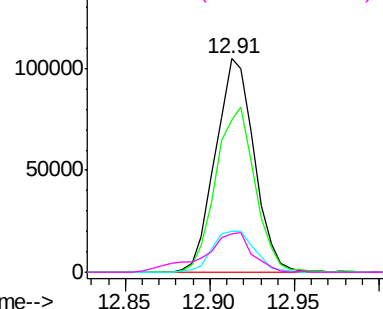


Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.76 ng

RT: 12.88 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

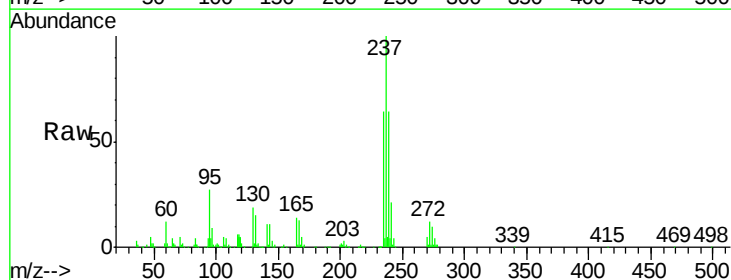
Tgt Ion:237 Resp: 202672

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

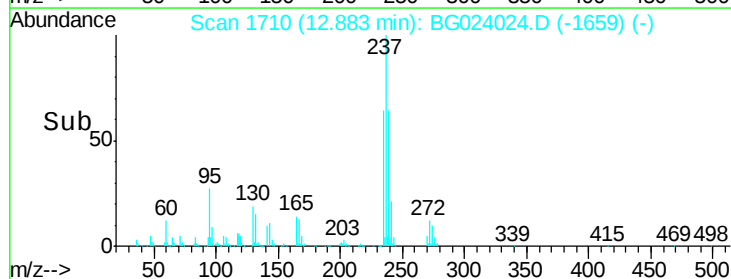
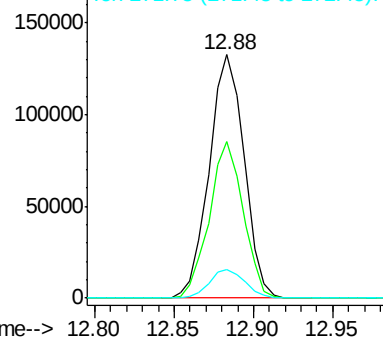
272 11.8 0.0 30.9

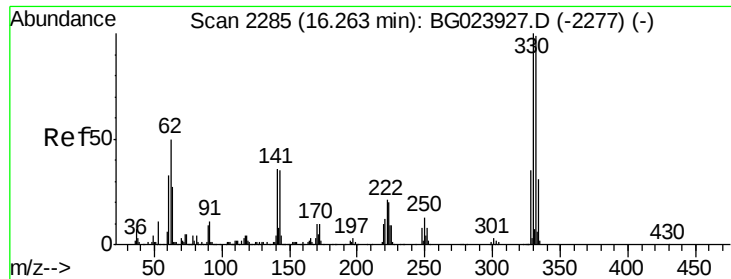


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

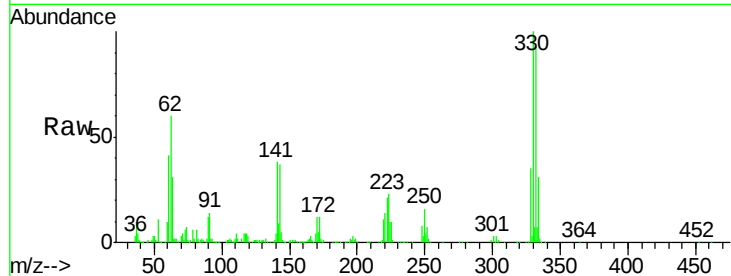




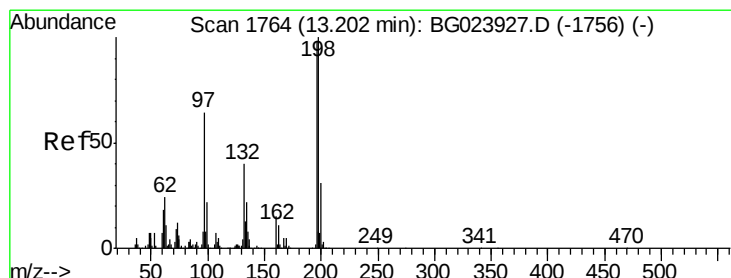
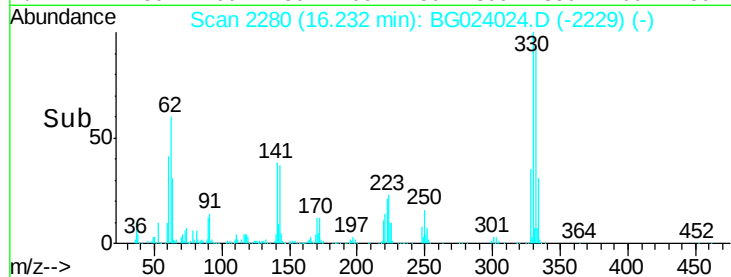
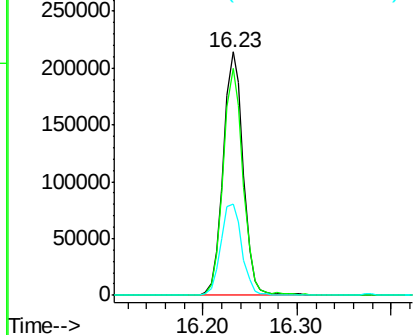
#41
 2,4,6-Tribromophenol
 Concen: 104.54 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Instrument :
 BNA_G
 ClientSampled :
 PB93461BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.4	116.2
141	39.6	31.7	47.5

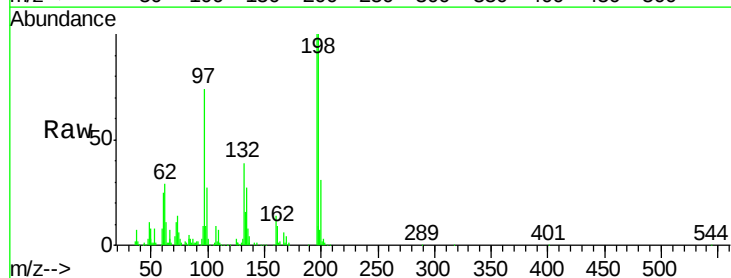


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

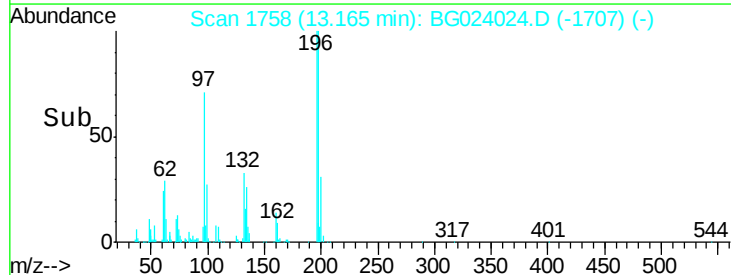
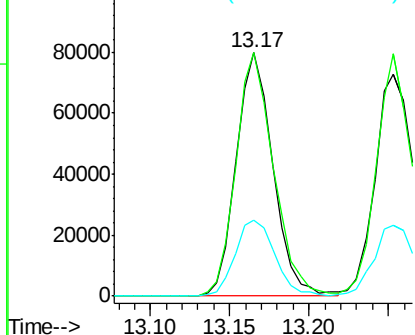


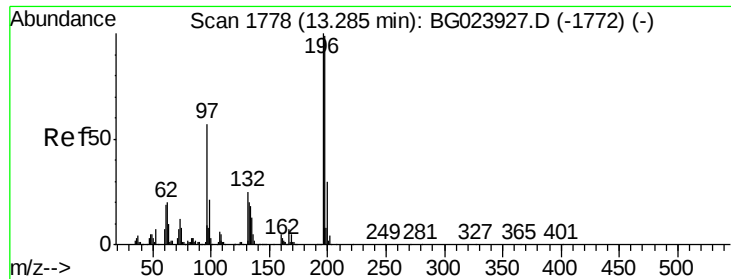
#42
 2,4,6-Trichlorophenol
 Concen: 34.36 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.1	78.2	117.2
200	31.5	27.0	40.4



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

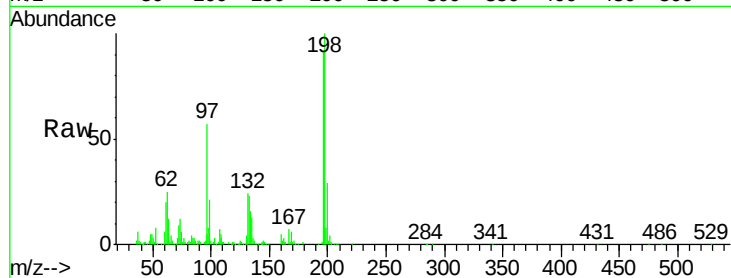




#43
2,4,5-Trichlorophenol
Concen: 34.80 ng
RT: 13.25 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Instrument :
BNA_G
ClientSampleId :
PB93461BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	109.5	85.7	128.5
97	61.9	45.5	68.3
132	26.5	18.9	28.3



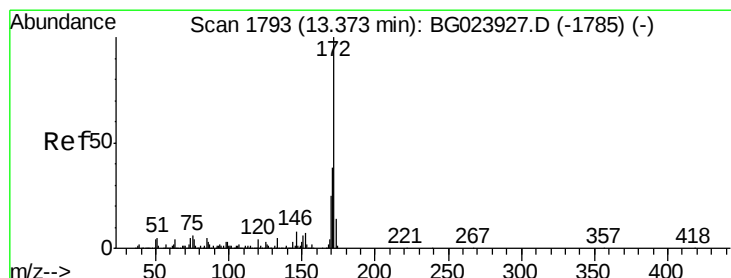
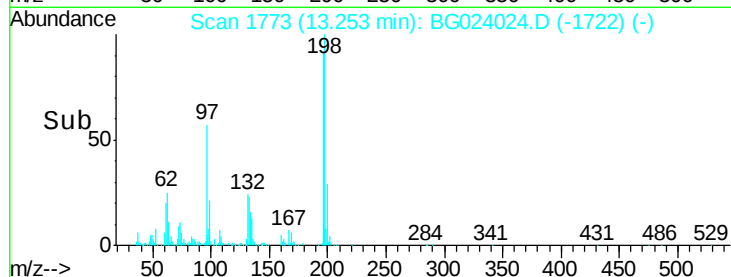
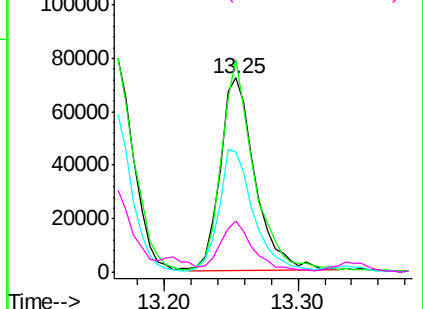
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

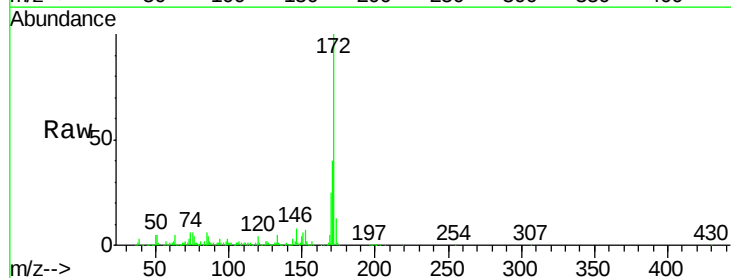
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 65.67 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	31.6	47.4
170	24.6	21.3	31.9

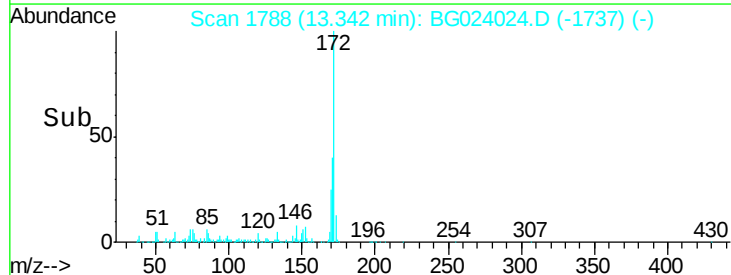
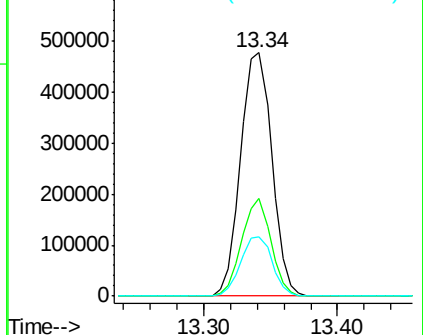


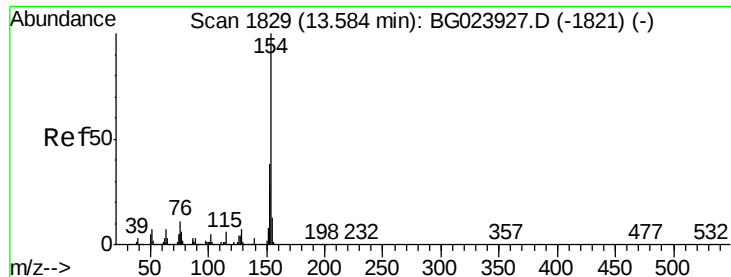
Abundance

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: 29.00 ng

RT: 13.55 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

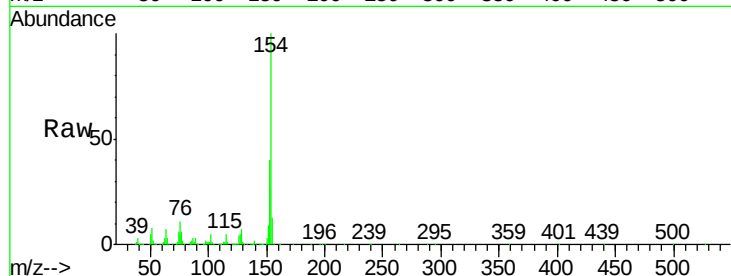
Tot Ion:154 Resp: 393974

Ion Ratio Lower Upper

154 100

153 39.8 20.2 60.2

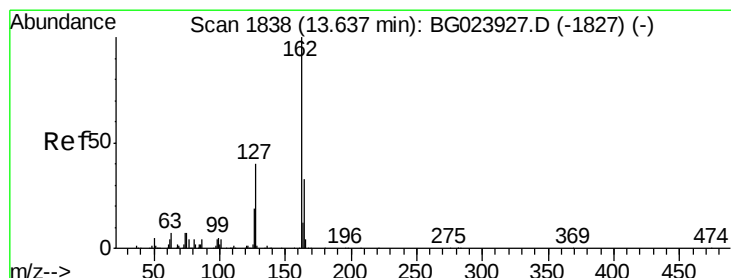
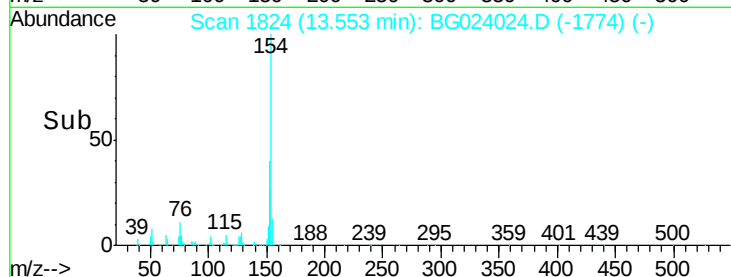
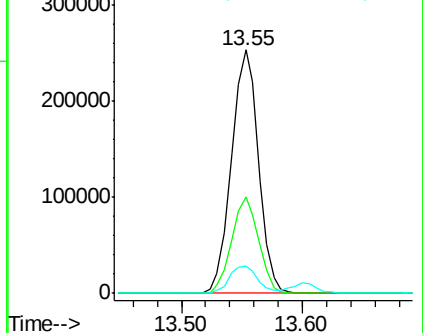
76 11.0 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 33.78 ng

RT: 13.60 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

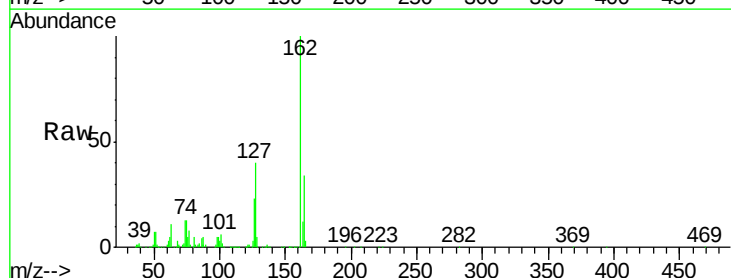
Tgt Ion:162 Resp: 336941

Ion Ratio Lower Upper

162 100

127 40.0 32.4 48.6

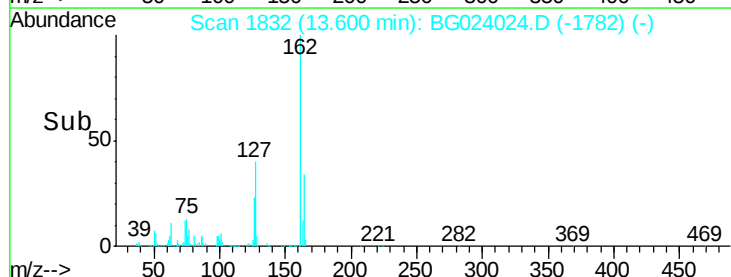
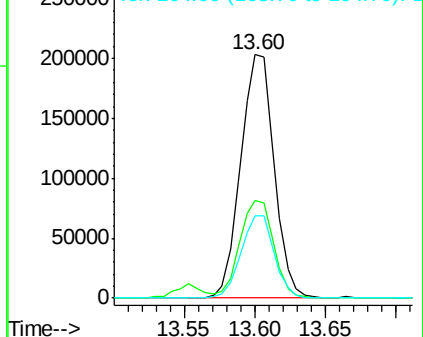
164 34.0 25.2 37.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.43 ng

RT: 13.82 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

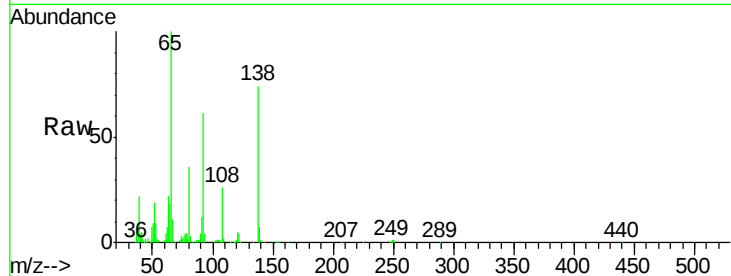
Tot Ion: 65 Resp: 158868

Ion Ratio Lower Upper

65 100

92 61.1 49.4 74.0

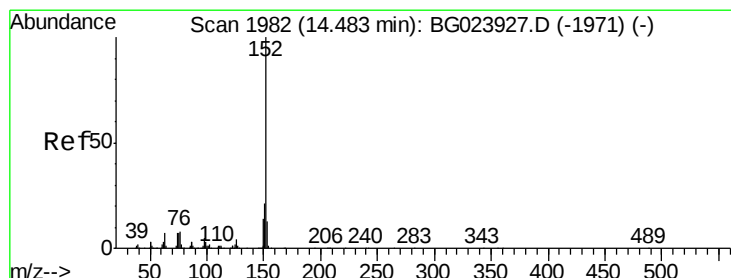
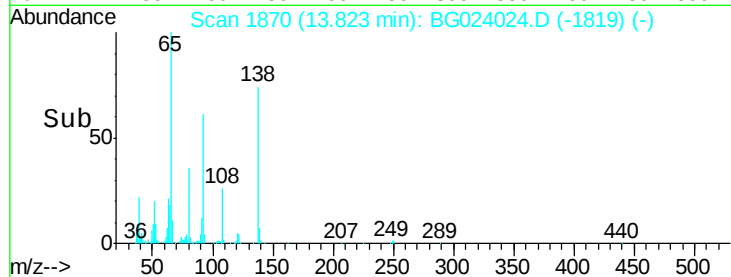
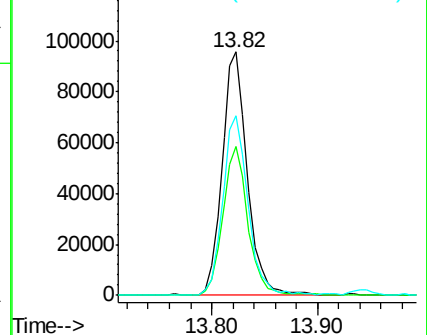
138 73.9 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 33.55 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

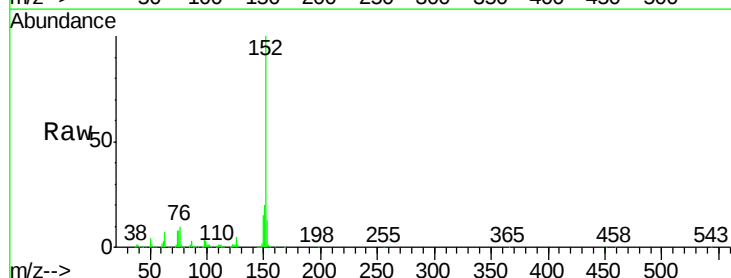
Tgt Ion: 152 Resp: 557796

Ion Ratio Lower Upper

152 100

151 19.7 17.6 26.4

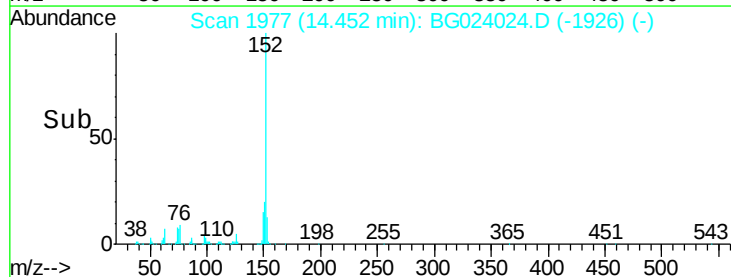
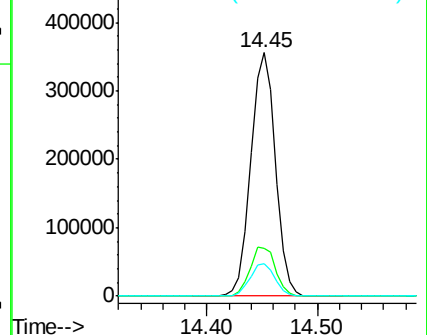
153 13.4 11.4 17.2

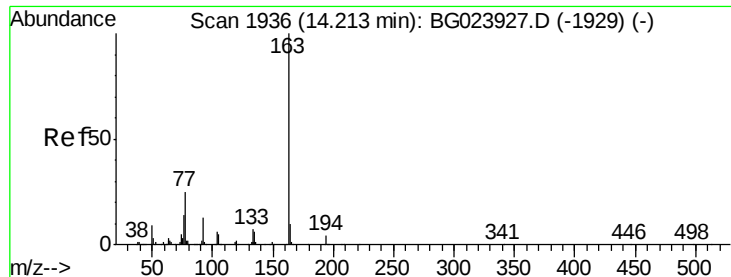


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 34.99 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

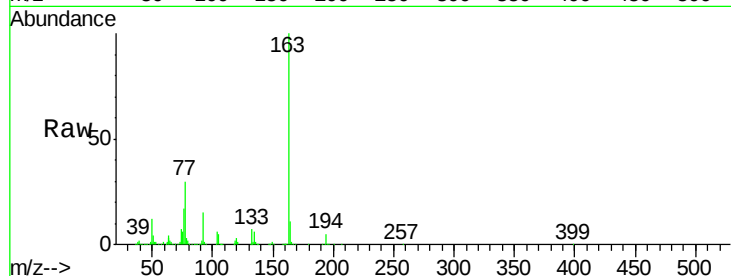
Tot Ion:163 Resp: 506775

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

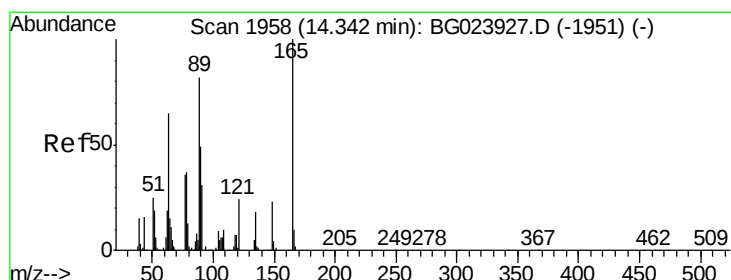
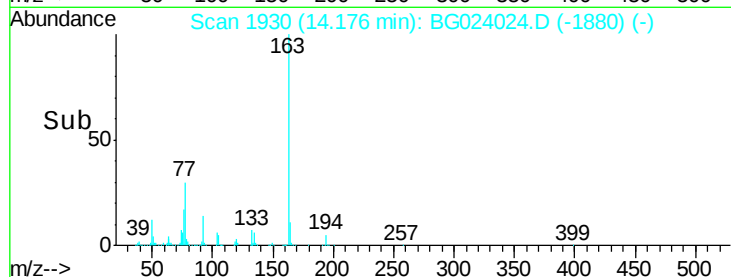
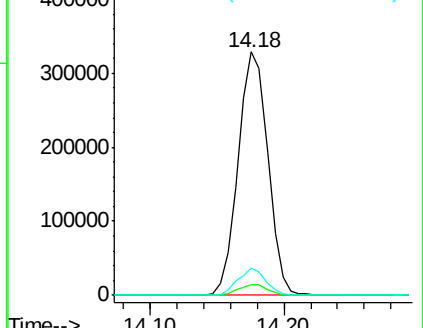
164 11.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.33 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

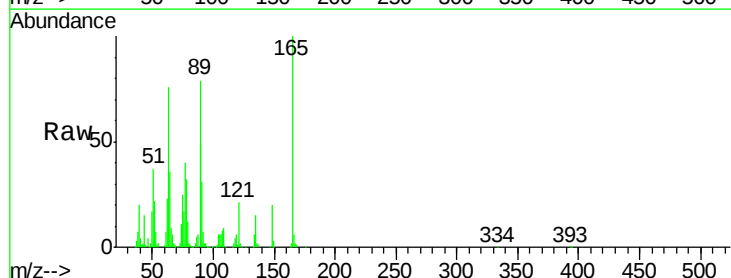
Tgt Ion:165 Resp: 111093

Ion Ratio Lower Upper

165 100

63 76.2 64.3 96.5

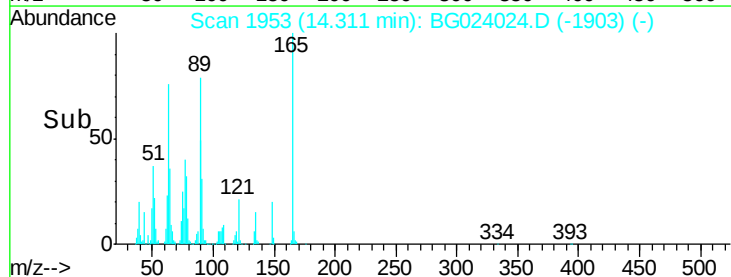
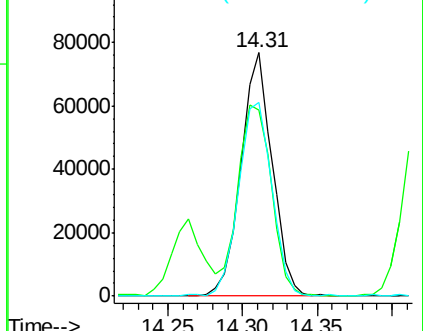
89 79.4 64.3 96.5

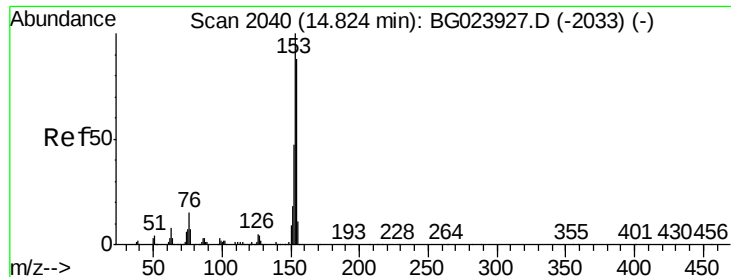


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 34.83 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

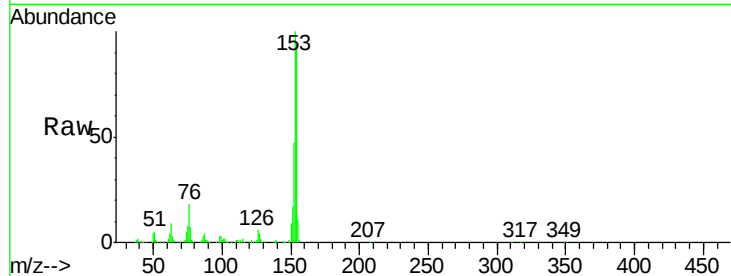
Tot Ion:154 Resp: 358016

Ion Ratio Lower Upper

154 100

153 106.5 87.5 131.3

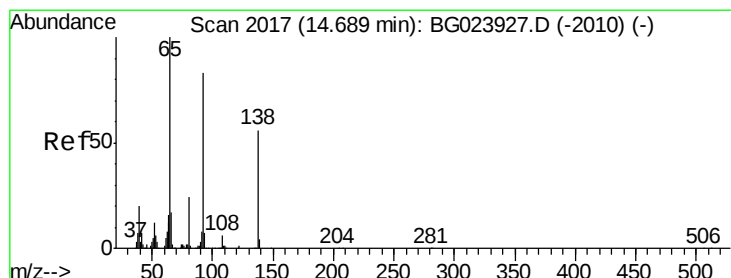
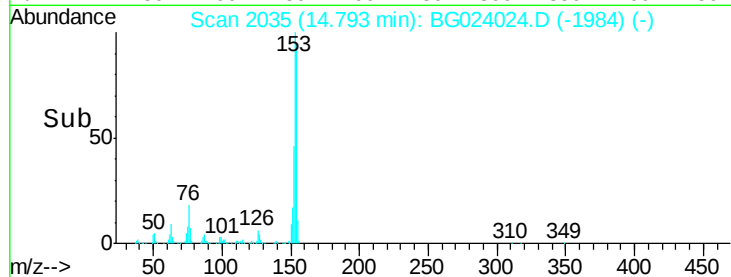
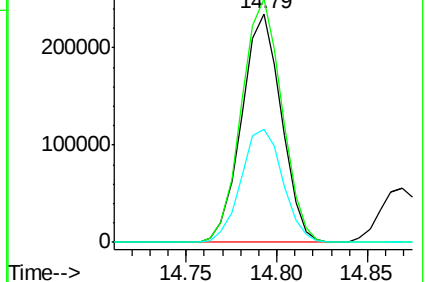
152 49.7 42.7 64.1



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: 22.64 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

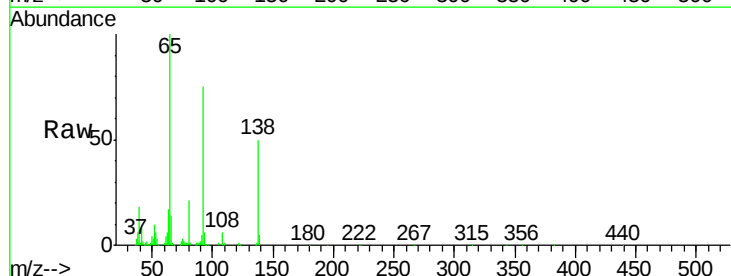
Tgt Ion:138 Resp: 64748

Ion Ratio Lower Upper

138 100

108 12.5 11.7 17.5

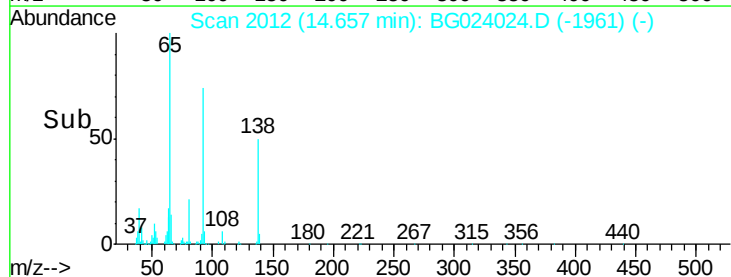
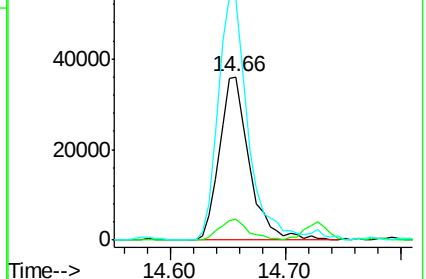
92 148.1 129.7 194.5

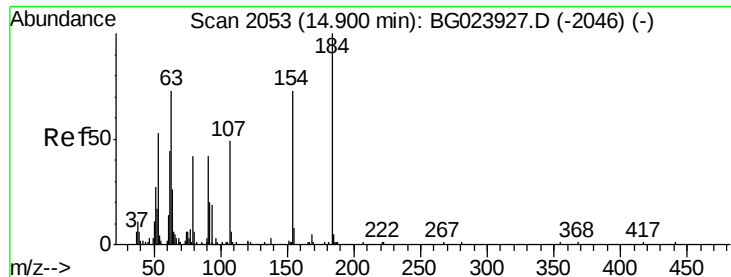


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

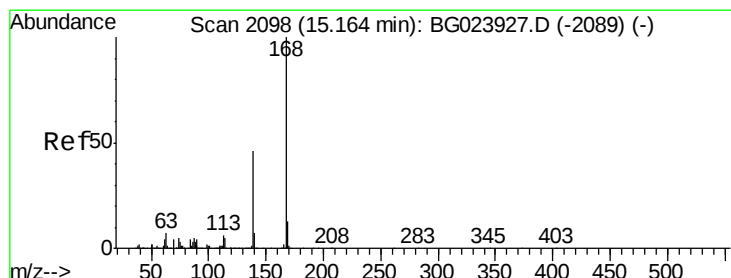
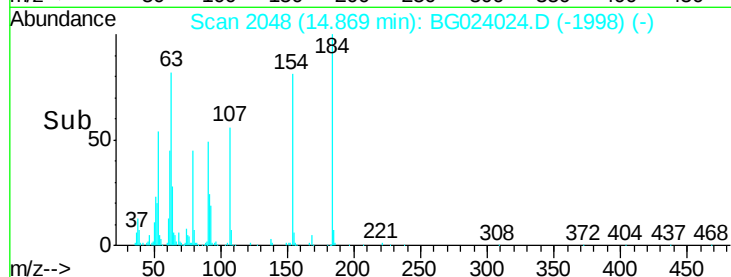
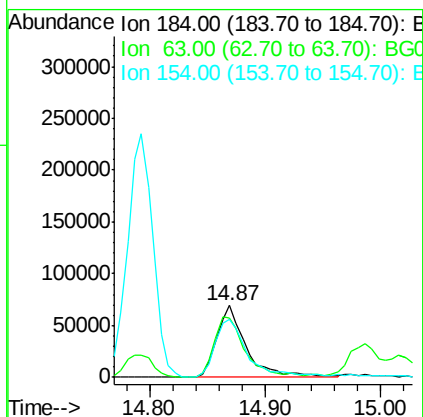
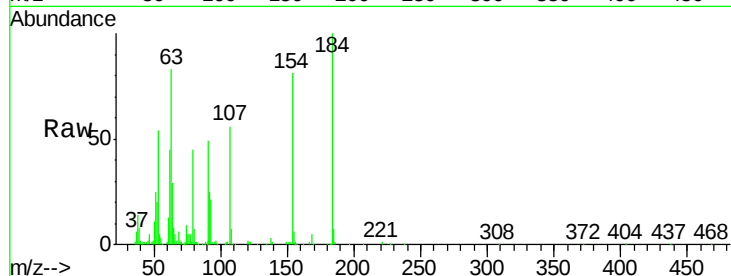




#53
2,4-Dinitrophenol
Concen: 57.05 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

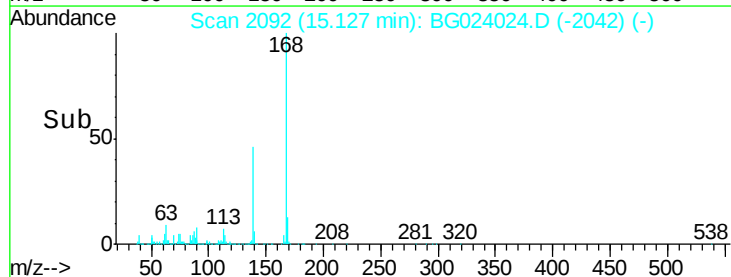
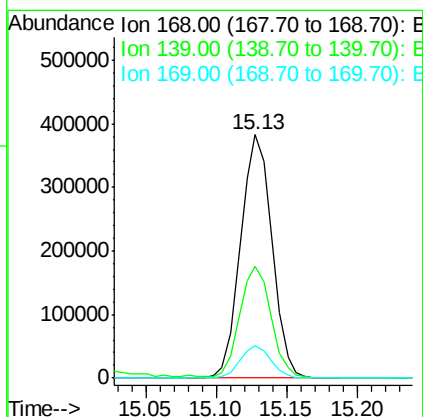
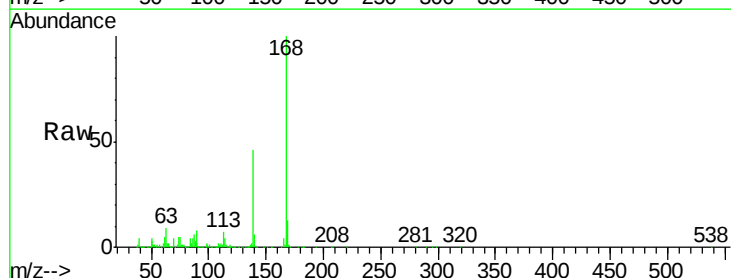
Instrument :
BNA_G
ClientSampleId :
PB93461BS

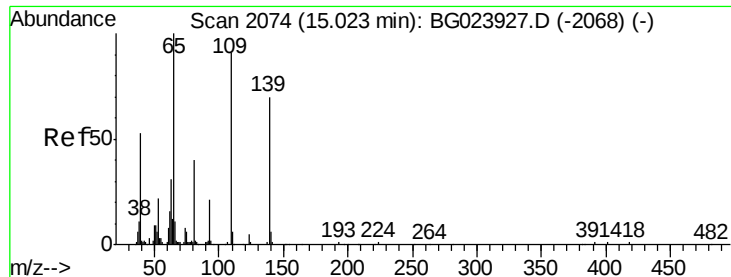
Tot Ion:184 Resp: 122977
Ion Ratio Lower Upper
184 100
63 83.1 59.6 89.4
154 81.1 67.4 101.0



#54
Dibenzofuran
Concen: 37.11 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:168 Resp: 595455
Ion Ratio Lower Upper
168 100
139 45.7 36.4 54.6
169 13.5 11.9 17.9

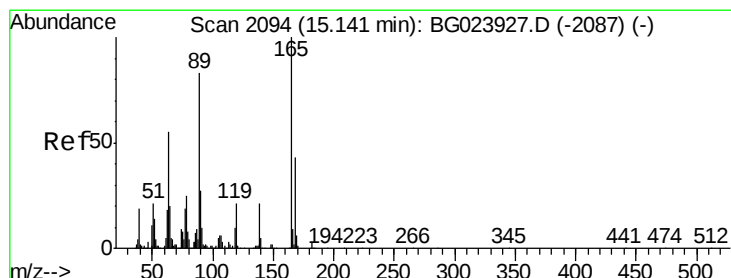
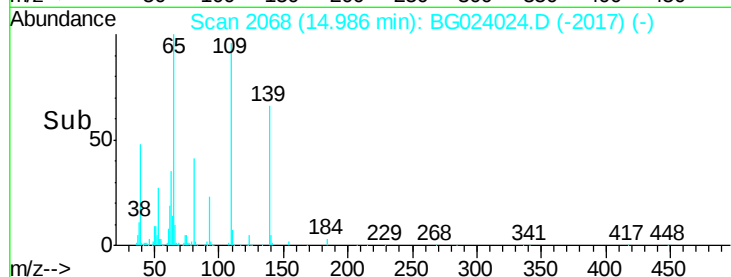
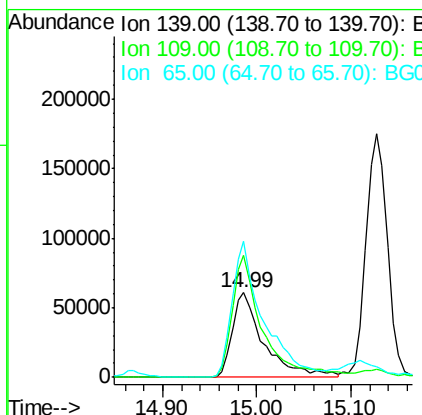
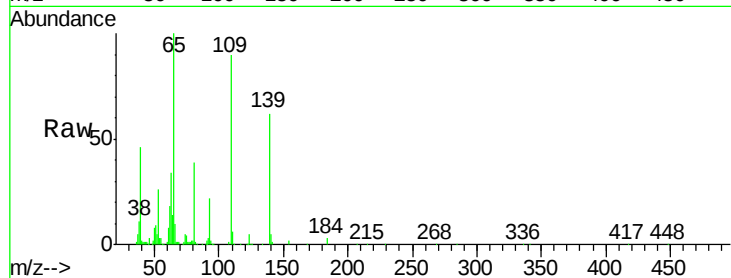




#55
4-Nitrophenol
Concen: 62.34 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

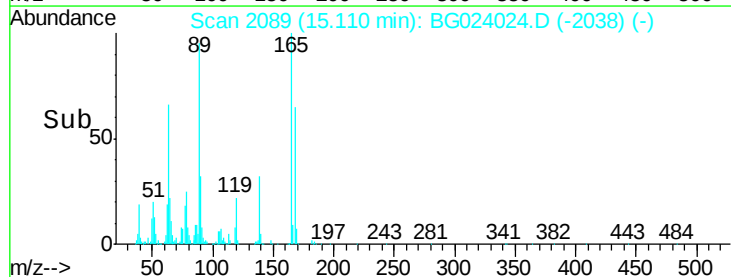
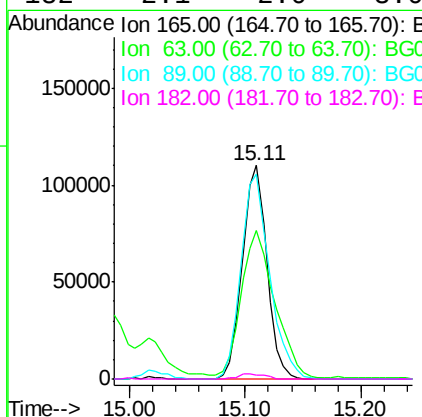
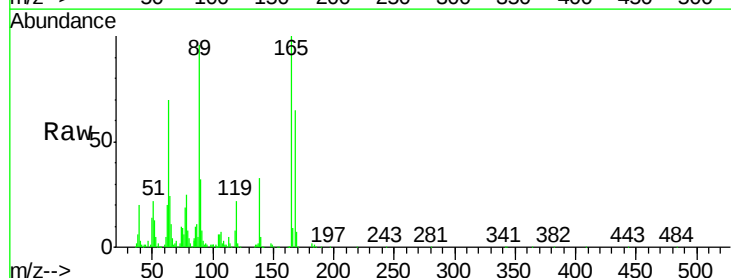
Instrument :
BNA_G
ClientSampleId :
PB93461BS

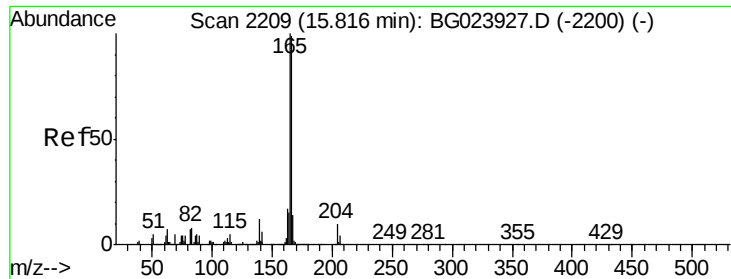
Tot Ion:139 Resp: 141848
Ion Ratio Lower Upper
139 100
109 144.4 103.0 143.0#
65 160.9 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 36.25 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:165 Resp: 162932
Ion Ratio Lower Upper
165 100
63 69.6 45.8 68.6#
89 95.8 68.6 102.8
182 2.1 2.0 3.0

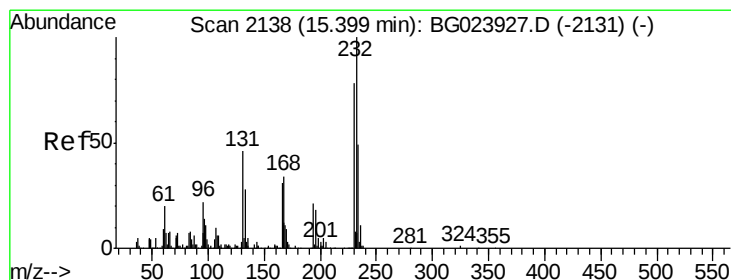
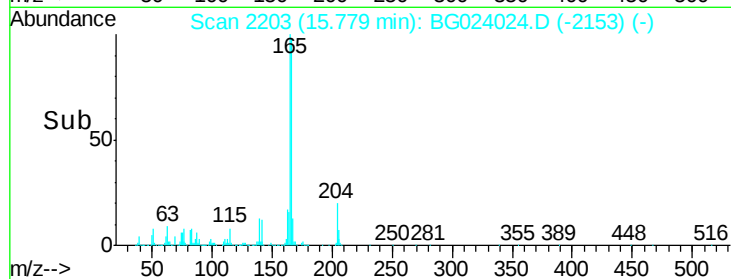
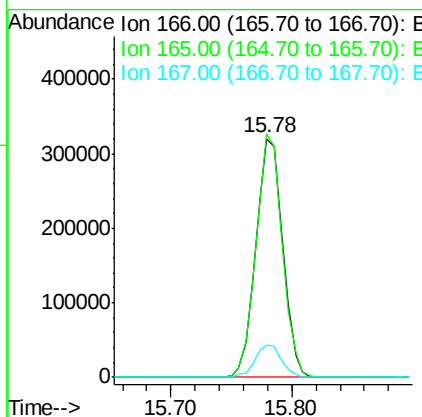
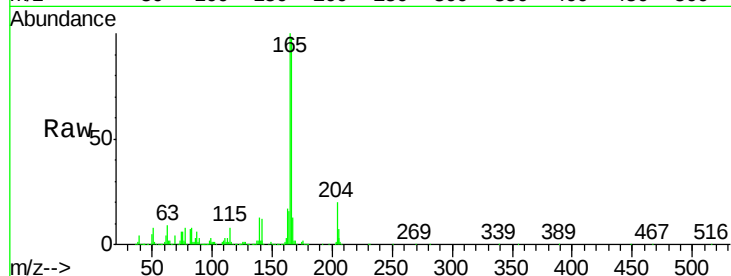




#57
Fluorene
 Concen: 35.56 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

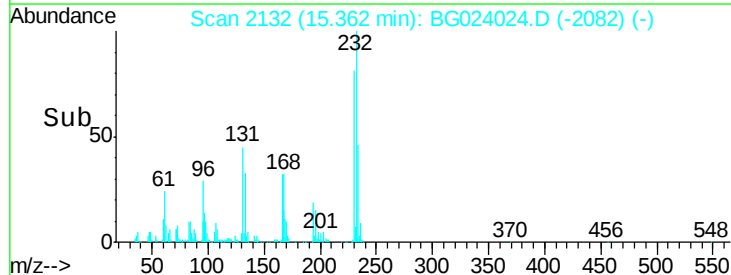
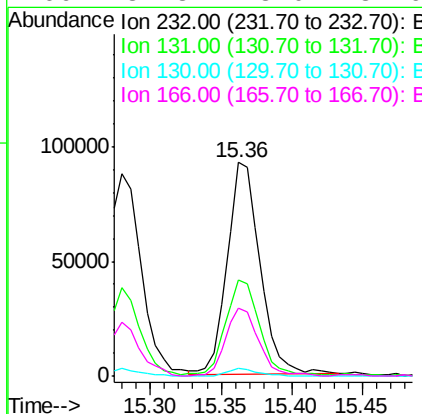
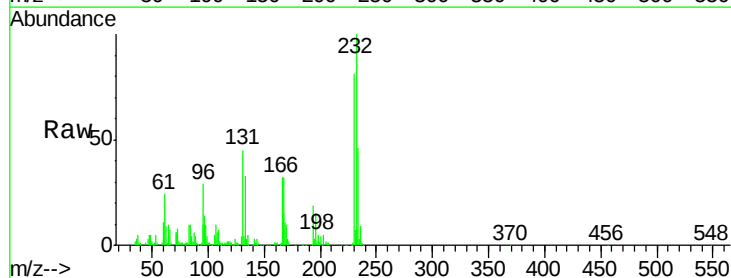
Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

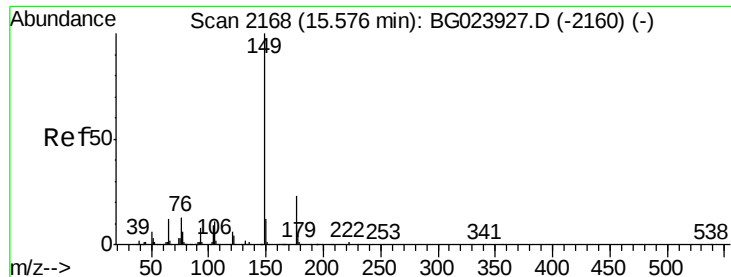
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.0	81.0	121.6
167	13.6	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.04 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.7	32.7	49.1
130	3.3	2.6	3.8
166	32.3	23.0	34.6





#59

Diethylphthalate

Concen: 35.24 ng

RT: 15.54 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

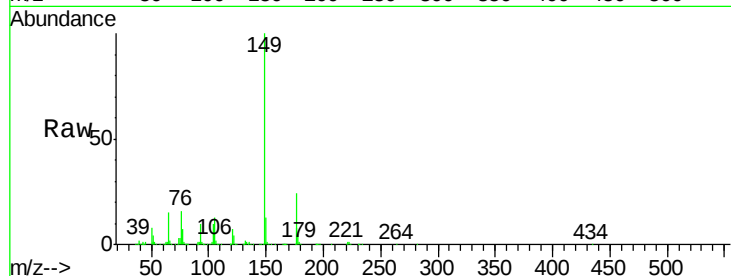
Tot Ion:149 Resp: 544917

Ion Ratio Lower Upper

149 100

177 24.1 19.2 28.8

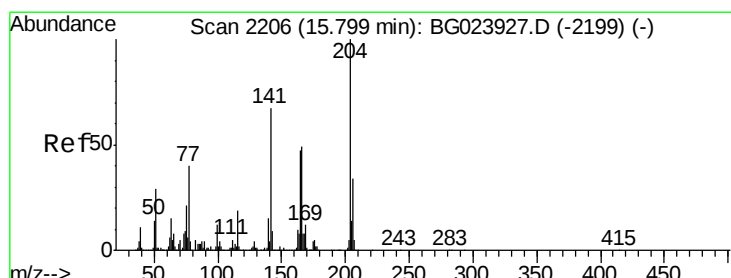
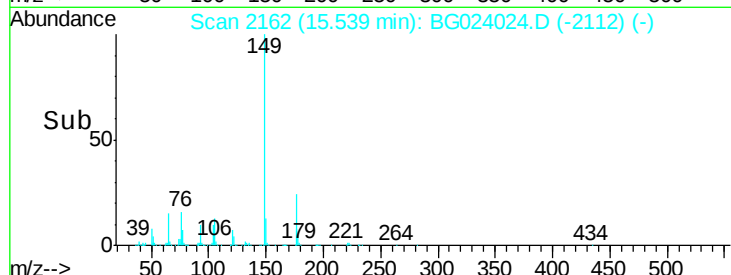
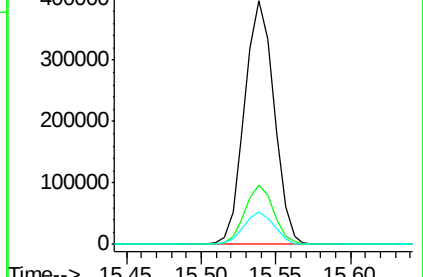
150 13.3 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.51 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

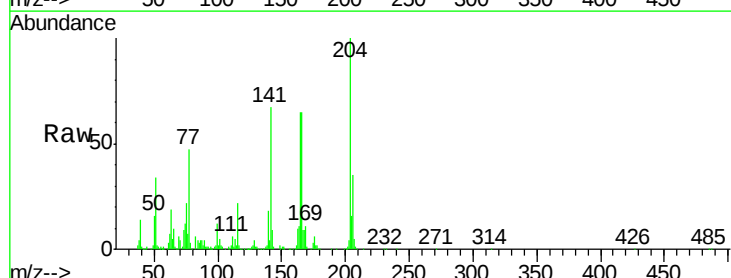
Tgt Ion:204 Resp: 265929

Ion Ratio Lower Upper

204 100

206 35.5 28.5 42.7

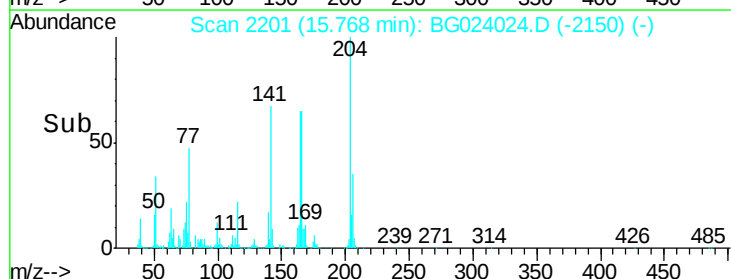
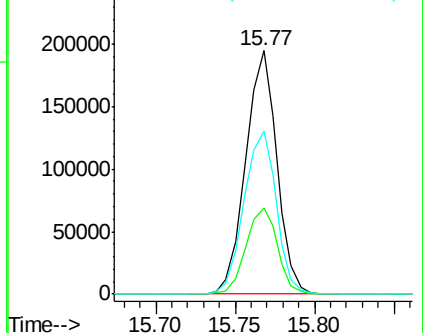
141 66.9 51.4 77.0

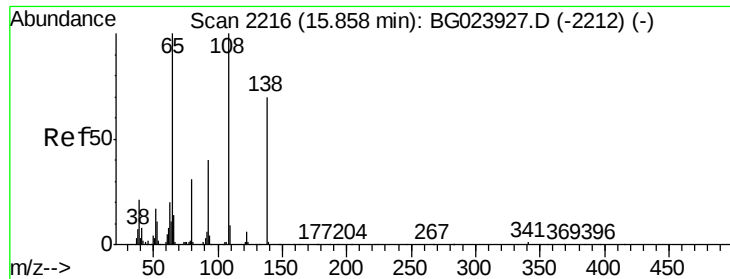


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

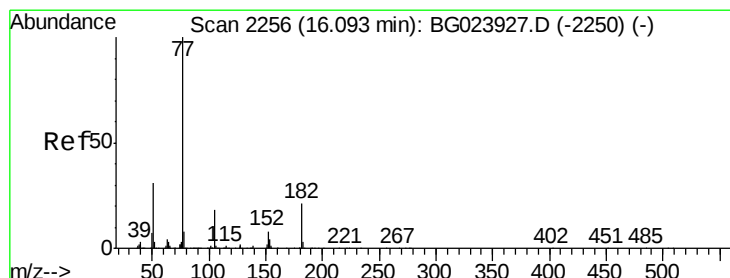
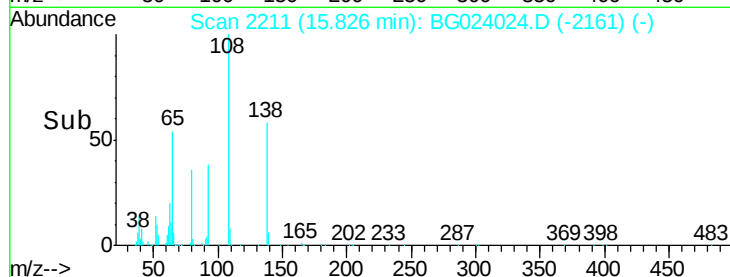
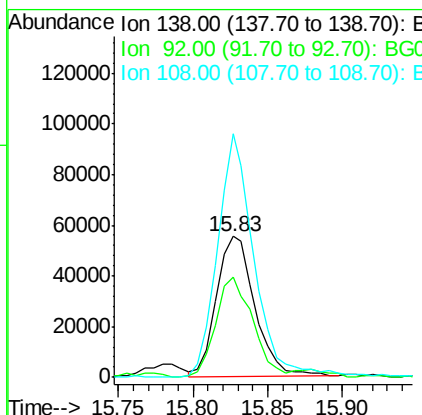
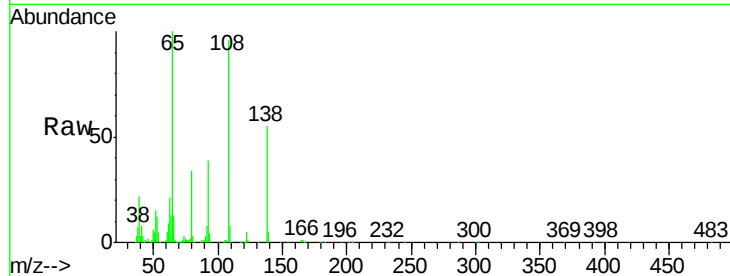




#61
4-Nitroaniline
Concen: 34.33 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

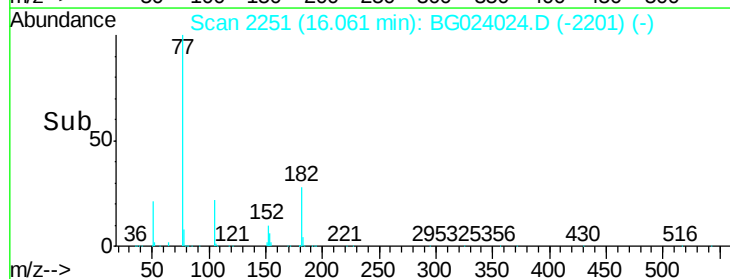
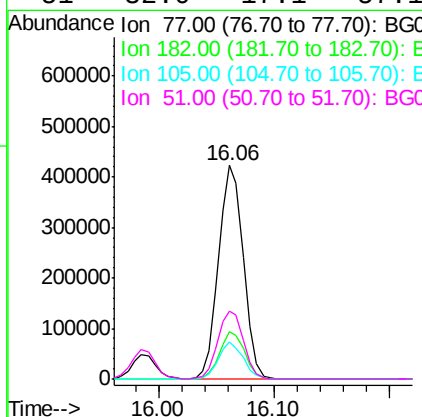
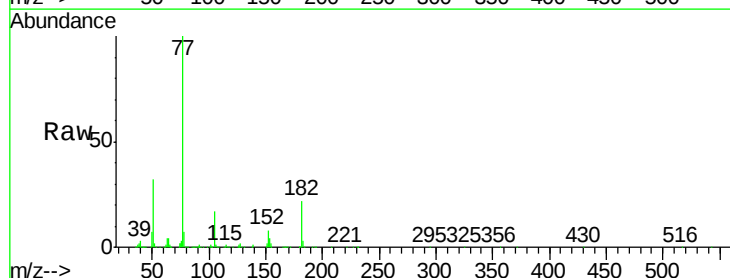
Instrument :
BNA_G
ClientSampleId :
PB93461BS

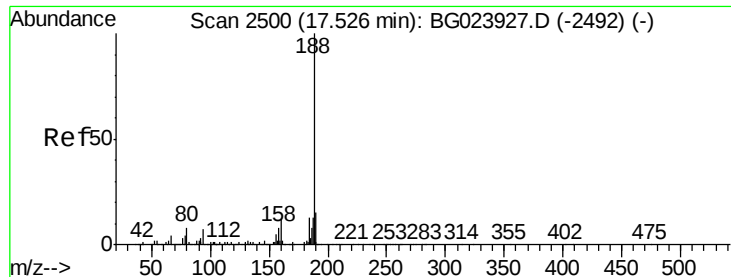
Tot Ion:138 Resp: 99255
Ion Ratio Lower Upper
138 100
92 71.5 54.1 94.1
108 173.0 133.9 173.9



#62
Azobenzene
Concen: 41.81 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion: 77 Resp: 626188
Ion Ratio Lower Upper
77 100
182 22.0 3.5 43.5
105 17.3 0.0 38.5
51 32.0 17.1 57.1

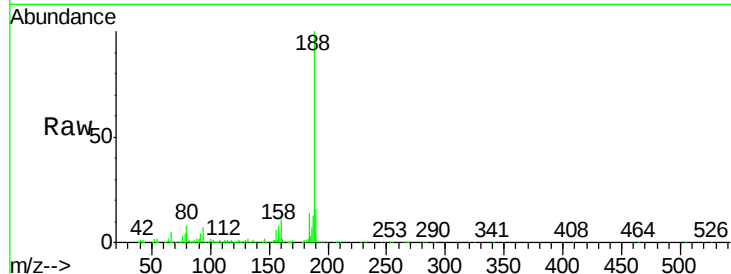




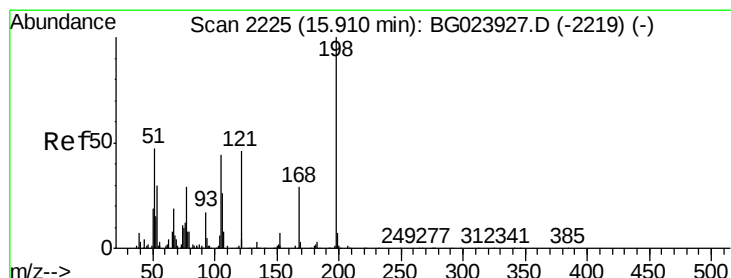
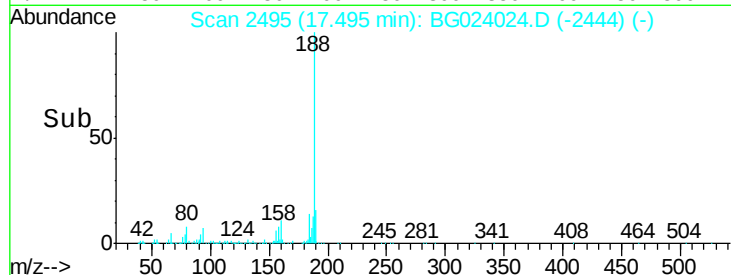
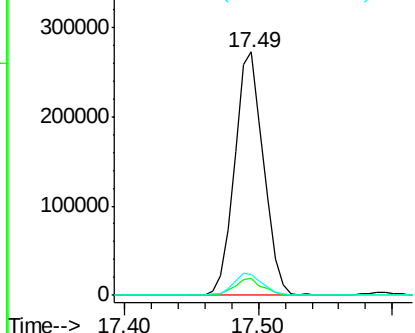
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Instrument :
BNA_G
ClientSampleId :
PB93461BS

Tot Ion:188 Resp: 407398
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.4 7.2 10.8

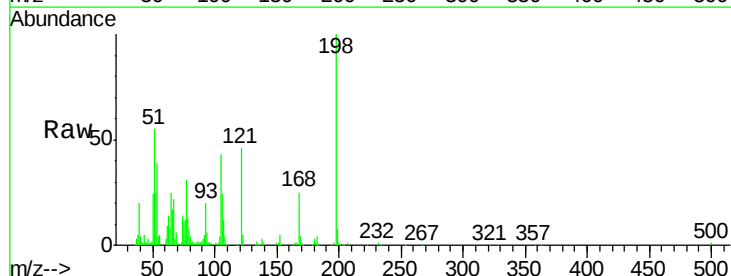


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

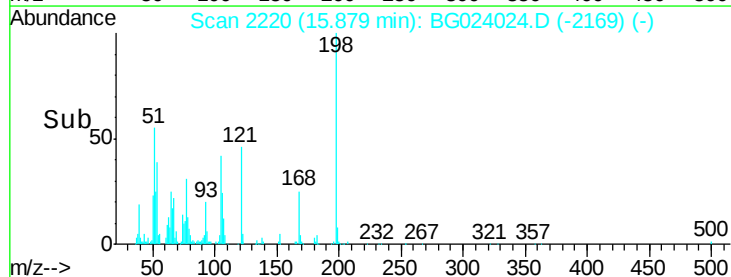
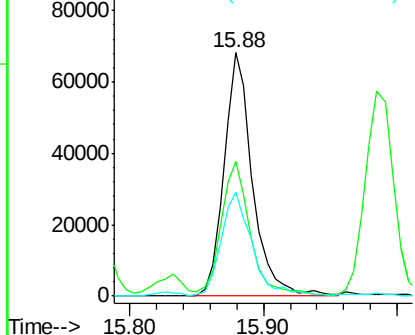


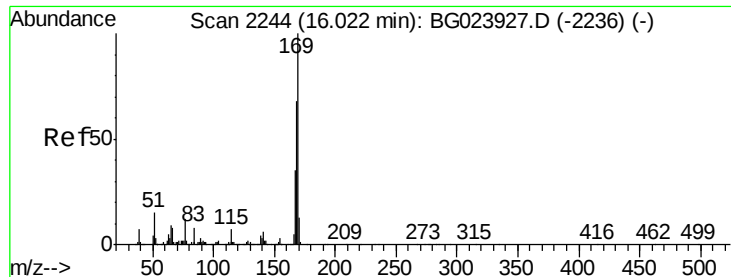
#64
4,6-Dinitro-2-methylphenol
Concen: 35.96 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:198 Resp: 101721
Ion Ratio Lower Upper
198 100
51 55.3 26.0 66.0
105 42.5 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

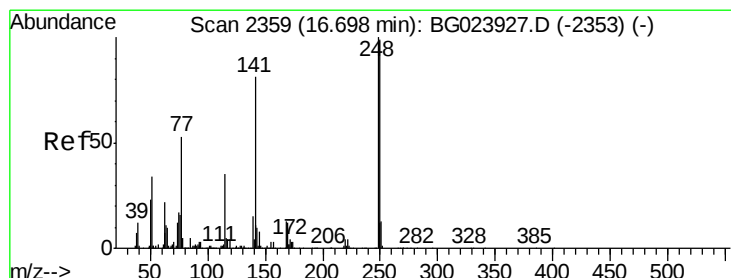
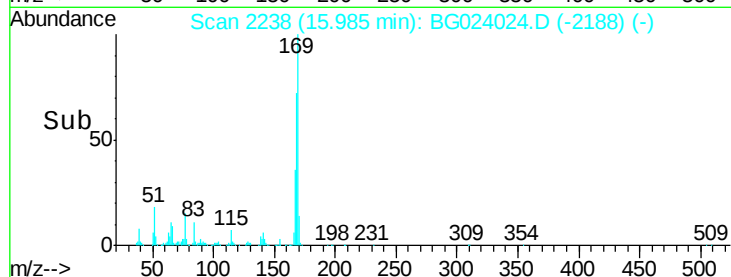
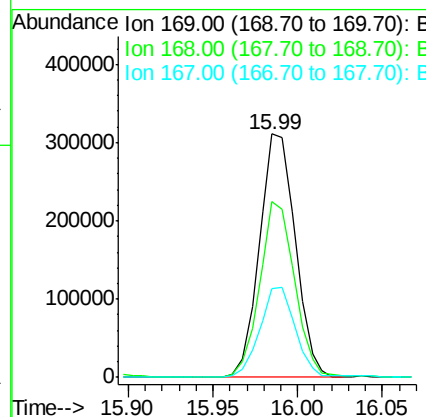
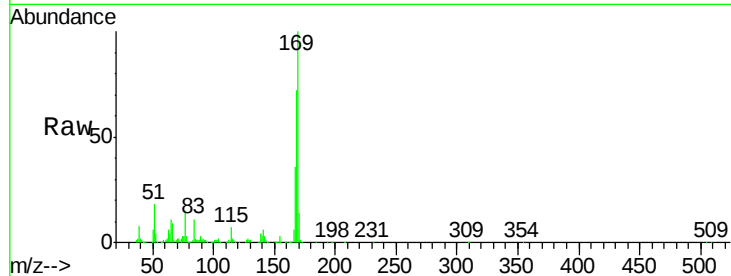




#65
n-Nitrosodiphenylamine
Concen: 39.57 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

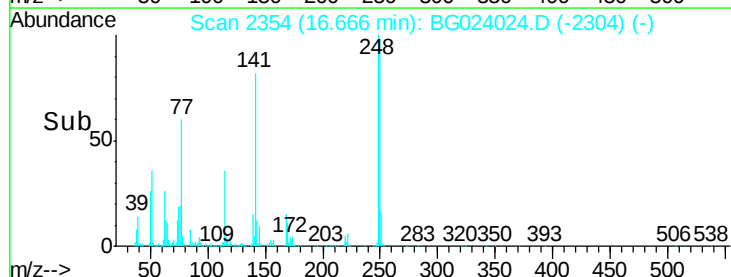
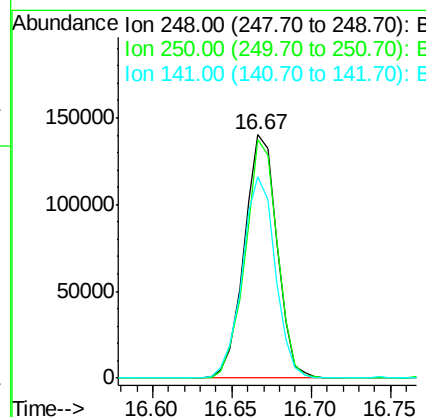
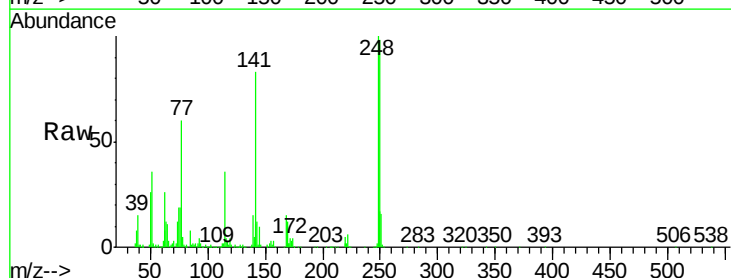
Instrument :
BNA_G
ClientSampleId :
PB93461BS

Tot Ion:169 Resp: 457841
Ion Ratio Lower Upper
169 100
168 72.4 55.0 82.4
167 36.2 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 40.61 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:248 Resp: 201306
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 82.8 65.7 98.5





#67

Hexachlorobenzene

Concen: 36.25 ng

RT: 16.80 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

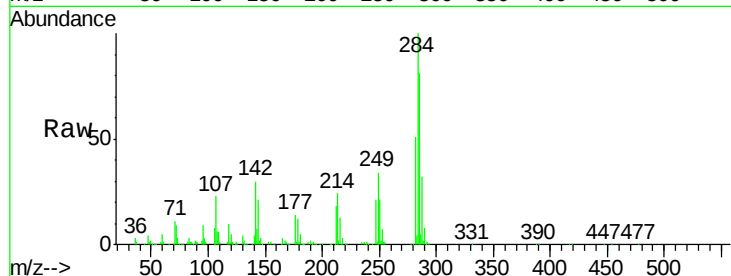
Tot Ion:284 Resp: 210717

Ion Ratio Lower Upper

284 100

142 30.2 26.8 40.2

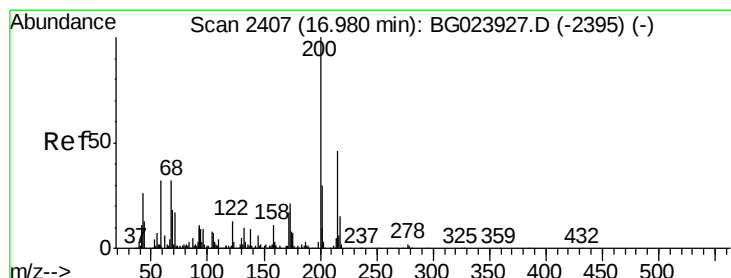
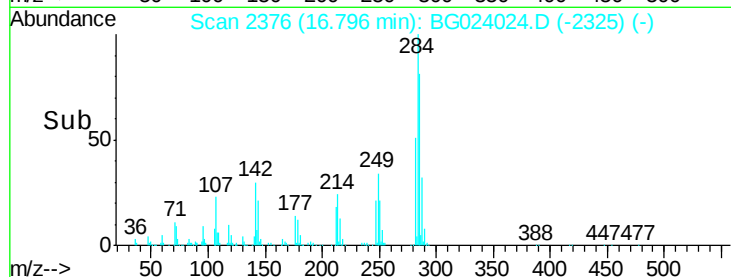
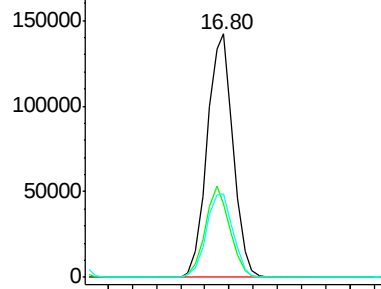
249 34.3 28.9 43.3



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: 39.67 ng

RT: 16.94 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

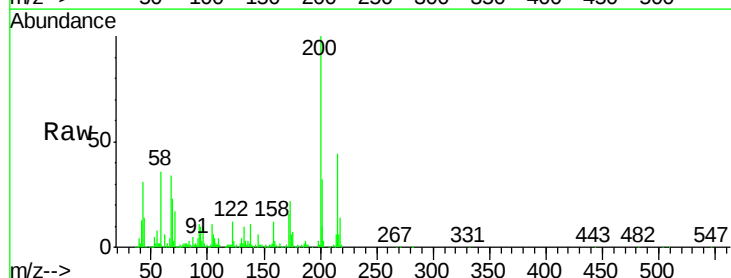
Tgt Ion:200 Resp: 197488

Ion Ratio Lower Upper

200 100

173 21.6 1.6 41.6

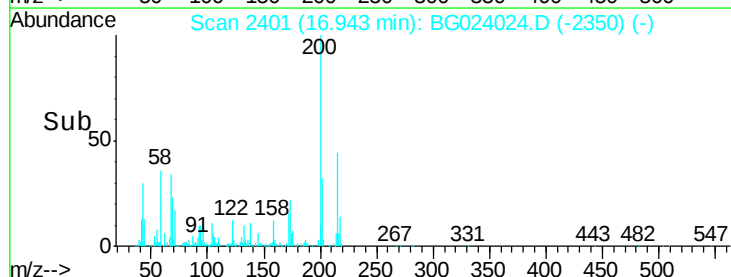
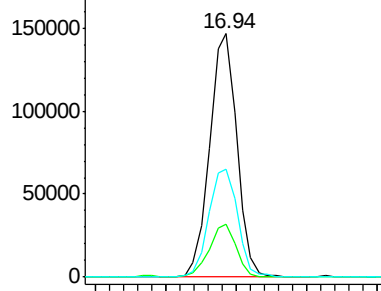
215 44.3 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.09 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

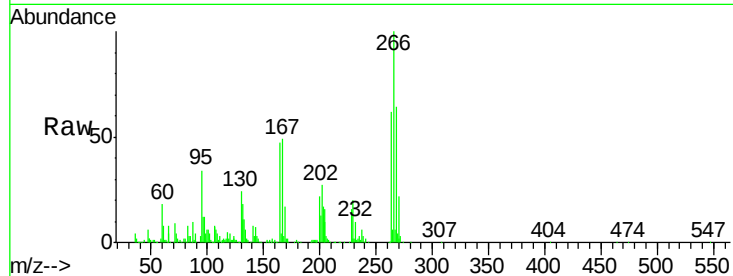
Tot Ion:266 Resp: 200970

Ion Ratio Lower Upper

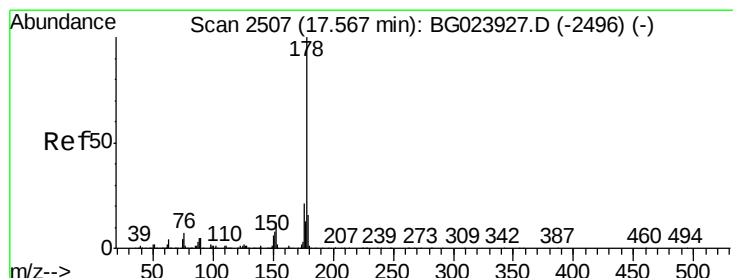
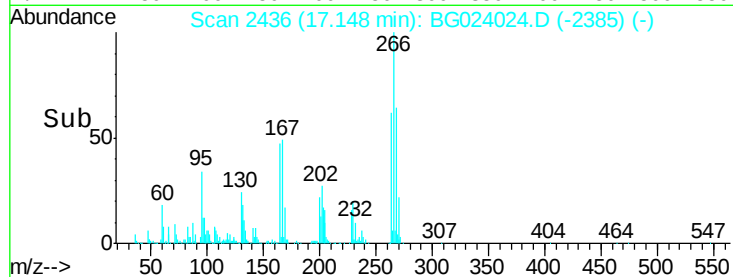
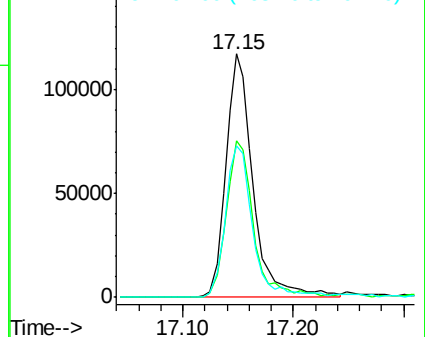
266 100

268 64.5 51.9 77.9

264 62.4 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: 40.76 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

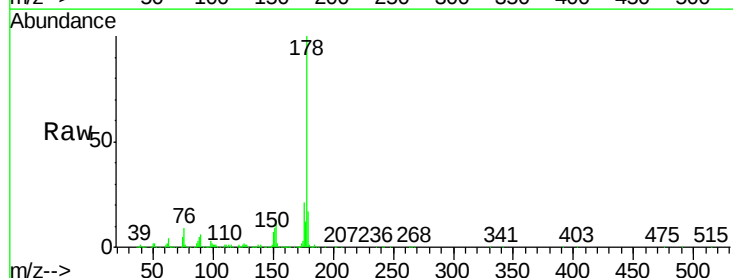
Tgt Ion:178 Resp: 863924

Ion Ratio Lower Upper

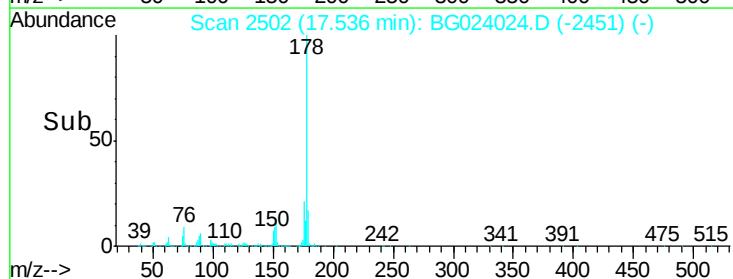
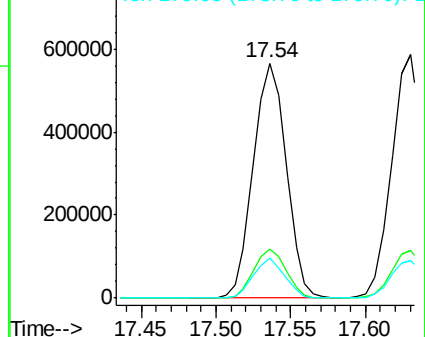
178 100

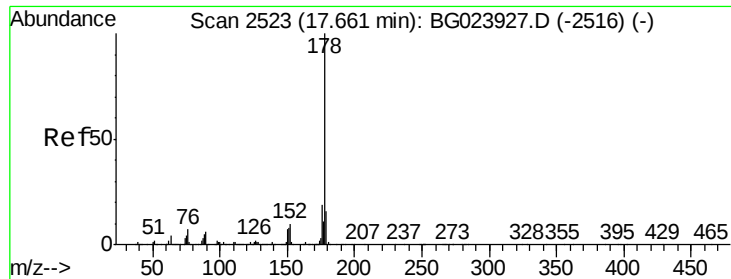
176 20.8 16.8 25.2

179 17.2 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

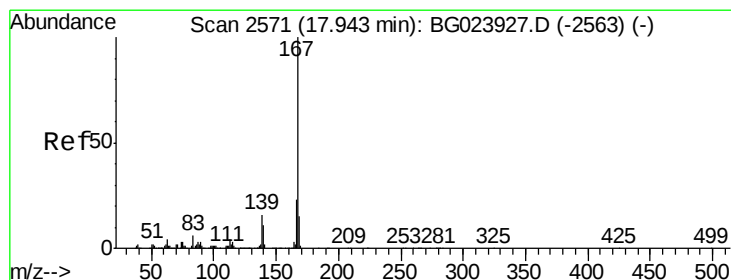
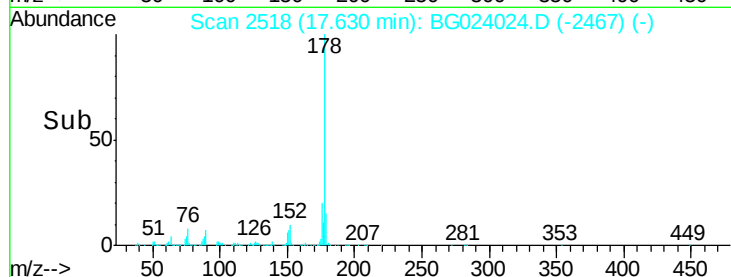
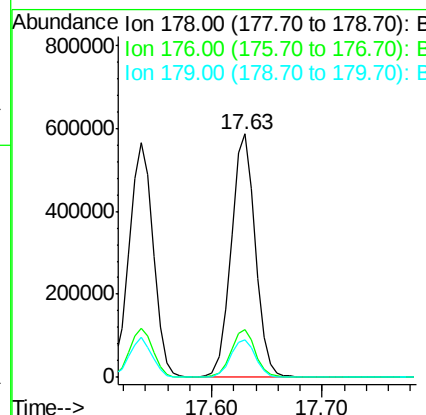
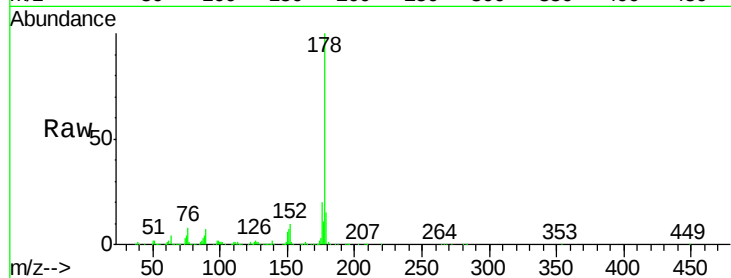




#71
 Anthracene
 Concen: 41.36 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

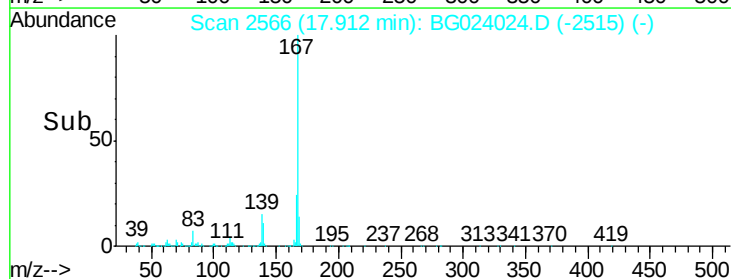
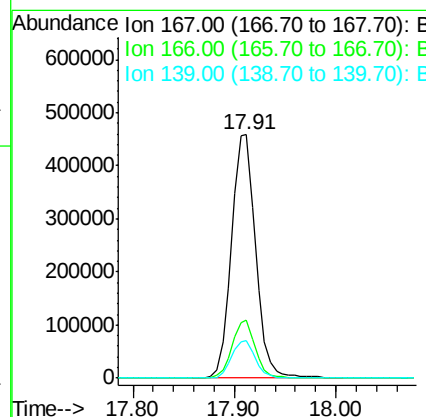
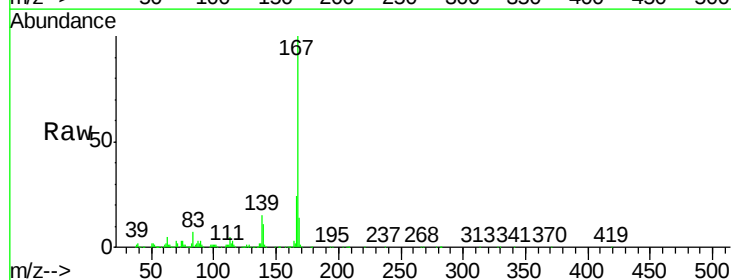
Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

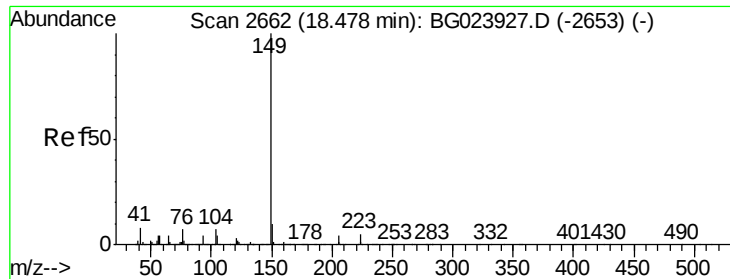
Tot Ion:178 Resp: 894091
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.3 25.9
 179 15.5 14.0 21.0



#72
 Carbazole
 Concen: 38.64 ng
 RT: 17.91 min Scan# 2566
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion:167 Resp: 758102
 Ion Ratio Lower Upper
 167 100
 166 23.6 20.7 31.1
 139 15.4 11.9 17.9

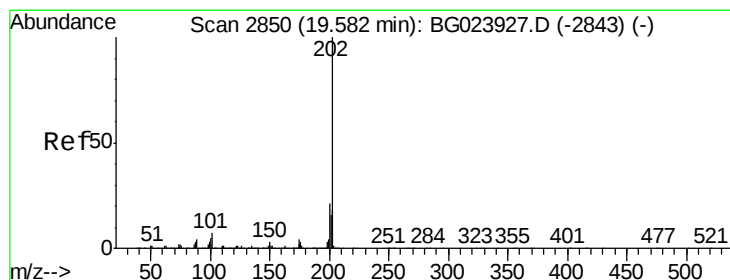
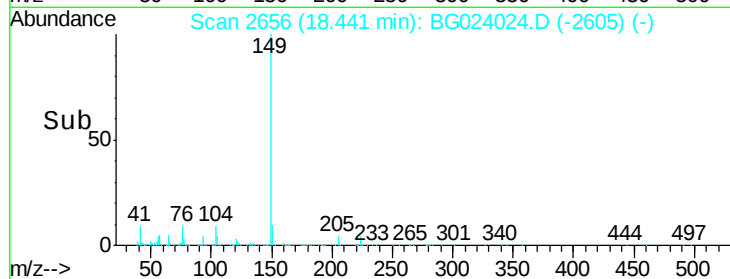
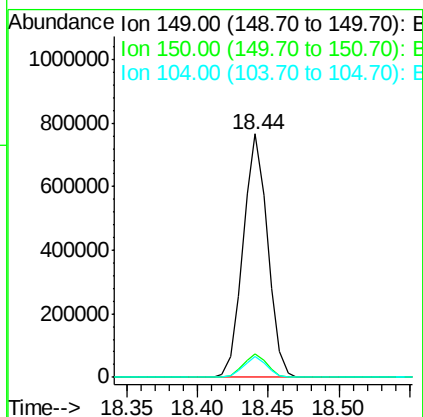
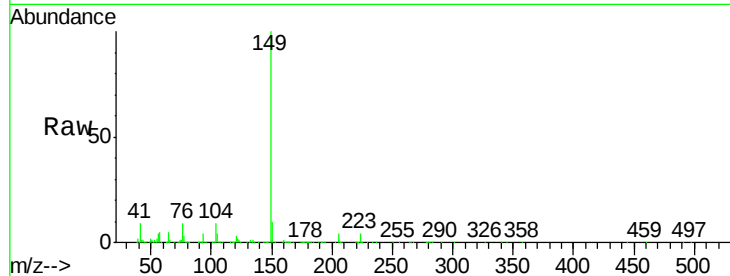




#73
Di-n-butylphthalate
Concen: 39.68 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

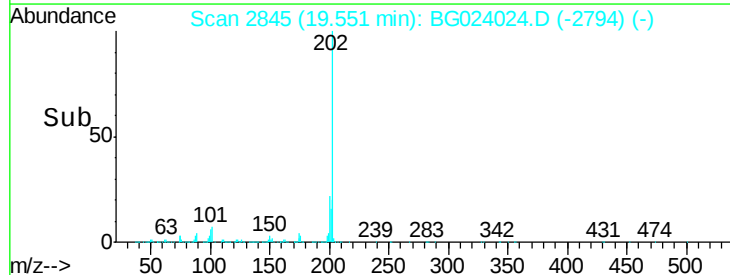
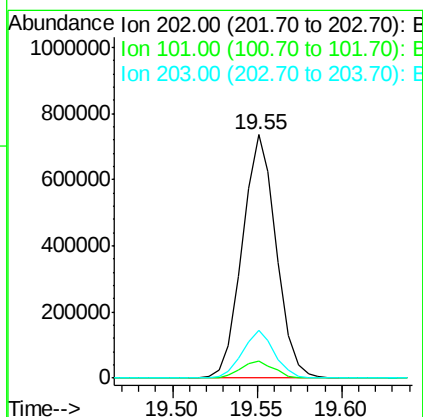
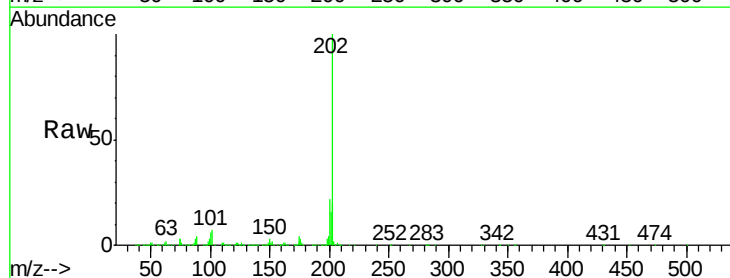
Instrument :
BNA_G
ClientSampleId :
PB93461BS

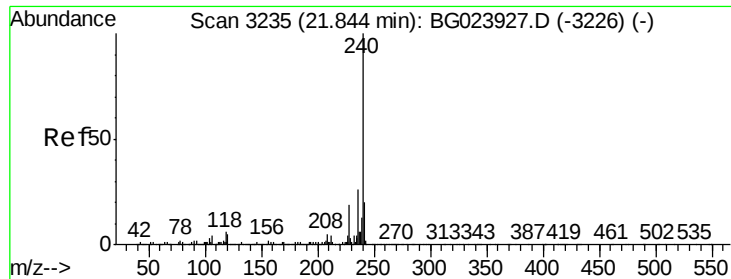
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	9.1	13.7
104	8.5	6.9	10.3



#74
Fluoranthene
Concen: 40.10 ng
RT: 19.55 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	27.4
203	19.6	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

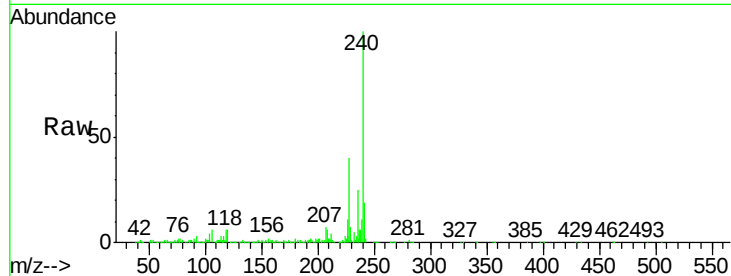
Tot Ion:240 Resp: 436784

Ion Ratio Lower Upper

240 100

120 6.1 4.1 6.1

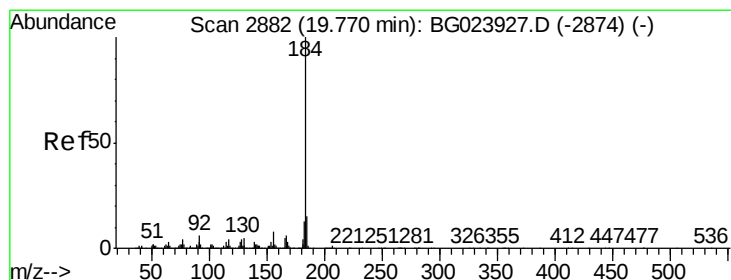
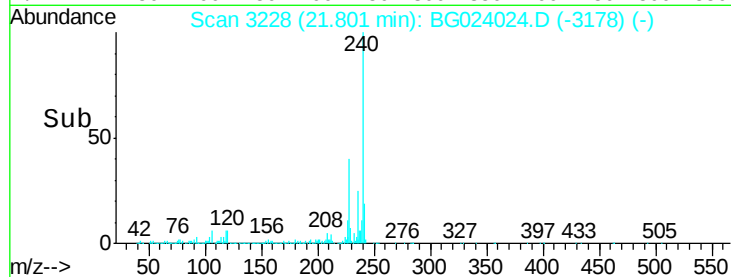
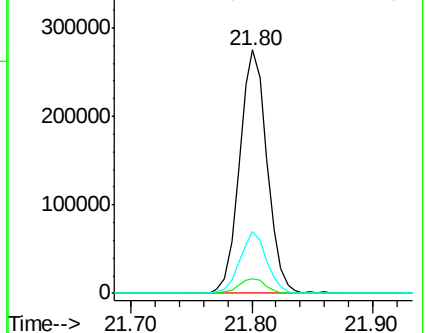
236 25.3 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.75 ng

RT: 19.74 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

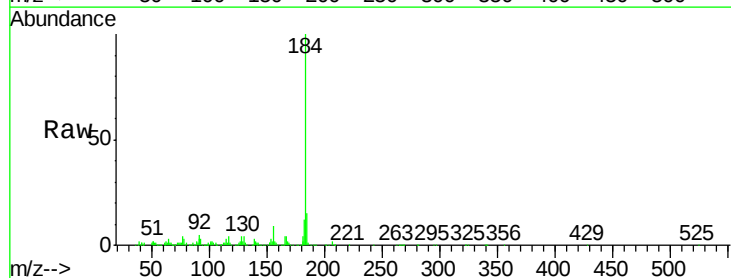
Tgt Ion:184 Resp: 348283

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

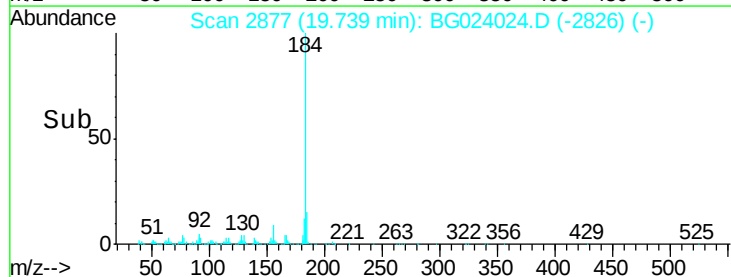
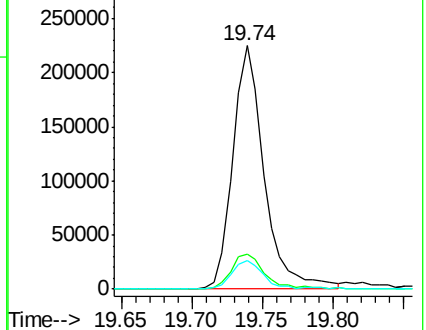
183 11.6 10.7 16.1

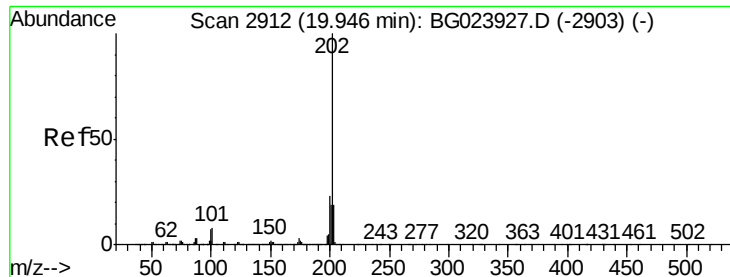


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.02 ng

RT: 19.91 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

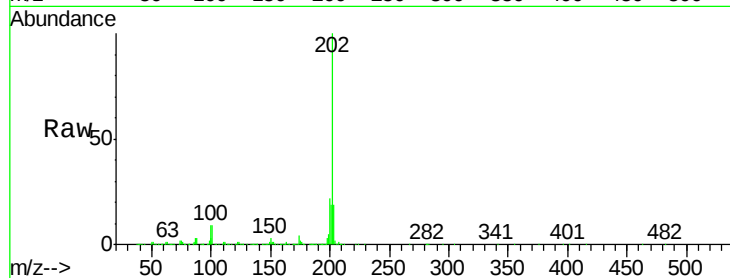
BNA_G

ClientSampleId :

PB93461BS

Tot Ion:202 Resp: 1021207

Ion	Ratio	Lower	Upper
202	100		
200	22.2	21.2	31.8
203	19.1	16.8	25.2

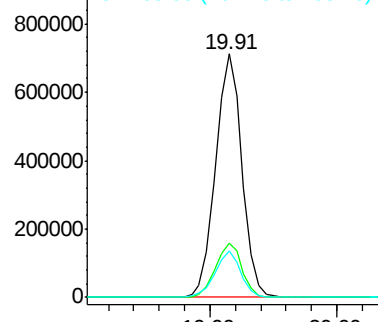


Abundance

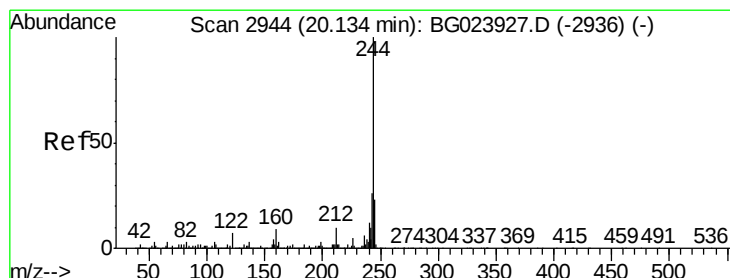
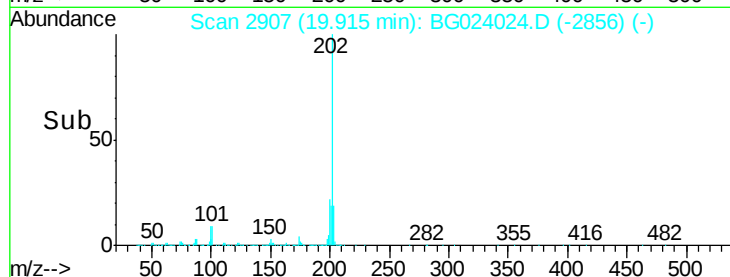
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 74.35 ng

RT: 20.10 min Scan# 2939

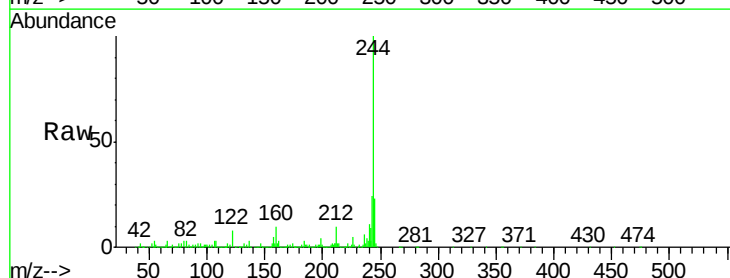
Delta R.T. -0.00 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Tgt Ion:244 Resp: 1425932

Ion	Ratio	Lower	Upper
244	100		
212	10.3	10.8	16.2#
122	7.7	8.0	12.0#

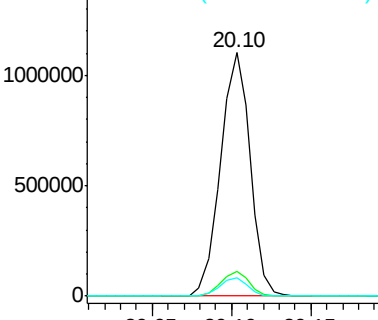


Abundance

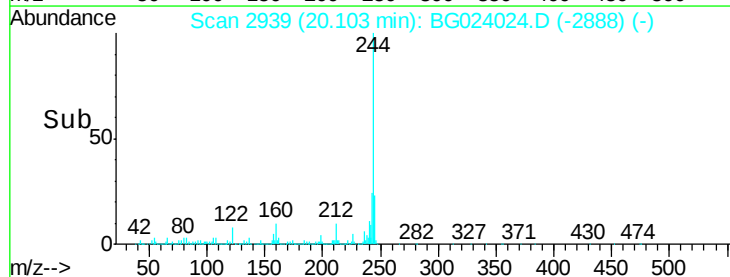
Ion 244.00 (243.70 to 244.70): E

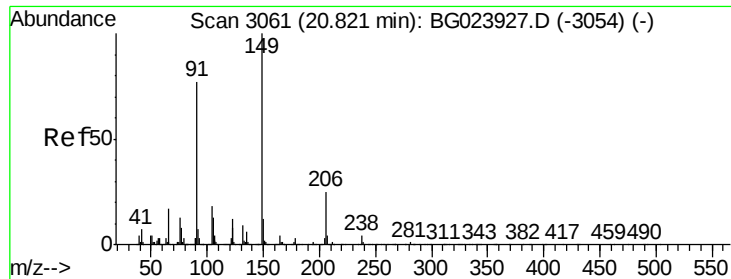
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

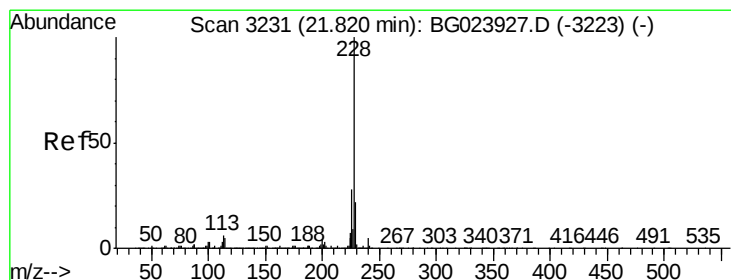
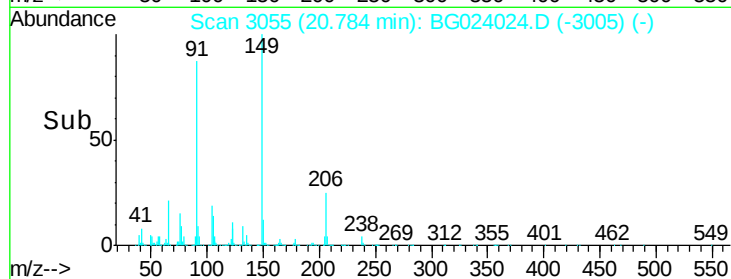
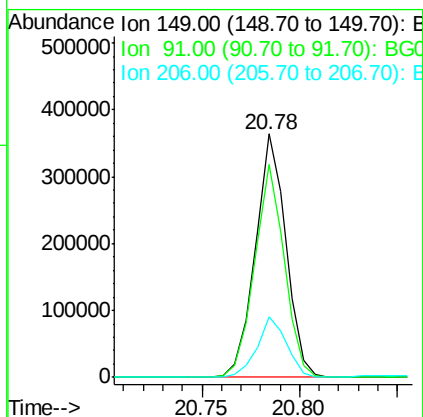
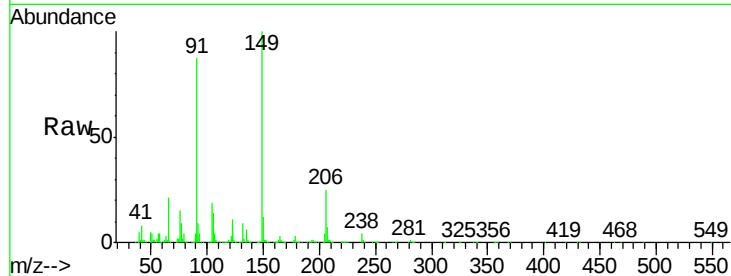




#79
Butylbenzylphthalate
Concen: 38.05 ng
RT: 20.78 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

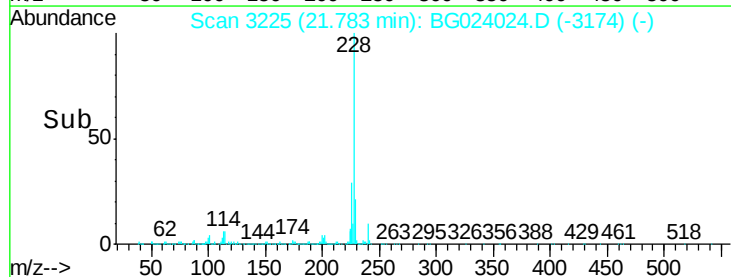
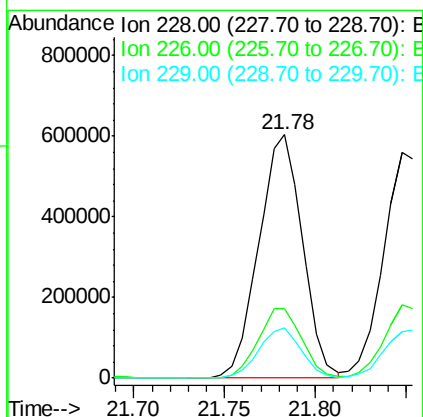
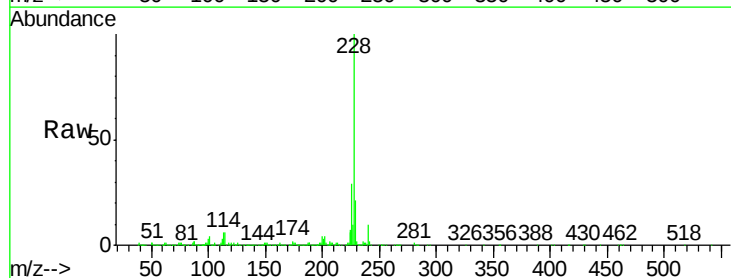
Instrument :
BNA_G
ClientSampleId :
PB93461BS

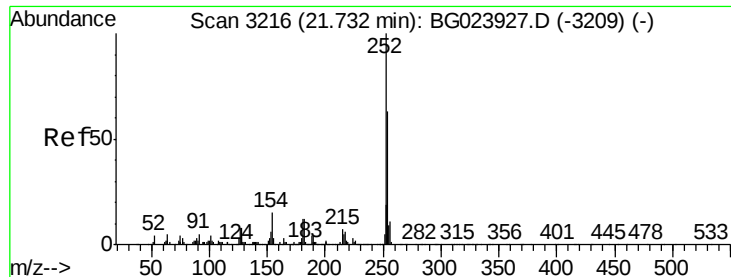
Tot Ion	Ratio	Lower	Upper
149	100		
91	87.4	68.1	102.1
206	24.8	19.8	29.6



#80
Benzo(a)anthracene
Concen: 41.51 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.3	37.9
229	20.8	19.9	29.9

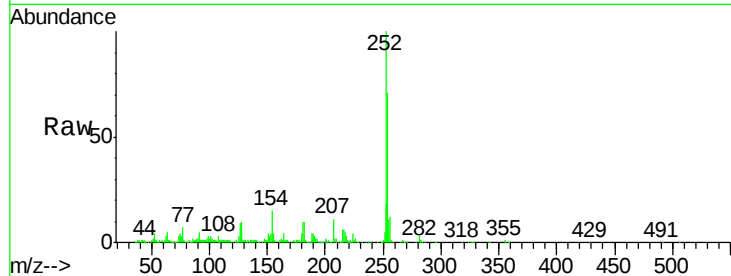




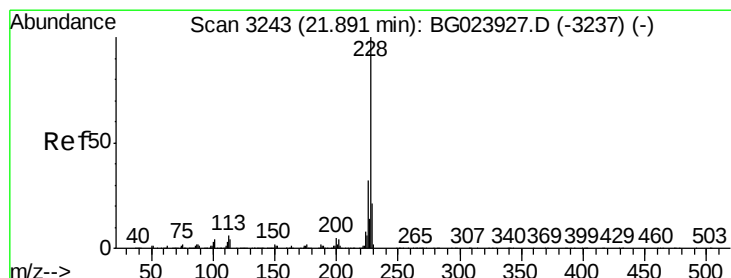
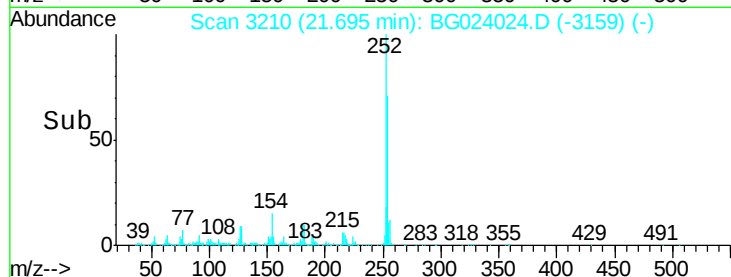
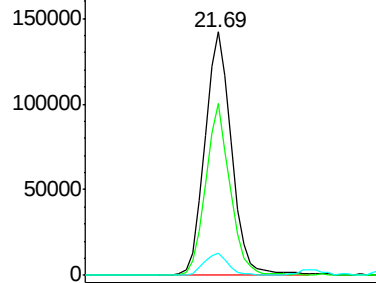
#81
 3,3'-Dichlorobenzidine
 Concen: 24.65 ng
 RT: 21.69 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

Tot Ion:252 Resp: 240924
 Ion Ratio Lower Upper
 252 100
 254 70.7 51.2 76.8
 126 8.9 5.3 7.9#

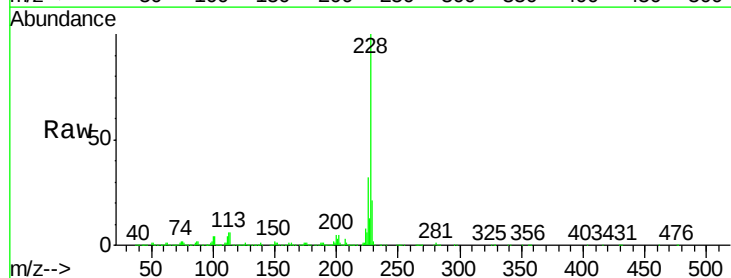


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

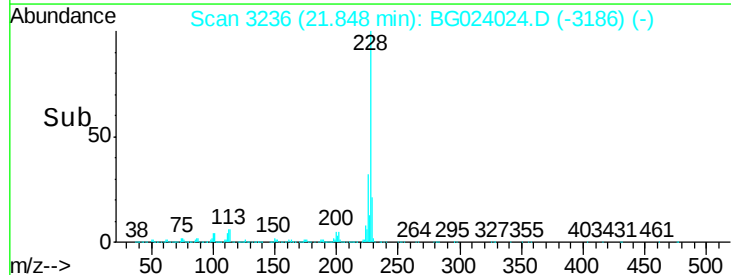
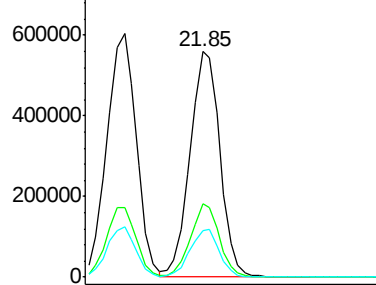


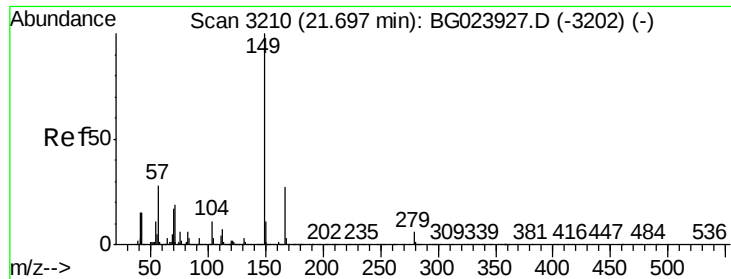
#82
 Chrysene
 Concen: 40.96 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. -0.01 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion:228 Resp: 953312
 Ion Ratio Lower Upper
 228 100
 226 32.4 26.7 40.1
 229 20.9 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

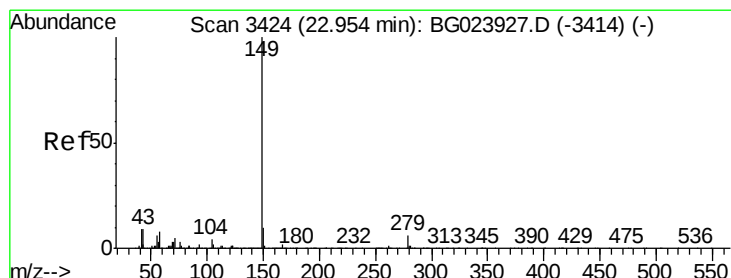
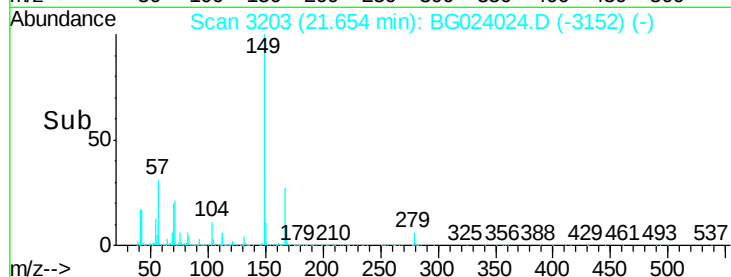
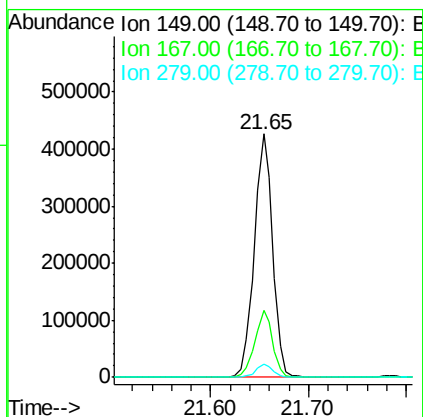
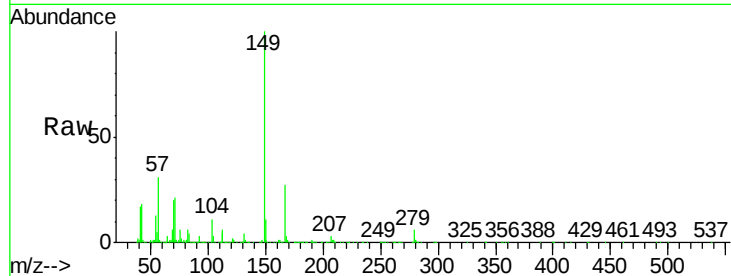




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.05 ng
 RT: 21.65 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

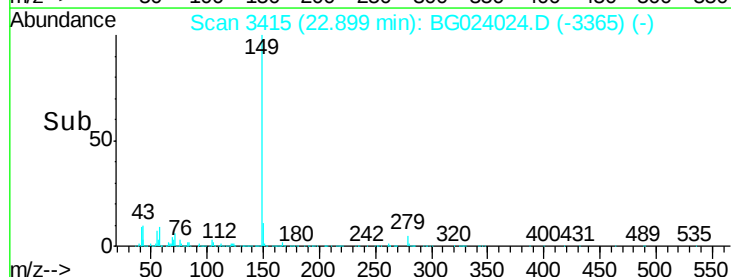
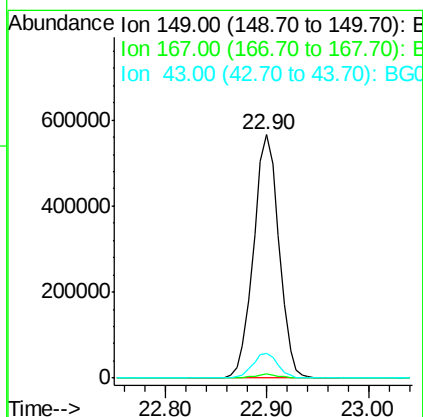
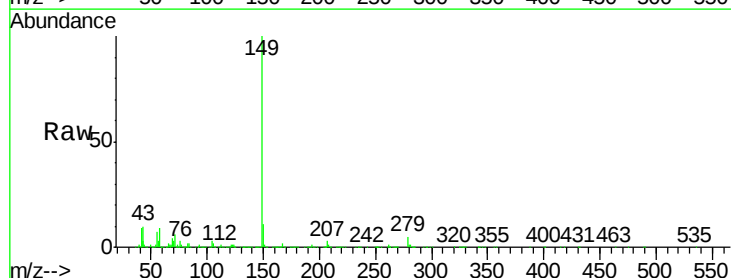
Instrument :
 BNA_G
 ClientSampleId :
 PB93461BS

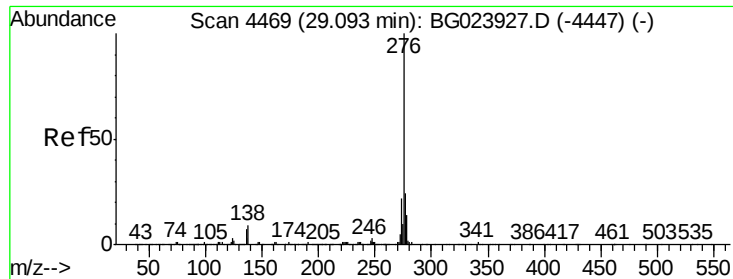
Tot Ion:149 Resp: 567901
 Ion Ratio Lower Upper
 149 100
 167 27.3 24.0 36.0
 279 5.6 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 42.29 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.01 min
 Lab File: BG024024.D
 Acq: 19 Sep 2016 18:53

Tgt Ion:149 Resp: 983393
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.4 8.8 13.2

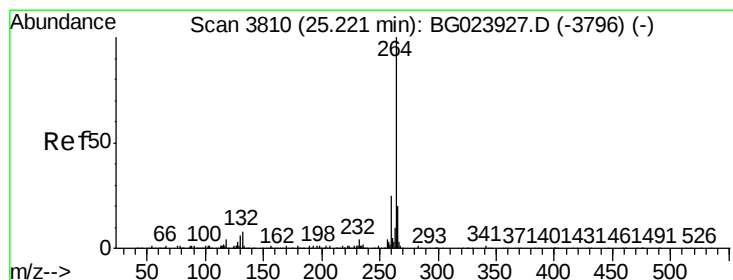
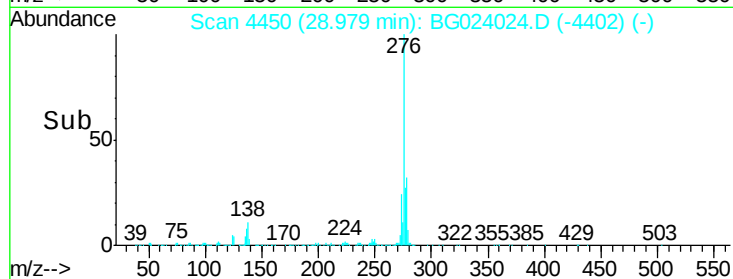
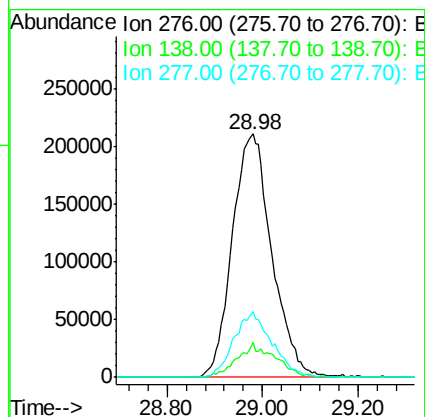
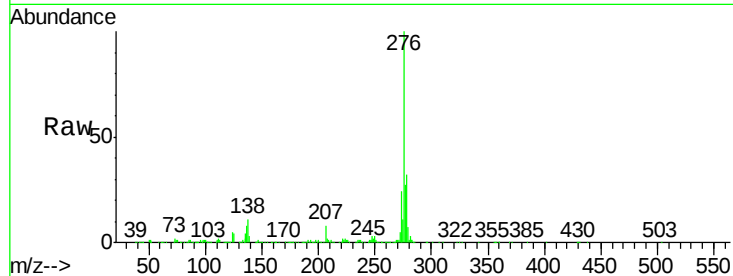




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.77 ng
RT: 28.98 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

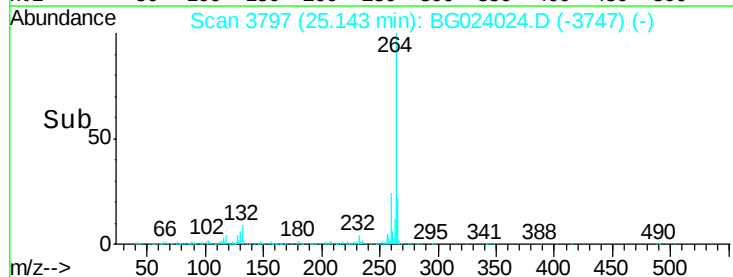
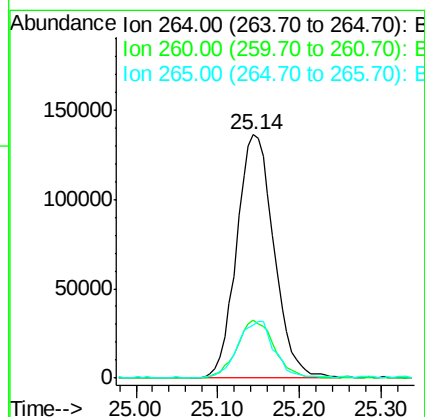
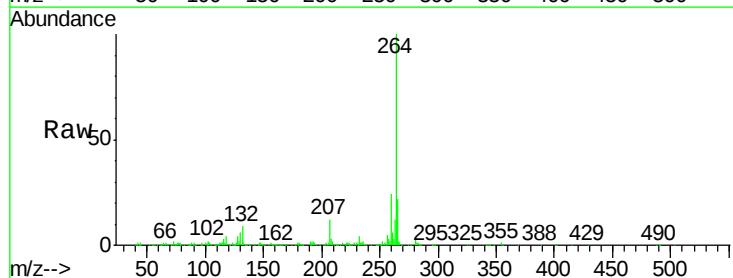
Instrument :
BNA_G
ClientSampleId :
PB93461BS

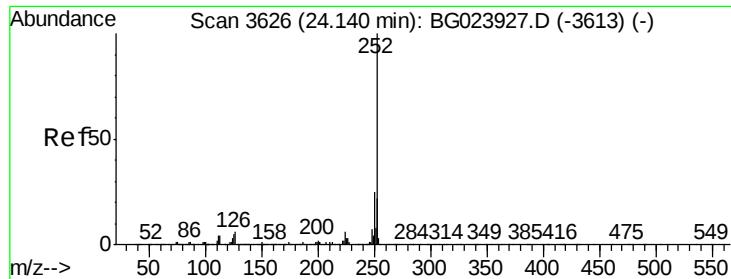
Tot Ion:276 Resp: 1205056
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
277 26.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.14 min Scan# 3797
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:264 Resp: 431994
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.7 18.9 28.3

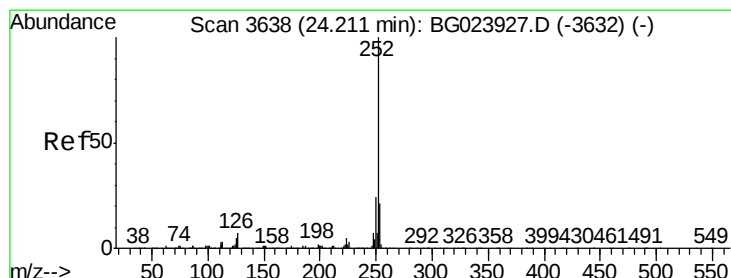
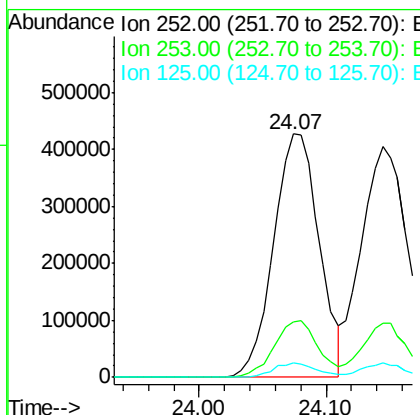
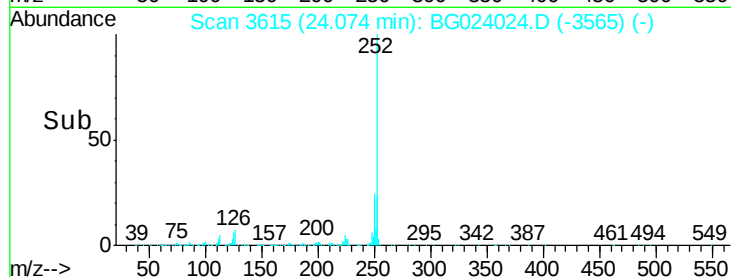
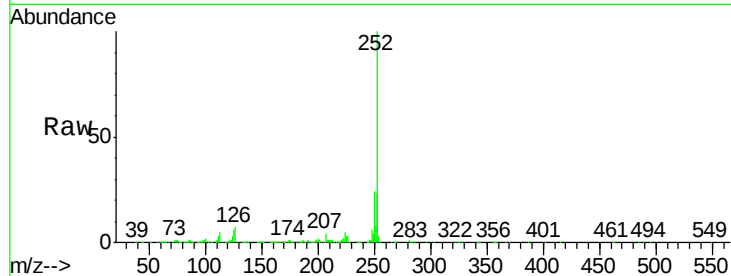




#87
Benzo(b)fluoranthene
Concen: 43.24 ng
RT: 24.07 min Scan# 3615
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

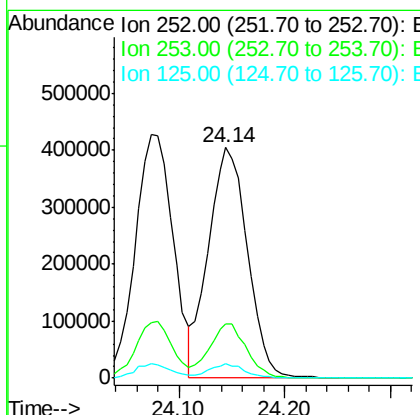
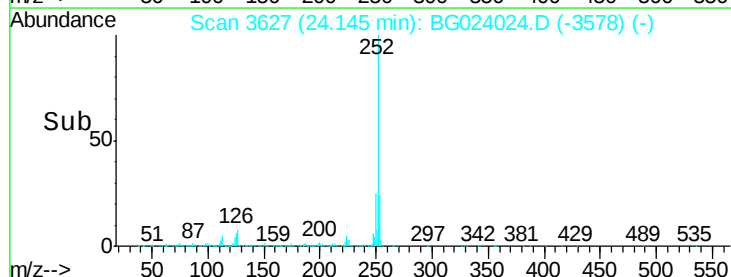
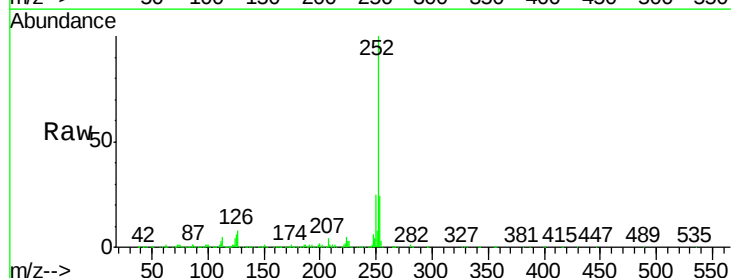
Instrument :
BNA_G
ClientSampleId :
PB93461BS

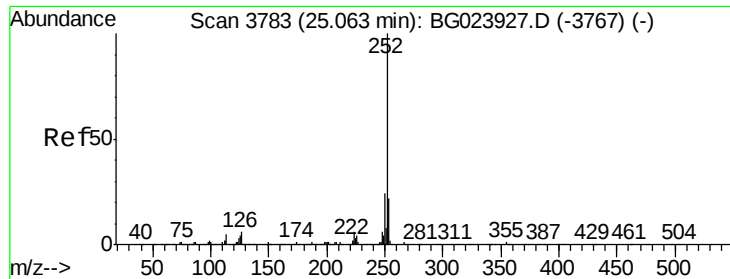
Tot Ion:252 Resp: 1061184
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 6.1 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 42.55 ng
RT: 24.14 min Scan# 3627
Delta R.T. -0.01 min
Lab File: BG024024.D
Acq: 19 Sep 2016 18:53

Tgt Ion:252 Resp: 1035438
Ion Ratio Lower Upper
252 100
253 23.8 18.8 28.2
125 6.4 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 44.45 ng

RT: 24.98 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

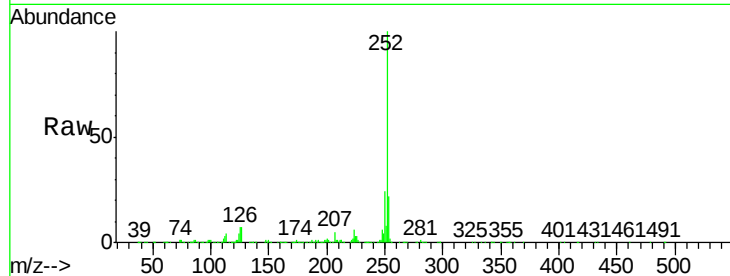
BNA_G

ClientSampleId :

PB93461BS

Tot Ion:252 Resp: 1035798

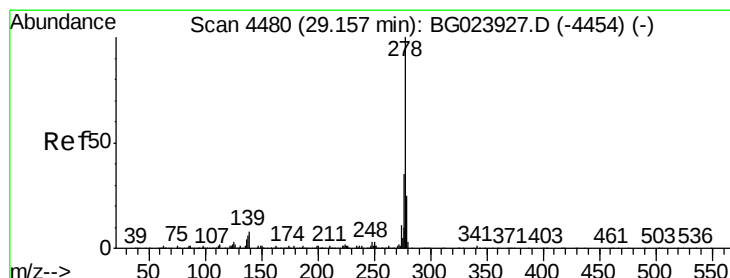
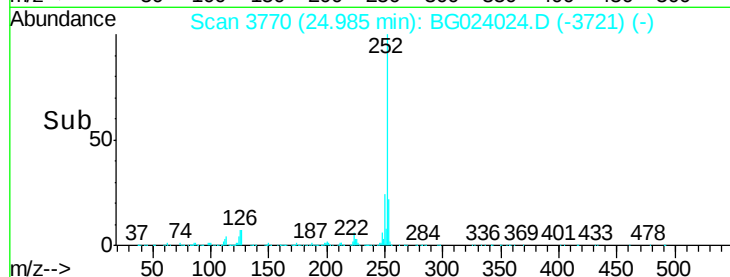
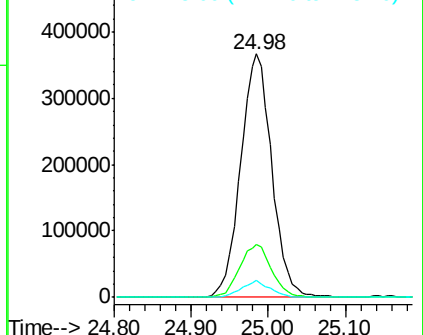
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	7.0	3.9	5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.55 ng

RT: 29.03 min Scan# 4458

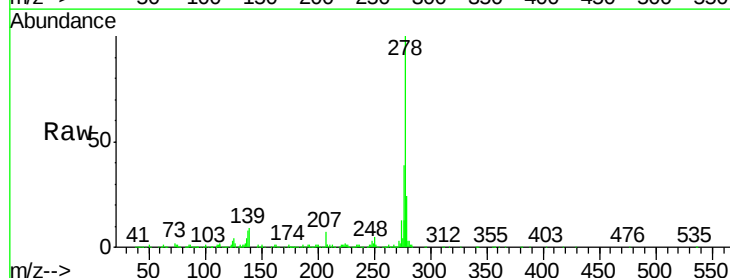
Delta R.T. -0.02 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Tgt Ion:278 Resp: 998069

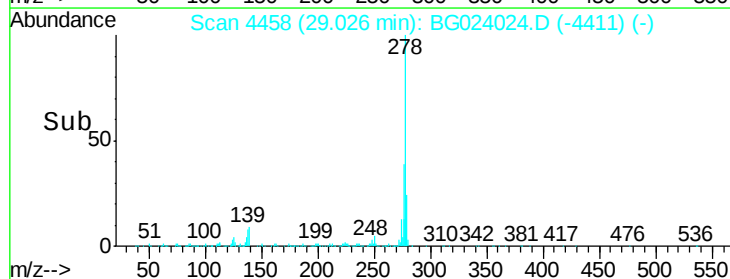
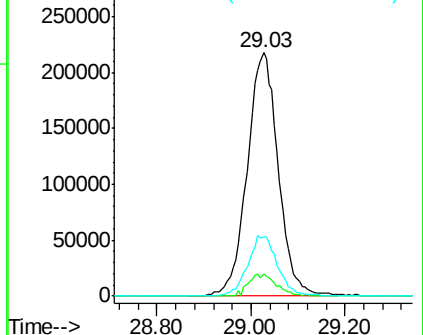
Ion	Ratio	Lower	Upper
278	100		
139	8.9	4.7	7.1#
279	24.5	18.3	27.5

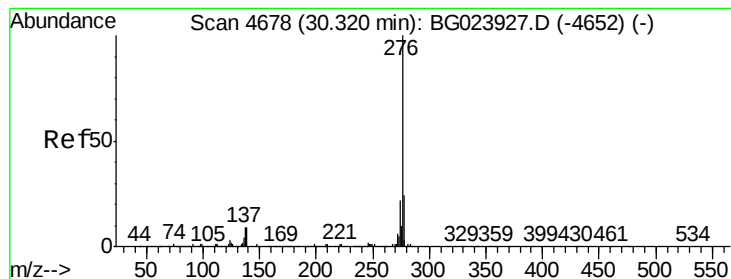


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.15 ng

RT: 30.17 min Scan# 4653

Delta R.T. -0.02 min

Lab File: BG024024.D

Acq: 19 Sep 2016 18:53

Instrument :

BNA_G

ClientSampleId :

PB93461BS

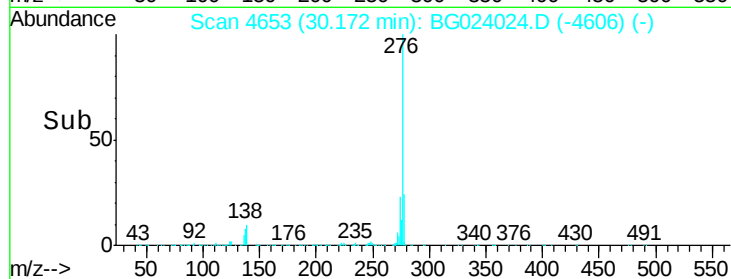
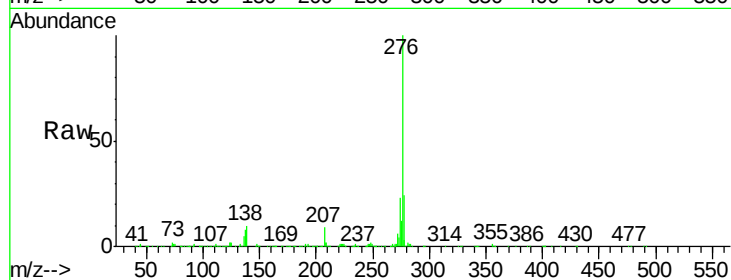
Tot Ion:276 Resp: 995085

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 10.3 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

250000

200000

150000

100000

50000

0

30.17

30.00

30.20

30.40

Time-->