

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
 Data File : BG024022.D
 Acq On : 19 Sep 2016 17:36
 Operator : UM/SJ
 Sample : PB93439BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

Quant Time: Sep 20 01:03:39 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	40565	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	186993	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	170892	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	408289	20.00	ng	0.00
75) Chrysene-d12	21.80	240	441773	20.00	ng	0.00
86) Perylene-d12	25.14	264	449648	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	298422	129.16	ng	0.00
7) Phenol-d6	7.23	99	454821	127.88	ng	0.00
23) Nitrobenzene-d5	9.24	82	351235	83.86	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	290938	94.49	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	751382	63.04	ng	0.00
78) Terphenyl-d14	20.10	244	1370536	70.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	27524	28.89	ng	93
3) Pyridine	3.87	79	95706	33.42	ng	98
4) n-Nitrosodimethylamine	3.78	42	61463	40.72	ng	# 80
6) Aniline	7.38	93	128191	27.15	ng	98
8) 2-Chlorophenol	7.62	128	107537	40.17	ng	87
9) Benzaldehyde	7.20	77	15257	6.04	ng	91
10) Phenol	7.26	94	158720	42.42	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	103220	35.06	ng	90
12) 1,3-Dichlorobenzene	7.94	146	107846	34.42	ng	96
13) 1,4-Dichlorobenzene	8.09	146	117254	35.33	ng	94
14) 1,2-Dichlorobenzene	8.41	146	110997	35.63	ng	# 91
15) Benzyl Alcohol	8.31	79	139081	44.35	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	142502	36.11	ng	93
17) 2-Methylphenol	8.51	107	108458	43.03	ng	99
18) Hexachloroethane	9.14	117	48677	38.09	ng	86
19) n-Nitroso-di-n-propylamine	8.87	70	122292	38.92	ng	96
20) 3+4-Methylphenols	8.85	107	146468	41.69	ng	95
22) Acetophenone	8.89	105	166061	34.30	ng	# 97
24) Nitrobenzene	9.28	77	181511	40.30	ng	96
25) Isophorone	9.80	82	320220	39.42	ng	97
26) 2-Nitrophenol	9.99	139	67383	39.35	ng	96
27) 2,4-Dimethylphenol	10.06	122	120547	41.43	ng	100
28) bis(2-Chloroethoxy)methane	10.28	93	168802	41.16	ng	97
29) 2,4-Dichlorophenol	10.55	162	133571	43.32	ng	99
30) 1,2,4-Trichlorobenzene	10.75	180	130733	38.66	ng	94
31) Naphthalene	10.94	128	359052	37.26	ng	100
32) Benzoic acid	10.22	122	59997	25.39	ng	97
33) 4-Chloroaniline	11.07	127	78606	19.54	ng	90
34) Hexachlorobutadiene	11.21	225	102300	40.28	ng	97
35) Caprolactam	11.84	113	44675	41.11	ng	# 81
36) 4-Chloro-3-methylphenol	12.20	107	172018	41.75	ng	98
37) 2-Methylnaphthalene	12.55	142	281896	38.46	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	163689	28.86	ng	99
40) Hexachlorocyclopentadiene	12.88	237	193554	58.70	ng	98

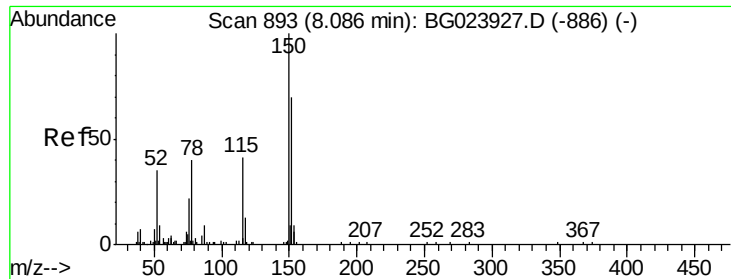
Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	126782	33.49	nq	99
43) 2,4,5-Trichlorophenol	13.25	196	131565	34.38	nq	92
45) 1,1'-Biphenyl	13.55	154	374277	27.23	nq	97
46) 2-Chloronaphthalene	13.61	162	334591	33.16	nq	96
47) 2-Nitroaniline	13.82	65	152699	38.42	nq	96
48) Acenaphthylene	14.45	152	533916	31.74	nq	99
49) Dimethylphthalate	14.18	163	482981	32.96	nq	99
50) 2,6-Dinitrotoluene	14.31	165	105276	34.03	nq	99
51) Acenaphthene	14.79	154	346687	33.34	nq	99
52) 3-Nitroaniline	14.65	138	68268	23.59	nq	88
53) 2,4-Dinitrophenol	14.87	184	119459	55.03	nq	94
54) Dibenzofuran	15.13	168	566926	34.93	nq	98
55) 4-Nitrophenol	14.99	139	133653	58.06	nq	# 80
56) 2,4-Dinitrotoluene	15.11	165	152962	33.64	nq	87
57) Fluorene	15.78	166	472879	33.60	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	144039	37.09	nq	96
59) Diethylphthalate	15.54	149	522030	33.37	nq	99
60) 4-Chlorophenyl-phenylether	15.77	204	249510	32.93	nq	96
61) 4-Nitroaniline	15.83	138	94066	32.16	nq	94
62) Azobenzene	16.06	77	591563	39.04	nq	95
64) 4,6-Dinitro-2-methylphenol	15.88	198	94844	33.46	nq	89
65) n-Nitrosodiphenylamine	15.99	169	436423	37.63	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	189600	38.17	nq	96
67) Hexachlorobenzene	16.79	284	198028	33.99	nq	95
68) Atrazine	16.94	200	183702	36.82	nq	98
69) Pentachlorophenol	17.15	266	189254	61.16	nq	97
70) Phenanthrene	17.54	178	832430	39.19	nq	98
71) Anthracene	17.63	178	828907	38.26	nq	96
72) Carbazole	17.91	167	709898	36.11	nq	97
73) Di-n-butylphthalate	18.44	149	862881	36.79	nq	98
74) Fluoranthene	19.55	202	969491	37.91	nq	95
76) Benzidine	19.74	184	373359	27.29	nq	96
77) Pyrene	19.92	202	973823	35.84	nq	94
79) Butylbenzylphthalate	20.78	149	387230	36.97	nq	100
80) Benzo(a)anthracene	21.78	228	979871	39.62	nq	93
81) 3,3'-Dichlorobenzidine	21.70	252	237161	23.99	nq	# 99
82) Chrysene	21.85	228	936482	39.78	nq	97
83) Bis(2-ethylhexyl)phthalate	21.65	149	537050	37.45	nq	96
84) Di-n-octyl phthalate	22.90	149	929633	39.53	nq	99
85) Indeno(1,2,3-cd)pyrene	28.97	276	1164690	44.69	nq	# 100
87) Benzo(b)fluoranthene	24.07	252	1018289	39.87	nq	98
88) Benzo(k)fluoranthene	24.15	252	996675	39.35	nq	# 97
89) Benzo(a)pyrene	24.98	252	982968	40.53	nq	# 99
90) Dibenzo(a,h)anthracene	29.03	278	954475	40.01	nq	# 95
91) Benzo(g,h,i)perylene	30.17	276	960236	41.86	nq	# 97

(#) = 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: BG024022.D

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PB93439BS

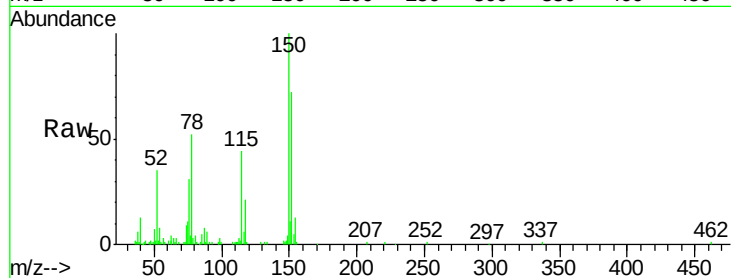
Tot Ion:152 Resp: 40565

Ion Ratio Lower Upper

152 100

150 138.4 144.7 217.1#

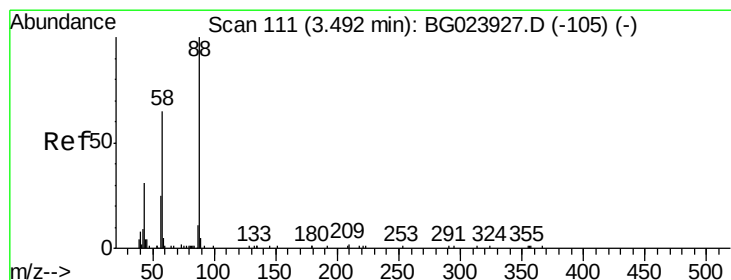
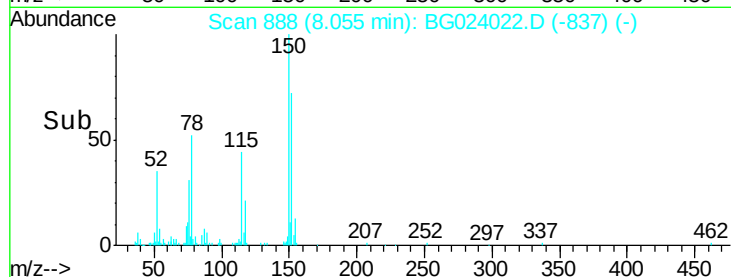
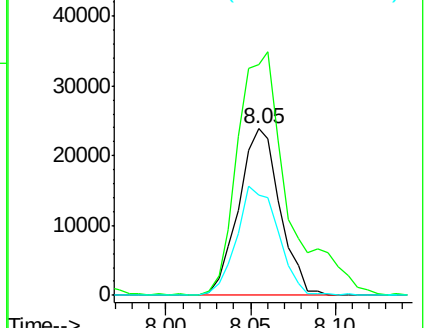
115 60.3 64.0 96.0#



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: 28.89 ng

RT: 3.46 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

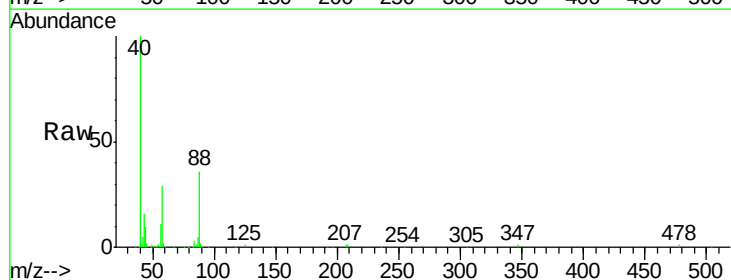
Tgt Ion: 88 Resp: 27524

Ion Ratio Lower Upper

88 100

58 84.0 60.4 90.6

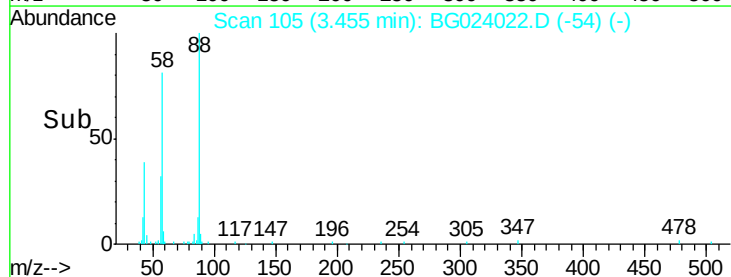
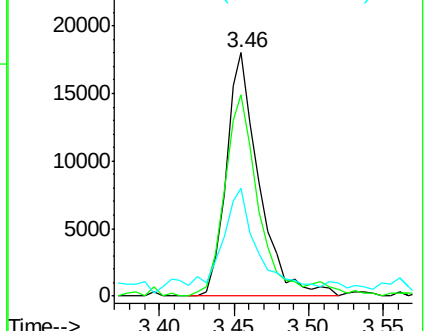
43 39.9 31.1 46.7

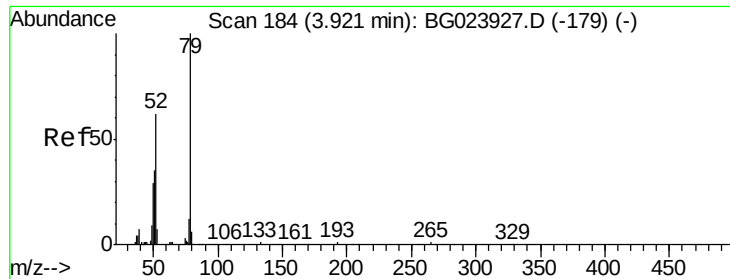


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.42 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

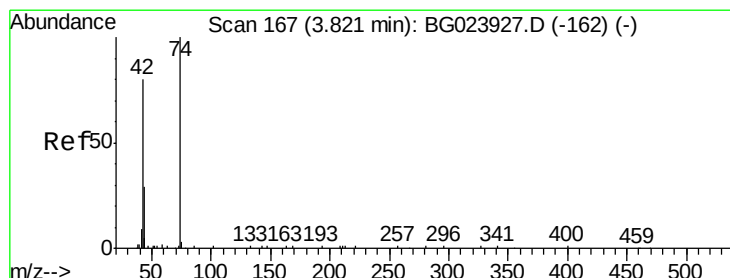
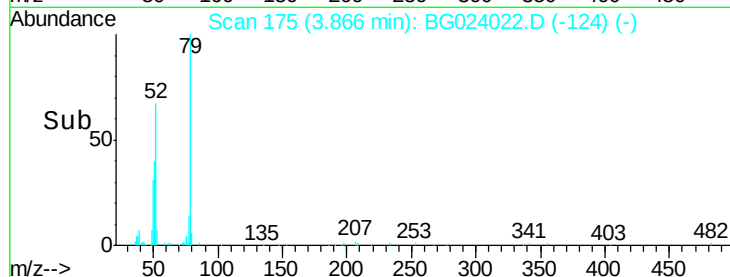
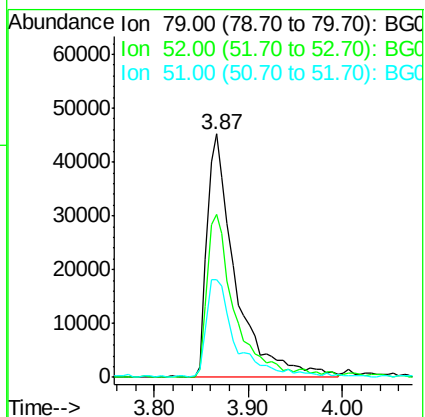
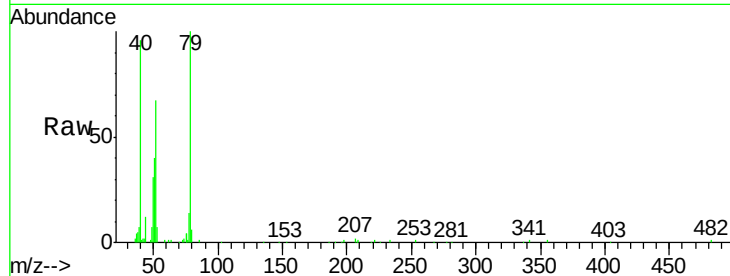
Tot Ion: 79 Resp: 95706

Ion Ratio Lower Upper

79 100

52 67.1 51.8 77.8

51 40.4 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 40.72 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

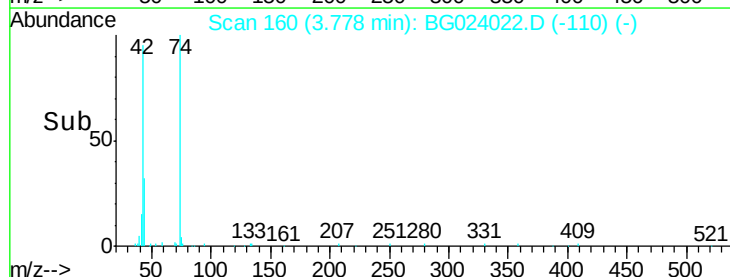
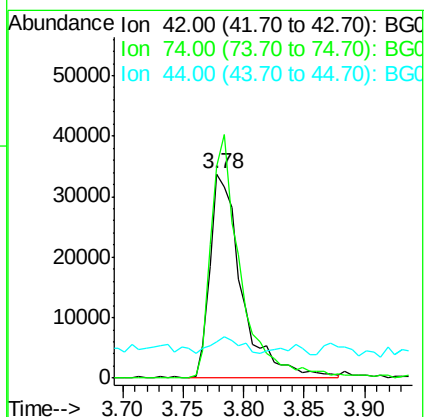
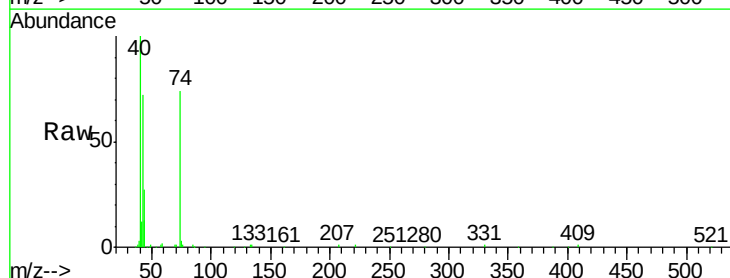
Tgt Ion: 42 Resp: 61463

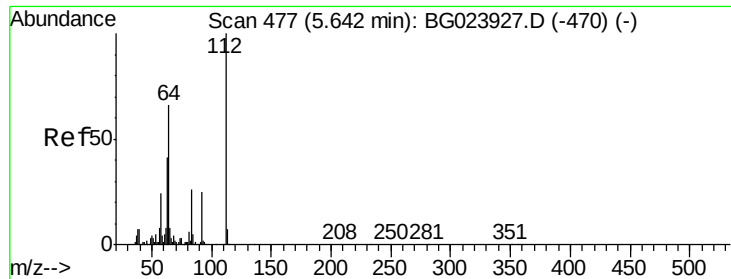
Ion Ratio Lower Upper

42 100

74 103.9 100.6 150.8

44 17.7 4.5 6.7#





#5

2-Fluorophenol

Concen: 129.16 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

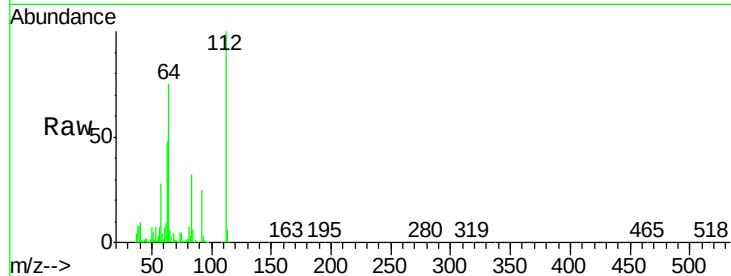
Tot Ion:112 Resp: 298422

Ion Ratio Lower Upper

112 100

64 75.2 59.0 88.4

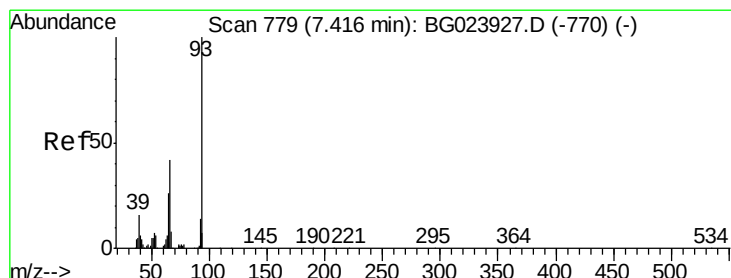
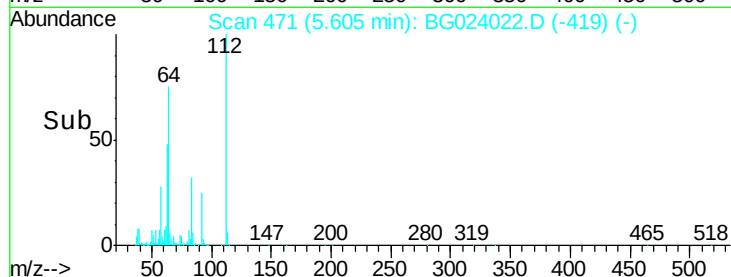
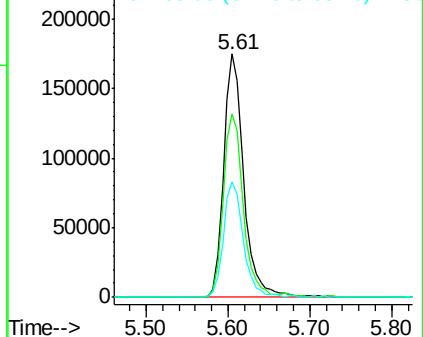
63 47.6 37.8 56.8



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: 27.15 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

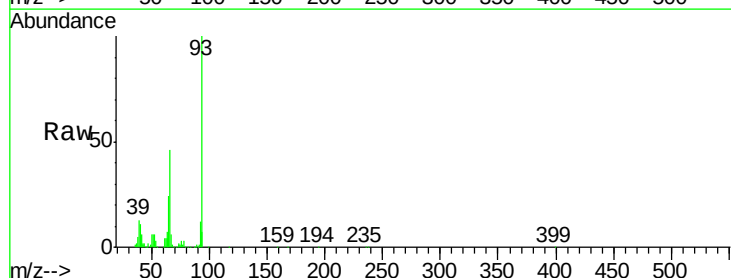
Tgt Ion: 93 Resp: 128191

Ion Ratio Lower Upper

93 100

66 46.1 37.5 56.3

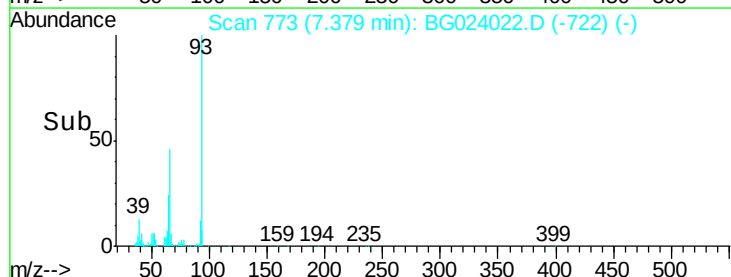
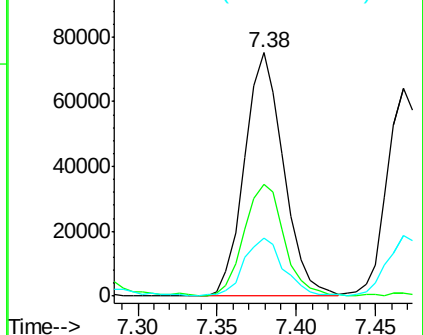
65 24.1 17.9 26.9

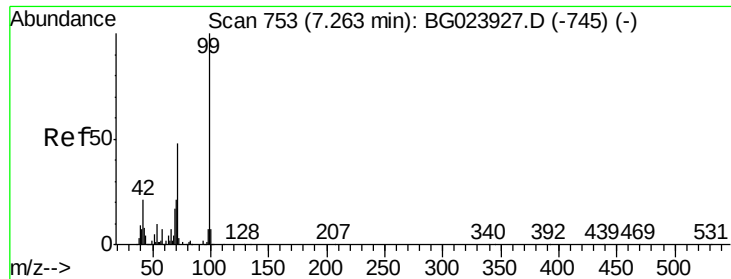


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.88 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

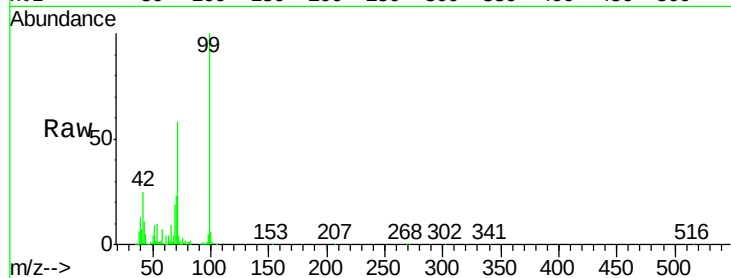
Tot Ion: 99 Resp: 454821

Ion Ratio Lower Upper

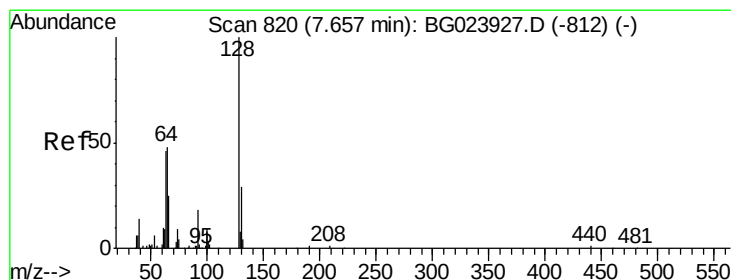
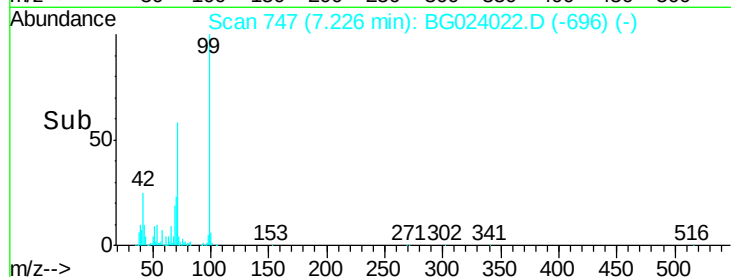
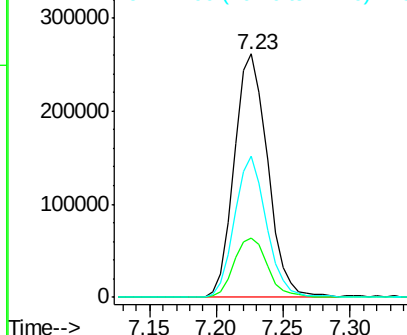
99 100

42 24.5 17.8 26.6

71 57.8 41.5 62.3



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



#8

2-Chlorophenol

Concen: 40.17 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

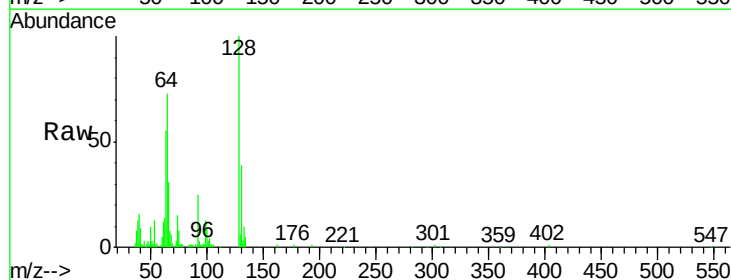
Tgt Ion: 128 Resp: 107537

Ion Ratio Lower Upper

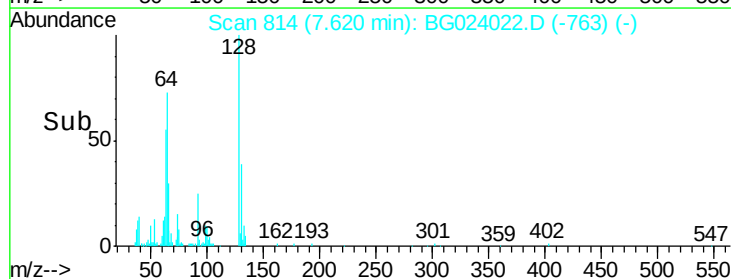
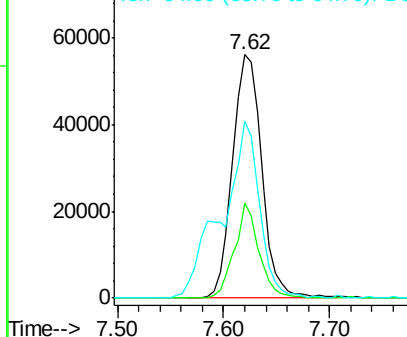
128 100

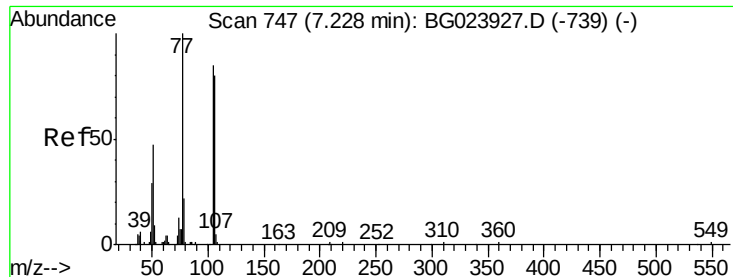
130 38.9 12.9 52.9

64 73.0 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: 6.04 ng

RT: 7.20 min Scan# 743

Delta R.T. 0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleID :

PB93439BS

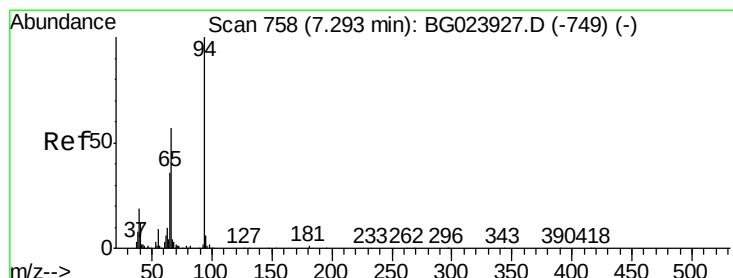
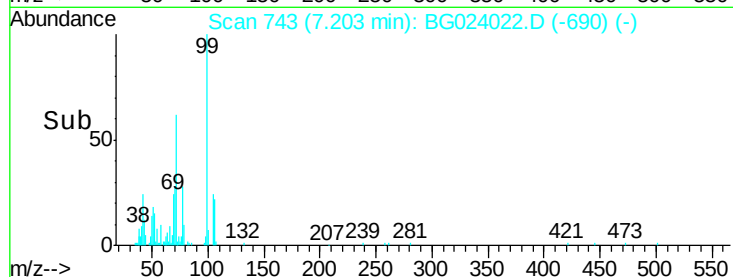
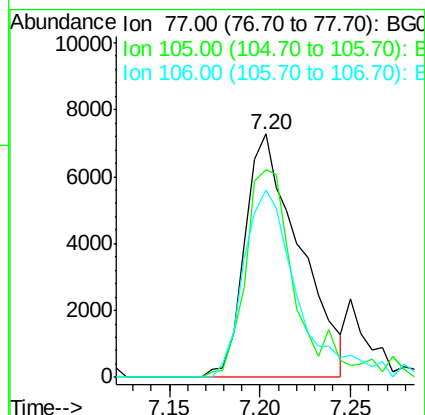
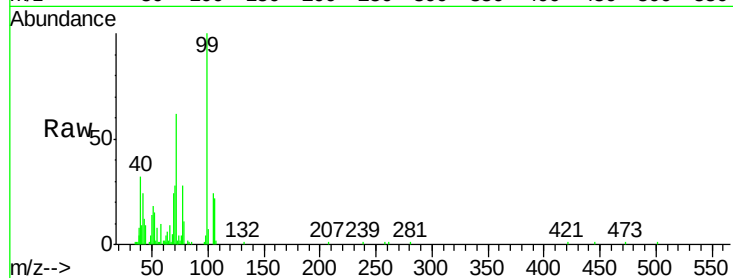
Tot Ion: 77 Resp: 15257

Ion Ratio Lower Upper

77 100

105 85.2 58.7 98.7

106 77.2 67.5 107.5



#10

Phenol

Concen: 42.42 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

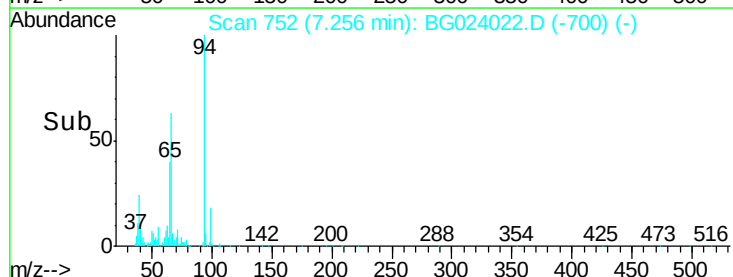
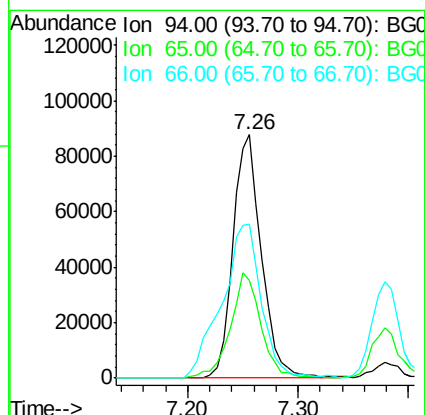
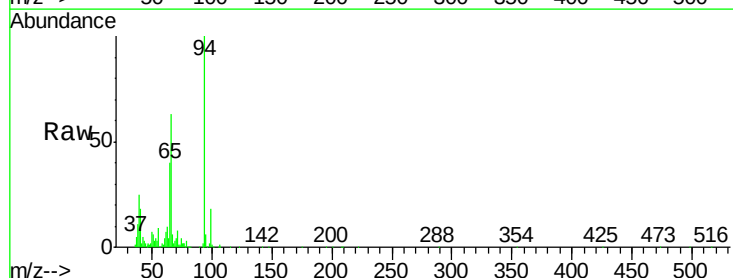
Tgt Ion: 94 Resp: 158720

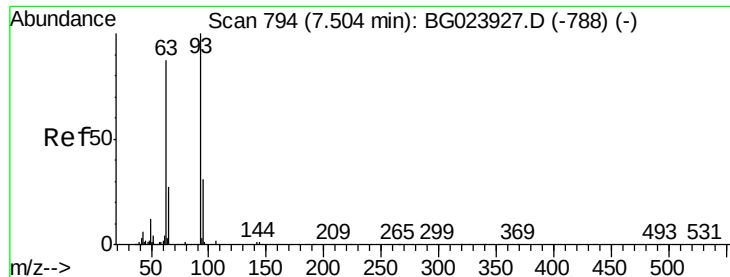
Ion Ratio Lower Upper

94 100

65 40.3 18.1 58.1

66 63.4 42.1 82.1





#11

bis(2-Chloroethyl)ether

Concen: 35.06 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

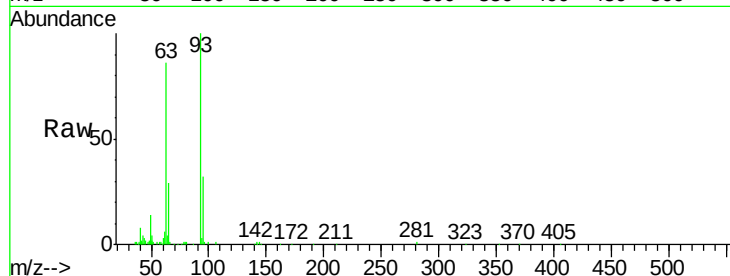
Tot Ion: 93 Resp: 103220

Ion Ratio Lower Upper

93 100

63 86.1 55.0 95.0

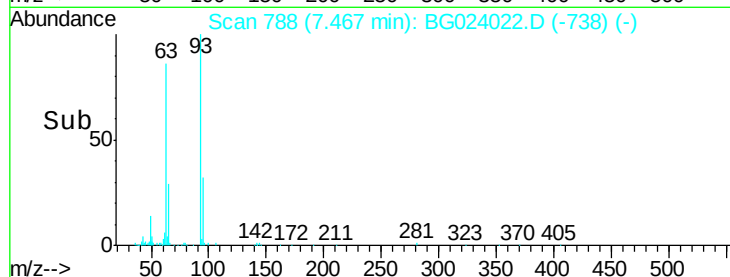
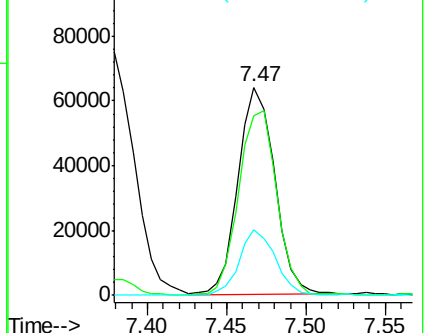
95 31.8 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 34.42 ng

RT: 7.94 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

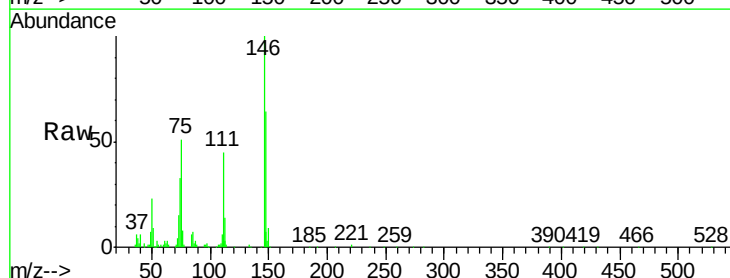
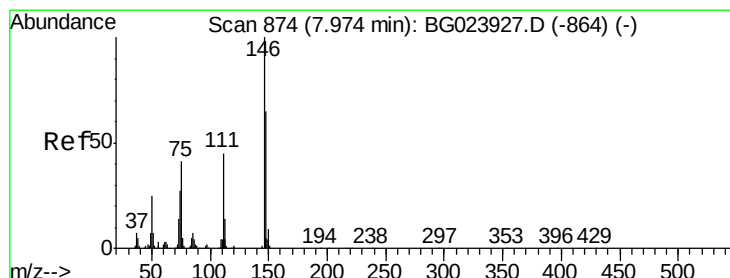
Tgt Ion: 146 Resp: 107846

Ion Ratio Lower Upper

146 100

148 64.0 50.3 75.5

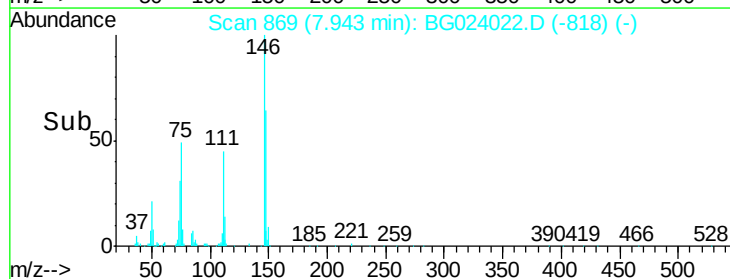
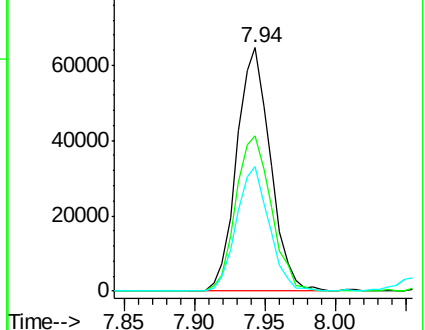
75 51.3 37.0 55.6

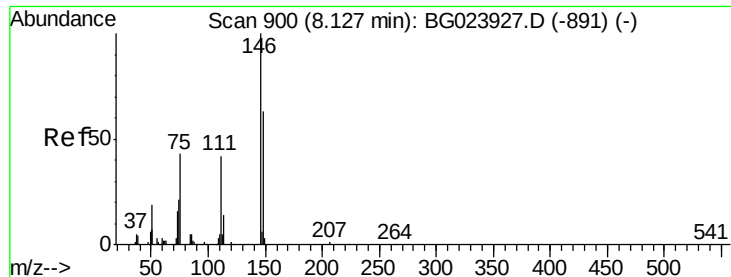


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

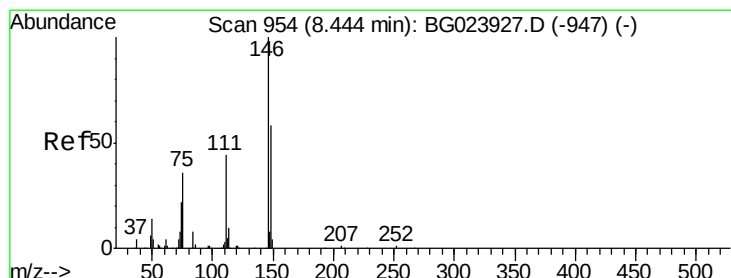
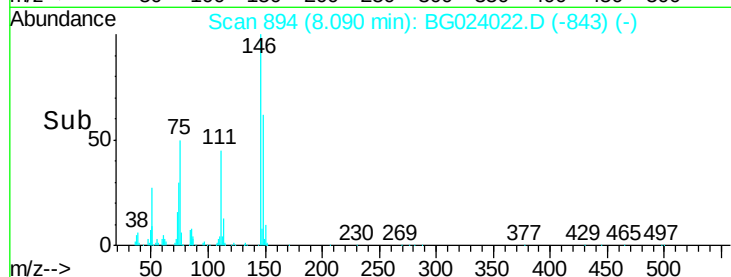
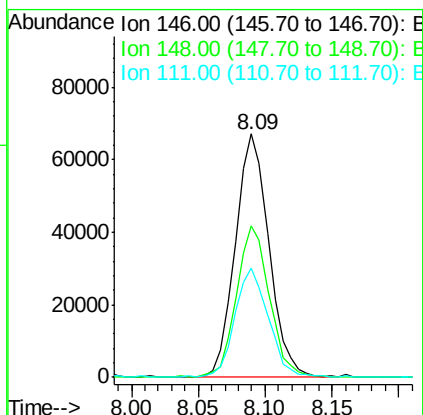
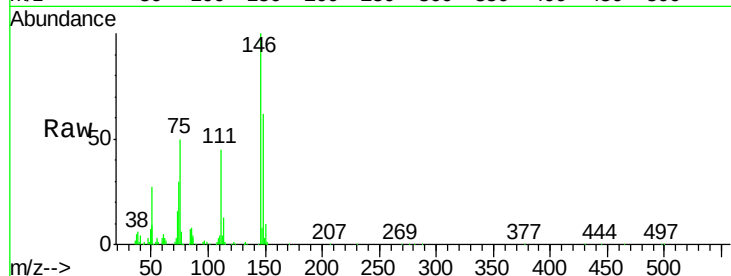




#13
 1,4-Dichlorobenzene
 Concen: 35.33 ng
 RT: 8.09 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

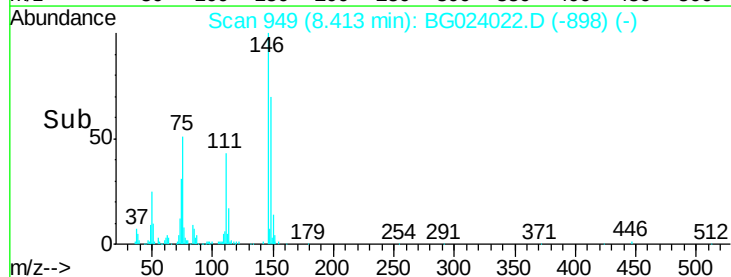
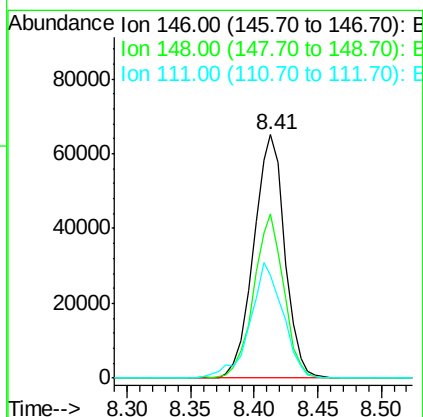
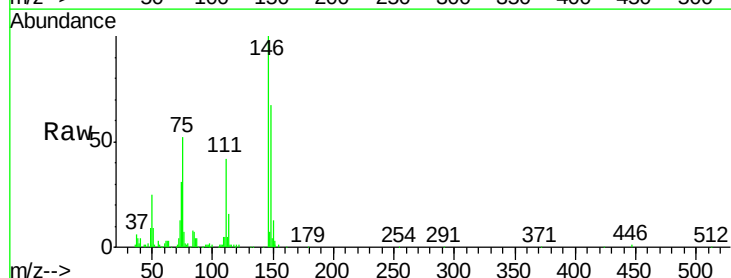
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

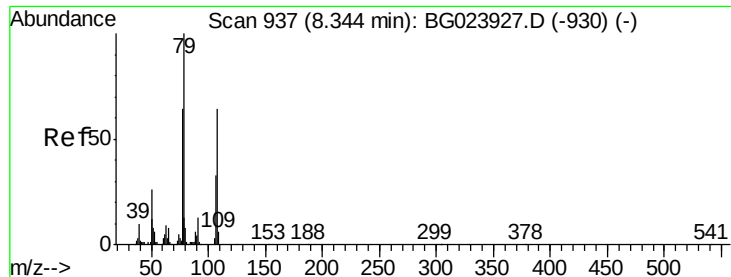
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	54.5	81.7
111	45.1	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 35.63 ng
 RT: 8.41 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.9	79.3
111	42.0	43.5	65.3#

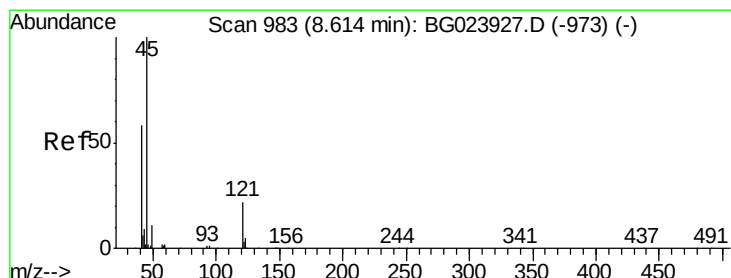
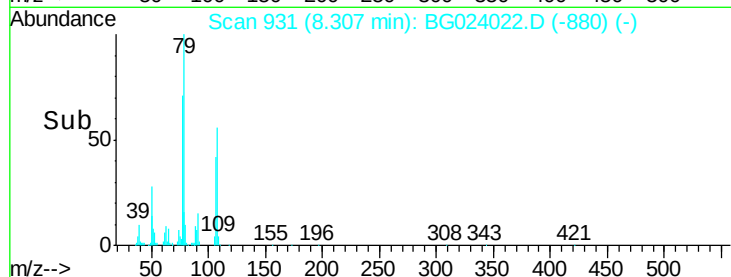
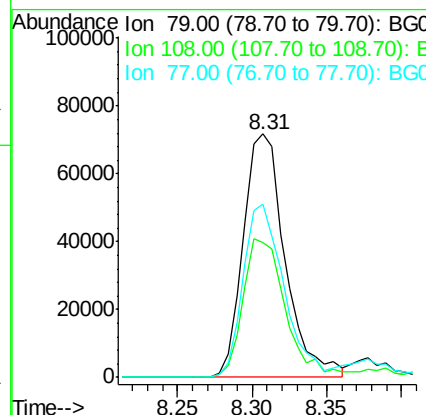
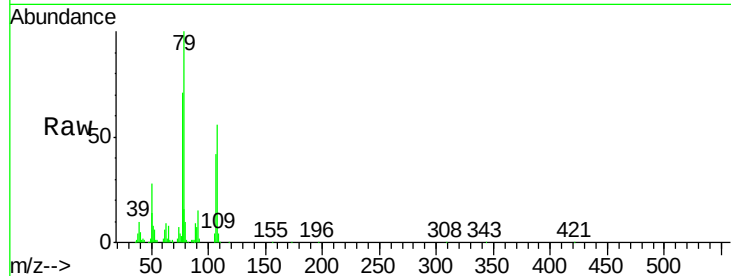




#15
Benzvl Alcohol
Concen: 44.35 ng
RT: 8.31 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

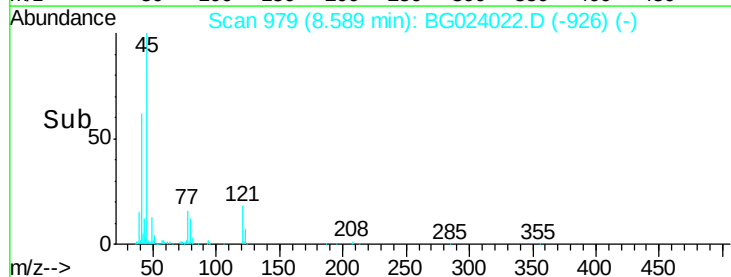
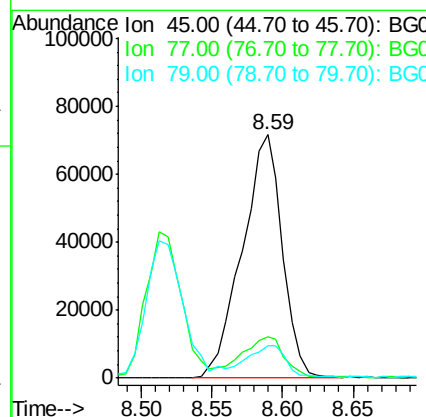
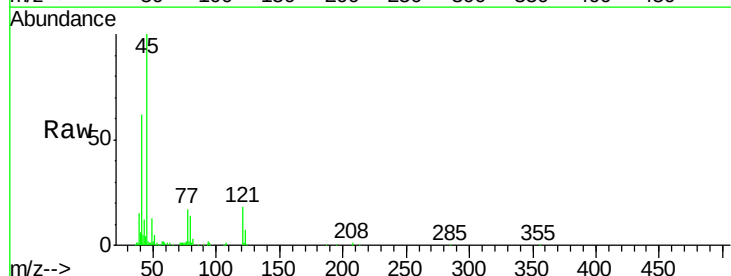
Instrument :
BNA_G
ClientSampleId :
PB93439BS

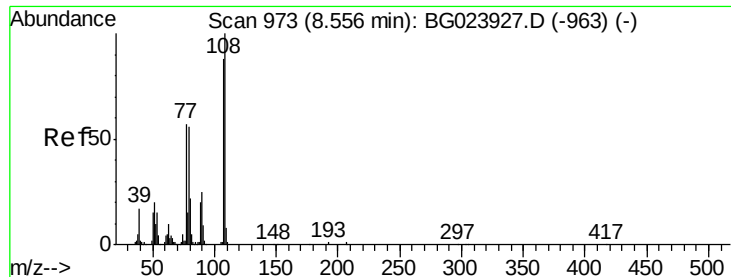
Tot Ion: 79 Resp: 139081
Ion Ratio Lower Upper
79 100
108 55.5 46.5 69.7
77 71.1 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.11 ng
RT: 8.59 min Scan# 979
Delta R.T. 0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion: 45 Resp: 142502
Ion Ratio Lower Upper
45 100
77 16.7 0.6 40.6
79 13.5 0.0 36.2





#17

2-Methylphenol

Concen: 43.03 ng

RT: 8.51 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

Tot Ion:107 Resp: 108458

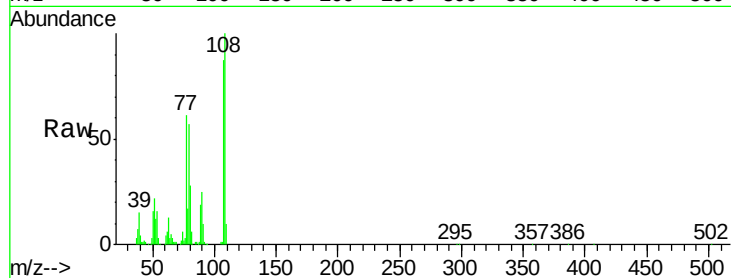
Ion Ratio Lower Upper

107 100

108 114.9 92.0 138.0

77 70.3 55.8 83.6

79 65.8 55.0 82.6

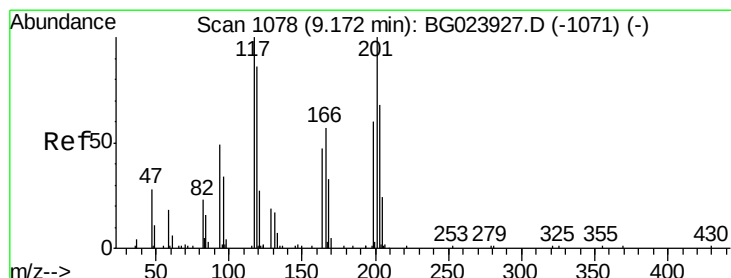
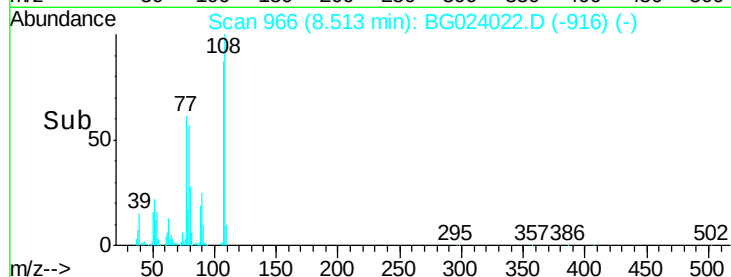
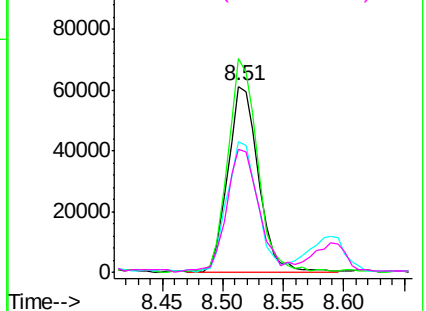


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.09 ng

RT: 9.14 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

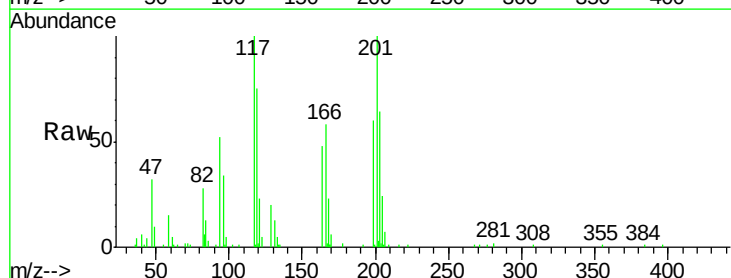
Tgt Ion:117 Resp: 48677

Ion Ratio Lower Upper

117 100

119 75.2 73.7 110.5

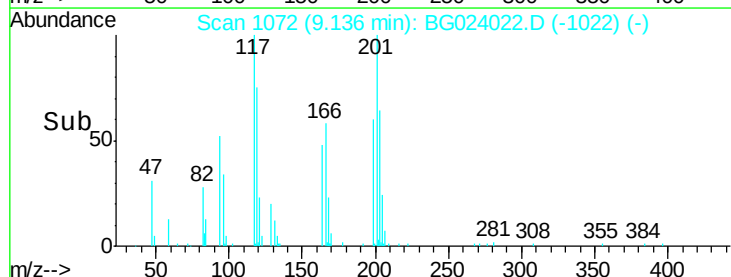
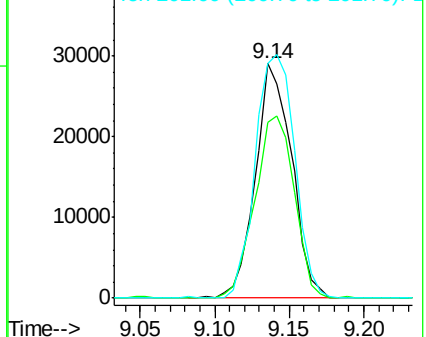
201 100.1 88.7 133.1

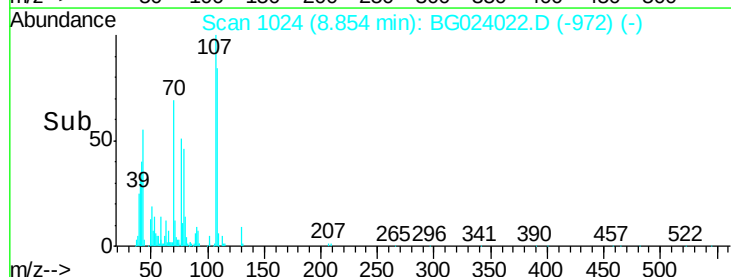
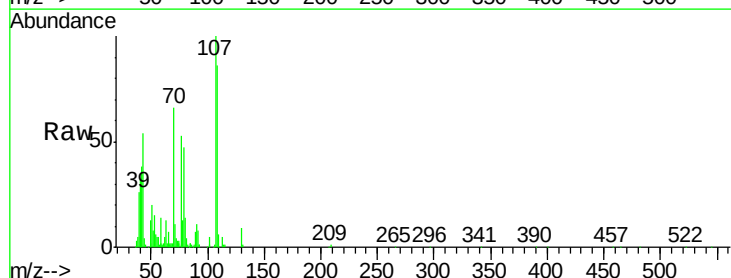
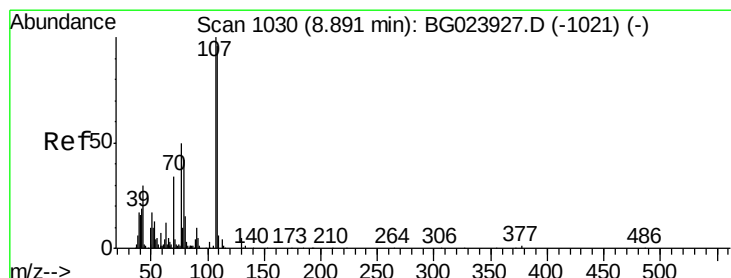
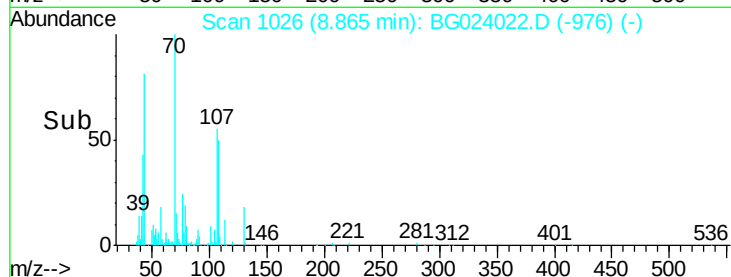
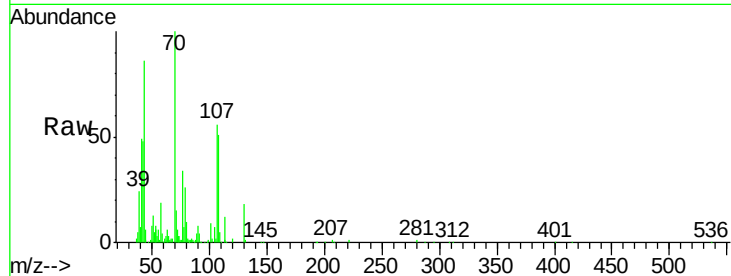
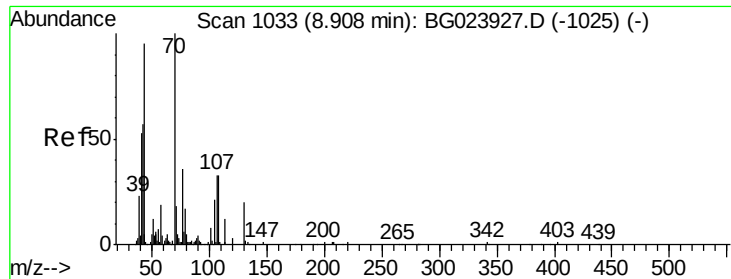


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

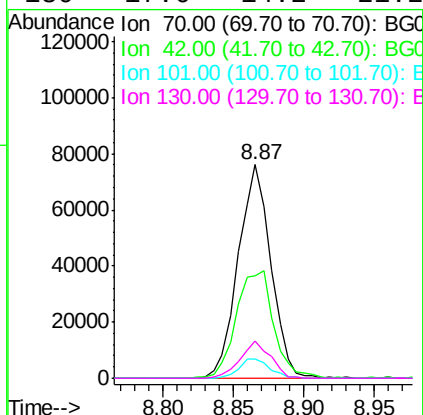




#19
n-Nitroso-di-n-propylamine
Concen: 38.92 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

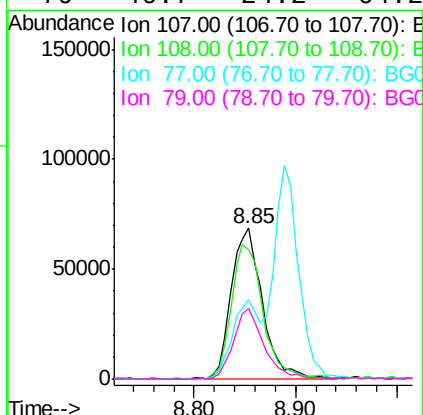
Instrument :
BNA_G
ClientSampleId :
PB93439BS

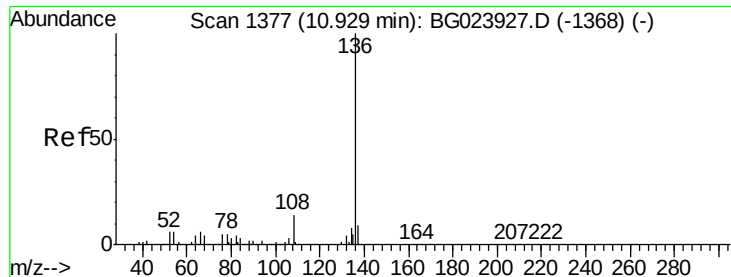
Tot Ion:	70	Resp:	122292
Ion	Ratio	Lower	Upper
70	100		
42	48.2	42.1	63.1
101	8.9	7.2	10.8
130	17.6	14.2	21.2



#20
3+4-Methylphenols
Concen: 41.69 ng
RT: 8.85 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion:	107	Resp:	146468
Ion	Ratio	Lower	Upper
107	100		
108	86.1	72.5	112.5
77	52.9	30.1	70.1
79	46.7	24.2	64.2

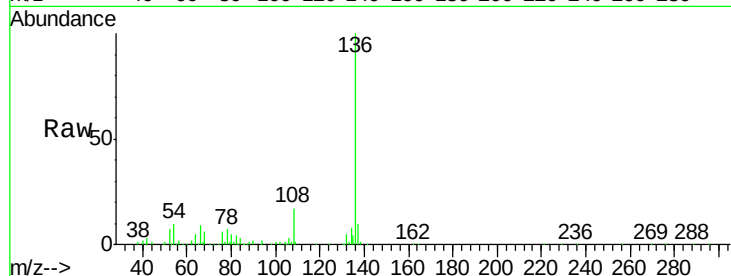




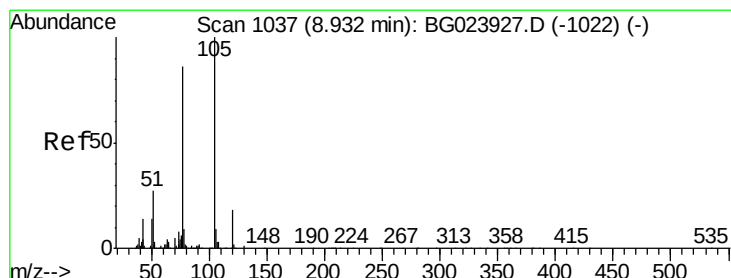
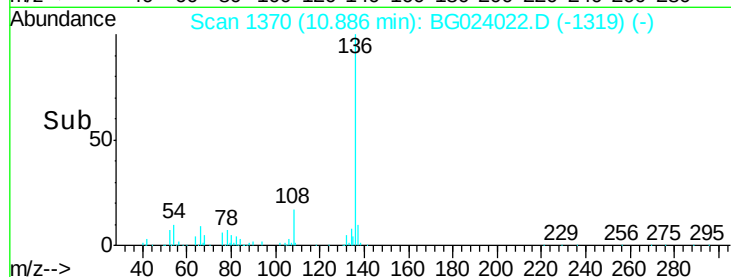
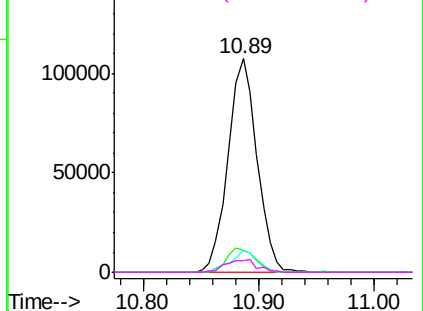
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Instrument :
BNA_G
ClientSampleId :
PB93439BS

Tot Ion:136	Resp:	186993
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.6 14.4
54	10.2	7.3 10.9
68	5.6	5.3 7.9

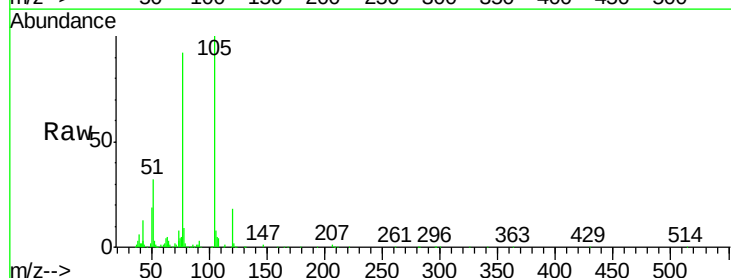


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

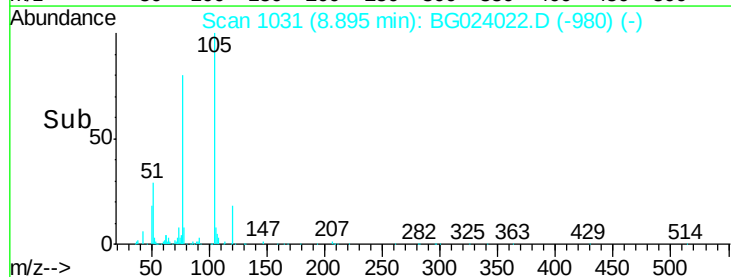
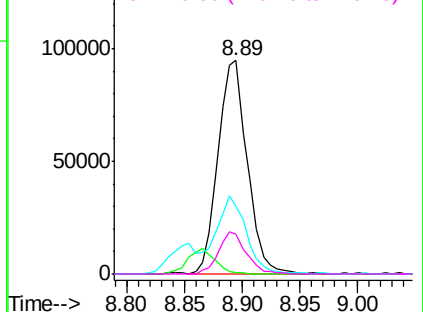


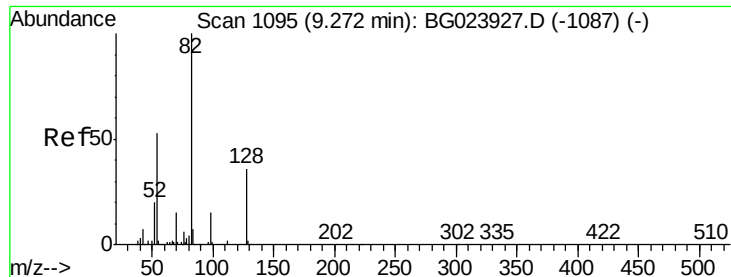
#22
Acetophenone
Concen: 34.30 ng
RT: 8.89 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion:105	Resp:	166061
Ion Ratio	Lower	Upper
105	100	
71	0.6	2.6 3.8#
51	32.0	27.1 40.7
120	18.5	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

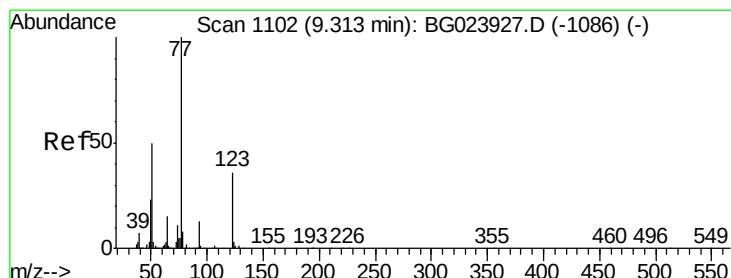
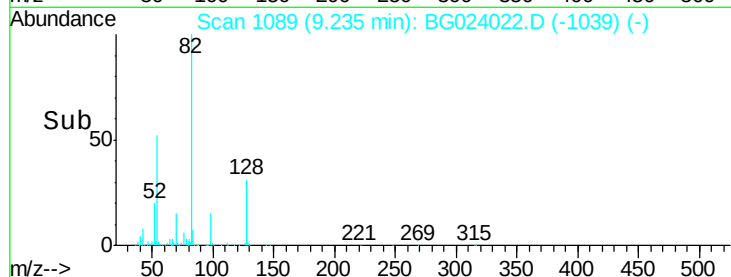
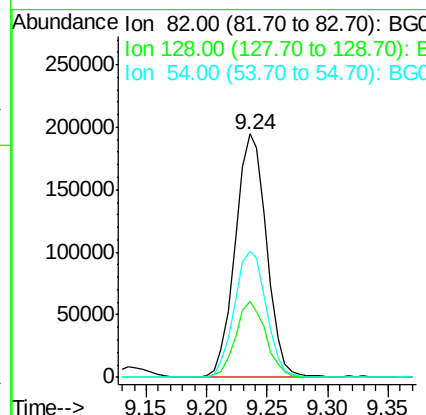
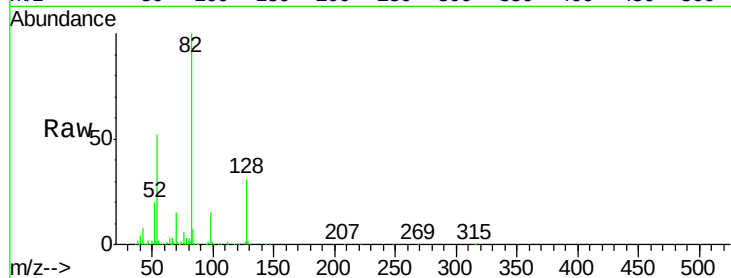




#23
 Nitrobenzene-d5
 Concen: 83.86 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

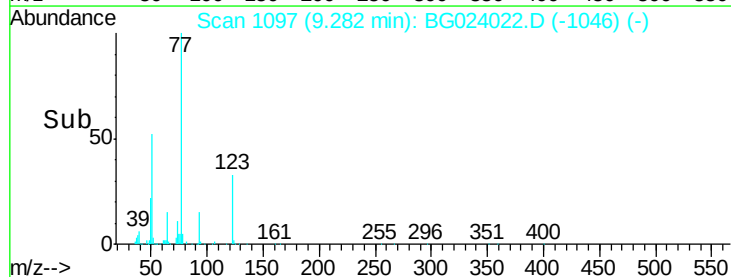
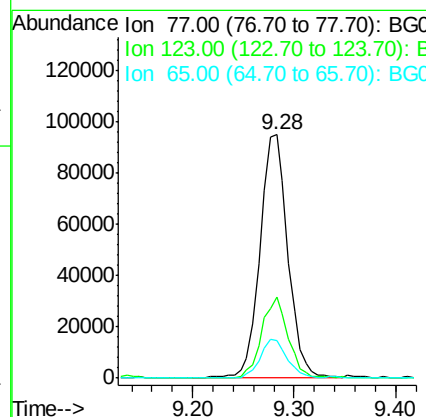
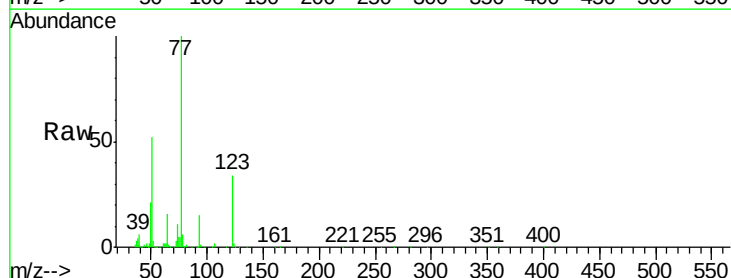
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

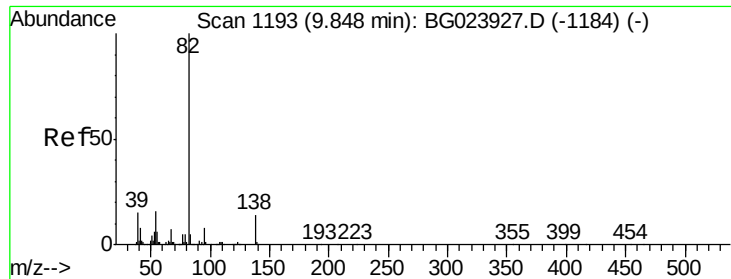
Tot Ion	82	Resp	351235
Ion Ratio	Lower	Upper	
82	100		
128	31.4	24.4	36.6
54	51.5	41.4	62.0



#24
 Nitrobenzene
 Concen: 40.30 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion	77	Resp	181511
Ion Ratio	Lower	Upper	
77	100		
123	33.5	25.0	37.6
65	15.6	13.4	20.0





#25

Isophorone

Concen: 39.42 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

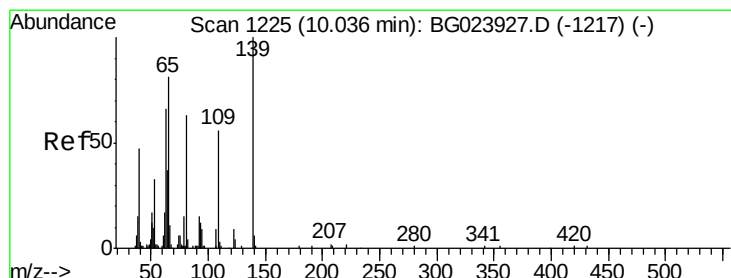
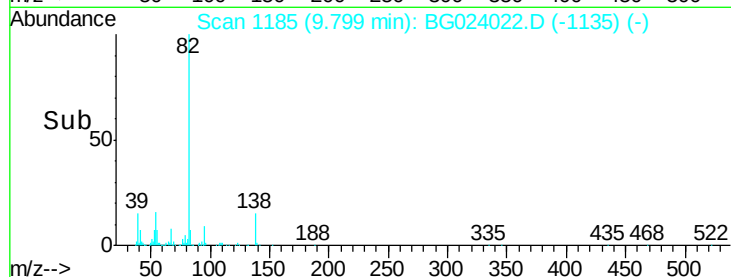
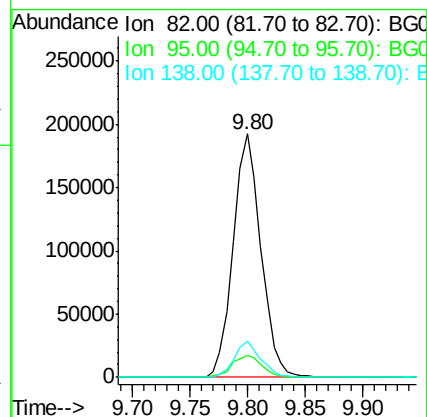
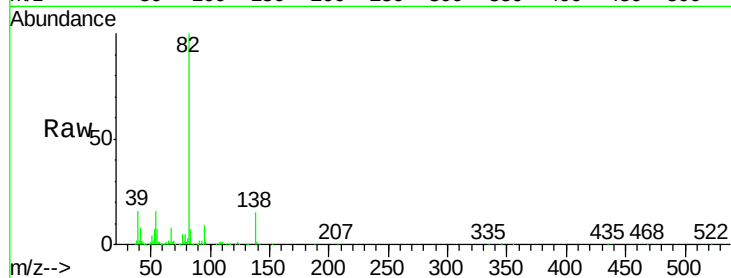
Tot Ion: 82 Resp: 320220

Ion Ratio Lower Upper

82 100

95 9.1 8.2 12.2

138 14.7 10.7 16.1



#26

2-Nitrophenol

Concen: 39.35 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

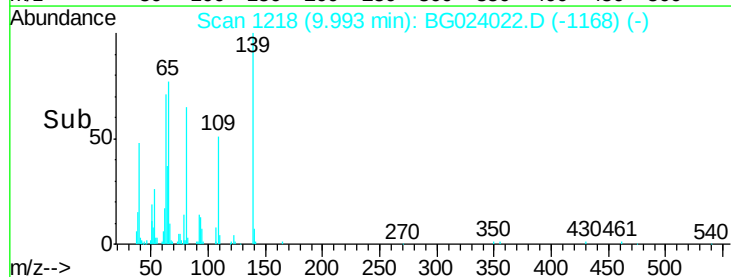
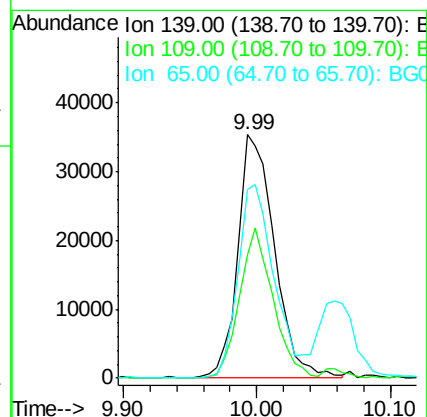
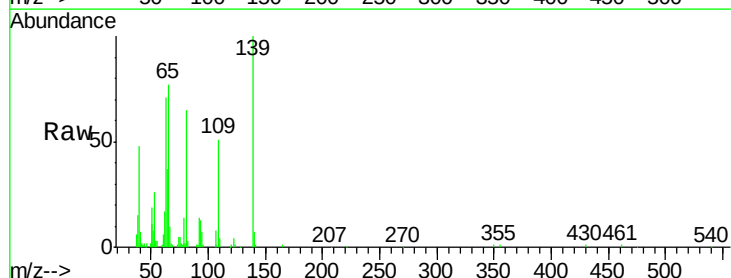
Tgt Ion: 139 Resp: 67383

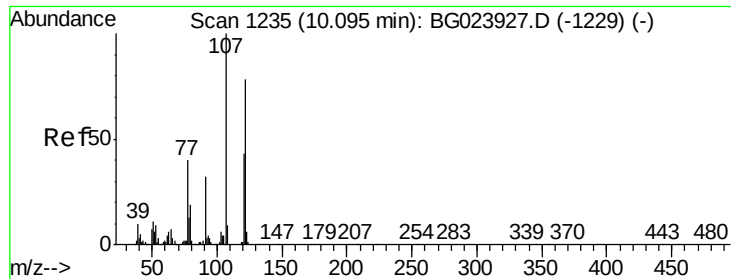
Ion Ratio Lower Upper

139 100

109 50.9 43.5 65.3

65 77.4 64.3 96.5

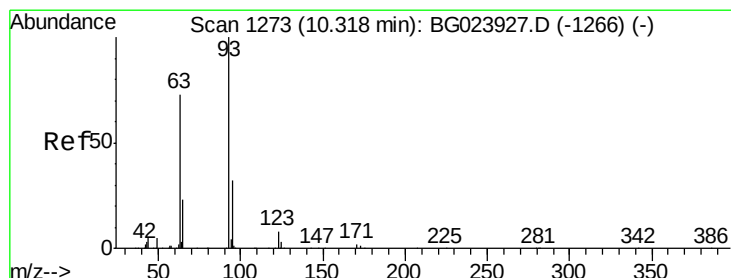
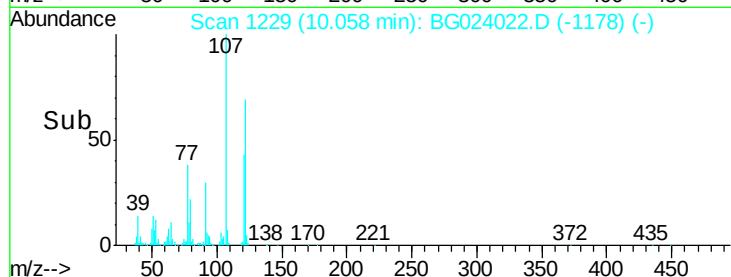
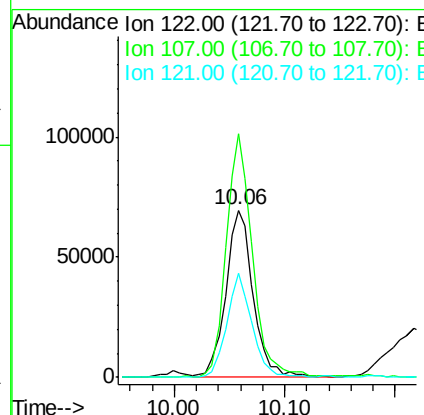
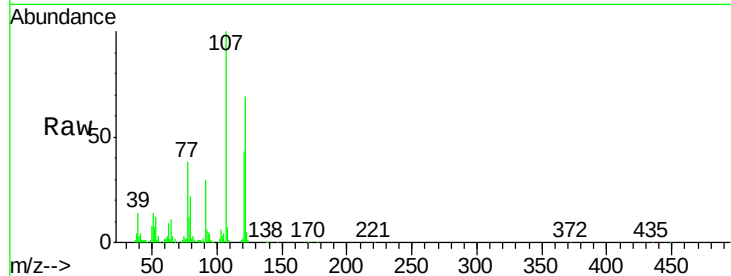




#27
 2,4-Dimethylphenol
 Concen: 41.43 ng
 RT: 10.06 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

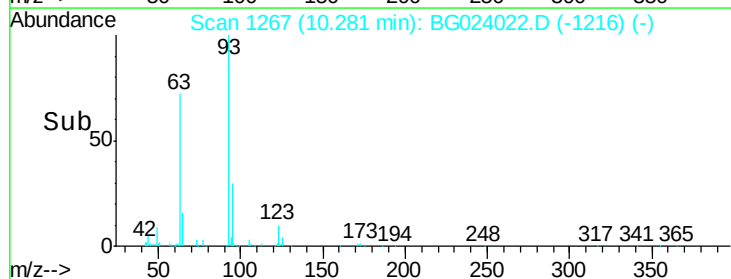
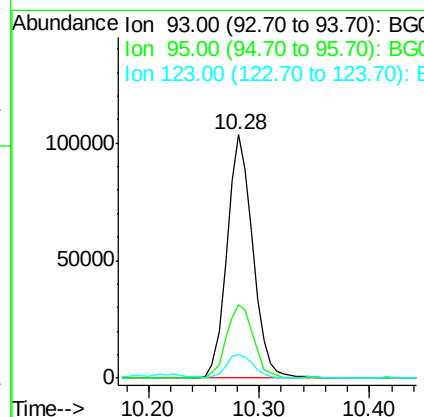
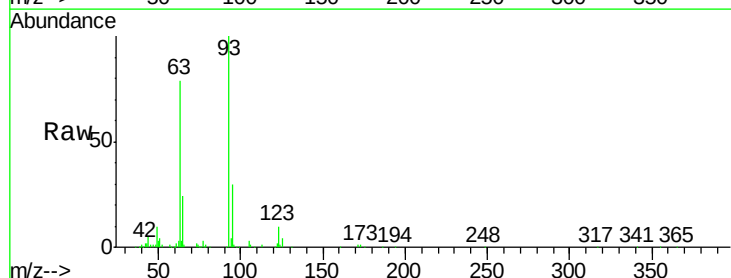
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

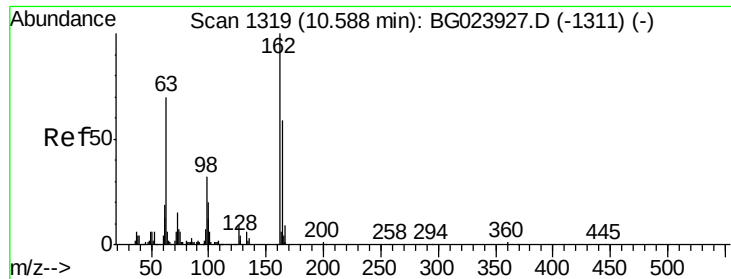
Tot Ion	Ratio	Lower	Upper
122	100		
107	145.7	117.0	175.4
121	62.5	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.16 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.4	38.2
123	9.8	8.2	12.2

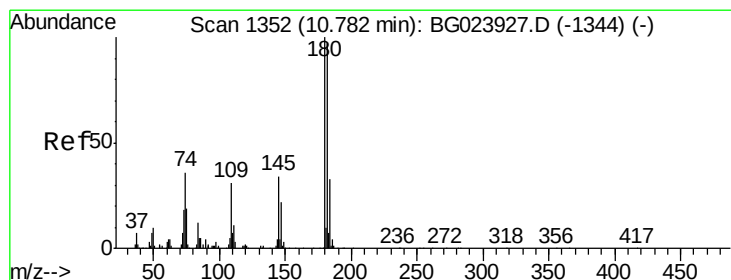
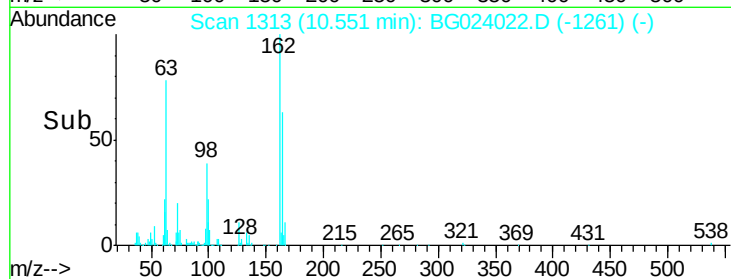
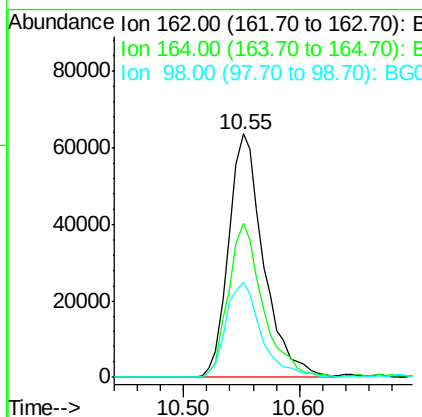
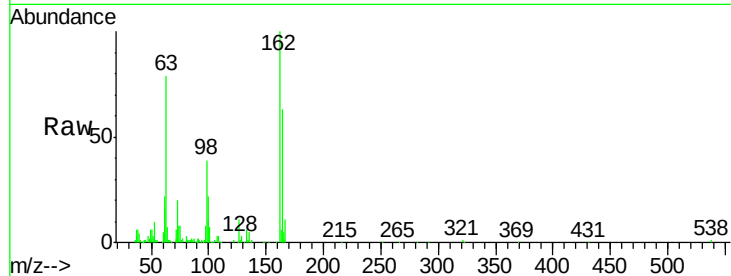




#29
 2,4-Dichlorophenol
 Concen: 43.32 ng
 RT: 10.55 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

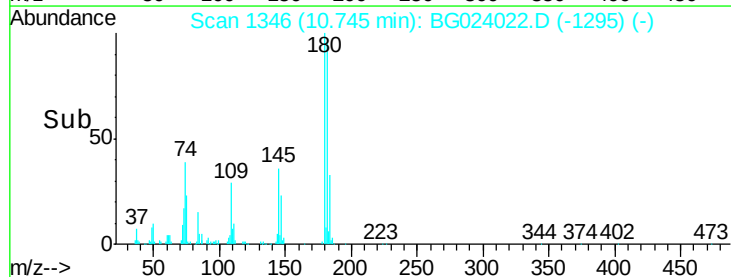
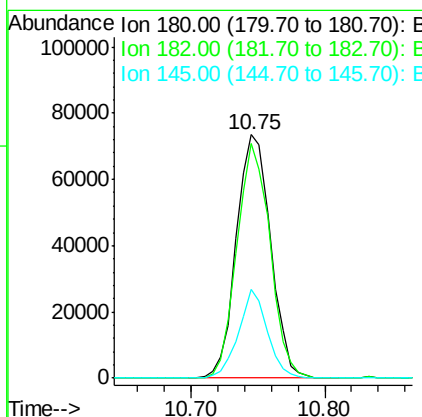
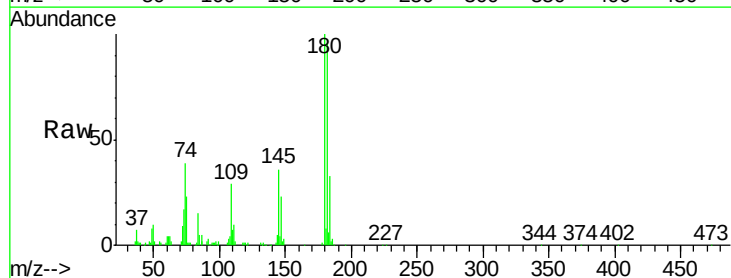
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

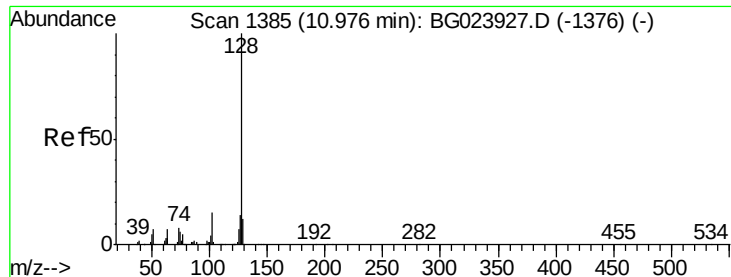
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.3	84.3
98	39.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 38.66 ng
 RT: 10.75 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	73.8	110.8
145	36.2	24.4	36.6

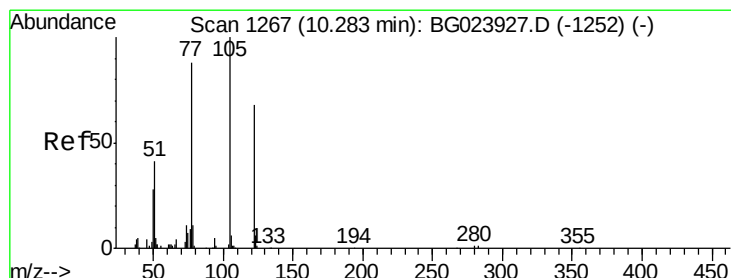
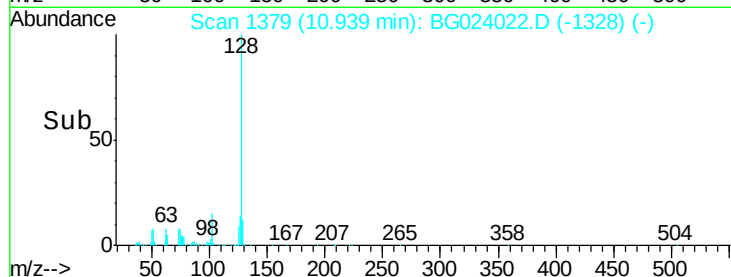
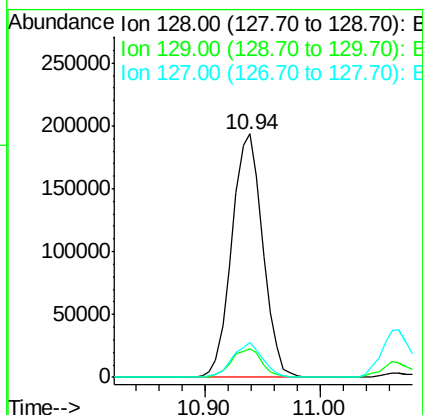
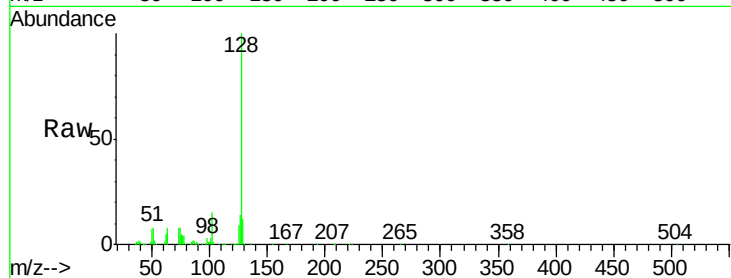




#31
Naphthalene
Concen: 37.26 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

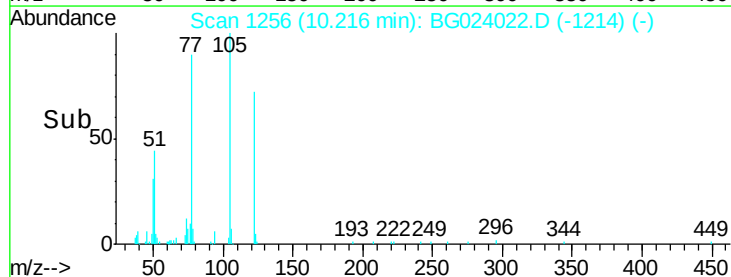
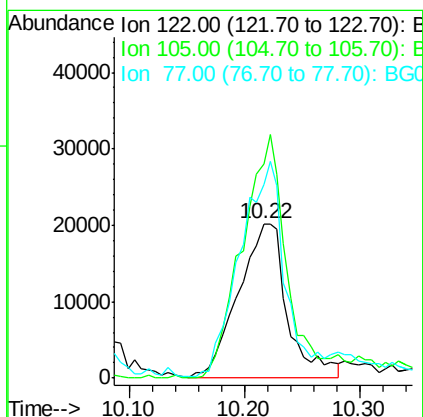
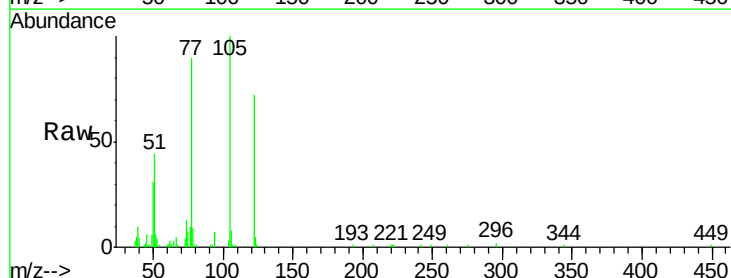
Instrument :
BNA_G
ClientSampleId :
PB93439BS

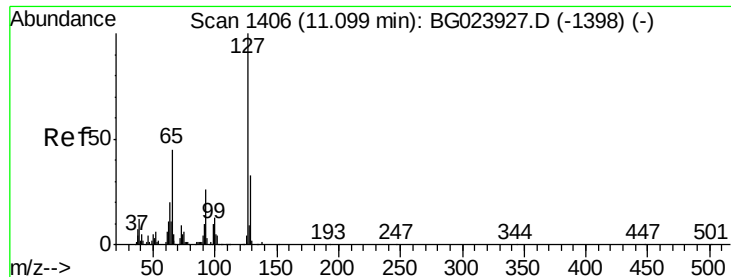
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 25.39 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.05 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.3	117.2	157.2
77	125.3	109.2	149.2

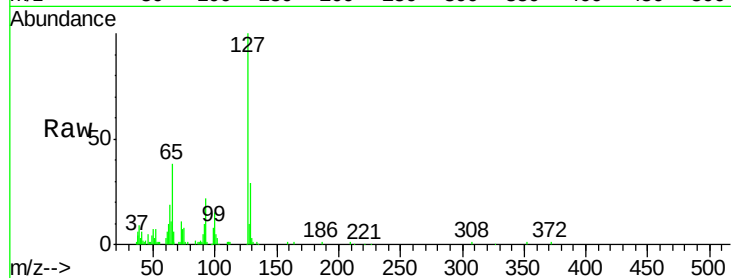




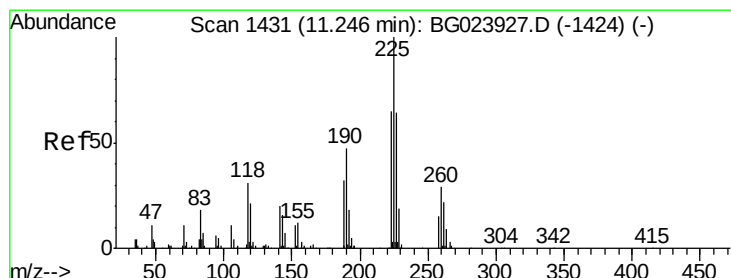
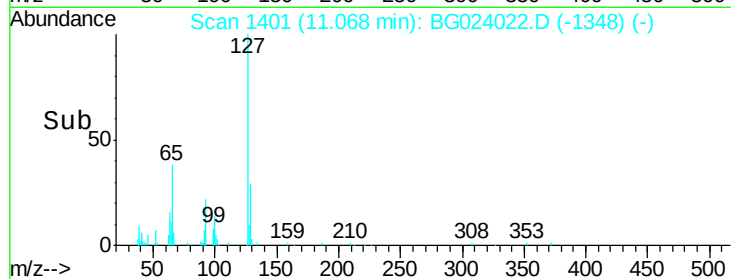
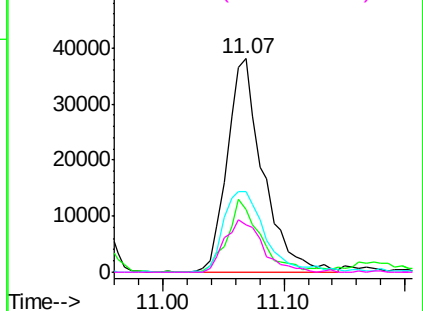
#33
4-Chloroaniline
Concen: 19.54 ng
RT: 11.07 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Instrument :
BNA_G
ClientSampleId :
PB93439BS

Tot Ion:127	Resp:	78606
Ion	Ratio	Lower Upper
127	100	
129	29.4	27.9 41.9
65	37.7	36.8 55.2
92	22.1	21.0 31.6

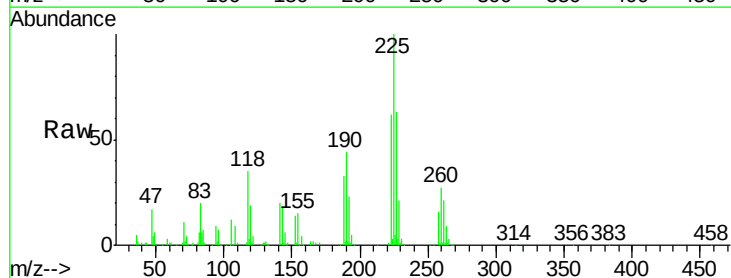


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

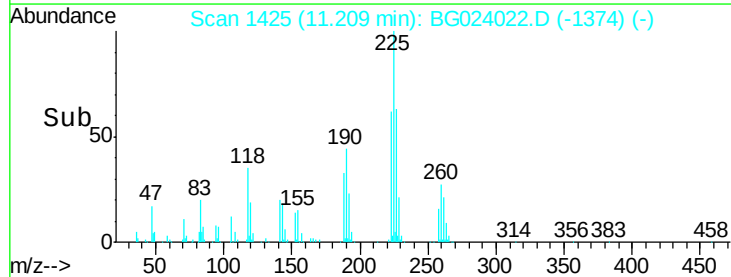
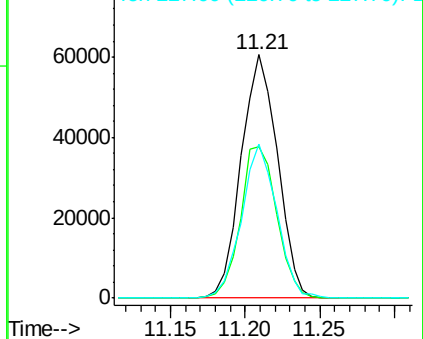


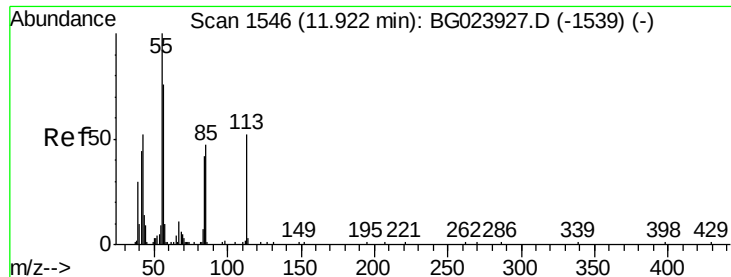
#34
Hexachlorobutadiene
Concen: 40.28 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion:225	Resp:	102300
Ion	Ratio	Lower Upper
225	100	
223	62.2	49.6 74.4
227	63.1	54.5 81.7



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





#35

Caprolactam

Concen: 41.11 ng

RT: 11.84 min Scan# 1533

Delta R.T. -0.02 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

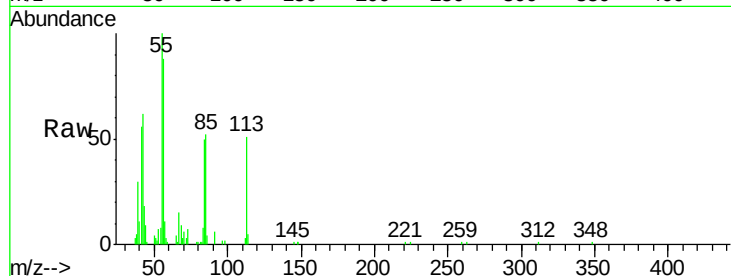
Tot Ion:113 Resp: 44675

Ion Ratio Lower Upper

113 100

55 197.4 154.5 194.5#

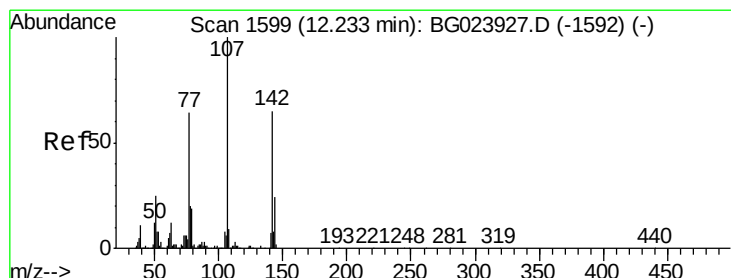
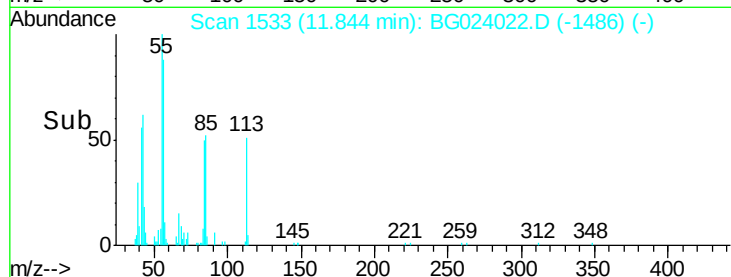
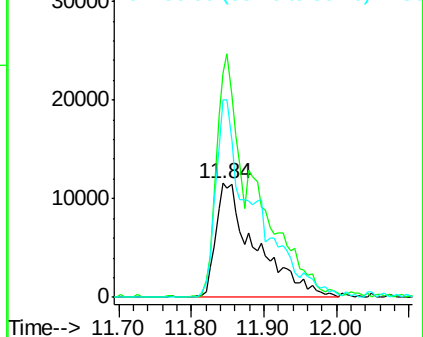
56 173.4 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.75 ng

RT: 12.20 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

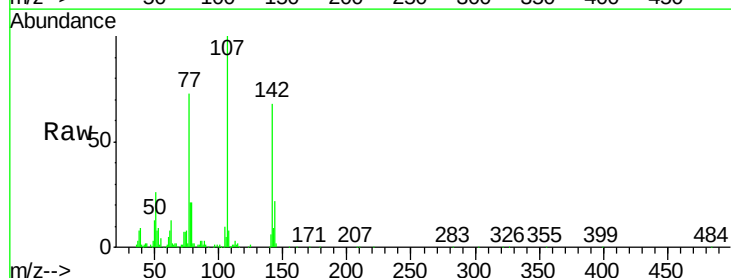
Tgt Ion:107 Resp: 172018

Ion Ratio Lower Upper

107 100

144 22.1 17.0 25.6

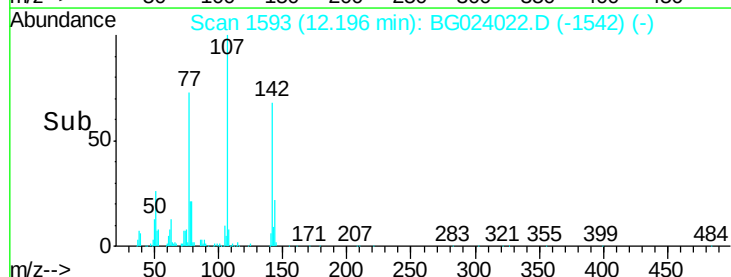
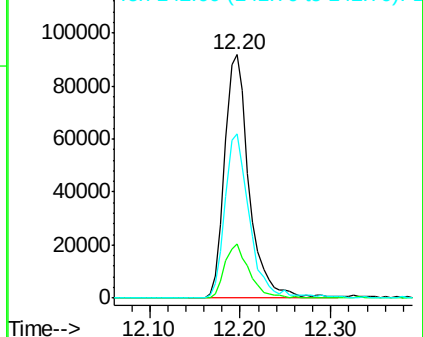
142 67.6 53.0 79.6

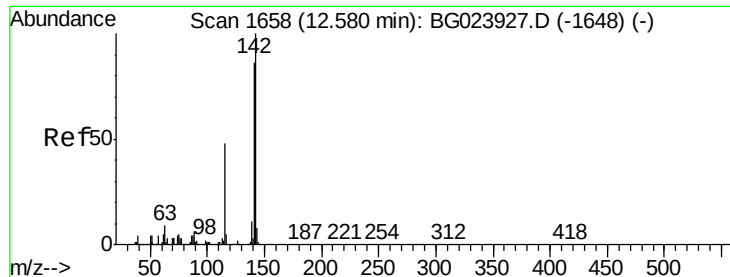


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

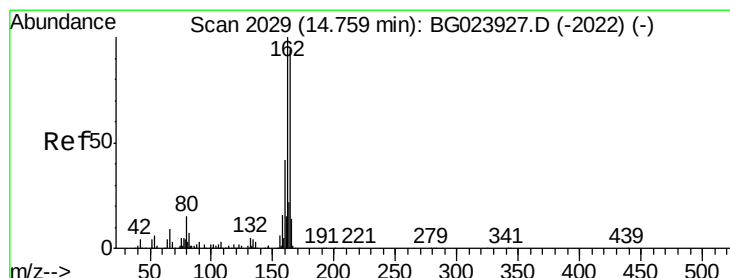
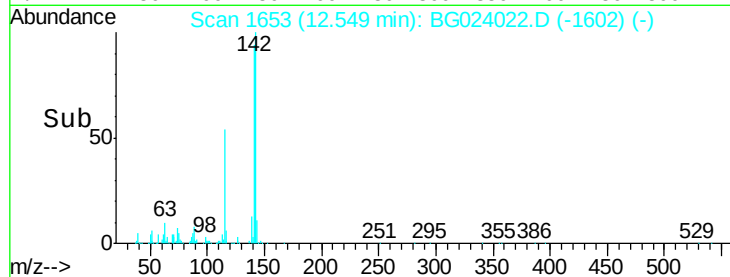
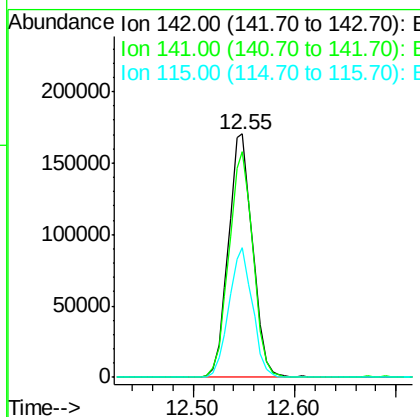
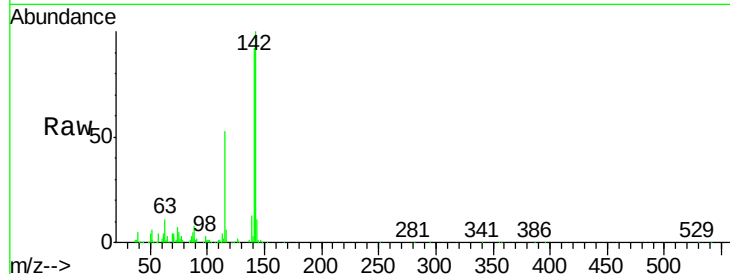




#37
2-Methylnaphthalene
Concen: 38.46 ng
RT: 12.55 min Scan# 1653
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

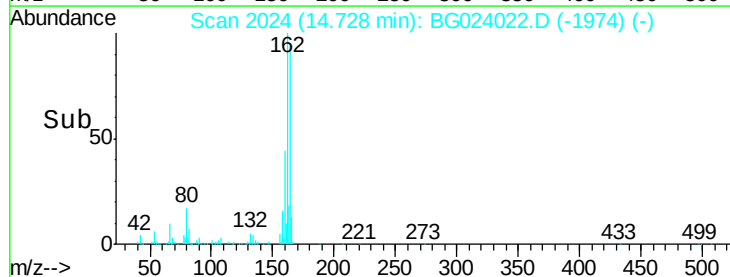
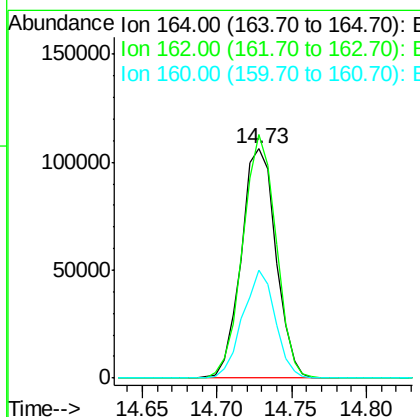
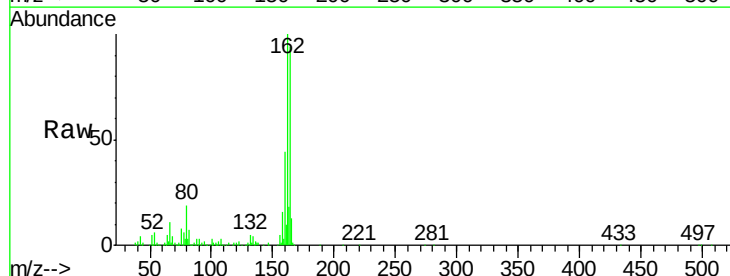
Instrument :
BNA_G
ClientSampleId :
PB93439BS

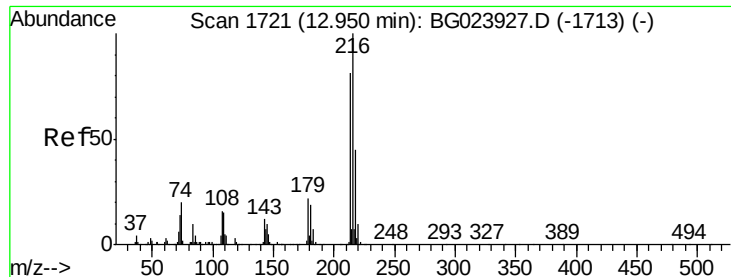
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.2	105.2
115	53.5	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	87.7	131.5
160	47.2	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.86 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

Tot Ion:216 Resp: 163689

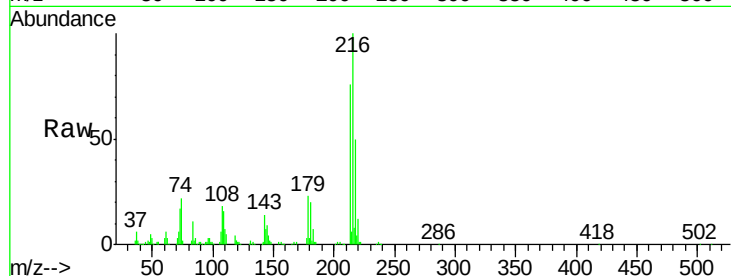
Ion Ratio Lower Upper

216 100

214 78.1 62.9 94.3

179 22.3 17.2 25.8

108 18.2 16.3 24.5

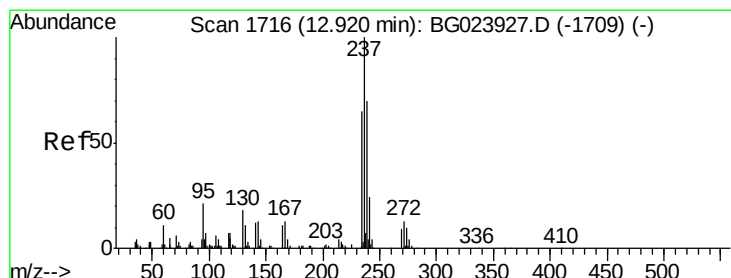
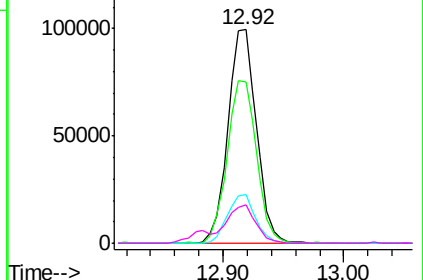
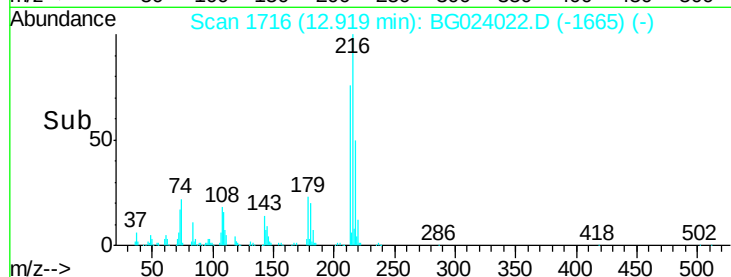


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.70 ng

RT: 12.88 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

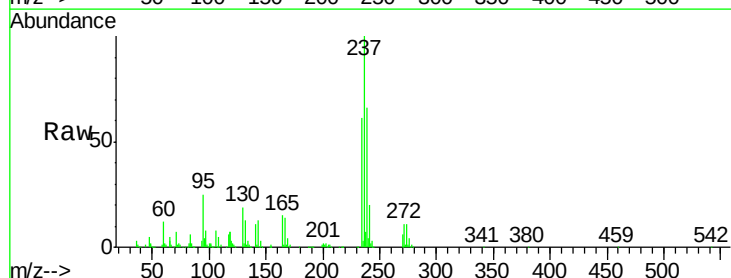
Tgt Ion:237 Resp: 193554

Ion Ratio Lower Upper

237 100

235 61.2 43.1 83.1

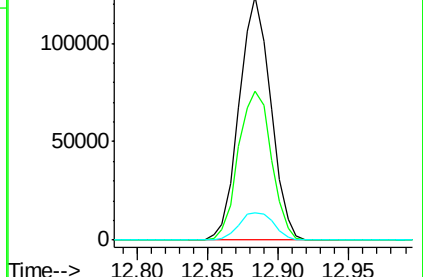
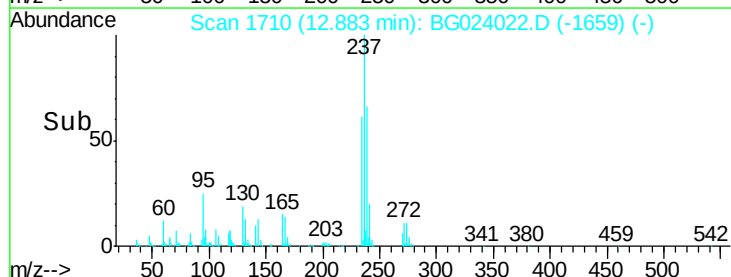
272 11.5 0.0 30.9

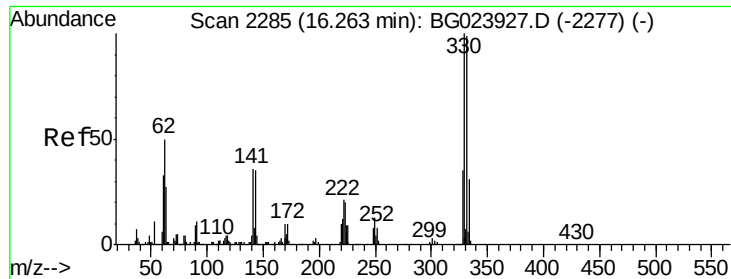


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

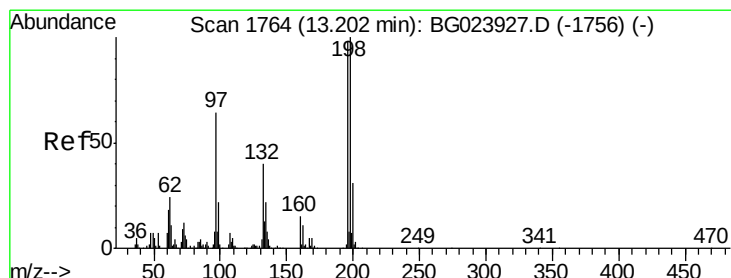
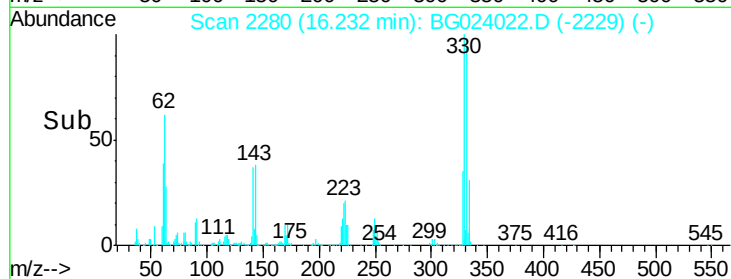
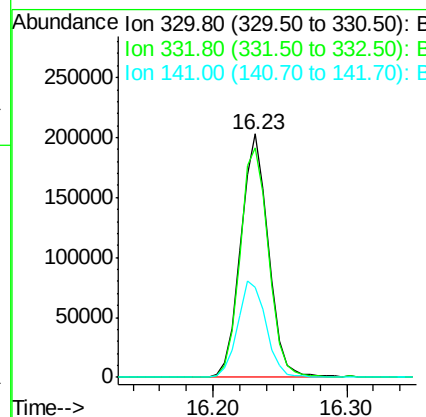
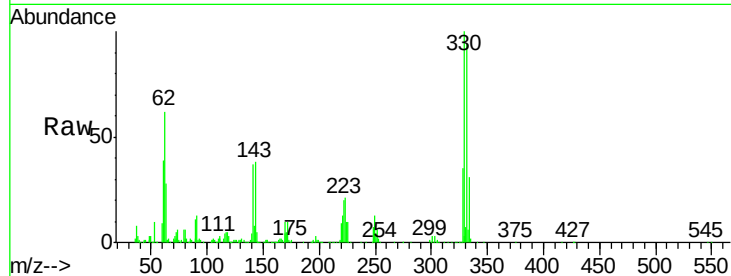




#41
 2,4,6-Tribromophenol
 Concen: 94.49 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

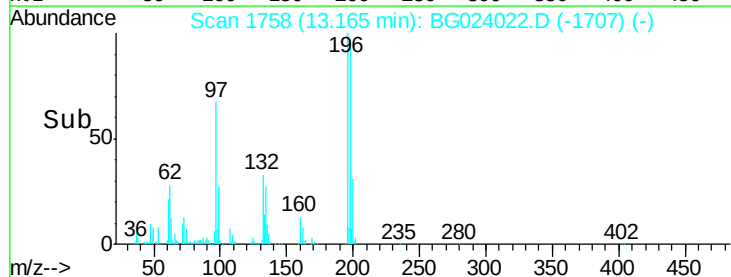
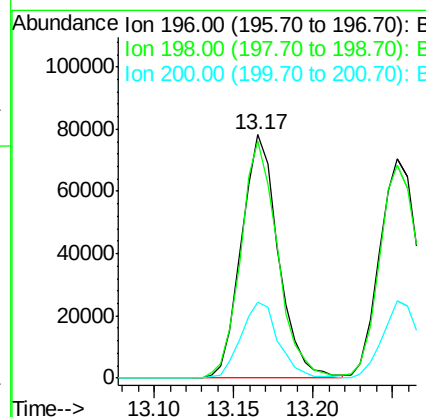
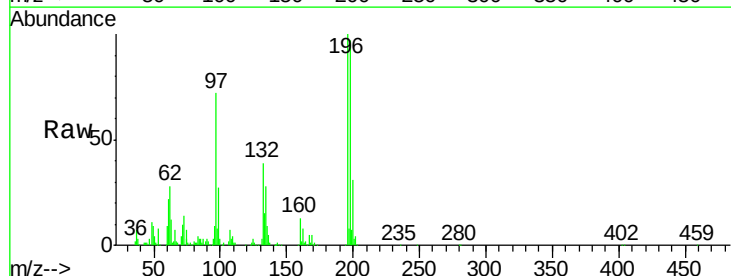
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

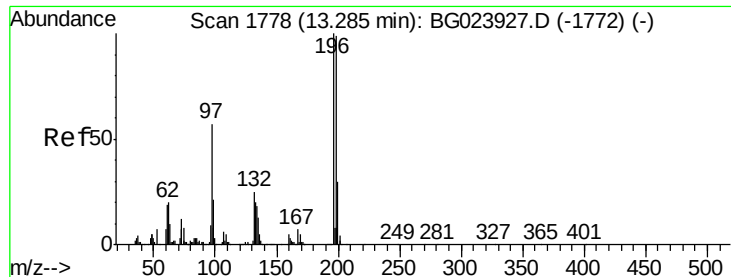
Tot Ion:330 Resp: 290938
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 40.7 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 33.49 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion:196 Resp: 126782
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.2 117.2
 200 31.2 27.0 40.4

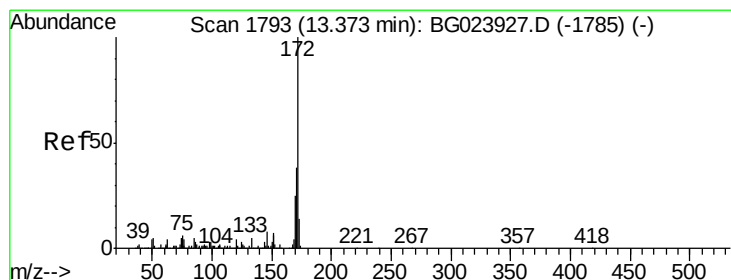
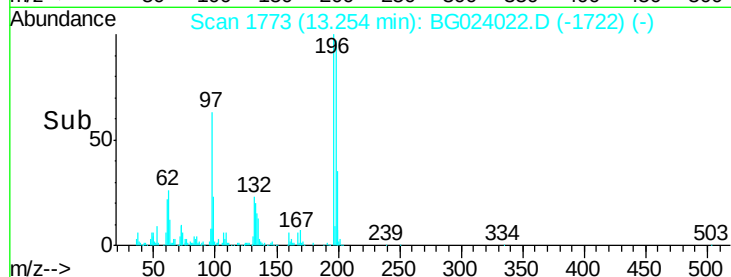
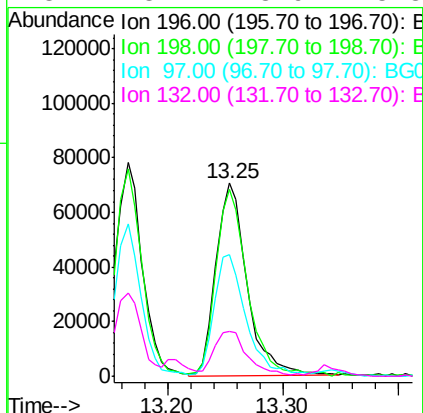
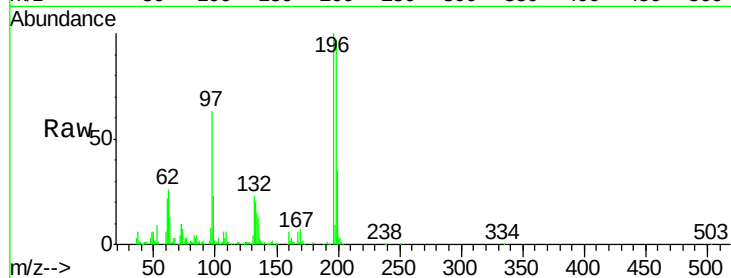




#43
 2,4,5-Trichlorophenol
 Concen: 34.38 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

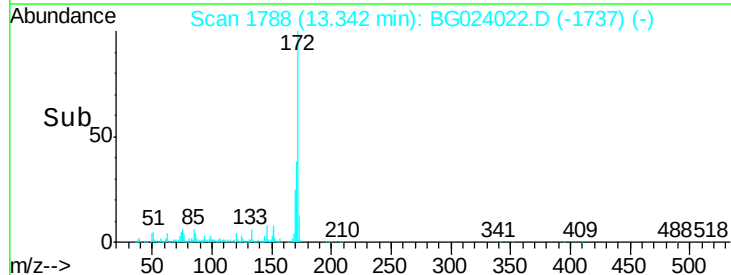
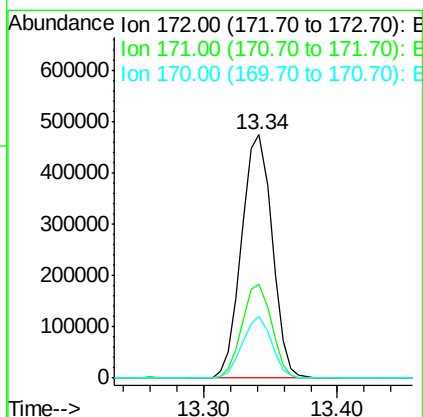
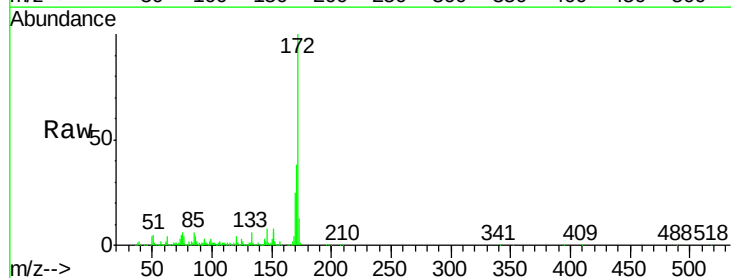
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

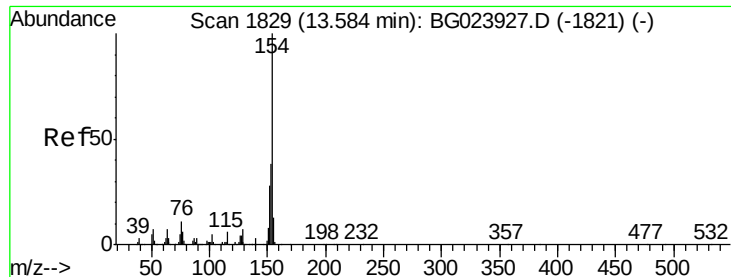
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	85.7	128.5
97	63.1	45.5	68.3
132	23.2	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 63.04 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.6	47.4
170	25.2	21.3	31.9

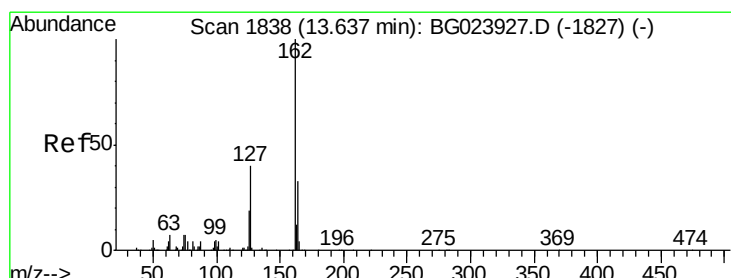
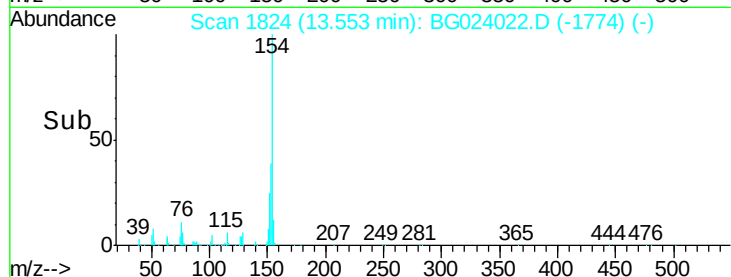
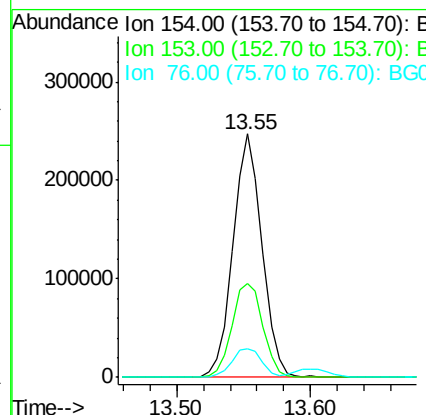
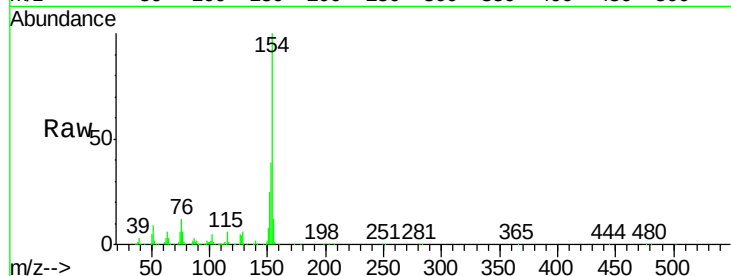




#45
 1,1'-Biphenyl
 Concen: 27.23 ng
 RT: 13.55 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

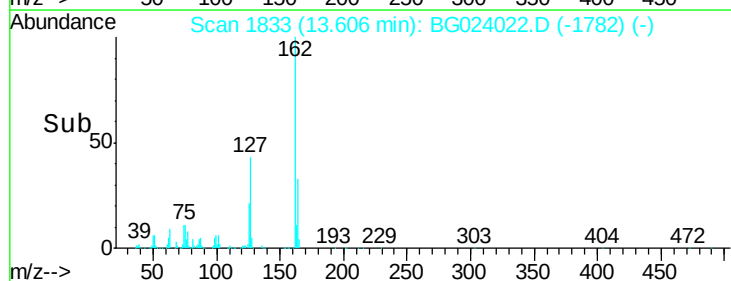
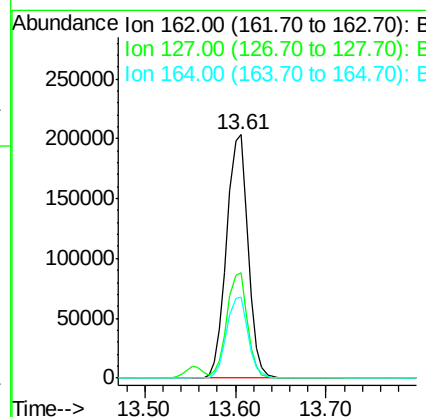
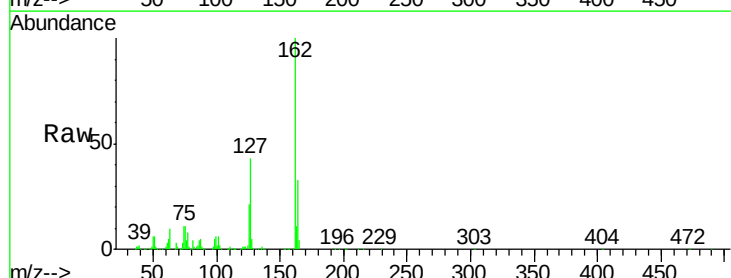
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

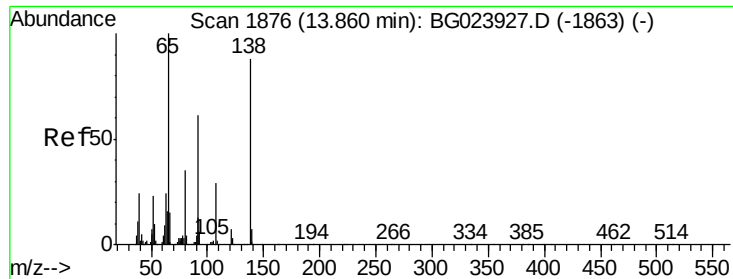
Tot Ion:154	Resp:	374277
Ion	Ratio	Lower Upper
154	100	
153	38.6	20.2 60.2
76	11.6	0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 33.16 ng
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion:162	Resp:	334591
Ion	Ratio	Lower Upper
162	100	
127	43.0	32.4 48.6
164	33.1	25.2 37.8





#47

2-Nitroaniline

Concen: 38.42 ng

RT: 13.82 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

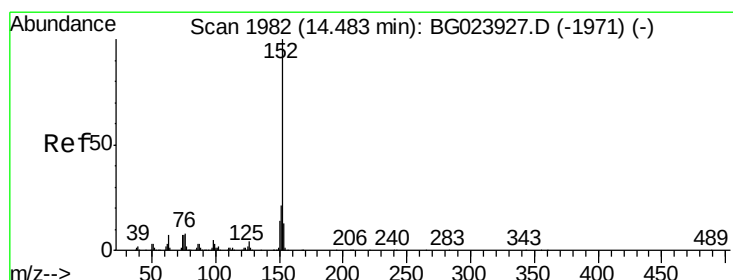
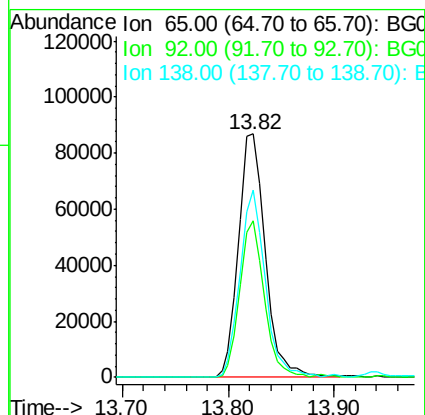
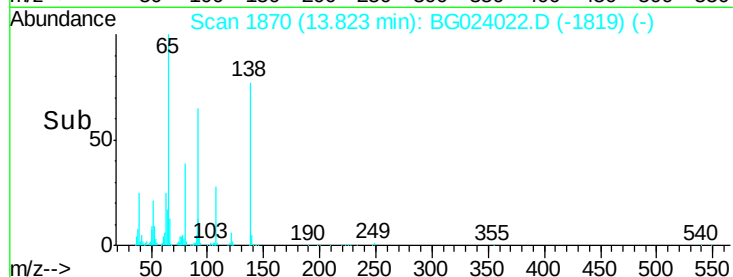
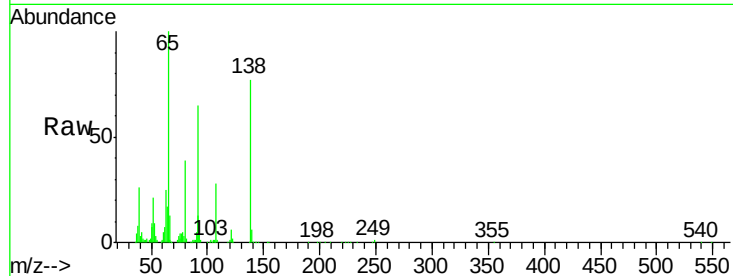
Tot Ion: 65 Resp: 152699

Ion Ratio Lower Upper

65 100

92 64.5 49.4 74.0

138 76.7 58.0 87.0



#48

Acenaphthylene

Concen: 31.74 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

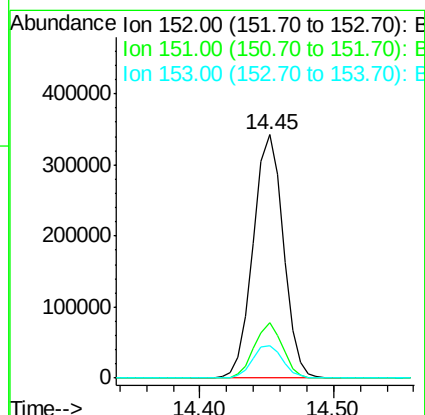
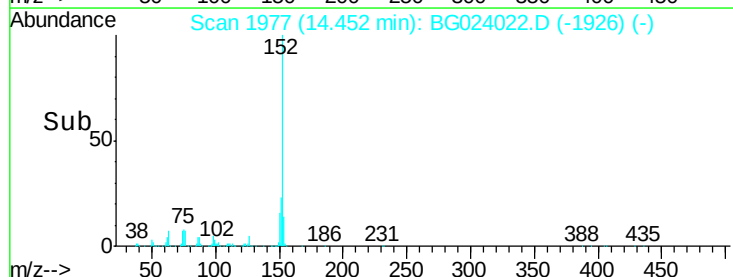
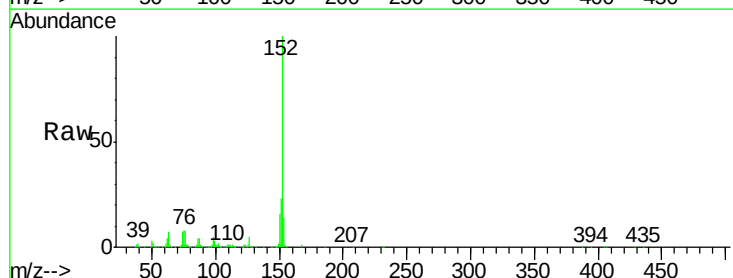
Tgt Ion: 152 Resp: 533916

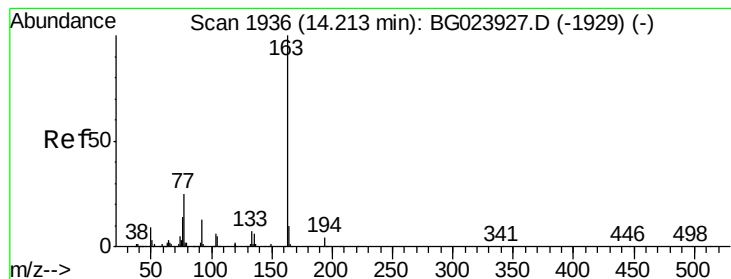
Ion Ratio Lower Upper

152 100

151 22.5 17.6 26.4

153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 32.96 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

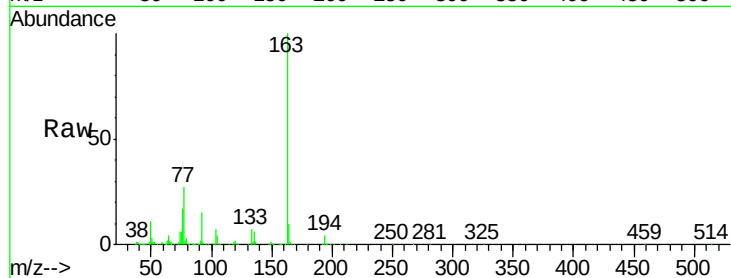
Tot Ion:163 Resp: 482981

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

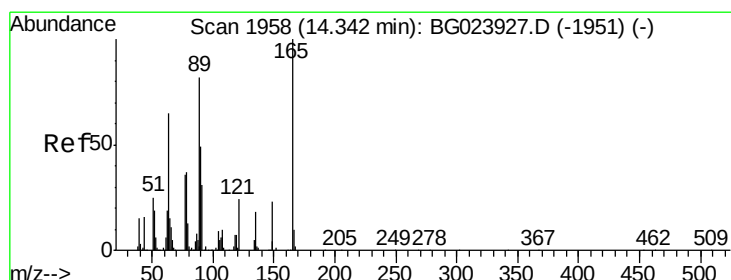
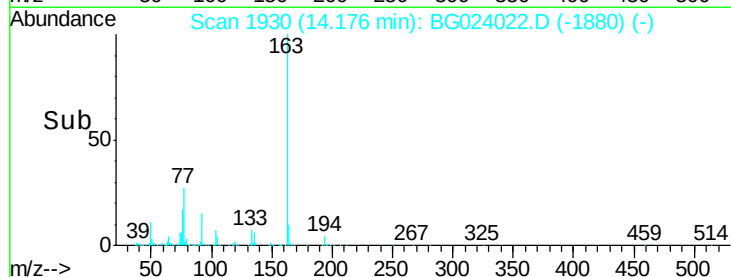
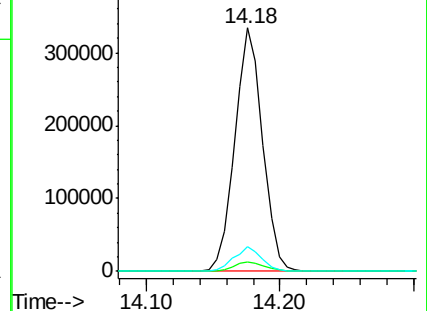
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.03 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

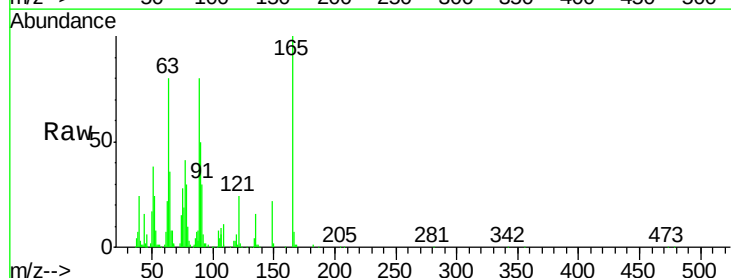
Tgt Ion:165 Resp: 105276

Ion Ratio Lower Upper

165 100

63 80.1 64.3 96.5

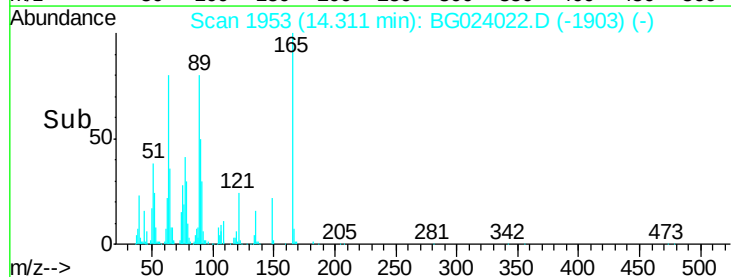
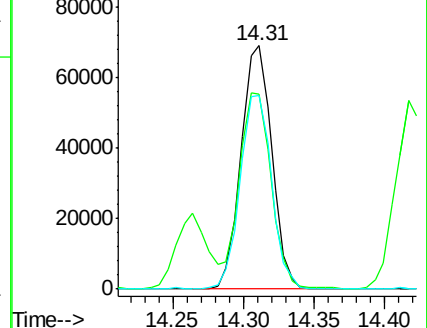
89 79.8 64.3 96.5

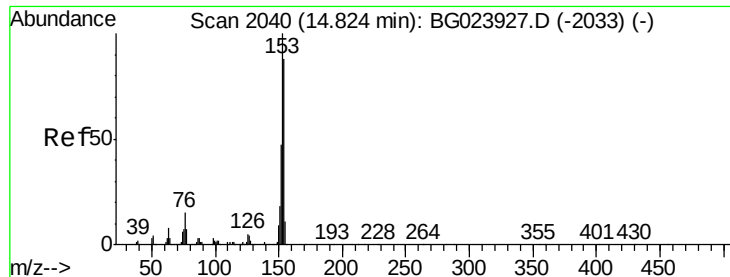


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 33.34 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

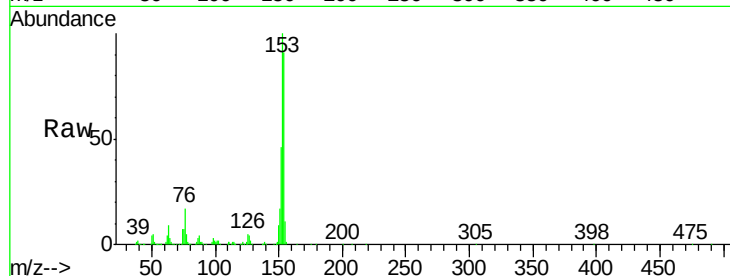
Tot Ion:154 Resp: 346687

Ion Ratio Lower Upper

154 100

153 110.0 87.5 131.3

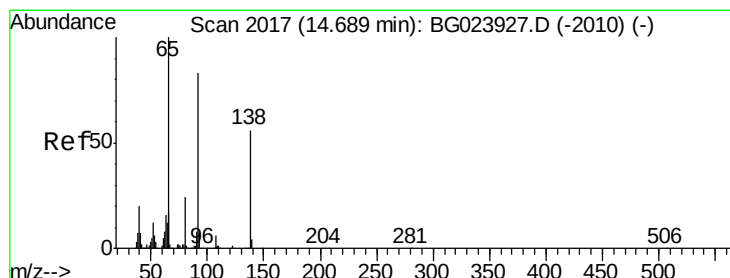
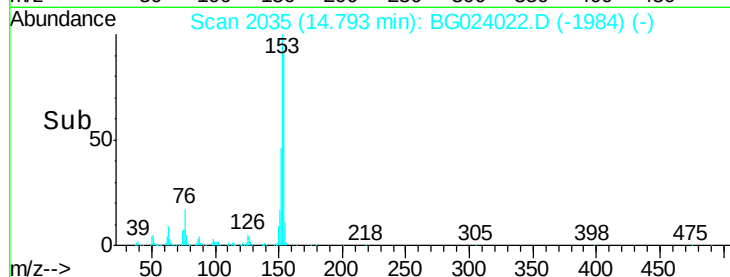
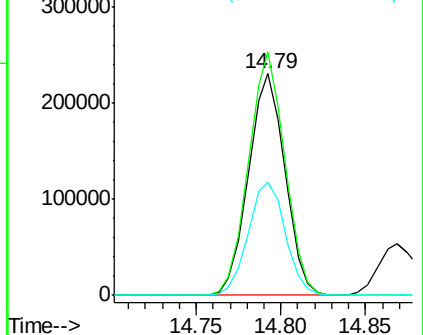
152 51.1 42.7 64.1



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: 23.59 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

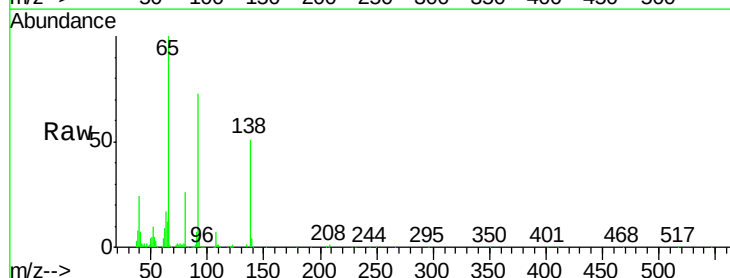
Tgt Ion:138 Resp: 68268

Ion Ratio Lower Upper

138 100

108 14.5 11.7 17.5

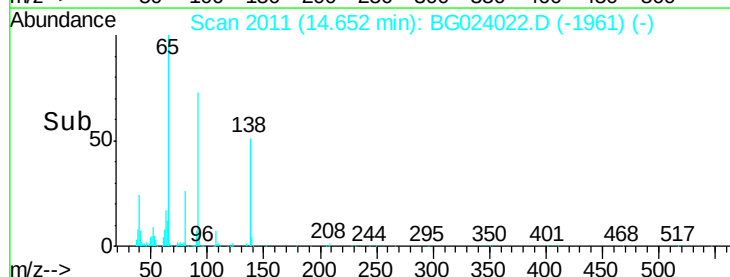
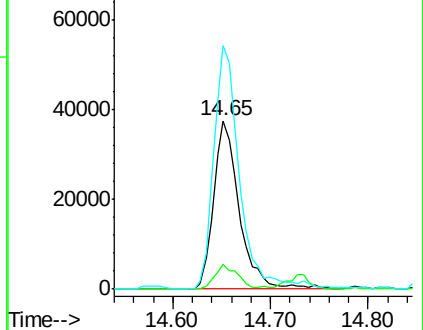
92 144.7 129.7 194.5

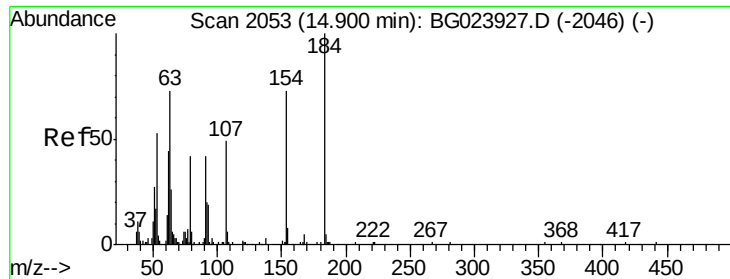


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 55.03 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

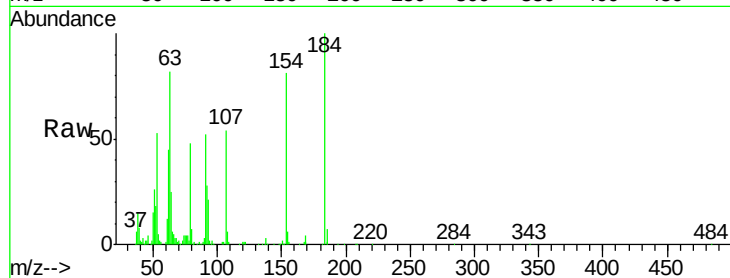
Tot Ion:184 Resp: 119459

Ion Ratio Lower Upper

184 100

63 81.9 59.6 89.4

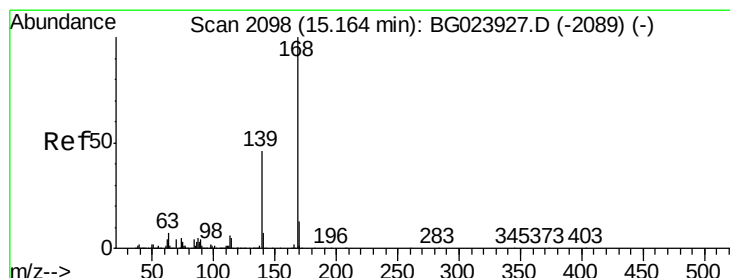
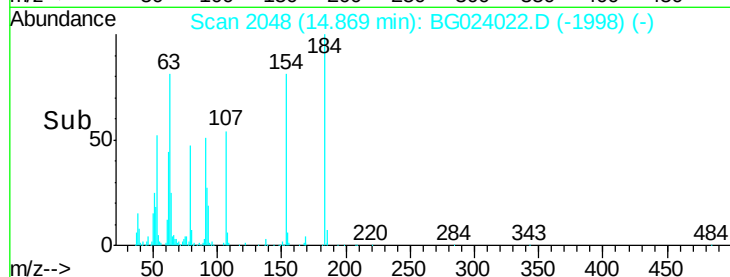
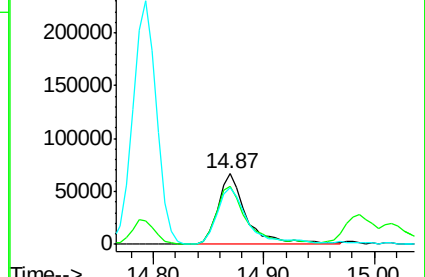
154 80.9 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.93 ng

RT: 15.13 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

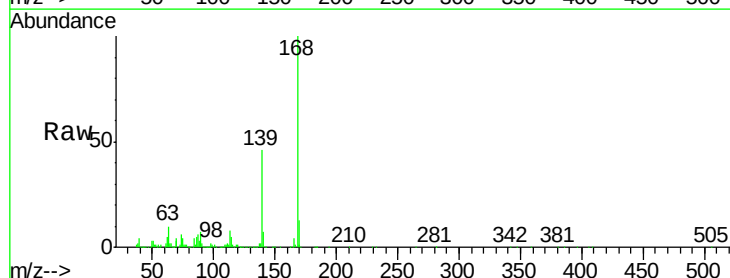
Tgt Ion:168 Resp: 566926

Ion Ratio Lower Upper

168 100

139 45.8 36.4 54.6

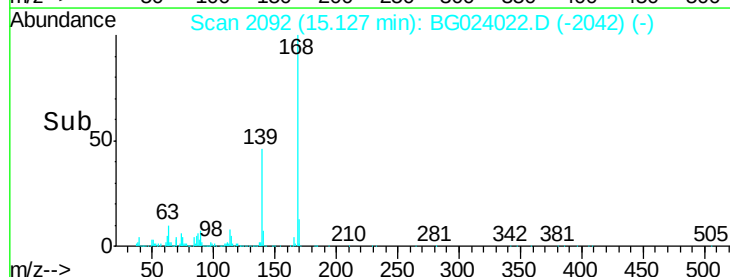
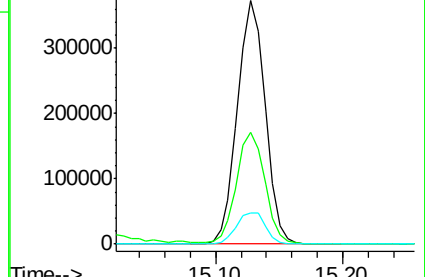
169 12.5 11.9 17.9

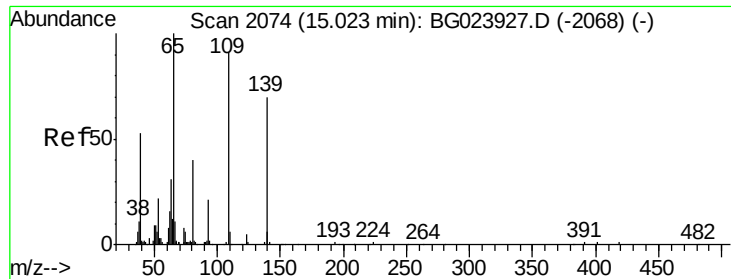


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

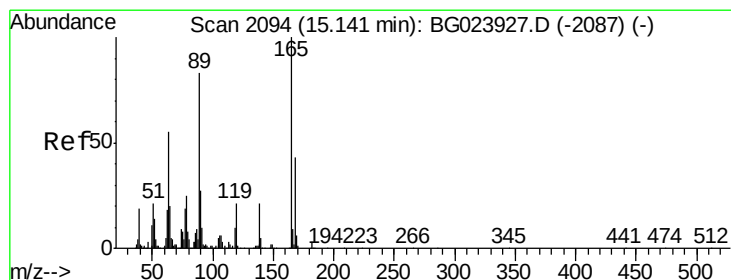
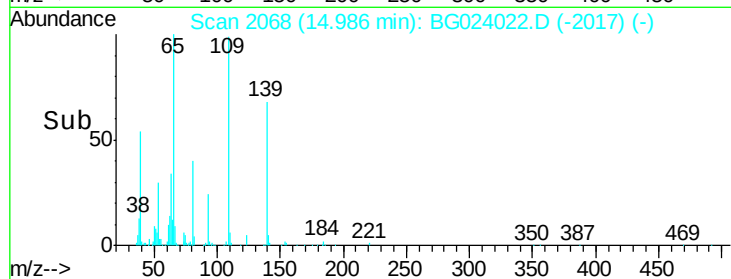
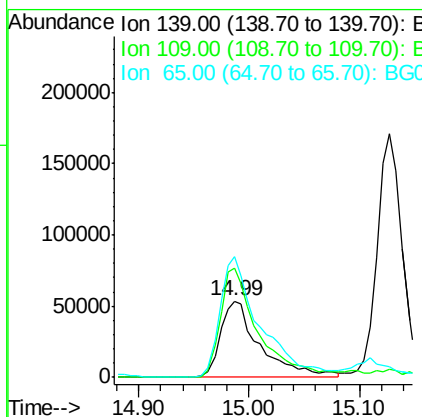
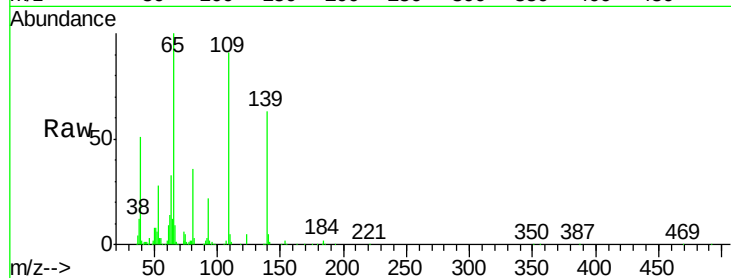




#55
4-Nitrophenol
Concen: 58.06 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

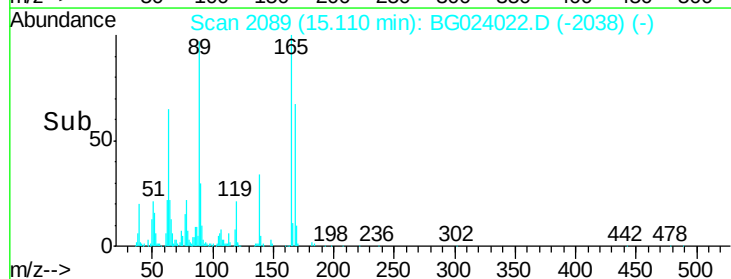
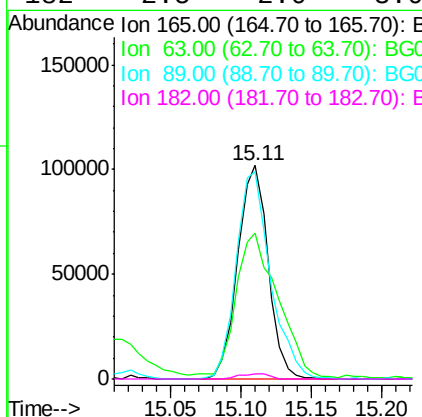
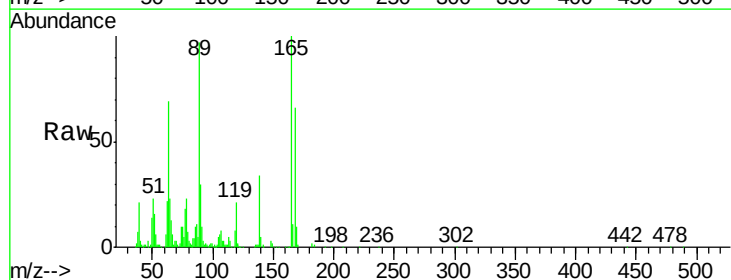
Instrument :
BNA_G
ClientSampleId :
PB93439BS

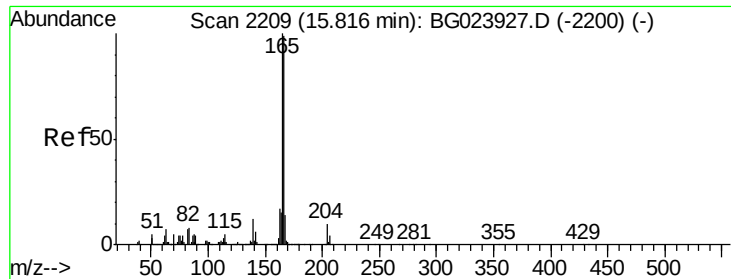
Tot Ion:139 Resp: 133653
Ion Ratio Lower Upper
139 100
109 144.1 103.0 143.0#
65 158.3 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 33.64 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion:165 Resp: 152962
Ion Ratio Lower Upper
165 100
63 68.5 45.8 68.6
89 97.1 68.6 102.8
182 2.5 2.0 3.0





#57

Fluorene

Concen: 33.60 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

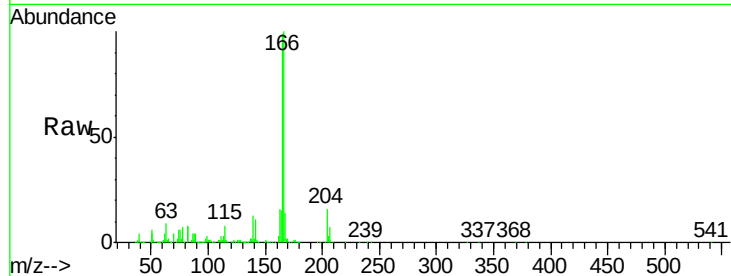
Tot Ion:166 Resp: 472879

Ion Ratio Lower Upper

166 100

165 99.3 81.0 121.6

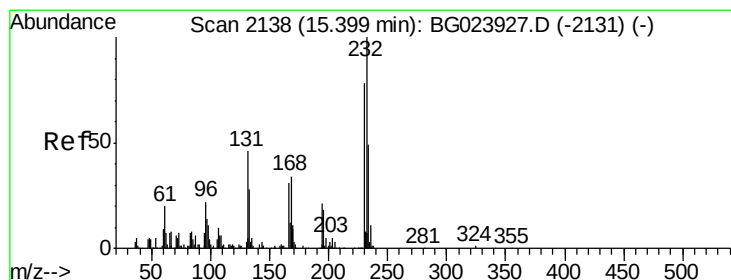
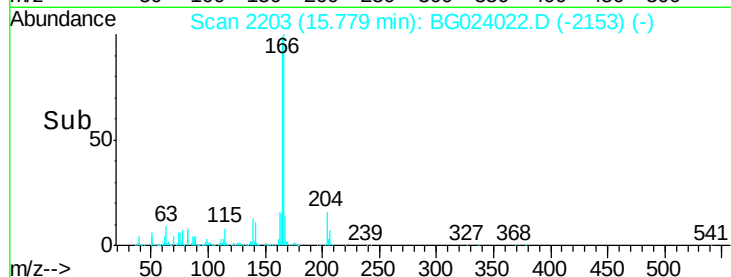
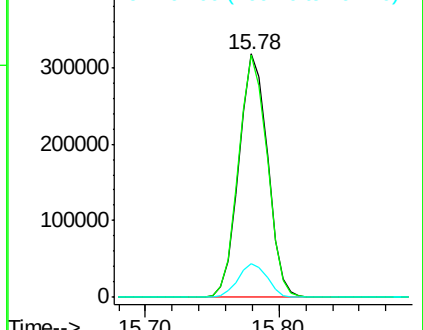
167 13.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.09 ng

RT: 15.36 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Tgt Ion:232 Resp: 144039

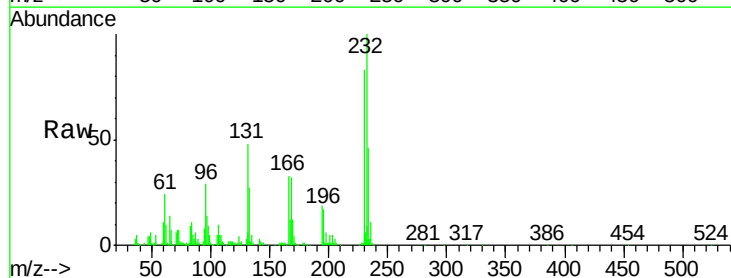
Ion Ratio Lower Upper

232 100

131 45.3 32.7 49.1

130 3.5 2.6 3.8

166 29.3 23.0 34.6

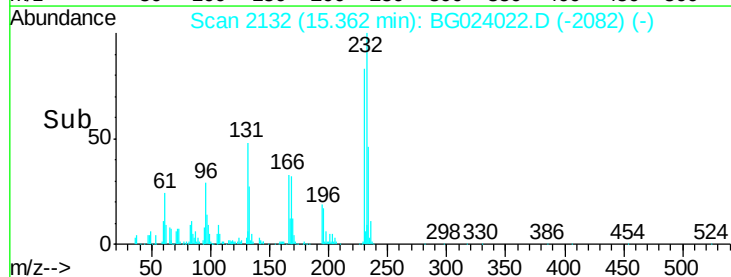
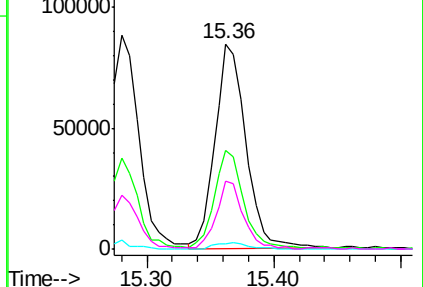


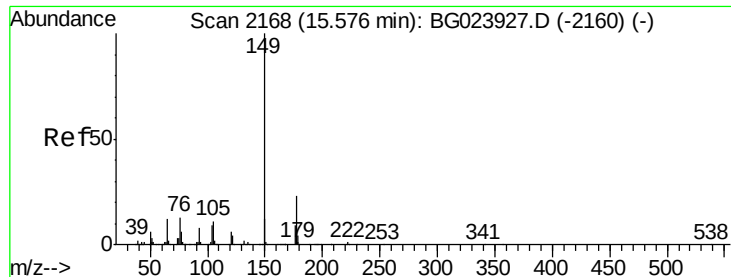
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.37 ng

RT: 15.54 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

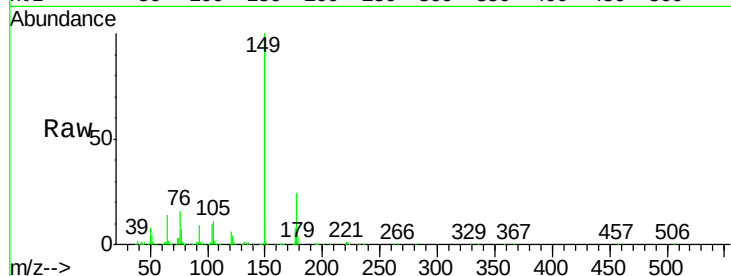
Tot Ion:149 Resp: 522030

Ion Ratio Lower Upper

149 100

177 23.6 19.2 28.8

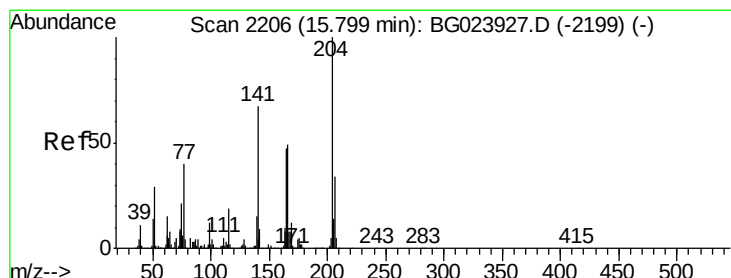
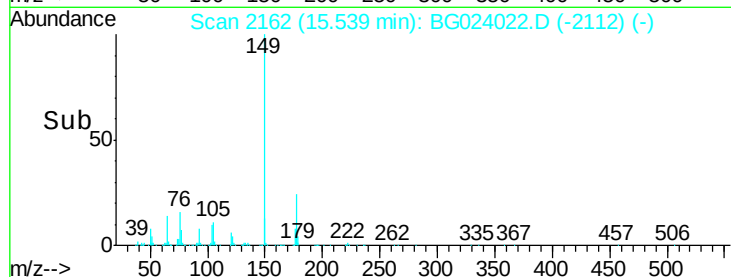
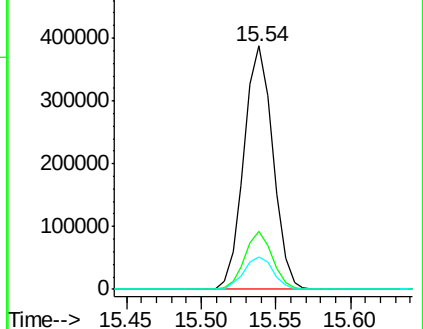
150 13.2 10.6 16.0



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: 32.93 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

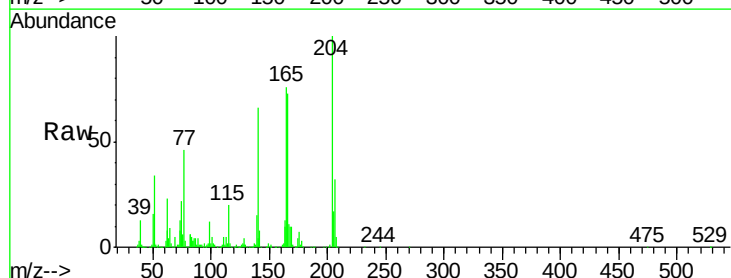
Tgt Ion:204 Resp: 249510

Ion Ratio Lower Upper

204 100

206 31.8 28.5 42.7

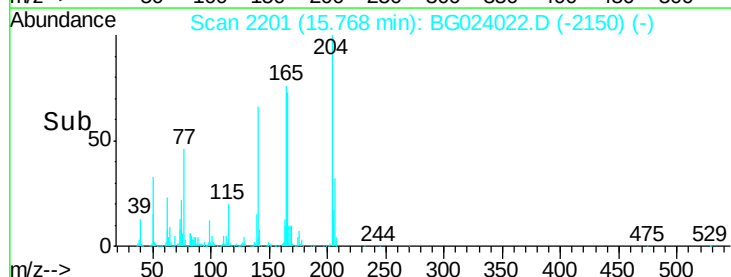
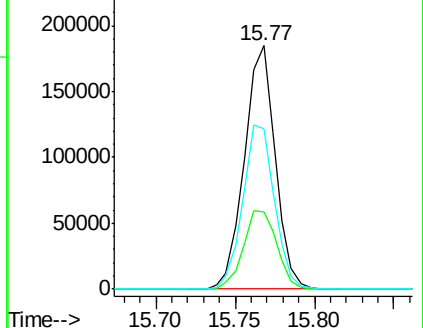
141 66.1 51.4 77.0

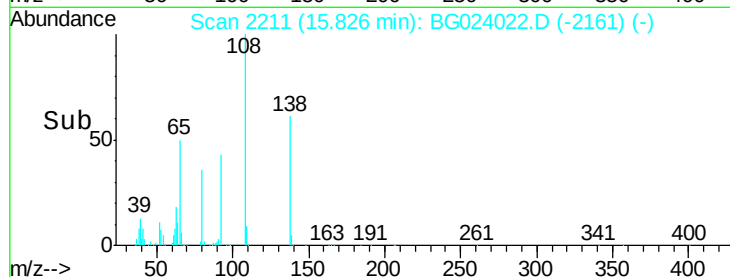
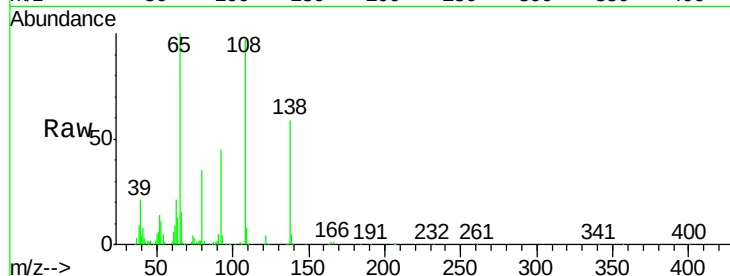
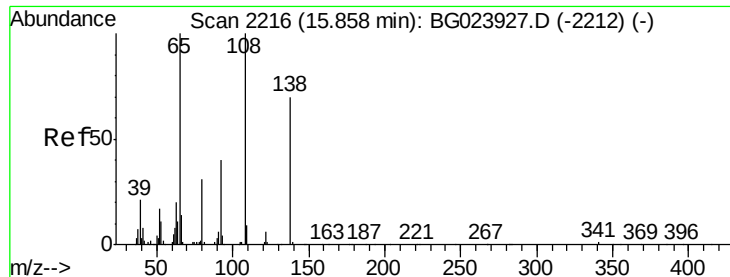


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

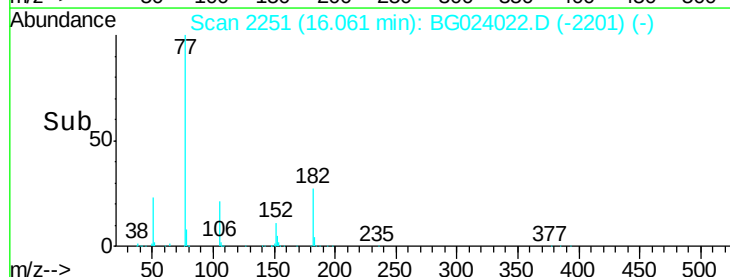
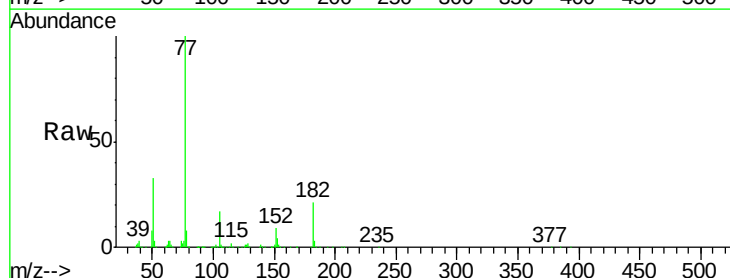
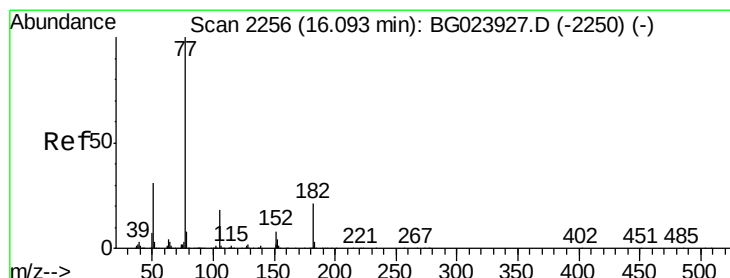
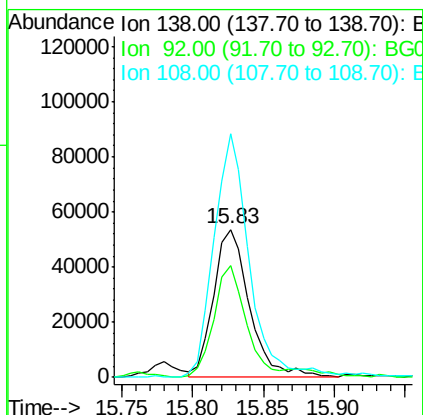




#61
4-Nitroaniline
Concen: 32.16 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

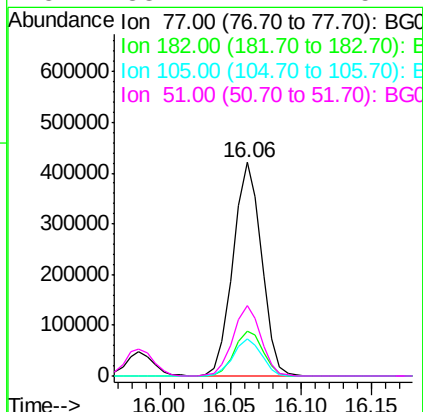
Instrument :
BNA_G
ClientSampleId :
PB93439BS

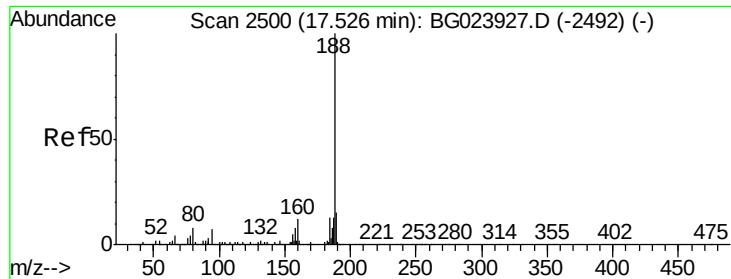
Tot Ion:138 Resp: 94066
Ion Ratio Lower Upper
138 100
92 75.6 54.1 94.1
108 164.4 133.9 173.9



#62
Azobenzene
Concen: 39.04 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion: 77 Resp: 591563
Ion Ratio Lower Upper
77 100
182 21.2 3.5 43.5
105 17.1 0.0 38.5
51 33.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

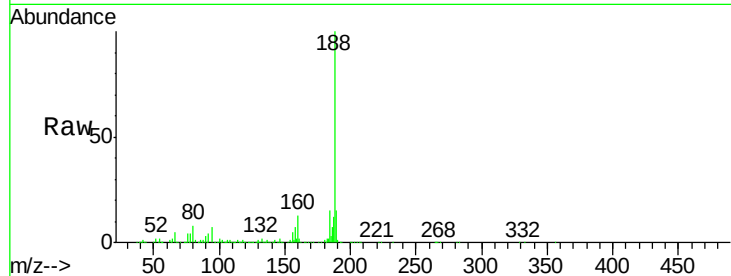
Tot Ion:188 Resp: 408289

Ion Ratio Lower Upper

188 100

94 6.7 5.2 7.8

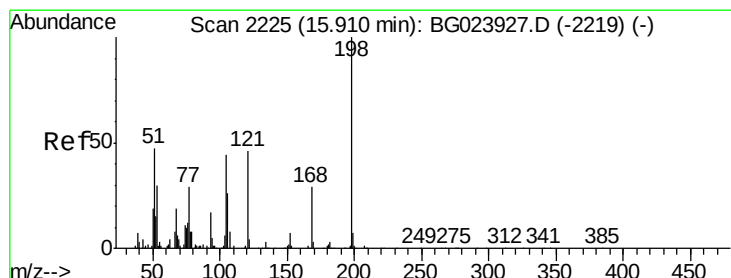
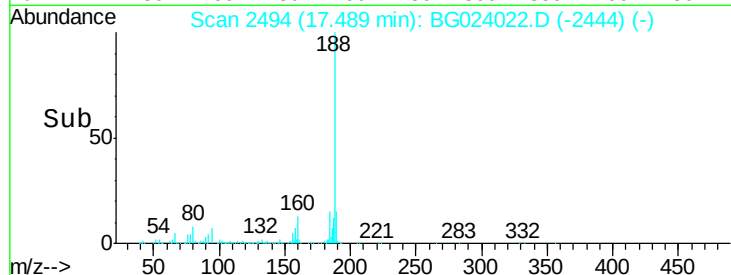
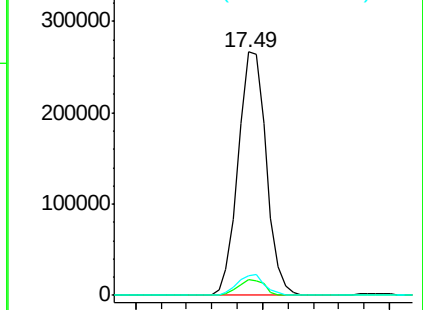
80 8.0 7.2 10.8



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: 33.46 ng

RT: 15.88 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

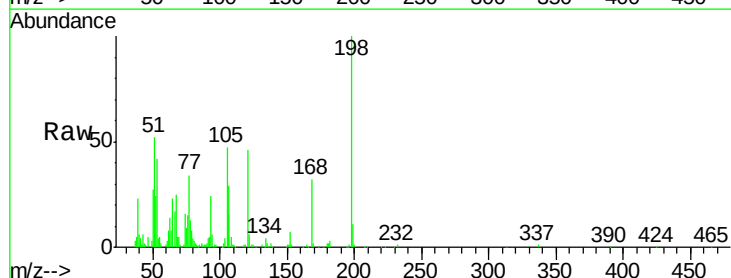
Tgt Ion:198 Resp: 94844

Ion Ratio Lower Upper

198 100

51 52.5 26.0 66.0

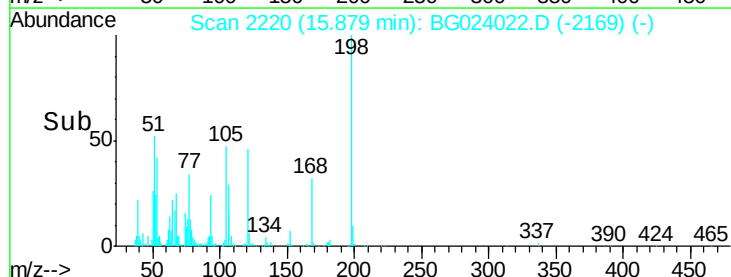
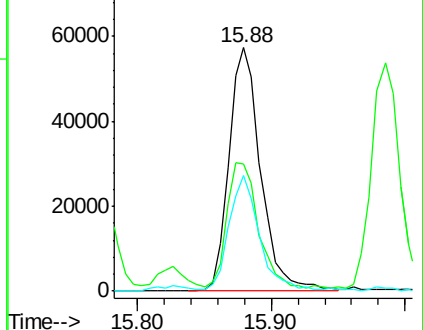
105 47.5 20.1 60.1

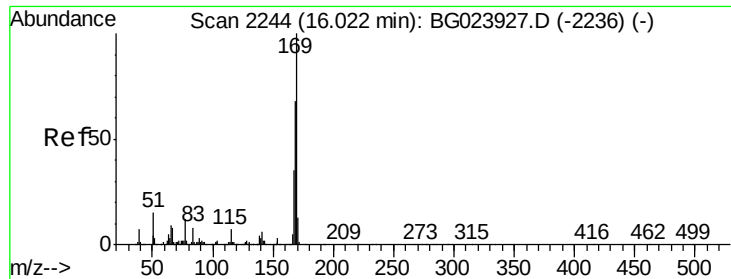


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.63 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

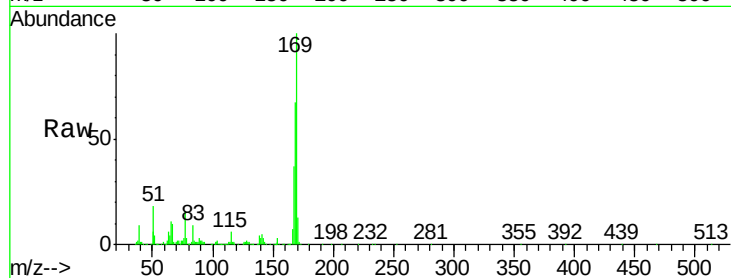
BNA_G

ClientSampleId :

PB93439BS

Tot Ion:169 Resp: 436423

Ion	Ratio	Lower	Upper
169	100		
168	67.2	55.0	82.4
167	37.4	27.4	41.0

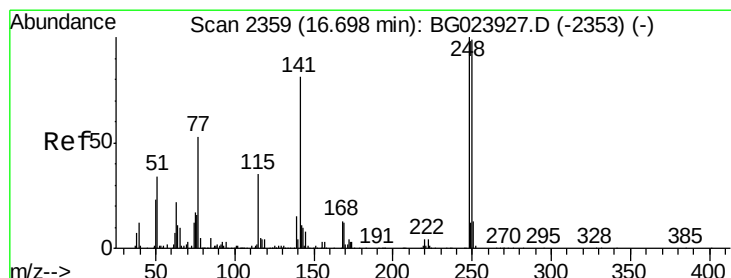
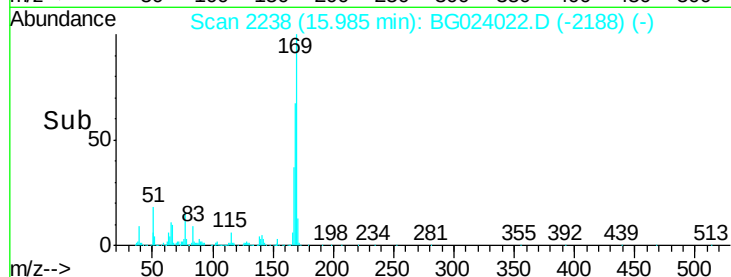
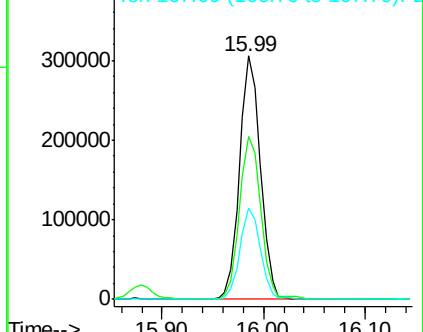


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.17 ng

RT: 16.67 min Scan# 2354

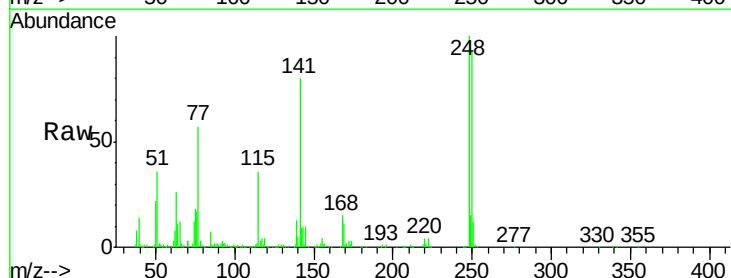
Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Tgt Ion:248 Resp: 189600

Ion	Ratio	Lower	Upper
248	100		
250	92.9	77.8	116.8
141	79.9	65.7	98.5

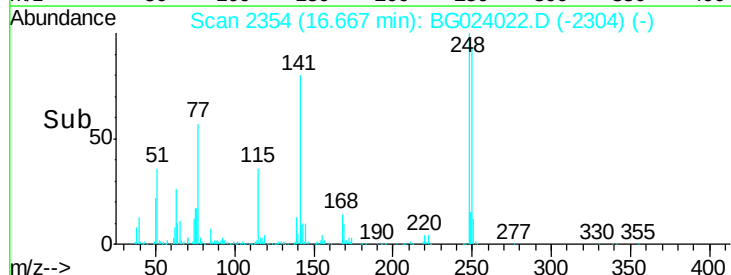
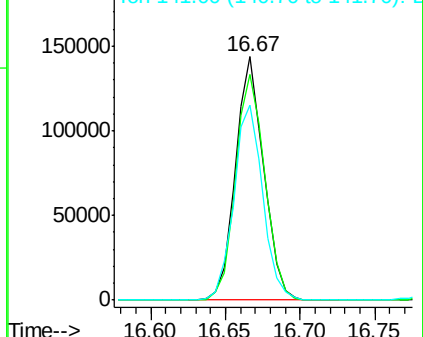


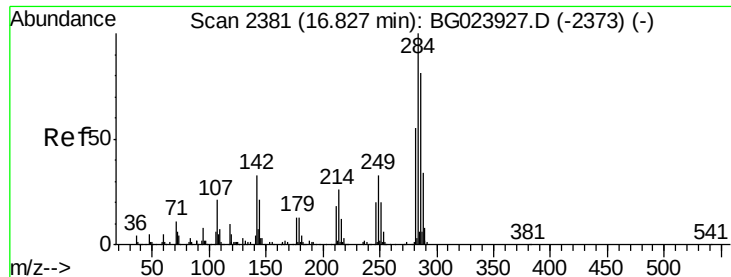
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.99 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

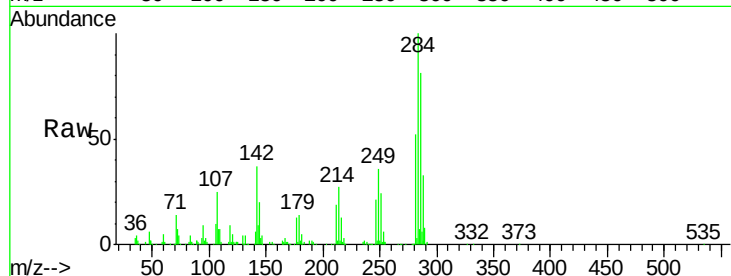
Tot Ion:284 Resp: 198028

Ion Ratio Lower Upper

284 100

142 37.1 26.8 40.2

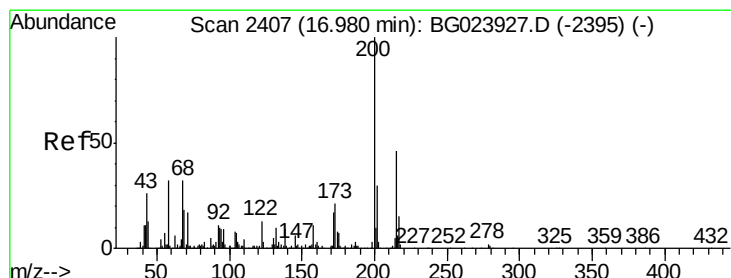
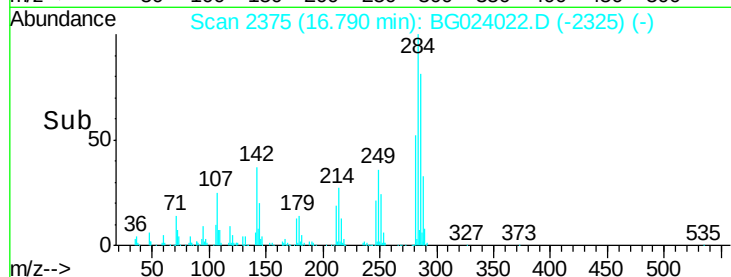
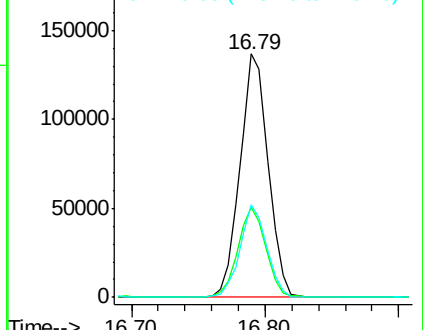
249 38.0 28.9 43.3



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: 36.82 ng

RT: 16.94 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

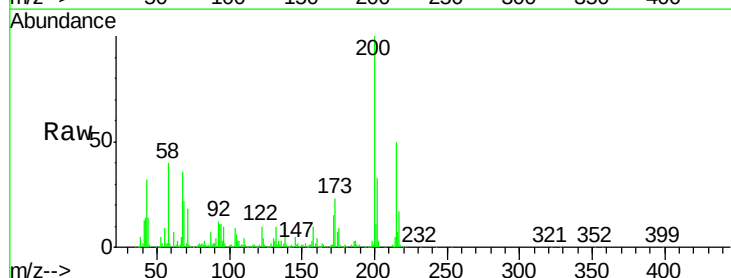
Tgt Ion:200 Resp: 183702

Ion Ratio Lower Upper

200 100

173 22.7 1.6 41.6

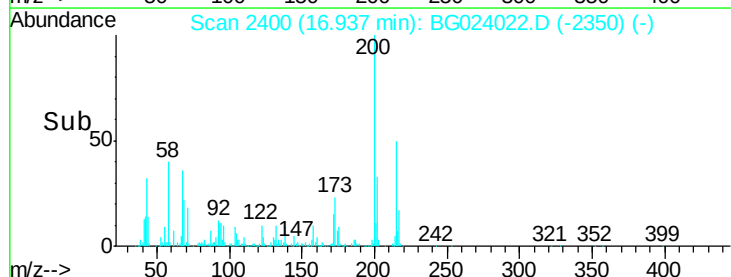
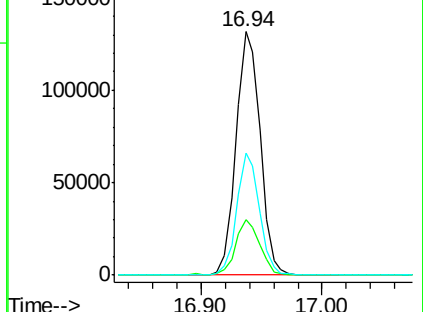
215 49.9 28.7 68.7

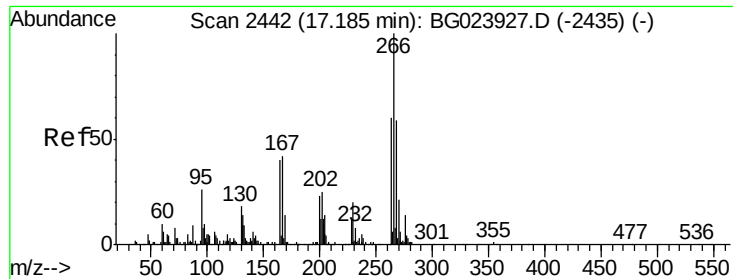


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 61.16 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

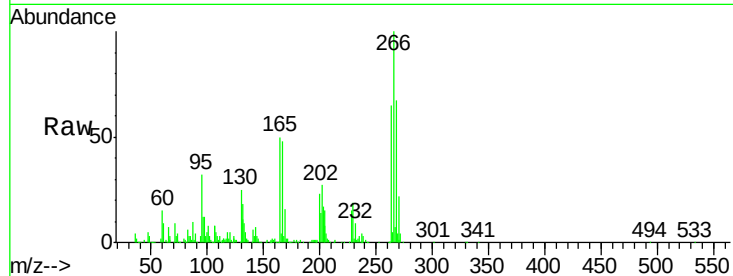
Tot Ion:266 Resp: 189254

Ion Ratio Lower Upper

266 100

268 67.3 51.9 77.9

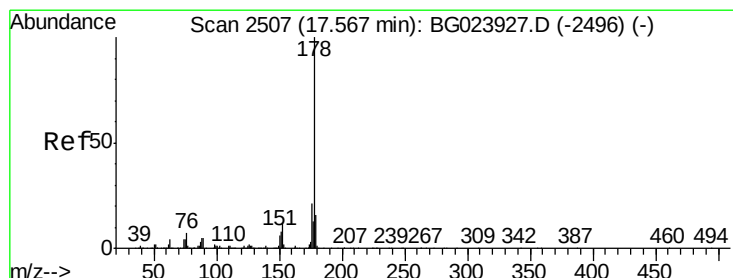
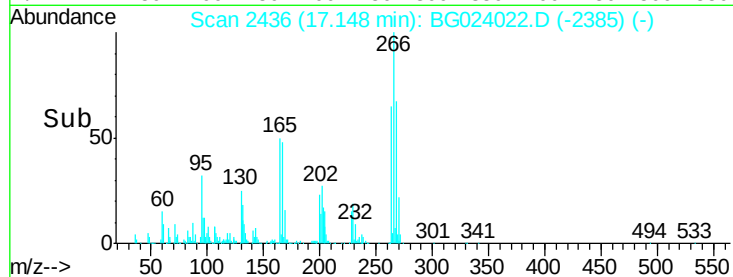
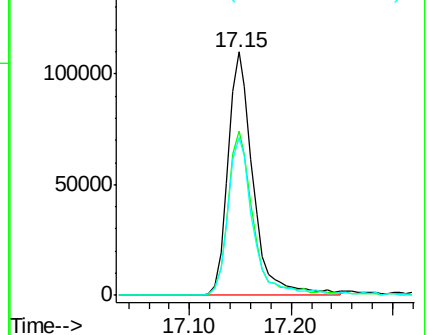
264 64.9 50.6 75.8



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: 39.19 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

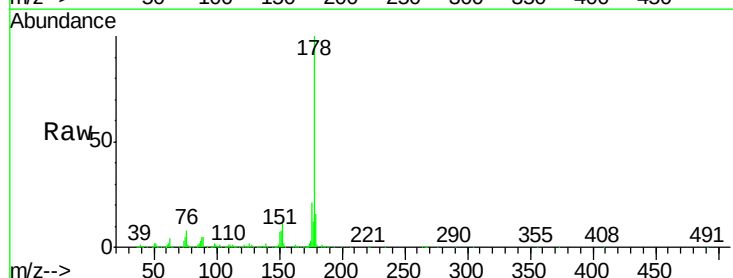
Tgt Ion:178 Resp: 832430

Ion Ratio Lower Upper

178 100

176 21.0 16.8 25.2

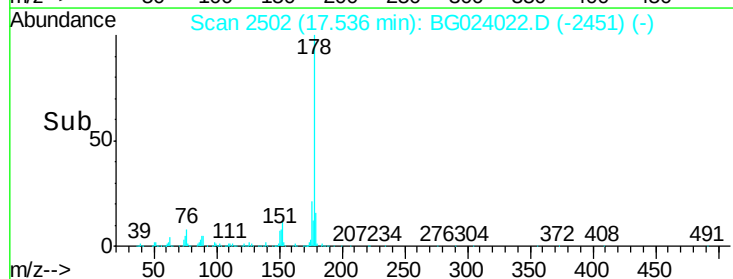
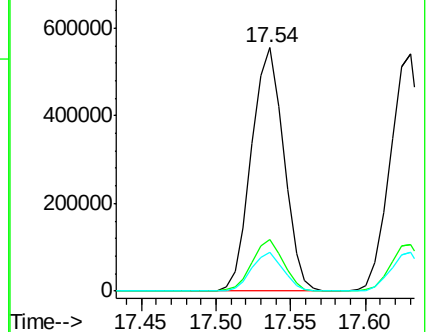
179 16.1 14.3 21.5

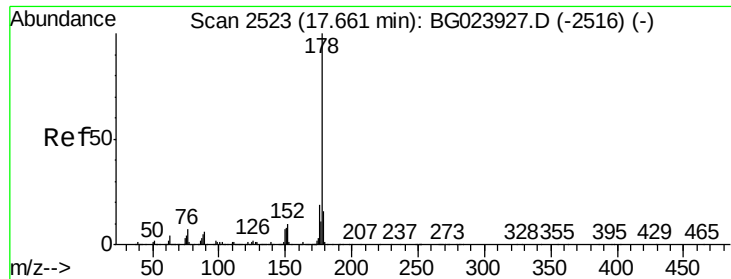


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

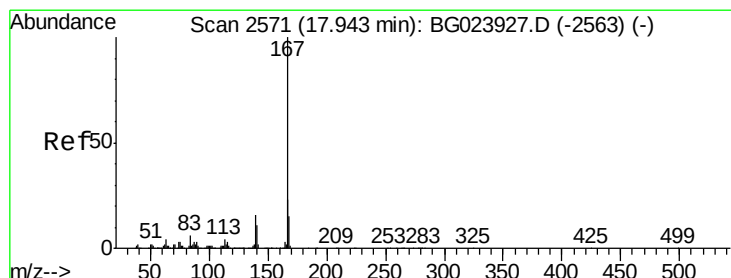
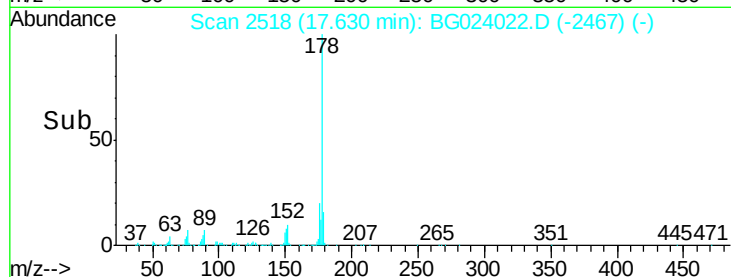
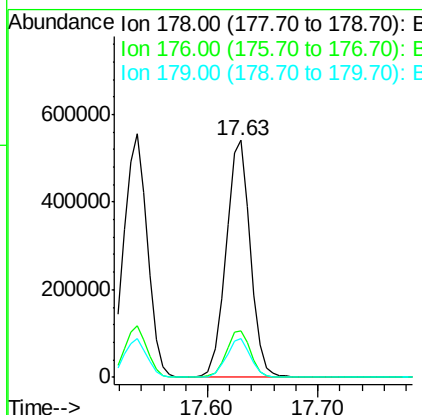
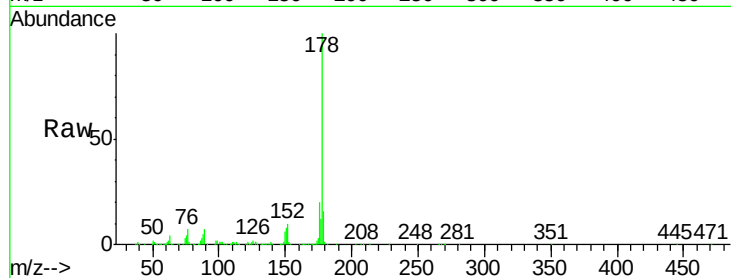




#71
 Anthracene
 Concen: 38.26 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

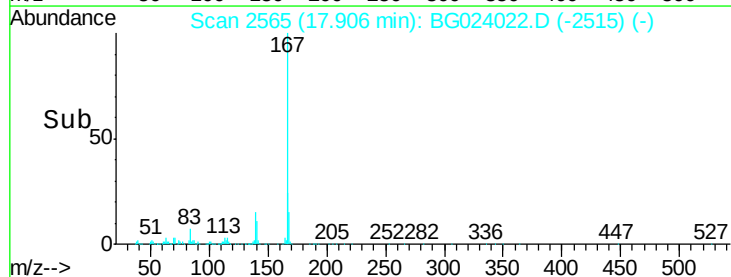
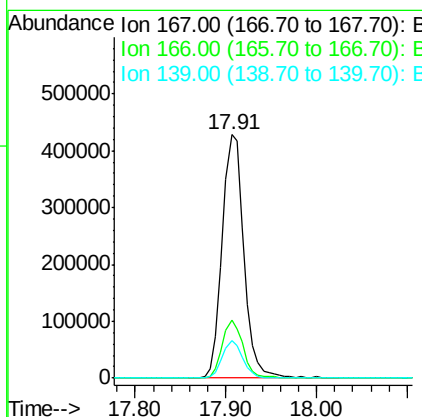
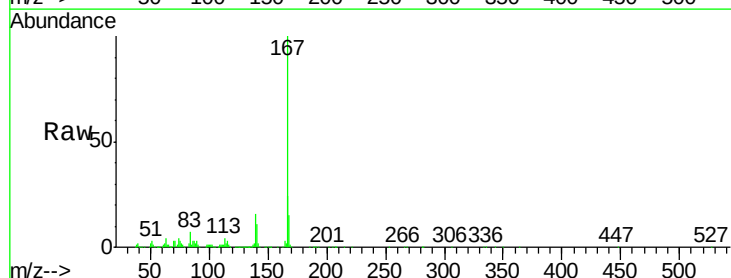
Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

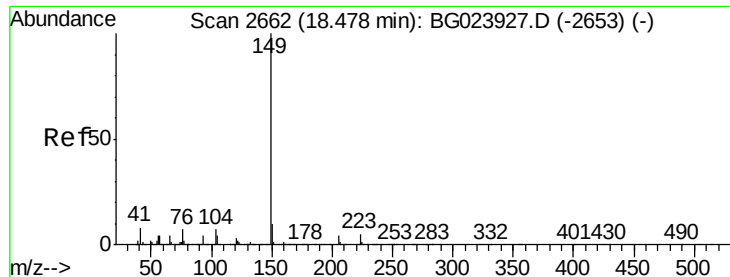
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	17.3	25.9
179	16.3	14.0	21.0



#72
 Carbazole
 Concen: 36.11 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.01 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	20.7	31.1
139	15.5	11.9	17.9





#73

Di-n-butylphthalate

Concen: 36.79 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

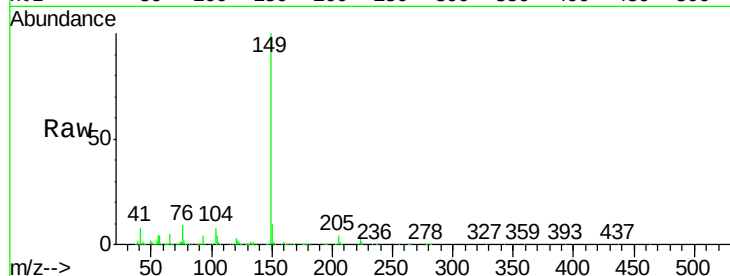
Tot Ion:149 Resp: 862881

Ion Ratio Lower Upper

149 100

150 10.2 9.1 13.7

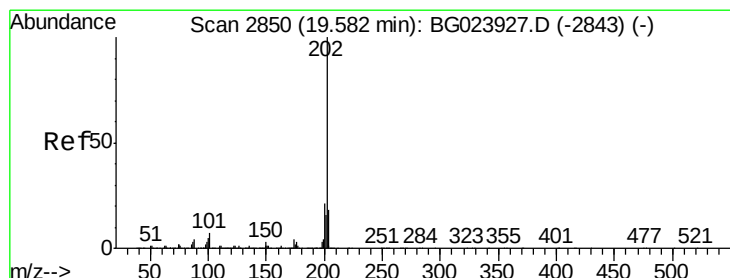
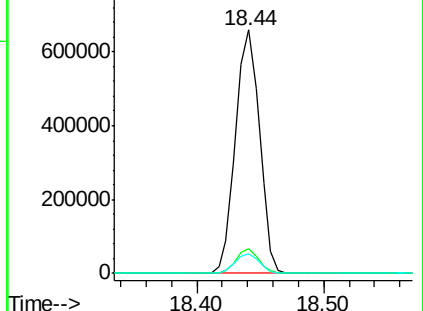
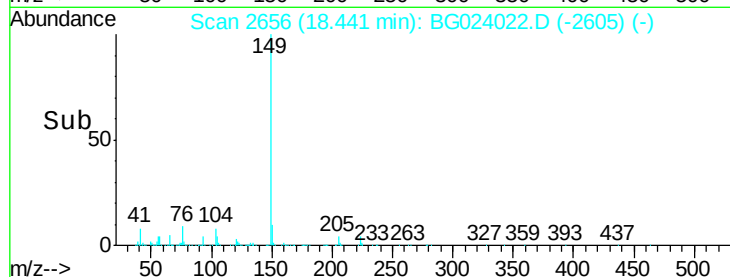
104 8.2 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.91 ng

RT: 19.55 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

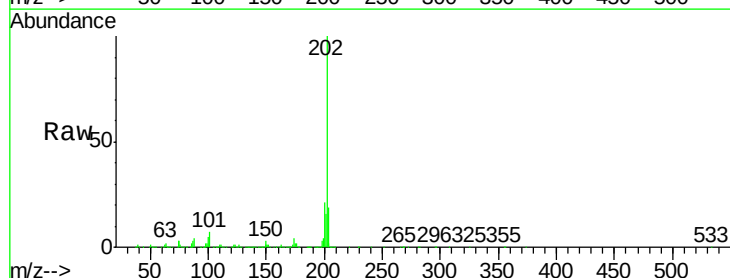
Tgt Ion:202 Resp: 969491

Ion Ratio Lower Upper

202 100

101 6.9 0.0 27.4

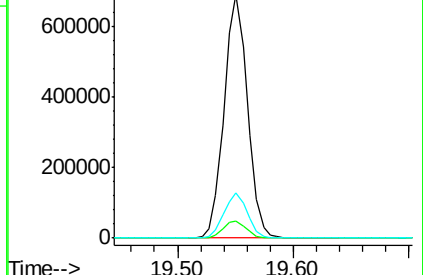
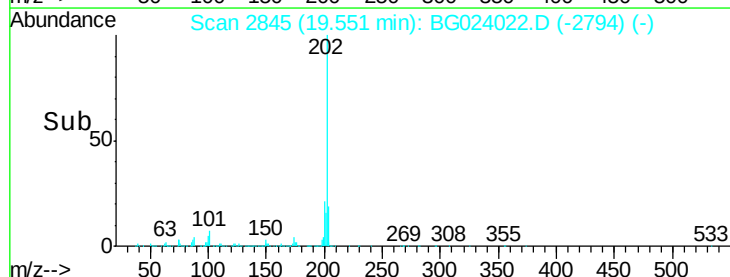
203 18.6 1.7 41.7

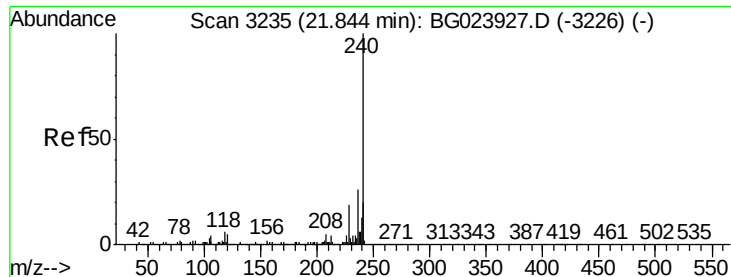


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

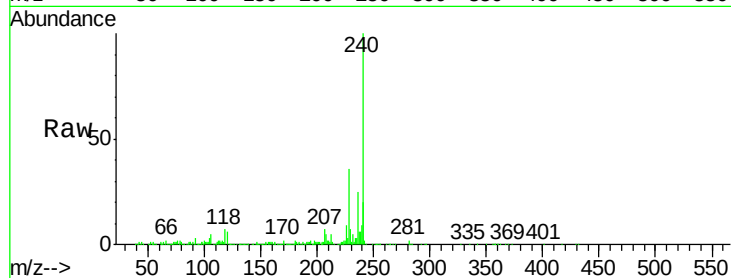
Tot Ion:240 Resp: 441773

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

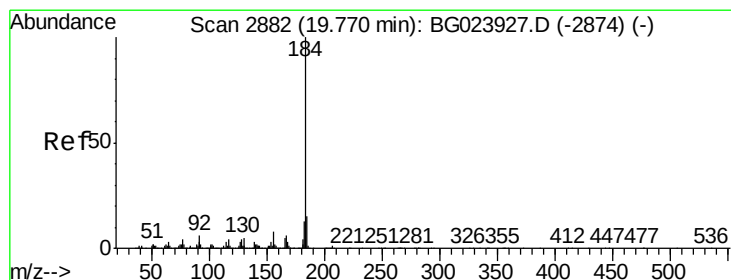
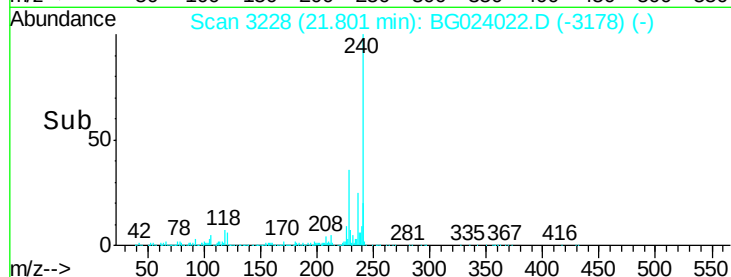
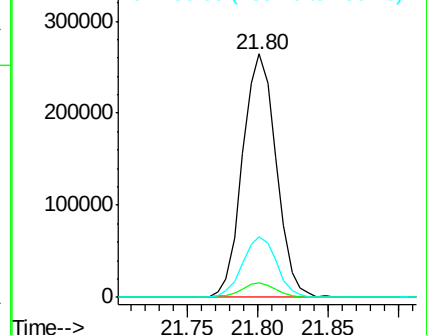
236 25.0 21.1 31.7



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: 27.29 ng

RT: 19.74 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

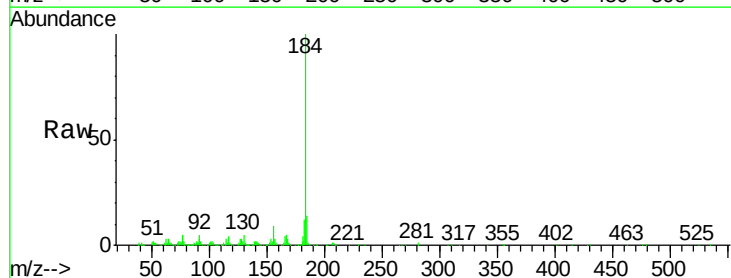
Tgt Ion:184 Resp: 373359

Ion Ratio Lower Upper

184 100

185 13.9 12.6 19.0

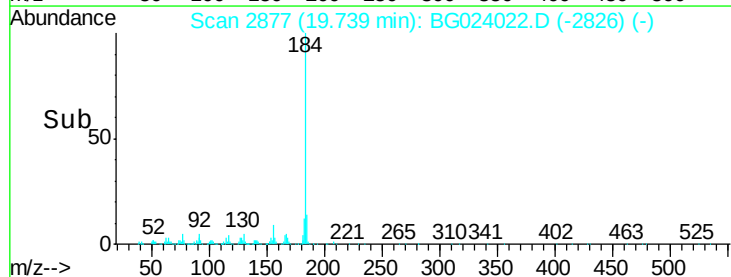
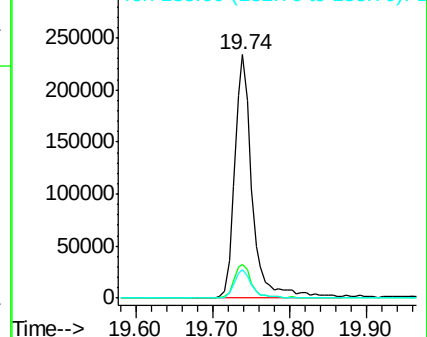
183 11.9 10.7 16.1

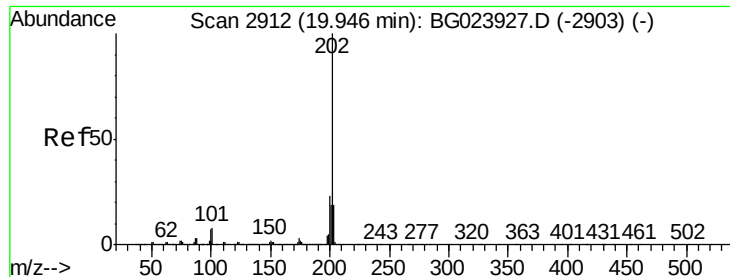


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

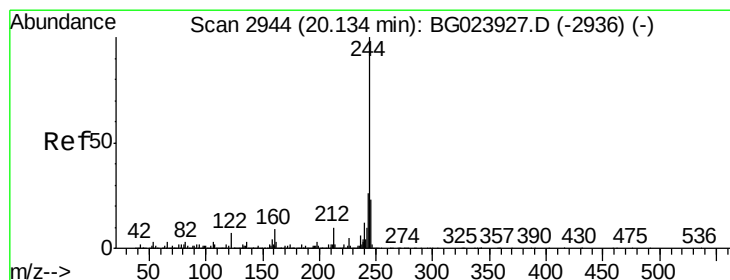
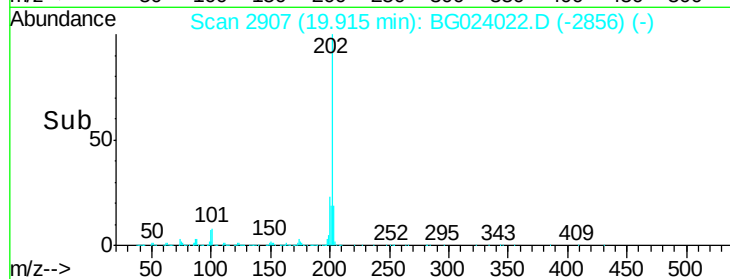
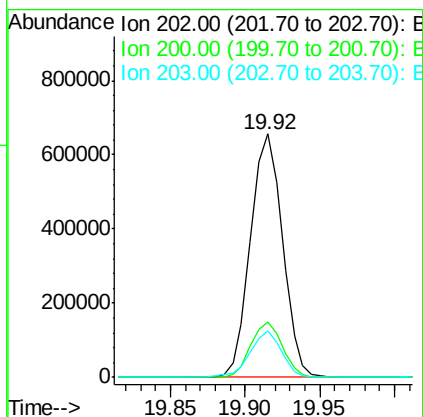
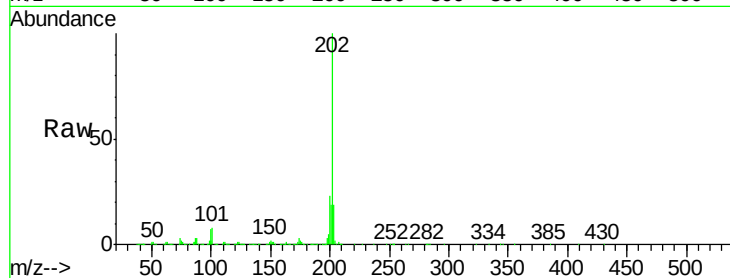




#77
Pvrene
Concen: 35.84 ng
RT: 19.92 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

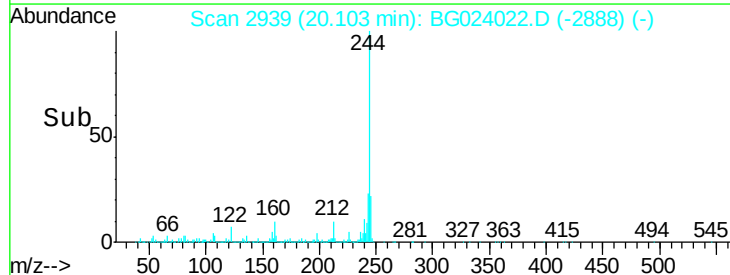
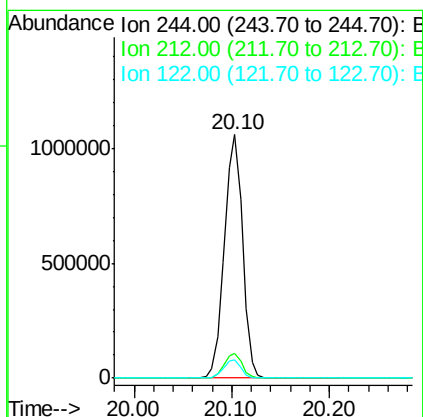
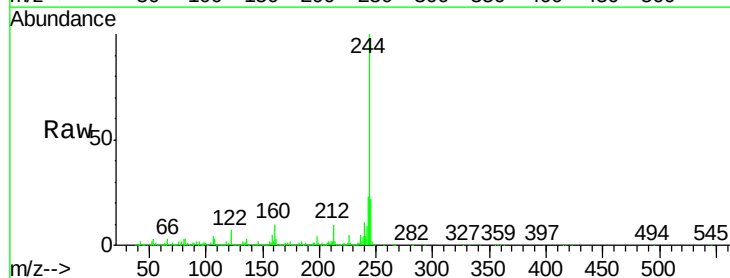
Instrument :
BNA_G
ClientSampleId :
PB93439BS

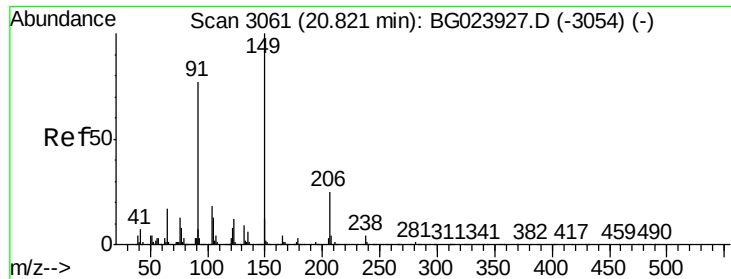
Tot Ion:	202	Resp:	973823
Ion	Ratio	Lower	Upper
202	100		
200	22.7	21.2	31.8
203	19.0	16.8	25.2



#78
Terphenyl-d14
Concen: 70.65 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.00 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion:	244	Resp:	1370536
Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.8	16.2#
122	7.4	8.0	12.0#





#79

Butylbenzylphthalate

Concen: 36.97 ng

RT: 20.78 min Scan# 3055

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

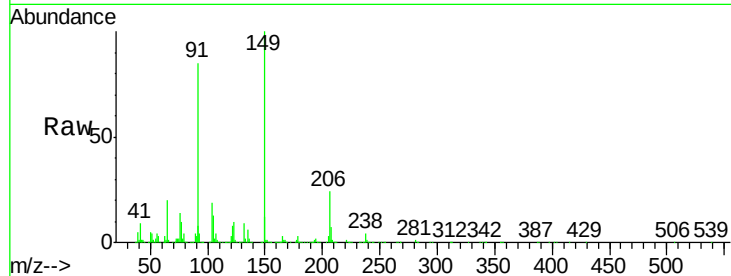
Tot Ion:149 Resp: 387230

Ion Ratio Lower Upper

149 100

91 84.9 68.1 102.1

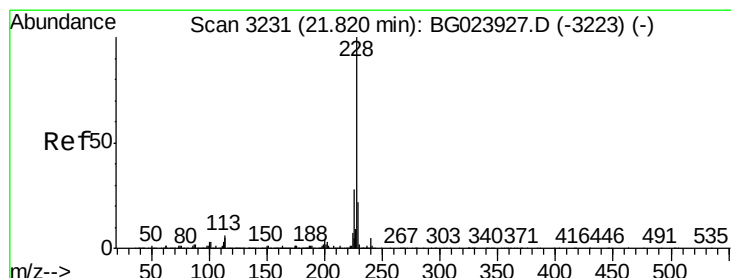
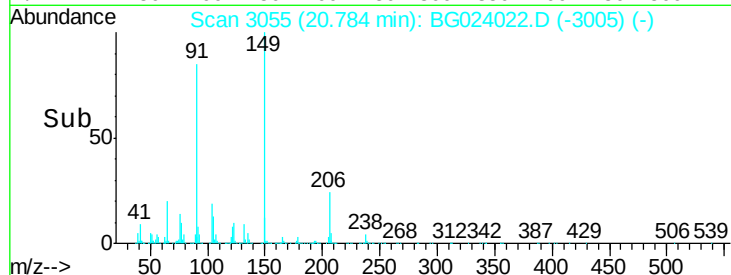
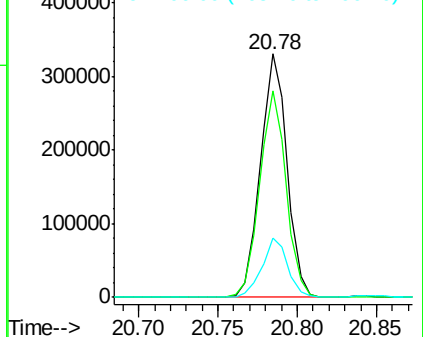
206 24.1 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.62 ng

RT: 21.78 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

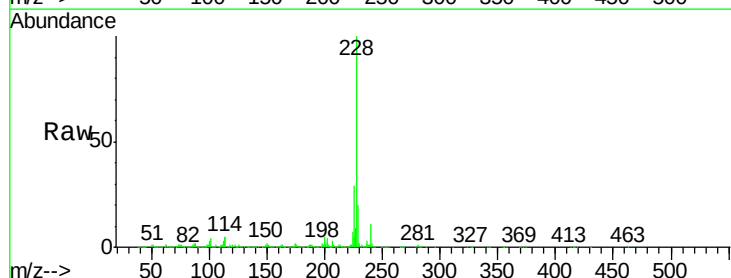
Tgt Ion:228 Resp: 979871

Ion Ratio Lower Upper

228 100

226 28.5 25.3 37.9

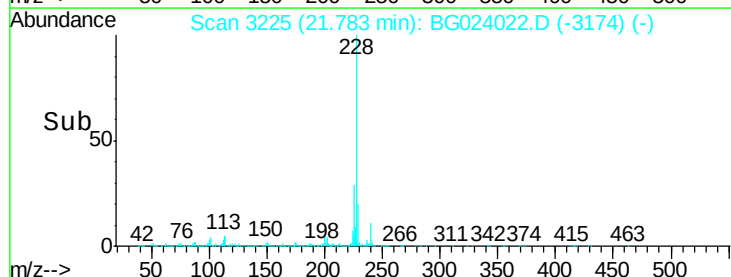
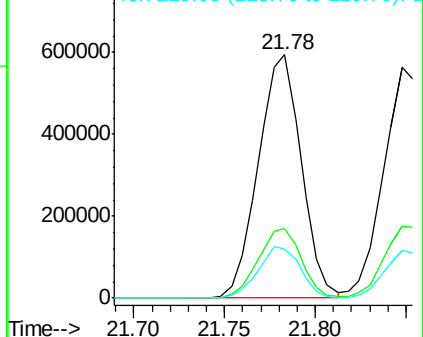
229 20.1 19.9 29.9

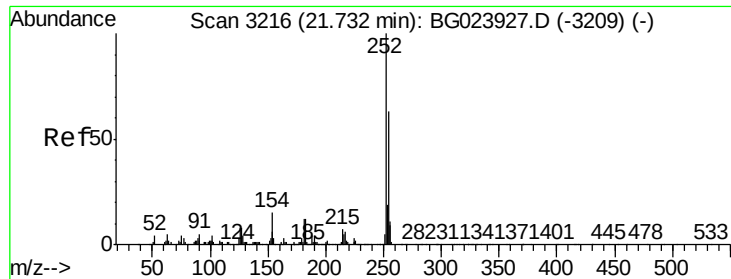


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

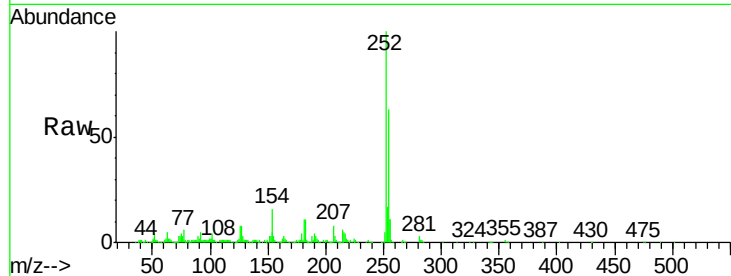




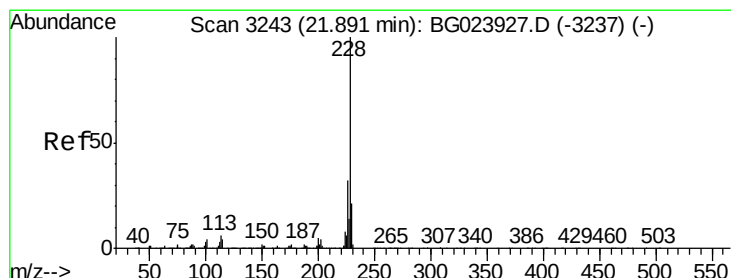
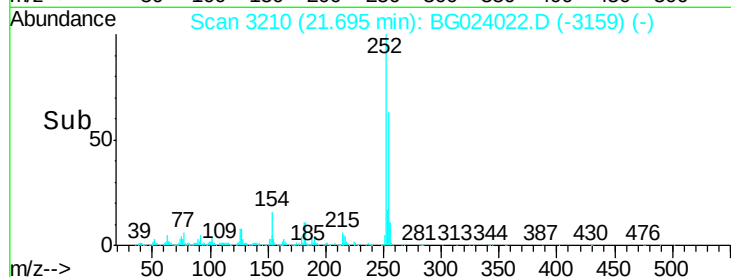
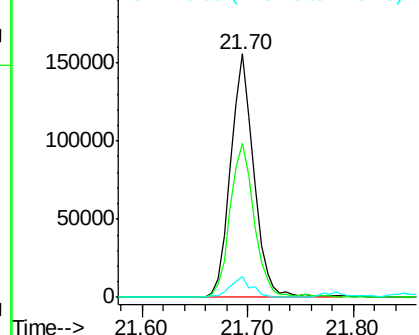
#81
 3,3'-Dichlorobenzidine
 Concen: 23.99 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

Tot Ion:252 Resp: 237161
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.2 76.8
 126 8.4 5.3 7.9#

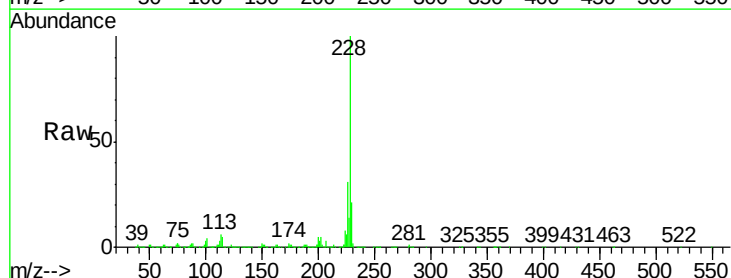


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

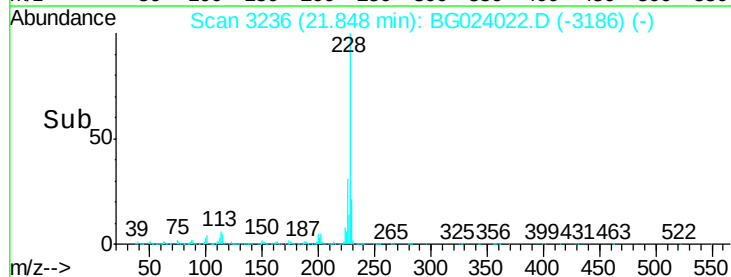
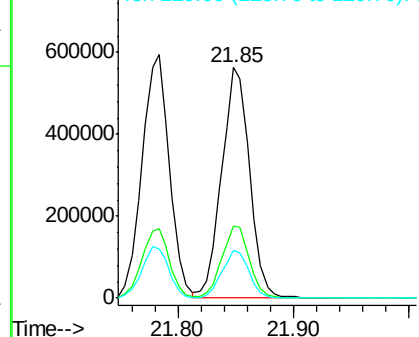


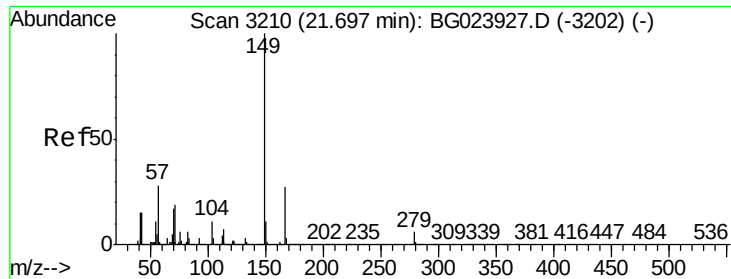
#82
 Chrysene
 Concen: 39.78 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. -0.01 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Tgt Ion:228 Resp: 936482
 Ion Ratio Lower Upper
 228 100
 226 31.0 26.7 40.1
 229 20.7 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: 37.45 ng

RT: 21.65 min Scan# 3203

Delta R.T. -0.00 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

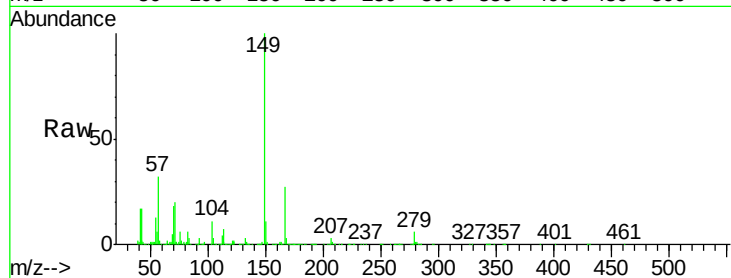
Tot Ion:149 Resp: 537050

Ion Ratio Lower Upper

149 100

167 27.4 24.0 36.0

279 5.7 4.8 7.2



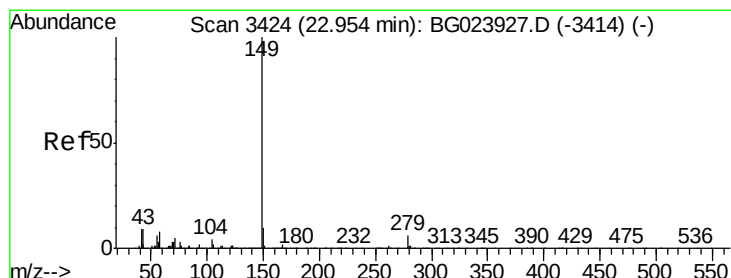
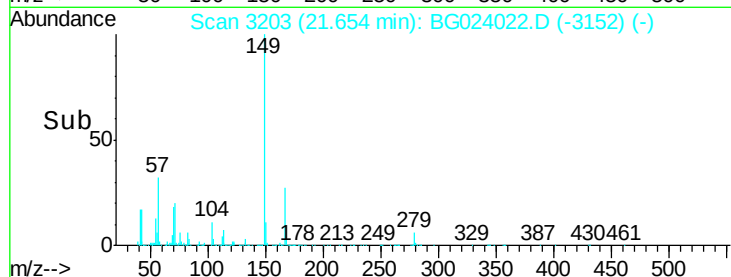
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.65

Time-->



#84

Di-n-octyl phthalate

Concen: 39.53 ng

RT: 22.90 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

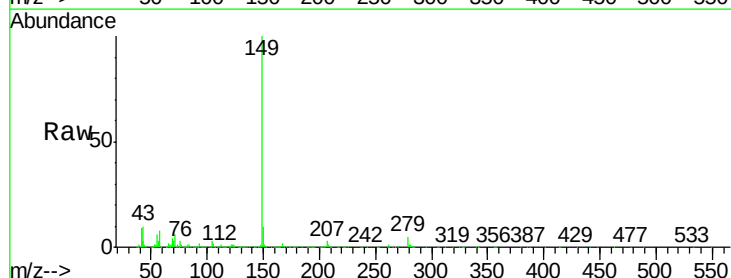
Tgt Ion:149 Resp: 929633

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

43 10.6 8.8 13.2



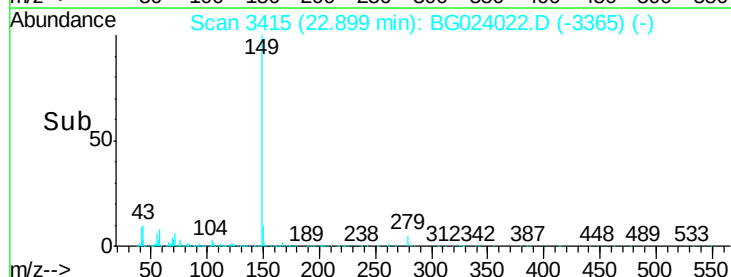
Abundance Ion 149.00 (148.70 to 149.70): E

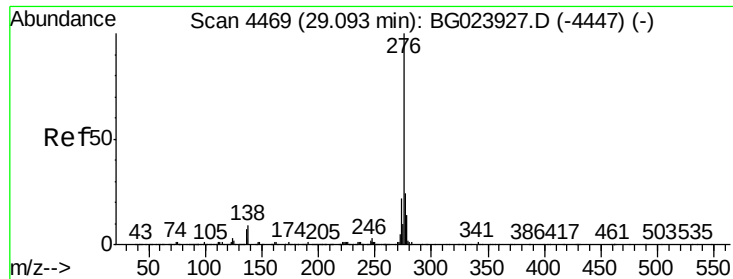
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

22.90

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.69 ng

RT: 28.97 min Scan# 4449

Delta R.T. -0.02 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampled :

PB93439BS

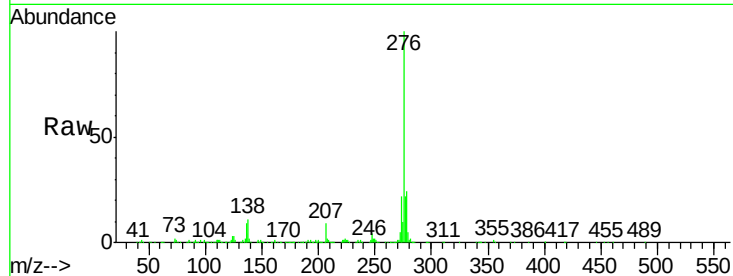
Tot Ion:276 Resp: 1164690

Ion Ratio Lower Upper

276 100

138 13.2 0.0 0.0#

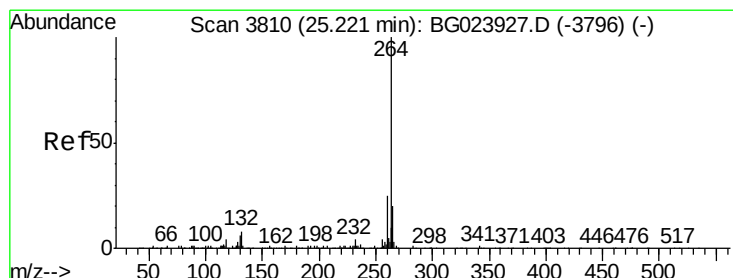
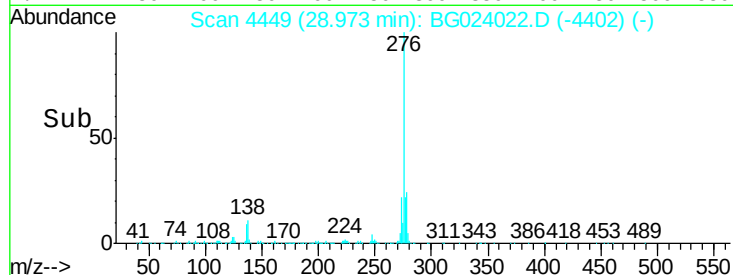
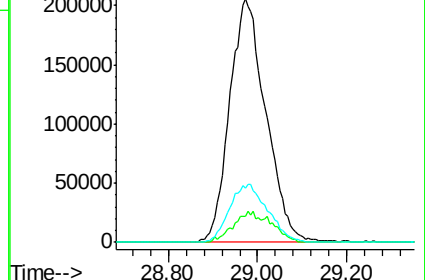
277 25.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.14 min Scan# 3797

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

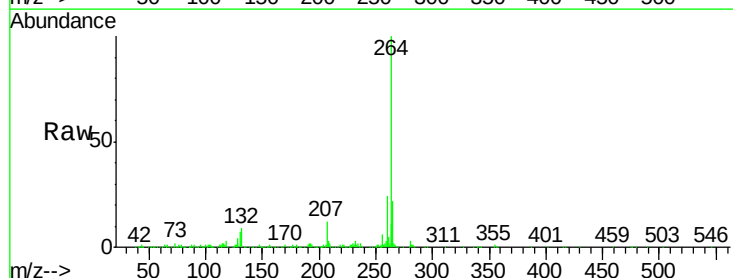
Tgt Ion:264 Resp: 449648

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

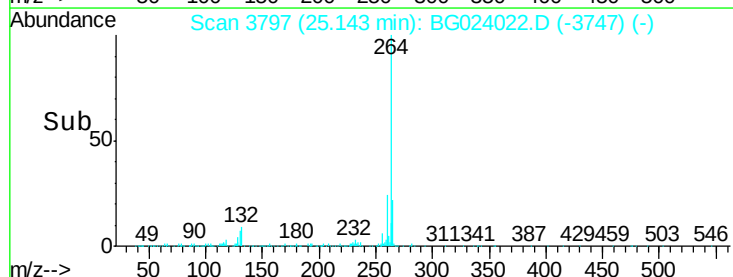
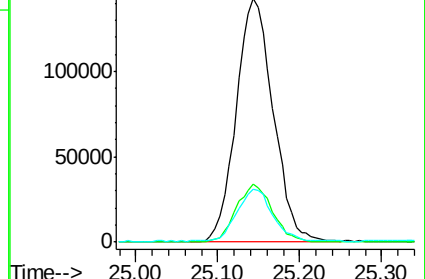
265 21.9 18.9 28.3

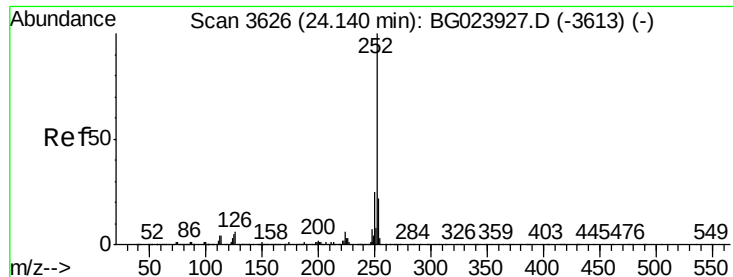


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

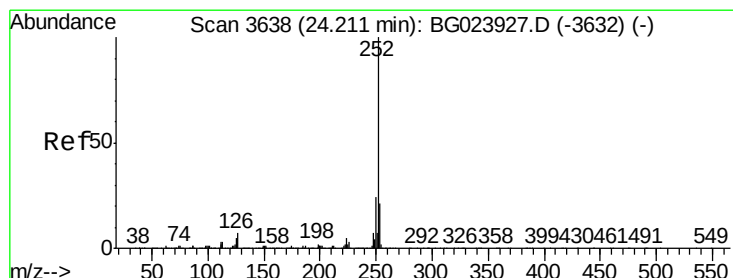
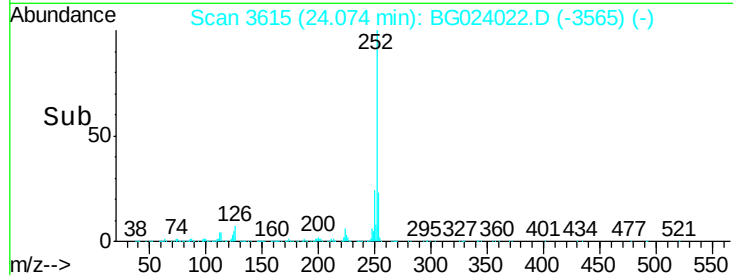
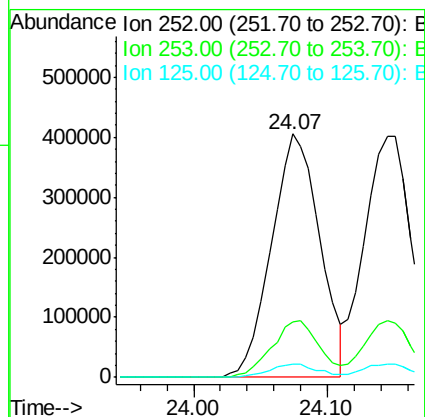
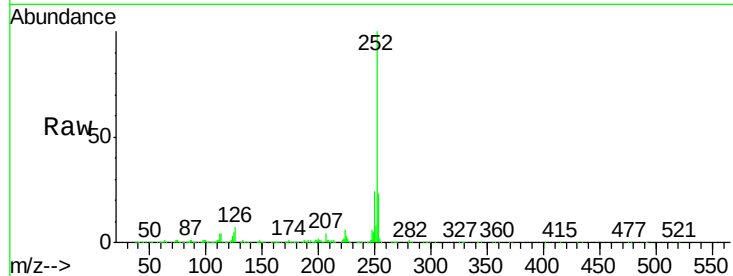




#87
Benzo(b)fluoranthene
Concen: 39.87 ng
RT: 24.07 min Scan# 3615
Delta R.T. -0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

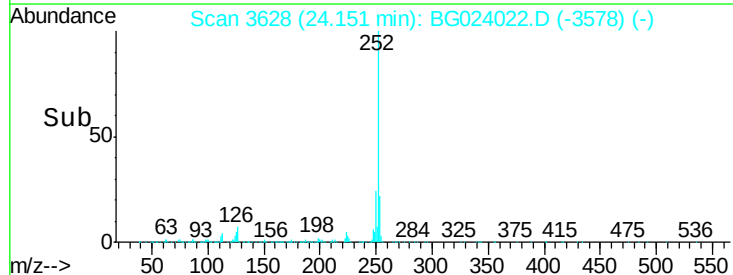
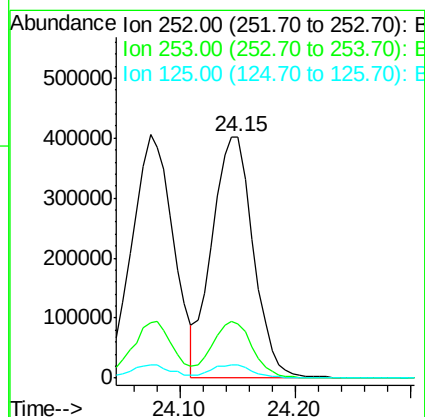
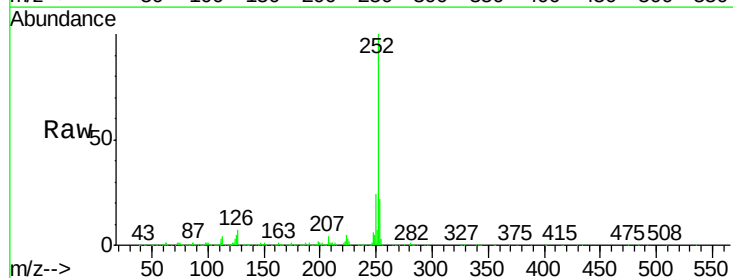
Instrument :
BNA_G
ClientSampleId :
PB93439BS

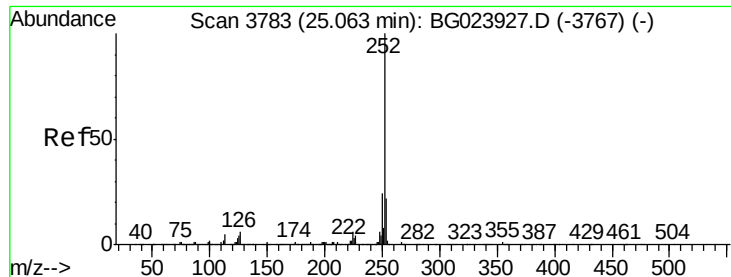
Tot Ion:252 Resp: 1018289
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 5.2 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 39.35 ng
RT: 24.15 min Scan# 3628
Delta R.T. -0.01 min
Lab File: BG024022.D
Acq: 19 Sep 2016 17:36

Tgt Ion:252 Resp: 996675
Ion Ratio Lower Upper
252 100
253 22.4 18.8 28.2
125 5.4 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 40.53 ng

RT: 24.98 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

Instrument :

BNA_G

ClientSampleId :

PB93439BS

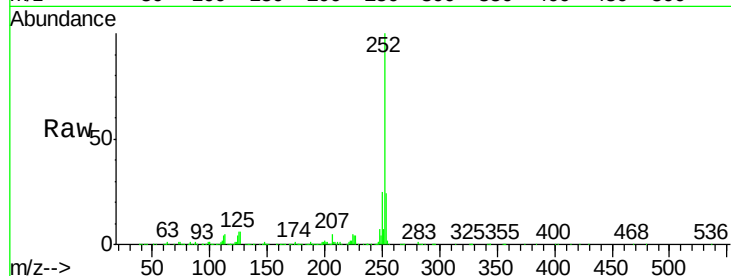
Tot Ion:252 Resp: 982968

Ion Ratio Lower Upper

252 100

253 23.6 18.7 28.1

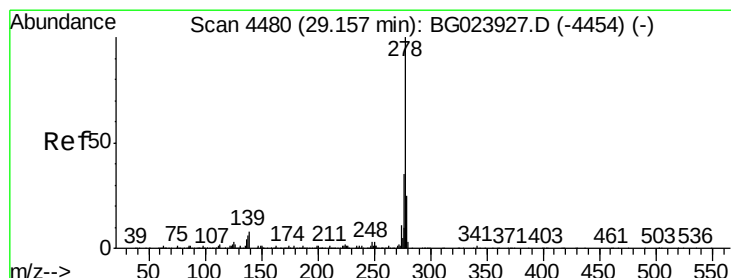
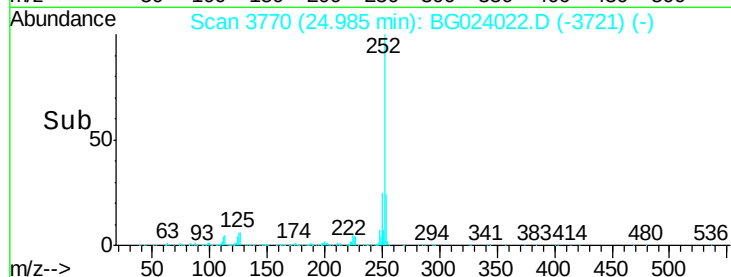
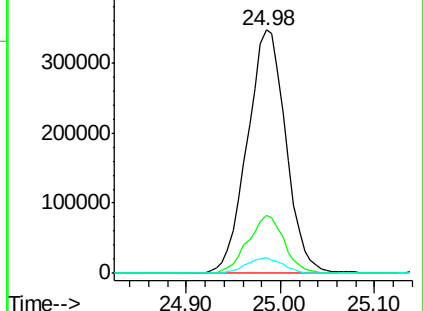
125 6.5 3.9 5.9#



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: 40.01 ng

RT: 29.03 min Scan# 4458

Delta R.T. -0.02 min

Lab File: BG024022.D

Acq: 19 Sep 2016 17:36

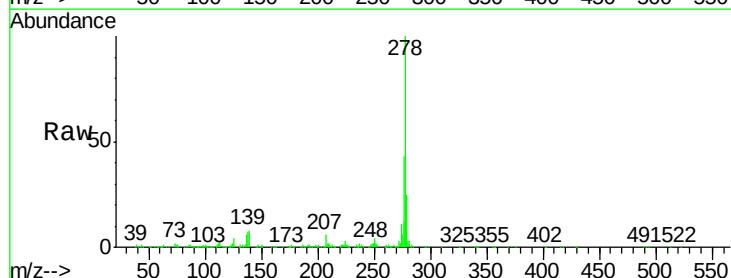
Tgt Ion:278 Resp: 954475

Ion Ratio Lower Upper

278 100

139 8.4 4.7 7.1#

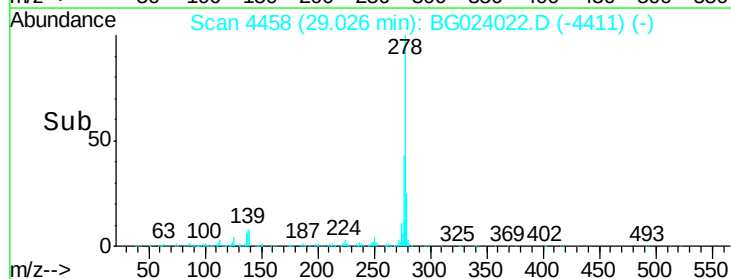
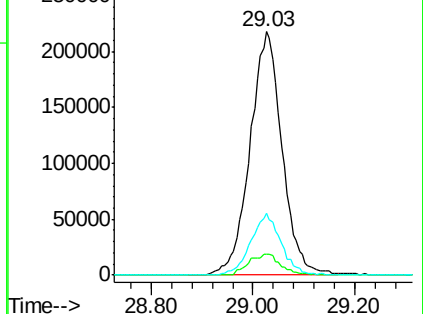
279 25.2 18.3 27.5

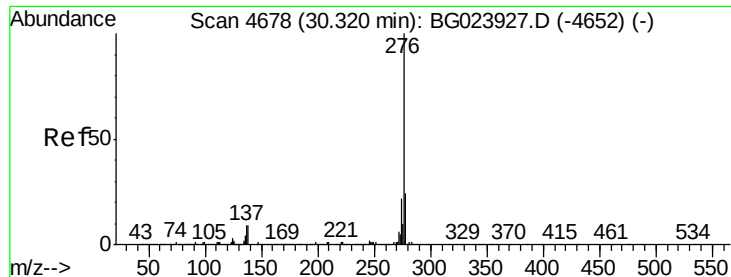


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.86 ng
 RT: 30.17 min Scan# 4652
 Delta R.T. -0.03 min
 Lab File: BG024022.D
 Acq: 19 Sep 2016 17:36

Instrument :
 BNA_G
 ClientSampleId :
 PB93439BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	10.7	6.8	10.2

