

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022421.D
 Acq On : 18 Jun 2016 13:19
 Operator : UM/SJ
 Sample : PB91389BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

Quant Time: Jun 20 01:20:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21579	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	107927	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	65905	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	151780	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	136341	20.00	ng	-0.05
86) Perylene-d12	24.93	264	121605	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	179298	160.65	ng	-0.03
7) Phenol-d6	7.23	99	262110	149.37	ng	-0.02
23) Nitrobenzene-d5	9.22	82	142723	92.19	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	85298	114.54	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	368469	85.20	ng	-0.04
78) Terphenyl-d14	20.02	244	518013	90.20	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	17696	33.07	ng	# 75
3) Pyridine	3.82	79	51147	35.37	ng	91
4) n-Nitrosodimethylamine	3.74	42	16013	49.52	ng	79
6) Aniline	7.37	93	67342	30.21	ng	# 82
8) 2-Chlorophenol	7.61	128	75339	48.84	ng	# 82
10) Phenol	7.26	94	91598	50.63	ng	85
11) bis(2-Chloroethyl)ether	7.46	93	64571	44.76	ng	# 72
12) 1,3-Dichlorobenzene	7.93	146	68757	41.58	ng	# 93
13) 1,4-Dichlorobenzene	8.08	146	70297	42.67	ng	94
14) 1,2-Dichlorobenzene	8.40	146	70281	42.32	ng	97
15) Benzyl Alcohol	8.30	79	55106	48.60	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	74307	49.65	ng	86
17) 2-Methylphenol	8.51	107	65970	48.86	ng	# 88
18) Hexachloroethane	9.12	117	26975	44.84	ng	# 81
19) n-Nitroso-di-n-propylamine	8.85	70	51734	43.55	ng	# 71
20) 3+4-Methylphenols	8.84	107	88100	45.49	ng	97
22) Acetophenone	8.87	105	100383	43.16	ng	# 83
24) Nitrobenzene	9.26	77	74038	47.56	ng	# 86
25) Isophorone	9.78	82	155820	43.02	ng	94
26) 2-Nitrophenol	9.98	139	39208	46.45	ng	# 78
27) 2,4-Dimethylphenol	10.04	122	73325	47.99	ng	89
28) bis(2-Chloroethoxy)methane	10.26	93	92397	44.53	ng	96
29) 2,4-Dichlorophenol	10.53	162	65762	46.46	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	67796	42.87	ng	90
31) Naphthalene	10.91	128	233547	43.35	ng	# 96
32) Benzoic acid	10.21	122	24293	46.84	ng	# 84
33) 4-Chloroaniline	11.04	127	29449	13.15	ng	# 88
34) Hexachlorobutadiene	11.18	225	36079	42.49	ng	95
35) Caprolactam	11.80	113	17262	22.23	ng	# 47
36) 4-Chloro-3-methylphenol	12.17	107	80205	47.81	ng	# 87
37) 2-Methylnaphthalene	12.51	142	168319	42.32	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	69605	41.03	ng	# 96
40) Hexachlorocyclopentadiene	12.85	237	41899	50.47	ng	98
42) 2,4,6-Trichlorophenol	13.13	196	51480	45.23	ng	95

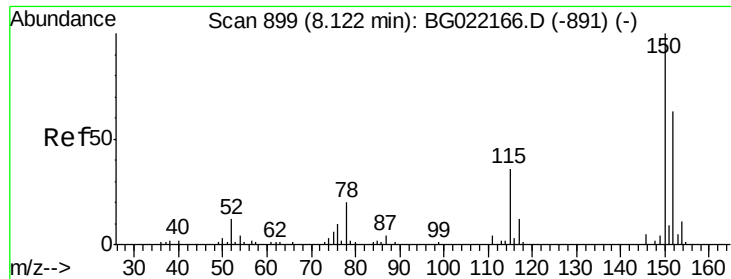
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022421.D
 Acq On : 18 Jun 2016 13:19
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	52380	41.66	ng	96
45) 1,1'-Biphenyl	13.51	154	220244	44.41	ng	94
46) 2-Chloronaphthalene	13.56	162	169789	44.66	ng	97
47) 2-Nitroaniline	13.78	65	43927	48.45	ng	# 61
48) Acenaphthylene	14.41	152	299310	44.87	ng	97
49) Dimethylphthalate	14.13	163	235811	43.15	ng	100
50) 2,6-Dinitrotoluene	14.27	165	53023	44.64	ng	# 83
51) Acenaphthene	14.75	154	174587	43.68	ng	97
52) 3-Nitroaniline	14.61	138	30616	23.24	ng	# 78
53) 2,4-Dinitrophenol	14.82	184	38210	78.94	ng	# 83
54) Dibenzofuran	15.08	168	277931	44.56	ng	98
55) 4-Nitrophenol	14.95	139	63151	69.45	ng	# 78
56) 2,4-Dinitrotoluene	15.06	165	74621	46.83	ng	# 88
57) Fluorene	15.73	166	235394	43.81	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.23	232	39067	34.64	ng	97
59) Diethylphthalate	15.49	149	257073	44.04	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	104462	42.93	ng	99
61) 4-Nitroaniline	15.77	138	43222	30.93	ng	83
62) Azobenzene	16.00	77	221077	50.01	ng	90
64) 4,6-Dinitro-2-methylphenol	15.82	198	33608	44.16	ng	84
65) n-Nitrosodiphenylamine	15.93	169	200538	45.87	ng	97
66) 4-Bromophenyl-phenylether	16.60	248	62267	43.78	ng	98
67) Hexachlorobenzene	16.73	284	67751	40.87	ng	95
68) Atrazine	16.87	200	68582	42.37	ng	98
69) Pentachlorophenol	17.09	266	41864	57.77	ng	98
70) Phenanthrene	17.47	178	366735	44.49	ng	98
71) Anthracene	17.56	178	371630	45.45	ng	97
72) Carbazole	17.84	167	335505	43.33	ng	98
73) Di-n-butylphthalate	18.37	149	469896	46.42	ng	99
74) Fluoranthene	19.47	202	415971	43.89	ng	96
76) Benzidine	19.66	184	105536	29.60	ng	99
77) Pyrene	19.84	202	407941	48.13	ng	98
79) Butylbenzylphthalate	20.70	149	207995	52.91	ng	# 91
80) Benzo(a)anthracene	21.67	228	349696	45.74	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	54212	25.26	ng	# 97
82) Chrysene	21.74	228	340421	45.76	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	298758	51.68	ng	95
84) Di-n-octyl phthalate	22.75	149	503734	52.48	ng	# 88
85) Indeno(1,2,3-cd)pyrene	28.64	276	362897	43.48	ng	99
87) Benzo(b)fluoranthene	23.90	252	340316	47.98	ng	# 95
88) Benzo(k)fluoranthene	23.97	252	341675	48.94	ng	# 95
89) Benzo(a)pyrene	24.78	252	323866	47.76	ng	# 95
90) Dibenzo(a,h)anthracene	28.69	278	296977	46.50	ng	# 91
91) Benzo(g,h,i)perylene	29.80	276	303113	45.62	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

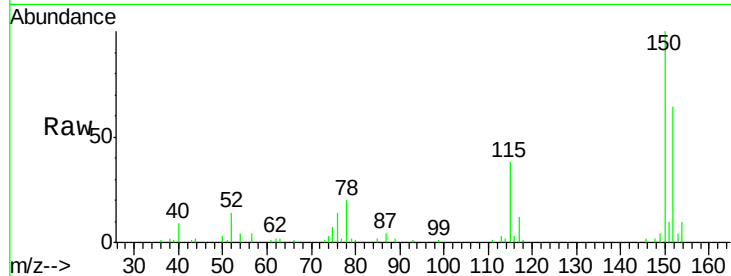
Tgt Ion:152 Resp: 21579

Ion Ratio Lower Upper

152 100

150 156.0 130.1 195.1

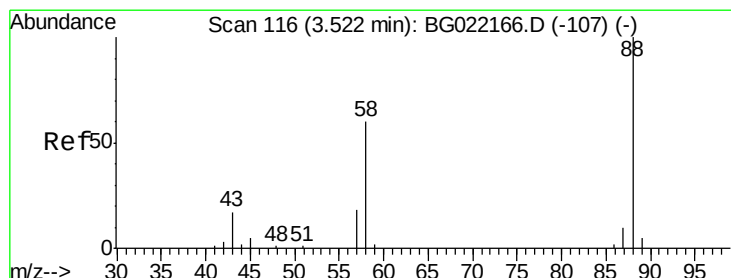
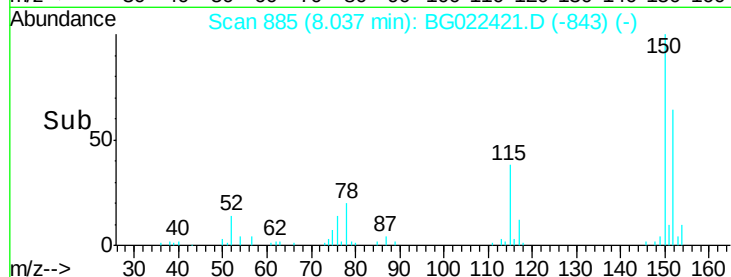
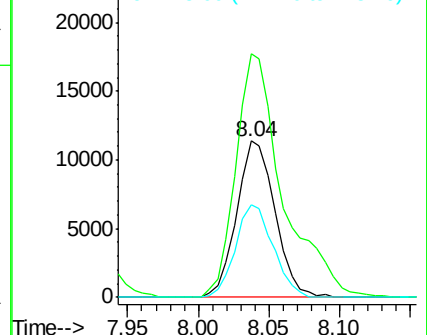
115 59.0 62.2 93.2#



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: 33.07 ng

RT: 3.40 min Scan# 96

Delta R.T. -0.07 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

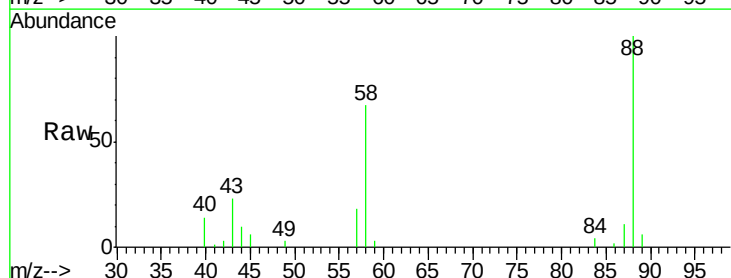
Tgt Ion: 88 Resp: 17696

Ion Ratio Lower Upper

88 100

58 63.1 36.8 55.2#

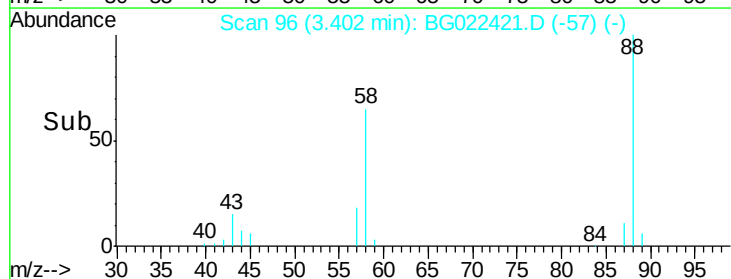
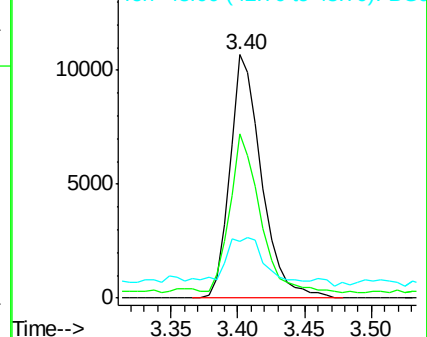
43 21.2 10.4 15.6#

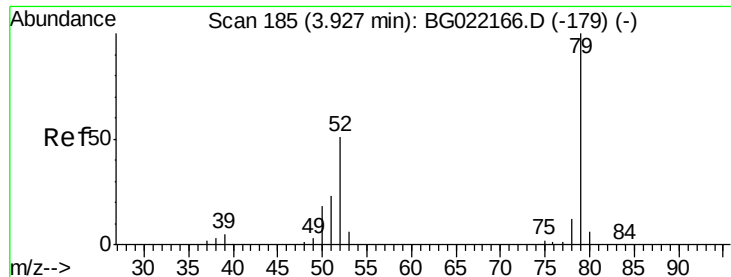


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.37 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.07 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

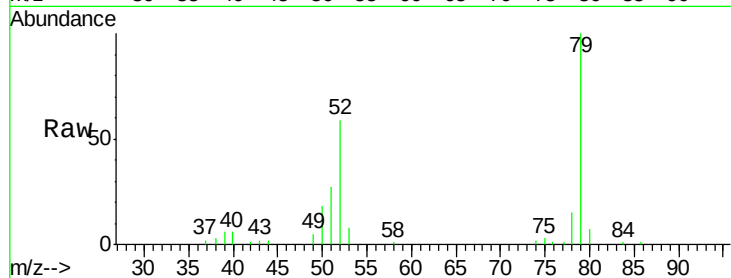
Tgt Ion: 79 Resp: 51147

Ion Ratio Lower Upper

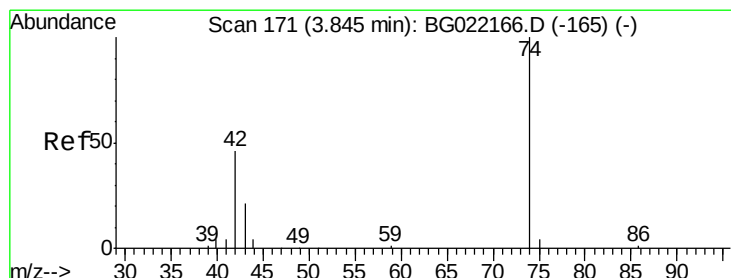
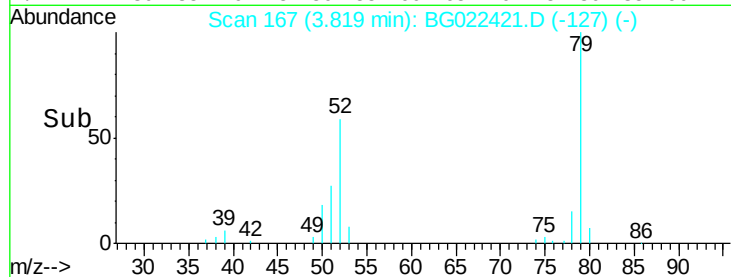
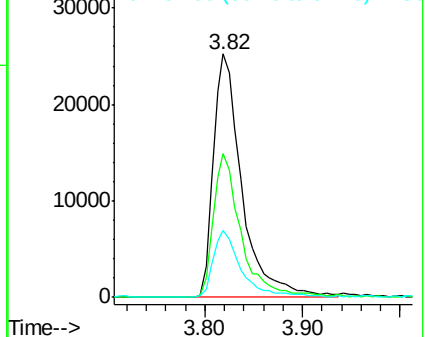
79 100

52 58.8 41.6 62.4

51 27.3 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 49.52 ng

RT: 3.74 min Scan# 153

Delta R.T. -0.07 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

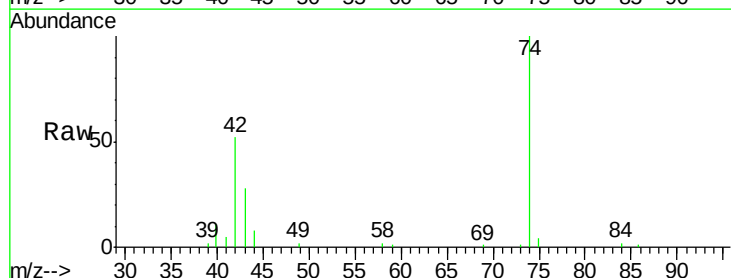
Tgt Ion: 42 Resp: 16013

Ion Ratio Lower Upper

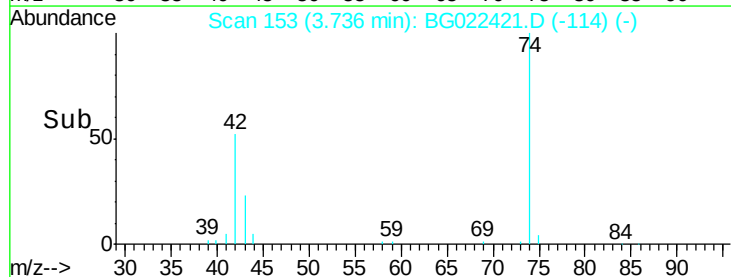
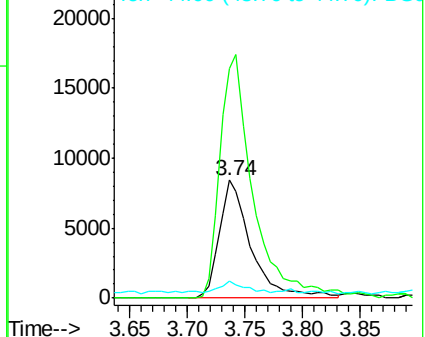
42 100

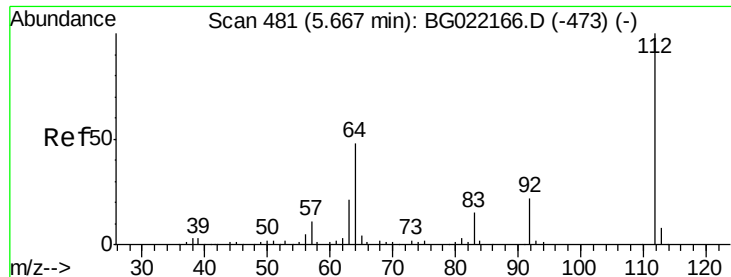
74 194.1 184.0 276.0

44 14.6 11.0 16.6



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





#5

2-Fluorophenol

Concen: 160.65 ng

RT: 5.60 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

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PB91389BS

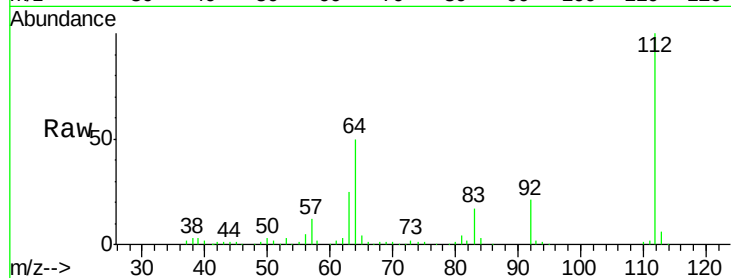
Tgt Ion: 112 Resp: 179298

Ion Ratio Lower Upper

112 100

64 49.8 51.1 76.7#

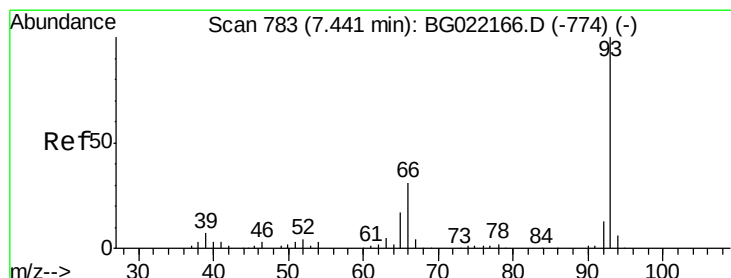
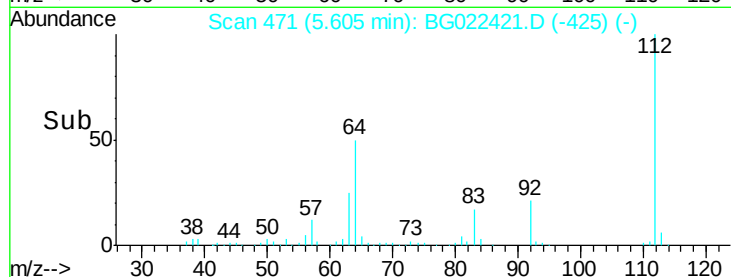
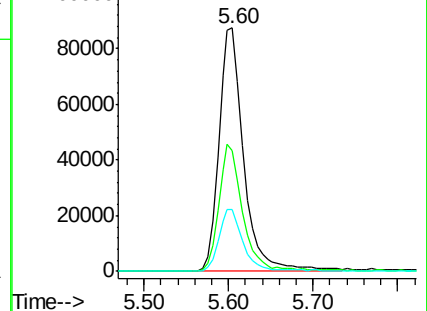
63 25.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.21 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

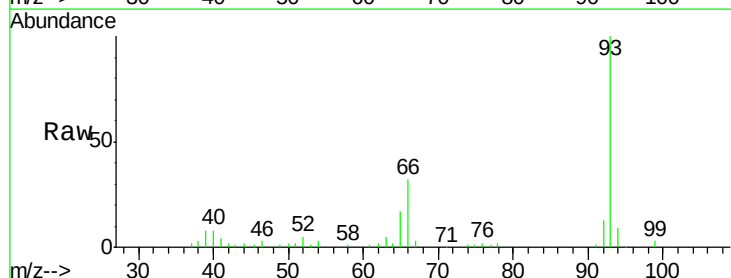
Tgt Ion: 93 Resp: 67342

Ion Ratio Lower Upper

93 100

66 31.7 36.3 54.5#

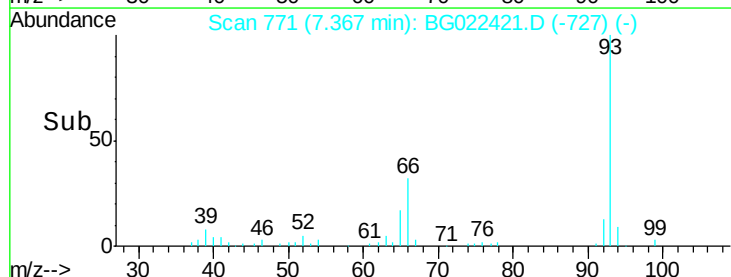
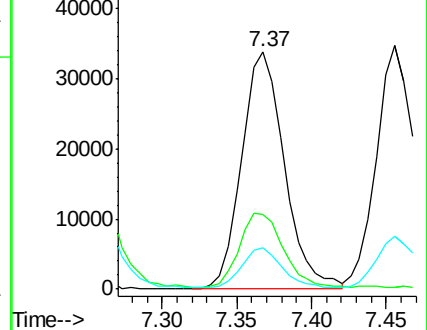
65 17.4 18.4 27.6#

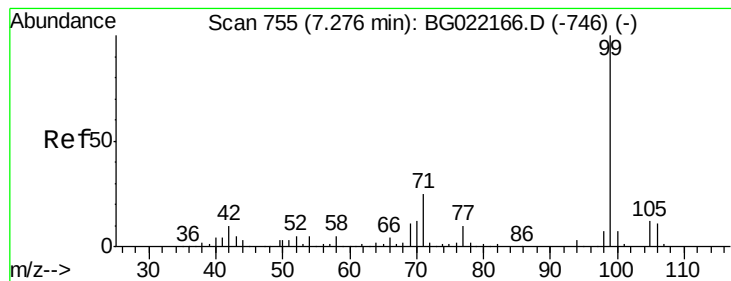


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 149.37 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

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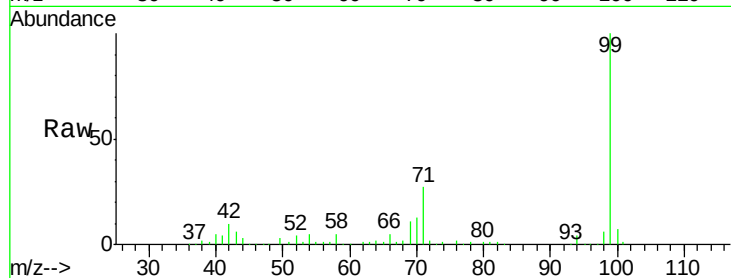
Tgt Ion: 99 Resp: 262110

Ion Ratio Lower Upper

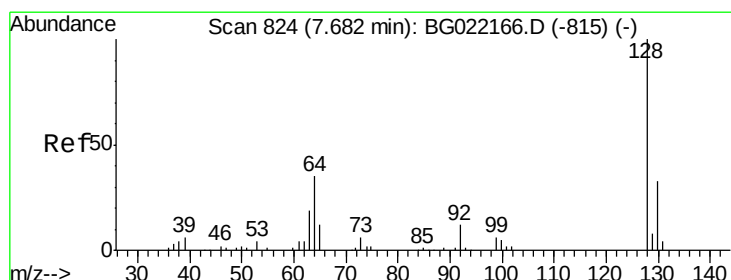
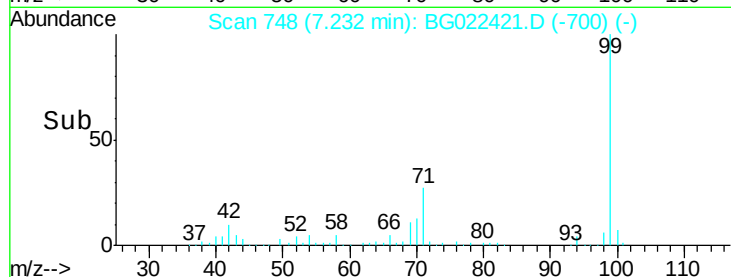
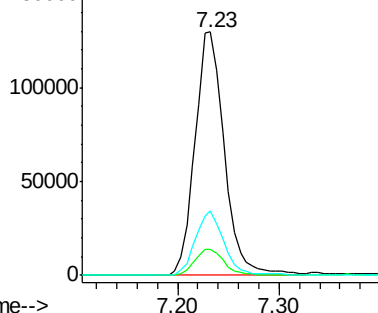
99 100

42 10.5 16.4 24.6#

71 26.7 25.0 37.4



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



#8

2-Chlorophenol

Concen: 48.84 ng

RT: 7.61 min Scan# 813

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

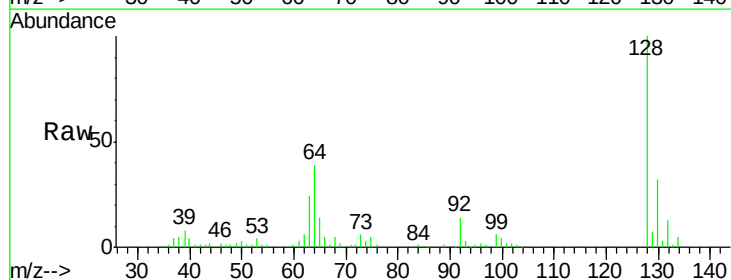
Tgt Ion: 128 Resp: 75339

Ion Ratio Lower Upper

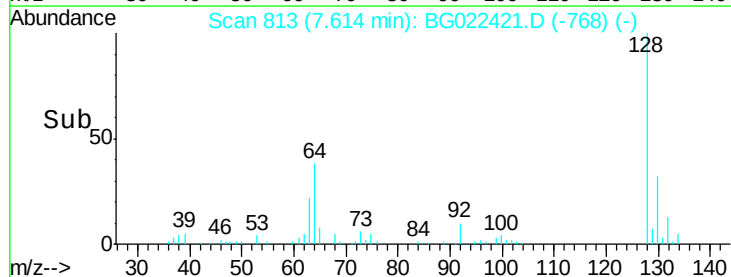
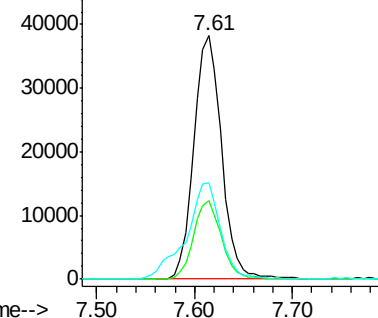
128 100

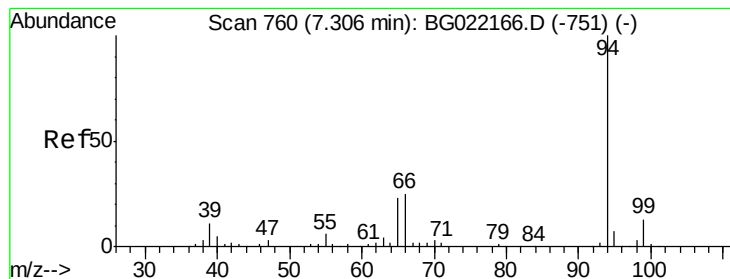
130 32.4 11.2 51.2

64 39.4 39.8 79.8#



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





#10

Phenol

Concen: 50.63 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

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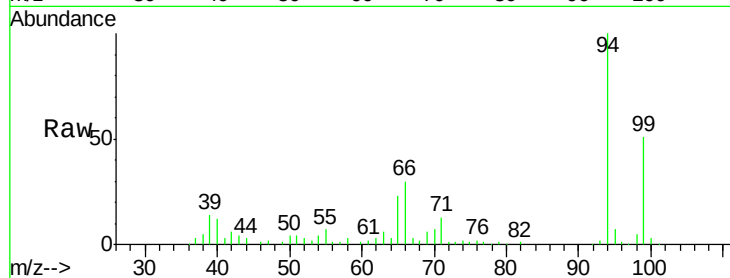
Tgt Ion: 94 Resp: 91598

Ion Ratio Lower Upper

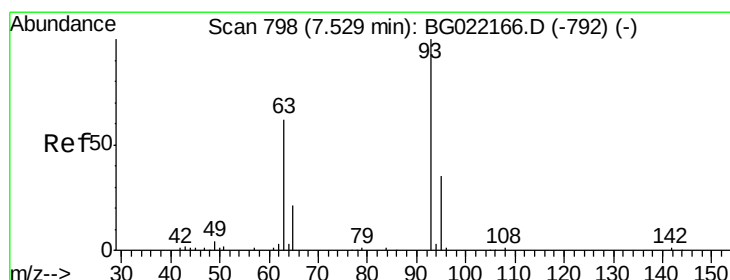
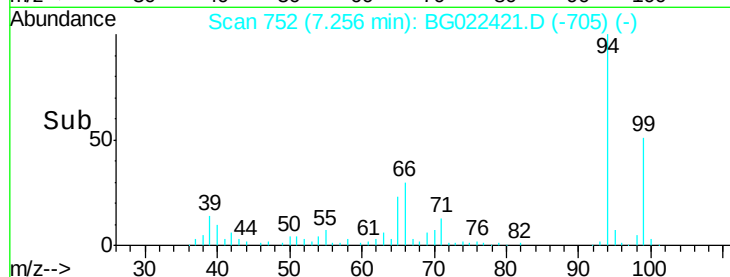
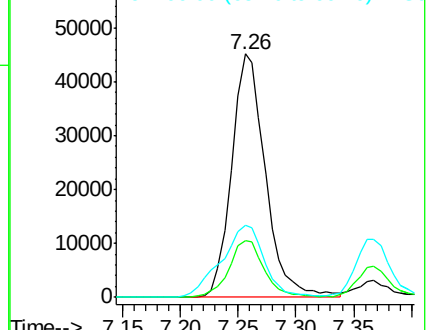
94 100

65 23.4 9.8 49.8

66 29.8 20.8 60.8



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



#11

bis(2-Chloroethyl)ether

Concen: 44.76 ng

RT: 7.46 min Scan# 786

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

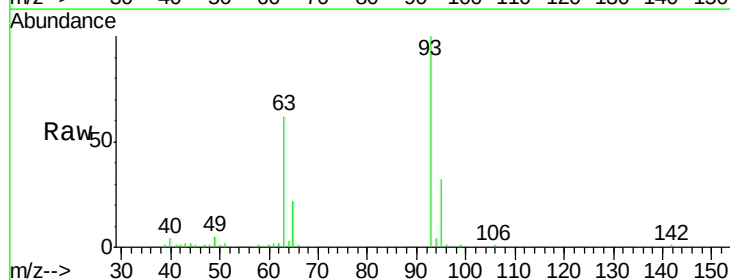
Tgt Ion: 93 Resp: 64571

Ion Ratio Lower Upper

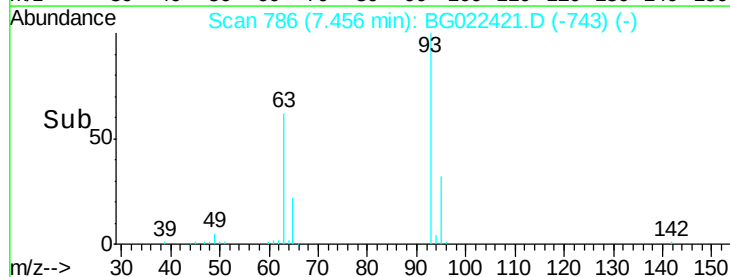
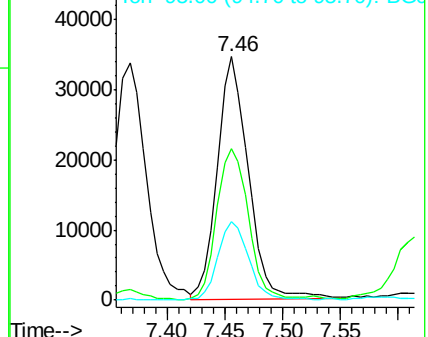
93 100

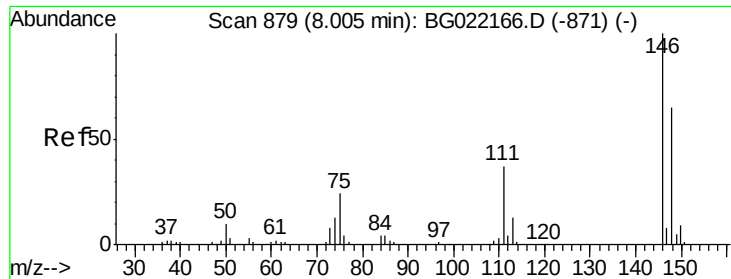
63 62.2 74.9 114.9#

95 32.4 8.3 48.3



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

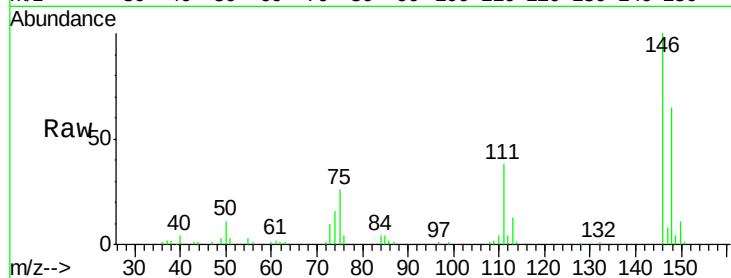




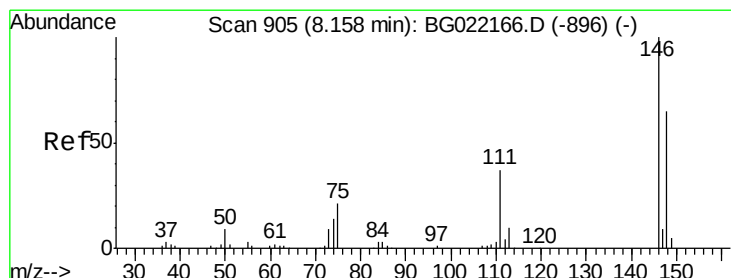
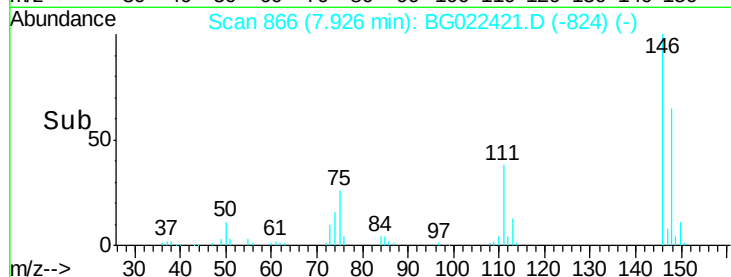
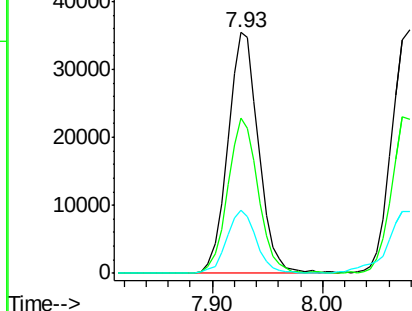
#12
 1,3-Dichlorobenzene
 Concen: 41.58 ng
 RT: 7.93 min Scan# 866
 Delta R.T. -0.05 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

Tgt Ion:146 Resp: 68757
 Ion Ratio Lower Upper
 146 100
 148 64.6 53.7 80.5
 75 26.5 27.4 41.0#

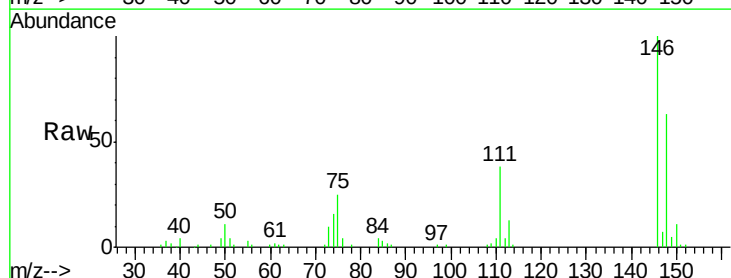


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

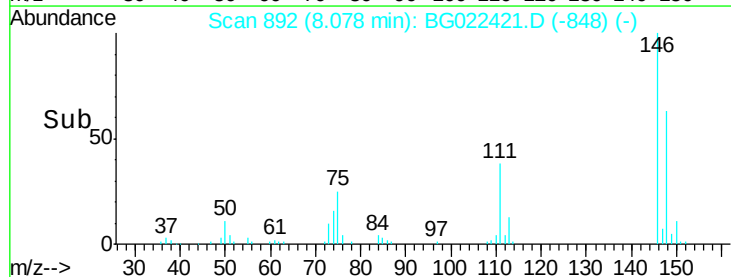
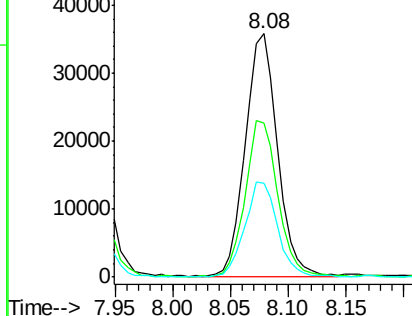


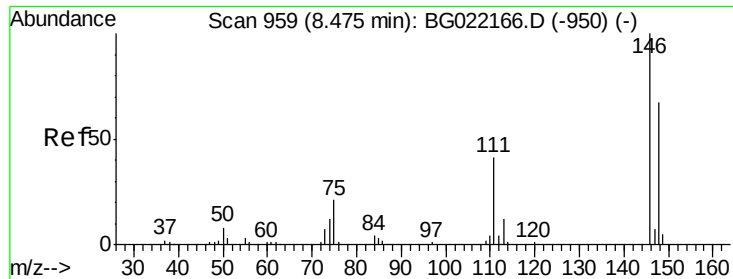
#13
 1,4-Dichlorobenzene
 Concen: 42.67 ng
 RT: 8.08 min Scan# 892
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:146 Resp: 70297
 Ion Ratio Lower Upper
 146 100
 148 63.3 46.7 70.1
 111 38.4 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

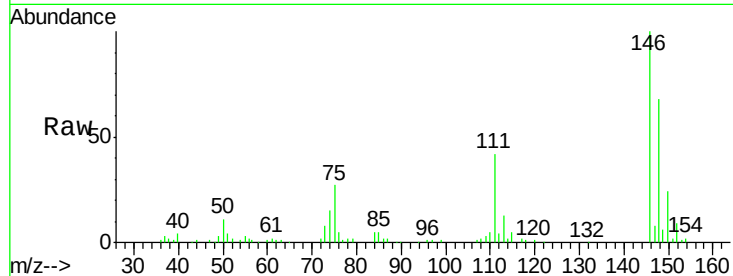




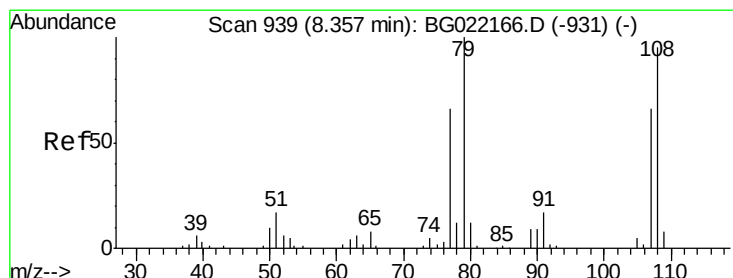
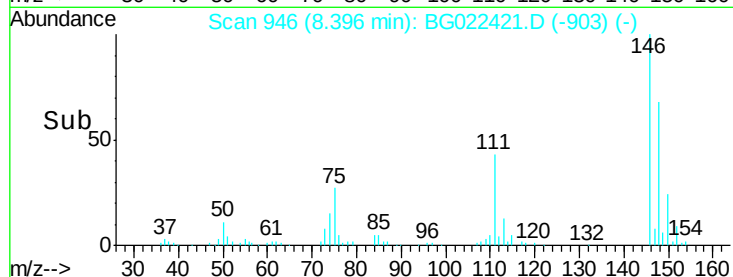
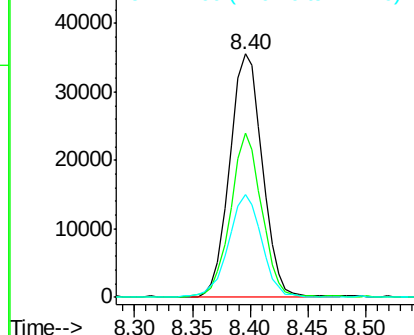
#14
1,2-Dichlorobenzene
Concen: 42.32 ng
RT: 8.40 min Scan# 946
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_G
ClientSampleId :
PB91389BS

Tgt Ion:146 Resp: 70281
Ion Ratio Lower Upper
146 100
148 67.7 52.6 79.0
111 42.3 36.1 54.1

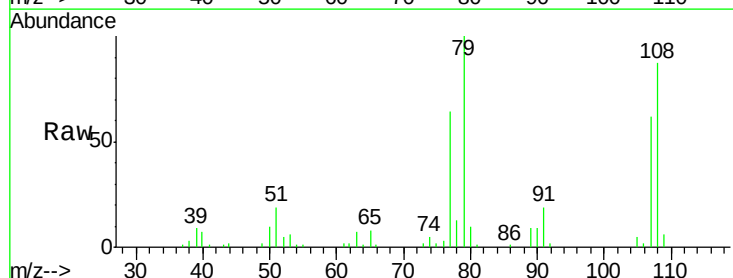


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

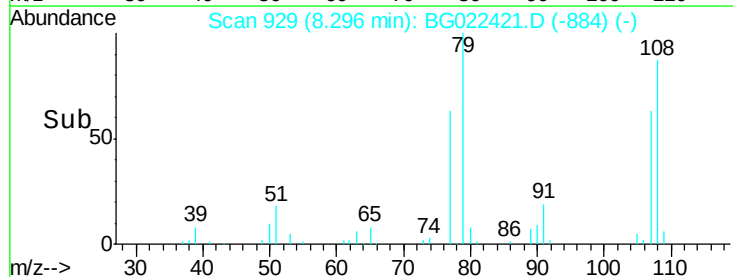
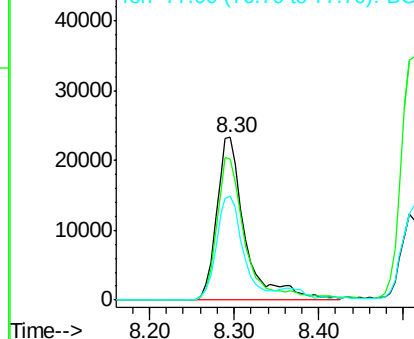


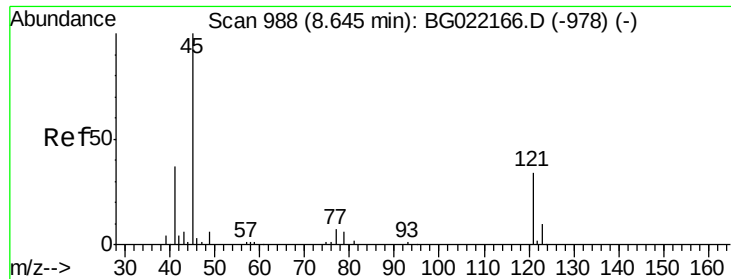
#15
Benzyl Alcohol
Concen: 48.60 ng
RT: 8.30 min Scan# 929
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion: 79 Resp: 55106
Ion Ratio Lower Upper
79 100
108 86.8 59.4 89.0
77 63.5 52.2 78.2



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

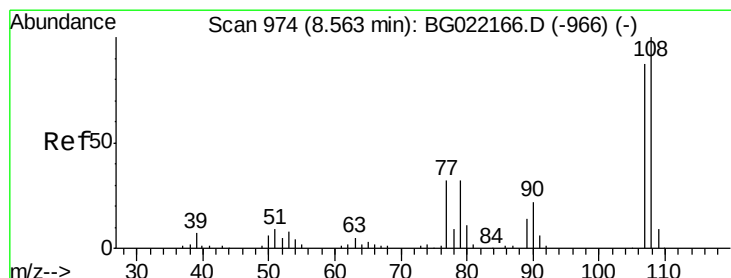
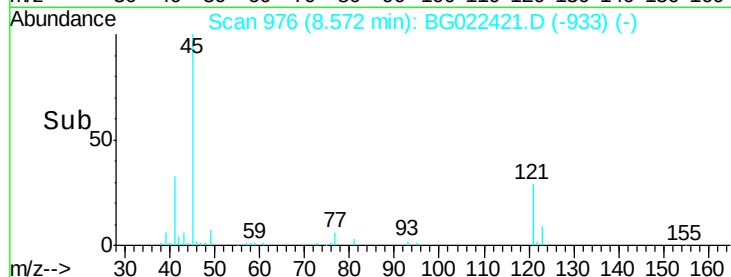
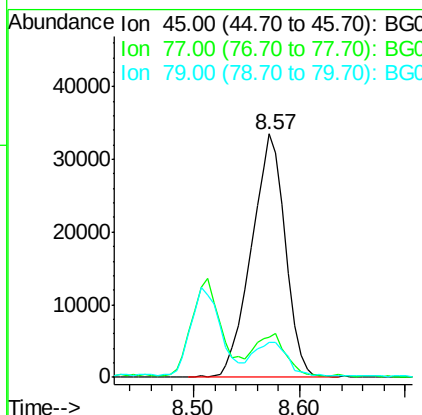
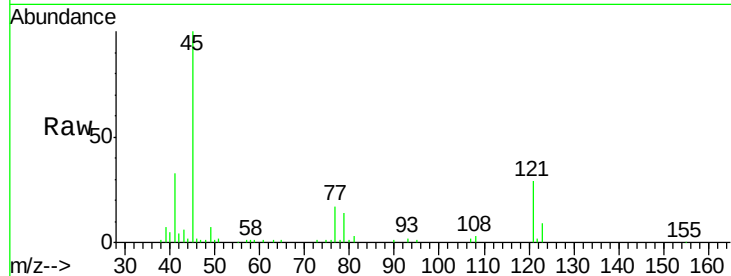




#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.65 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

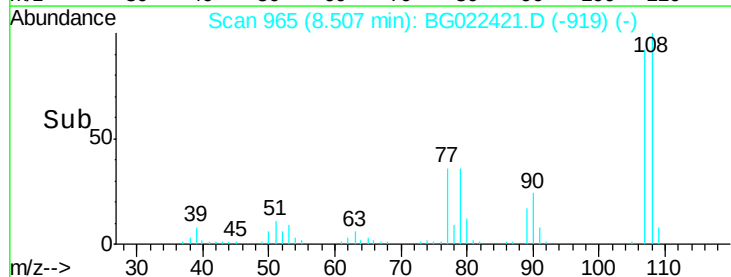
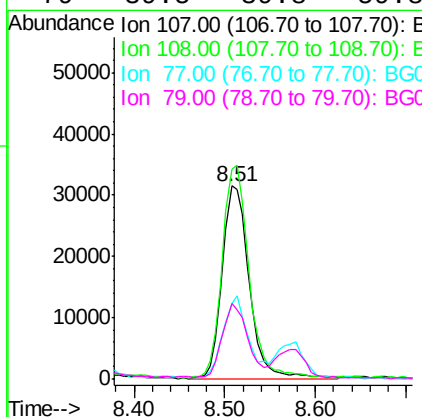
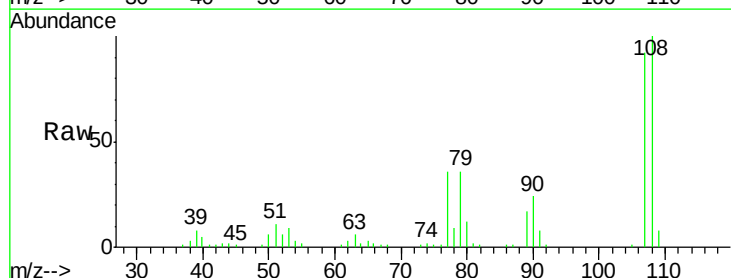
Instrument :
BNA_G
ClientSampleId :
PB91389BS

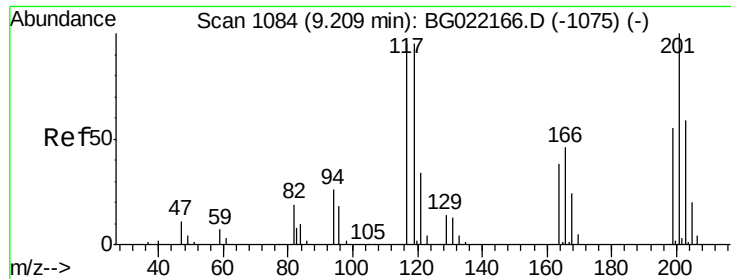
Tgt Ion: 45 Resp: 74307
Ion Ratio Lower Upper
45 100
77 16.6 0.0 31.2
79 14.3 0.0 29.0



#17
2-Methylphenol
Concen: 48.86 ng
RT: 8.51 min Scan# 965
Delta R.T. -0.03 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion: 107 Resp: 65970
Ion Ratio Lower Upper
107 100
108 109.2 80.2 120.4
77 39.4 40.7 61.1#
79 39.5 39.8 59.8#

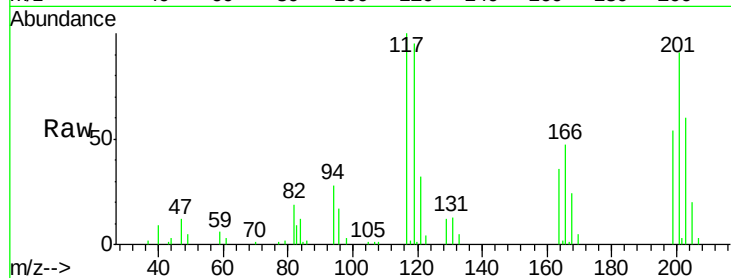




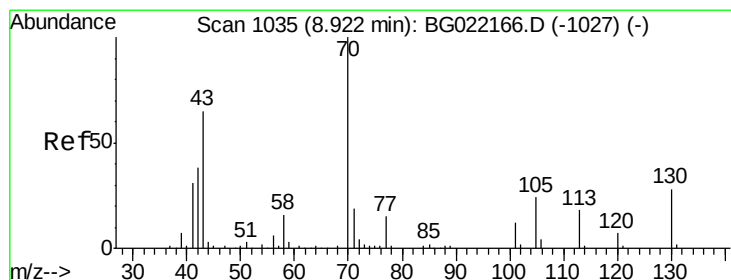
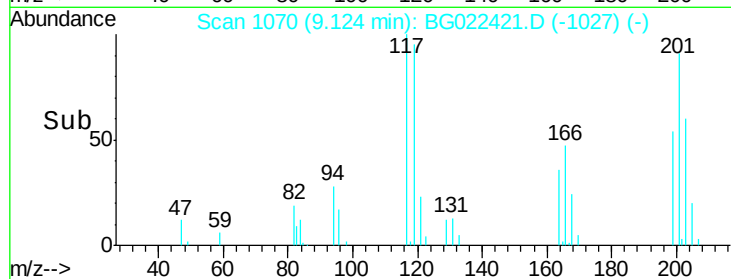
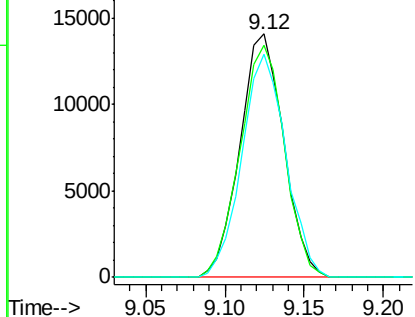
#18
Hexachloroethane
Concen: 44.84 ng
RT: 9.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_G
ClientSampleId :
PB91389BS

Tgt Ion: 117 Resp: 26975
Ion Ratio Lower Upper
117 100
119 95.4 63.9 95.9
201 94.8 61.2 91.8#

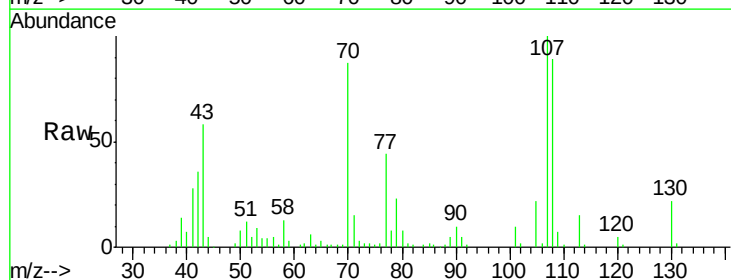


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

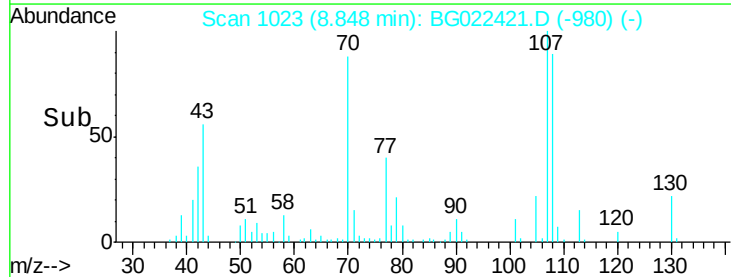
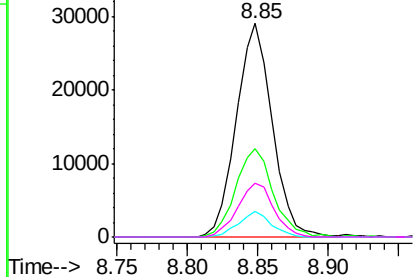


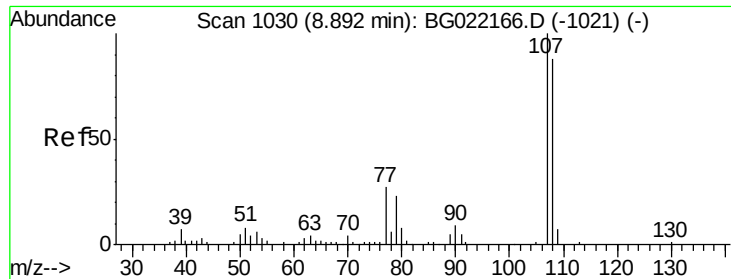
#19
n-Nitroso-di-n-propylamine
Concen: 43.55 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion: 70 Resp: 51734
Ion Ratio Lower Upper
70 100
42 41.5 56.7 85.1#
101 12.1 8.2 12.4
130 25.2 14.0 21.0#



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

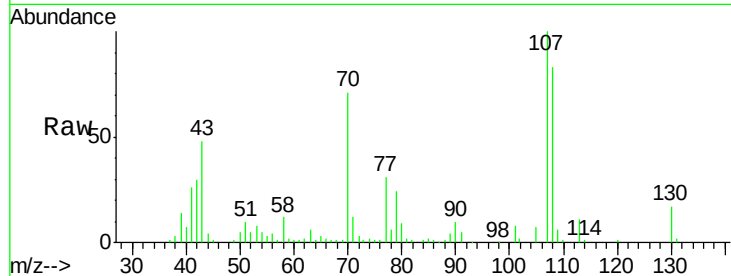




#20
3+4-Methylphenols
Concen: 45.49 ng
RT: 8.84 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_G
ClientSampleId :
PB91389BS

Tgt Ion:	107	Resp:	88100
Ion	Ratio	Lower	Upper
107	100		
108	82.7	66.2	106.2
77	31.1	11.5	51.5
79	23.6	5.6	45.6



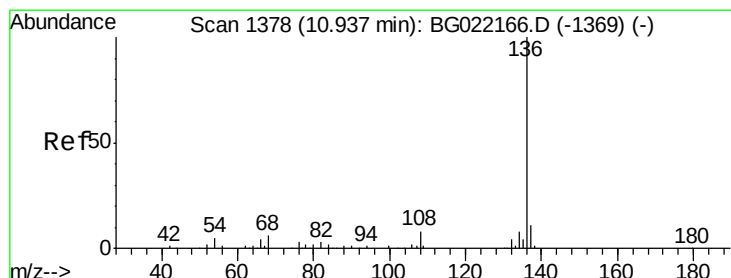
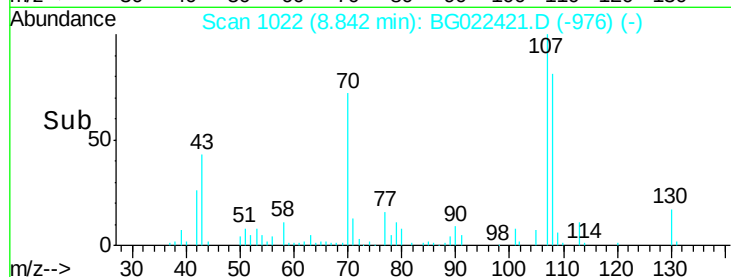
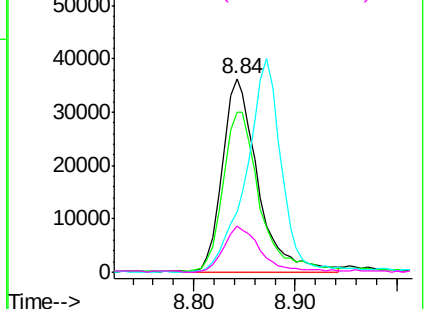
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

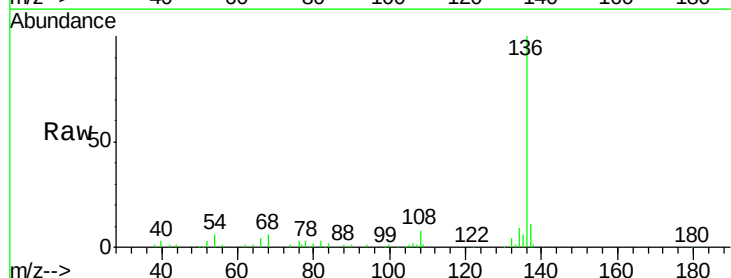
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion:	136	Resp:	107927
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.2	9.6	14.4#
68	5.6	6.4	9.6#



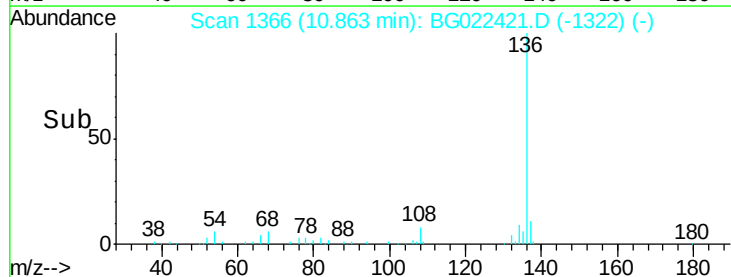
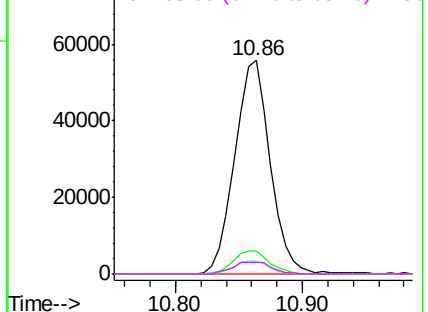
Abundance

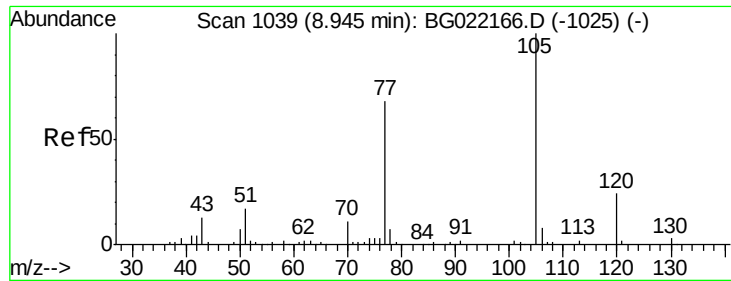
Ion 136.00 (135.70 to 136.70): E

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: 43.16 ng

RT: 8.87 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

Tgt Ion: 105 Resp: 100383

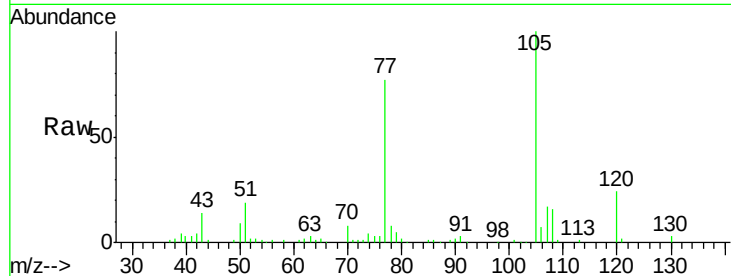
Ion Ratio Lower Upper

105 100

71 1.4 0.0 0.0#

51 18.7 25.7 38.5#

120 23.8 17.0 25.6

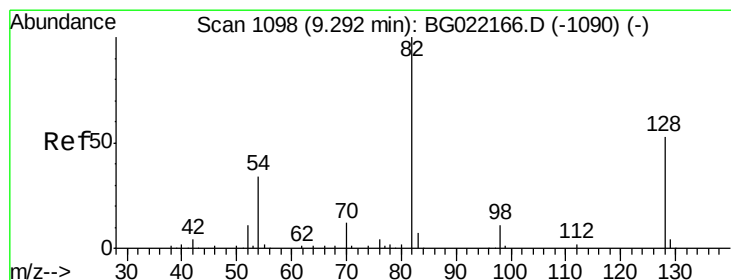
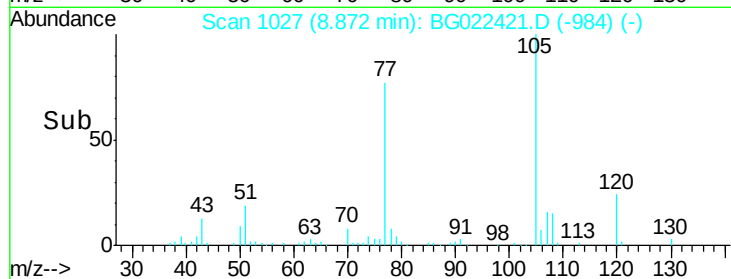
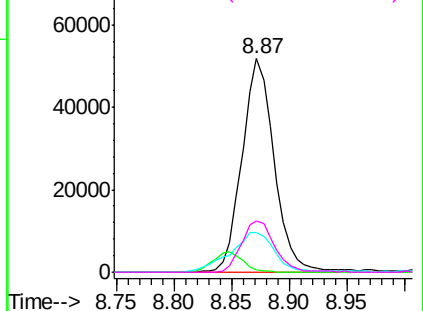


Abundance Ion 105.00 (104.70 to 105.70): E

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: 92.19 ng

RT: 9.22 min Scan# 1086

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

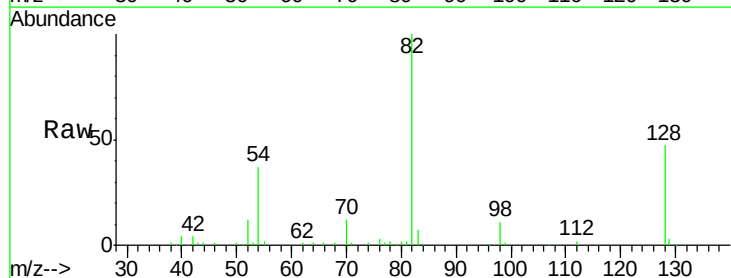
Tgt Ion: 82 Resp: 142723

Ion Ratio Lower Upper

82 100

128 46.7 33.4 50.0

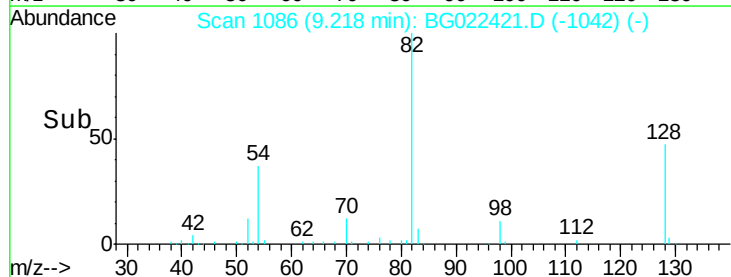
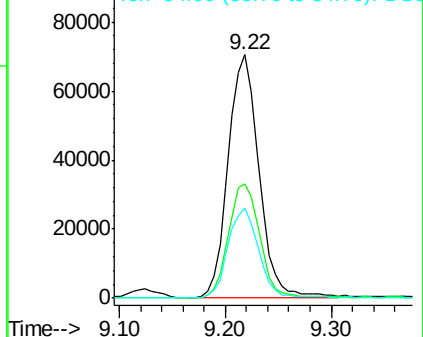
54 37.1 46.1 69.1#

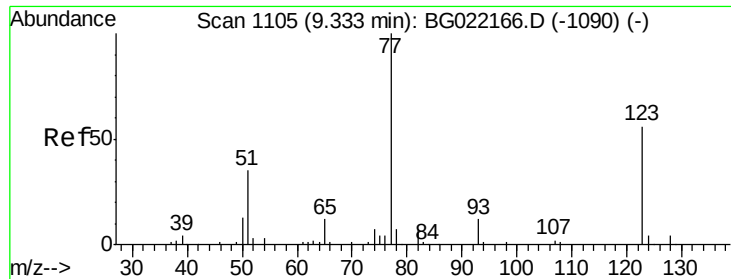


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

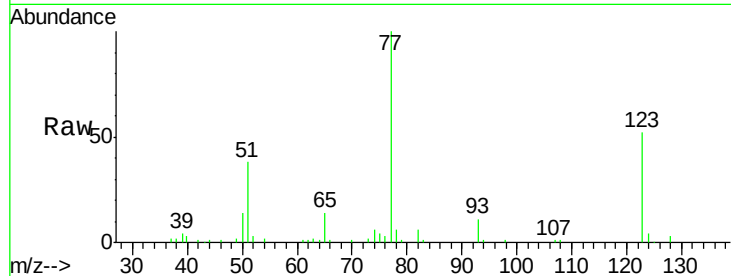




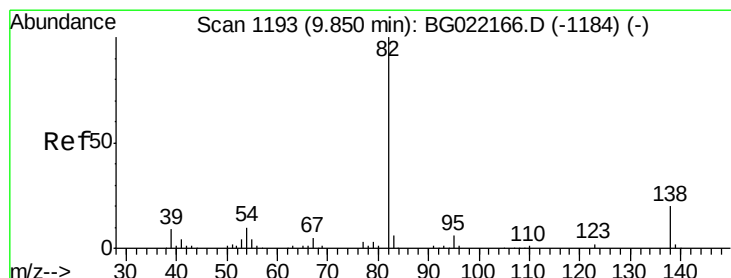
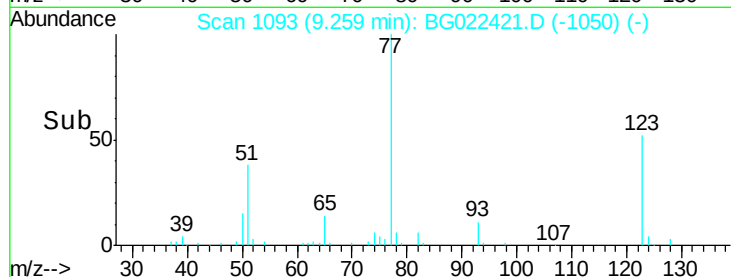
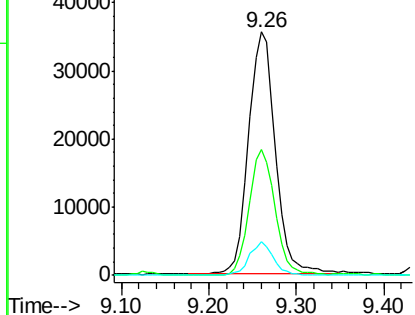
#24
 Nitrobenzene
 Concen: 47.56 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

Tgt Ion: 77 Resp: 74038
 Ion Ratio Lower Upper
 77 100
 123 51.7 32.2 48.4#
 65 13.7 10.3 15.5

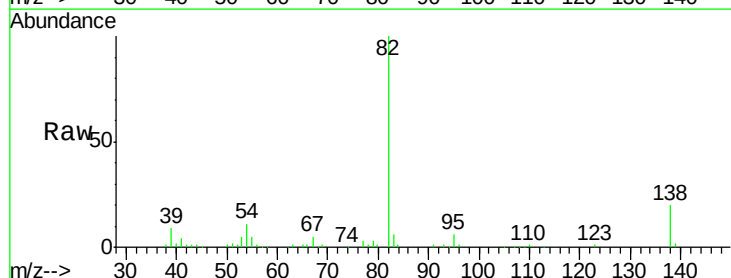


Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

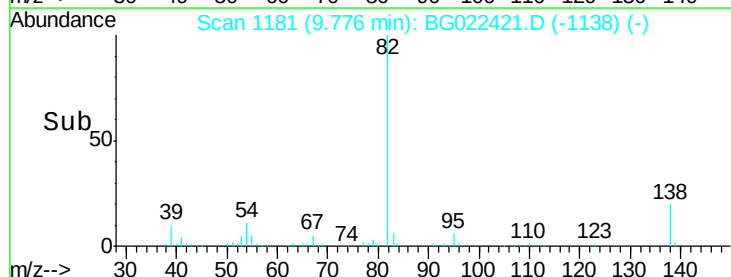
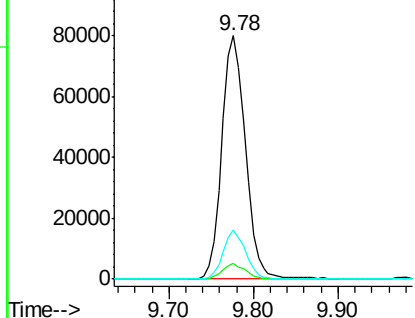


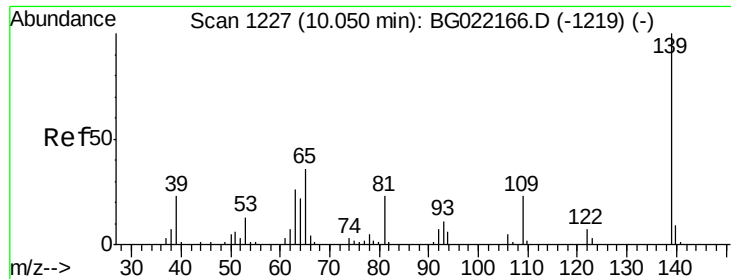
#25
 Isophorone
 Concen: 43.02 ng
 RT: 9.78 min Scan# 1181
 Delta R.T. -0.05 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion: 82 Resp: 155820
 Ion Ratio Lower Upper
 82 100
 95 6.3 6.0 9.0
 138 20.0 13.4 20.0



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

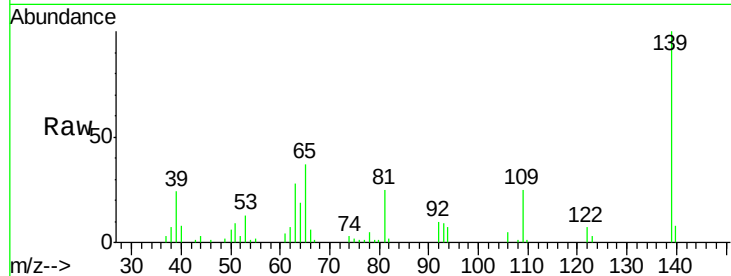




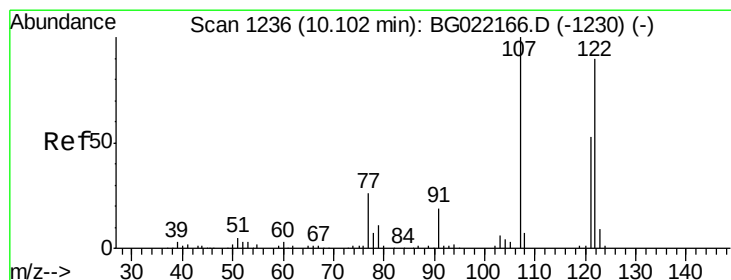
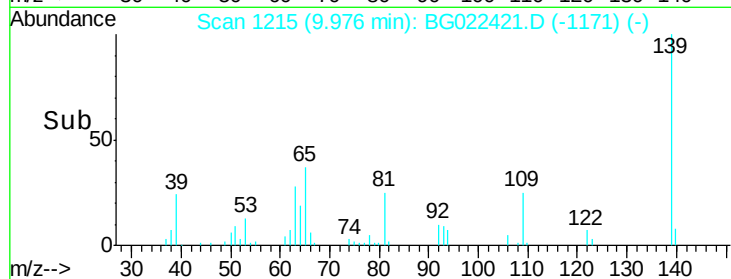
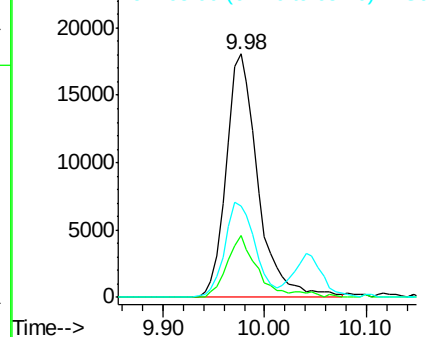
#26
 2-Nitrophenol
 Concen: 46.45 ng
 RT: 9.98 min Scan# 1215
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.2	26.6	40.0#
65	37.5	45.3	67.9#

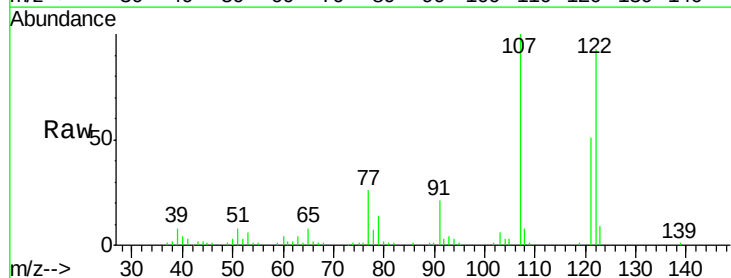


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

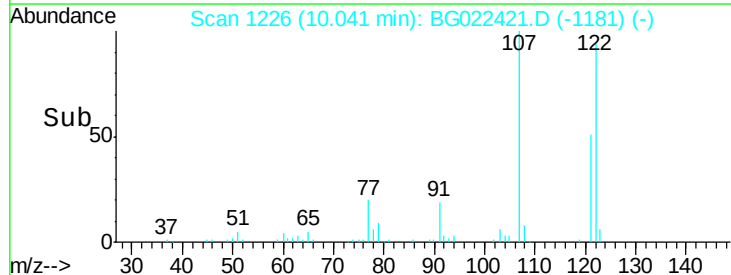
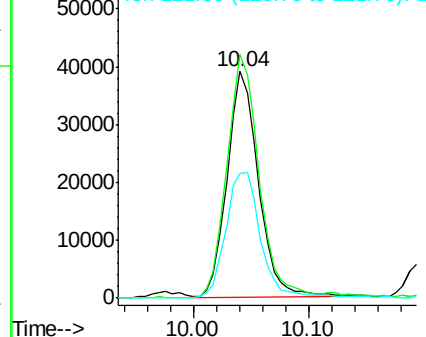


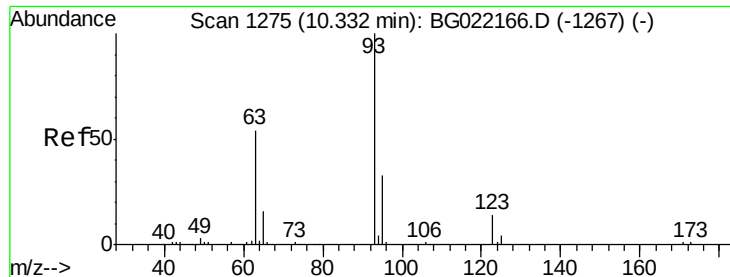
#27
 2,4-Dimethylphenol
 Concen: 47.99 ng
 RT: 10.04 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.4	97.2	145.8
121	55.0	49.0	73.4



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

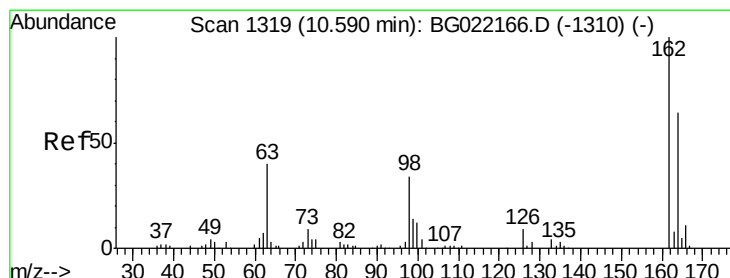
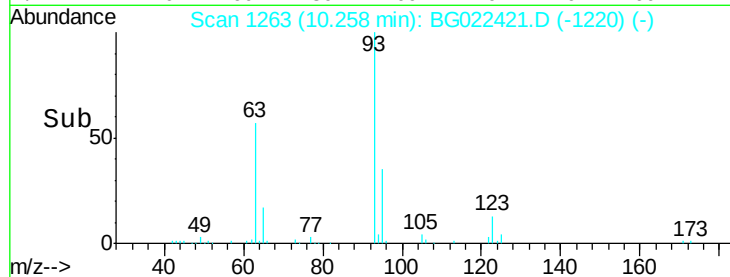
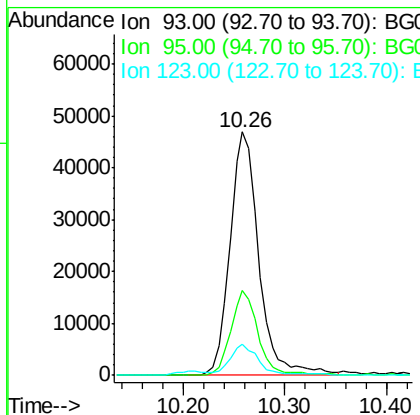
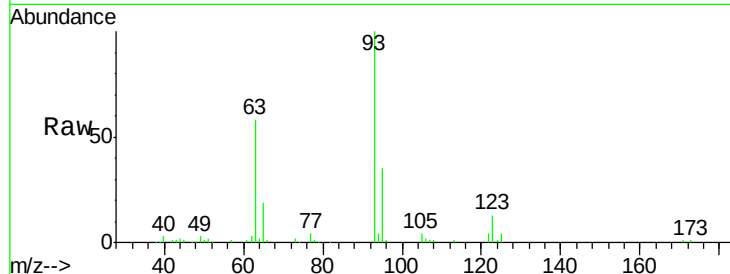




#28
bis(2-Chloroethoxy)methane
Concen: 44.53 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

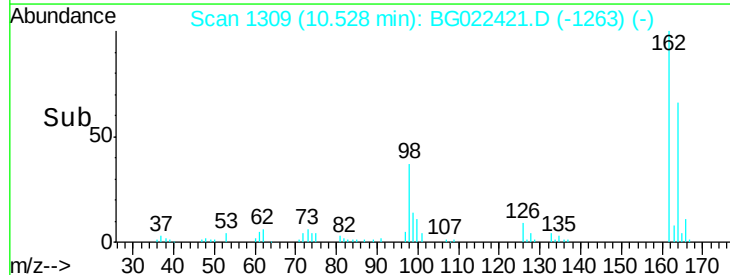
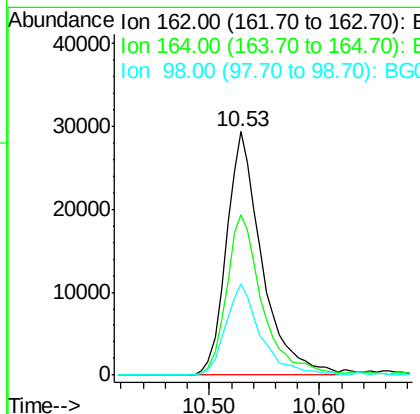
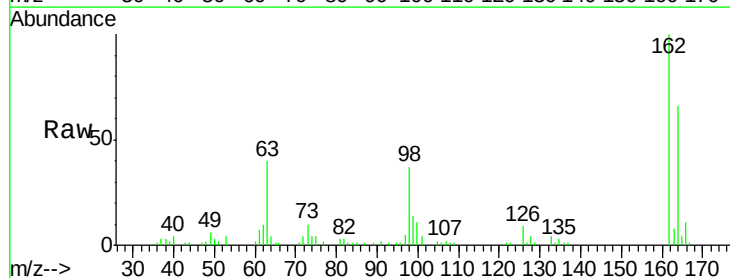
Instrument :
BNA_G
ClientSampleId :
PB91389BS

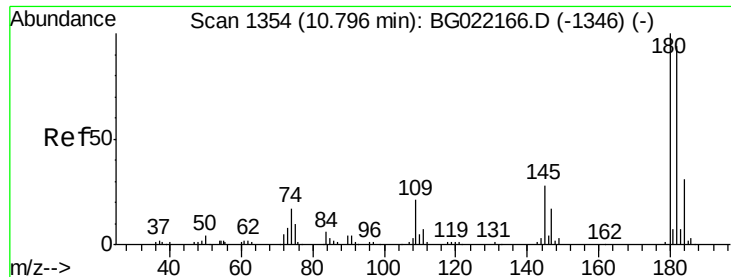
Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	30.1	45.1
123	12.8	10.2	15.4



#29
2,4-Dichlorophenol
Concen: 46.46 ng
RT: 10.53 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.9	84.9
98	37.3	19.2	59.2

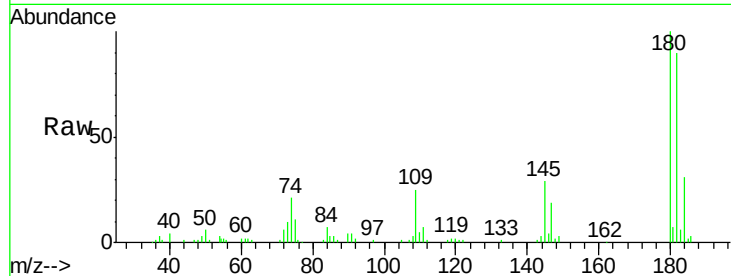




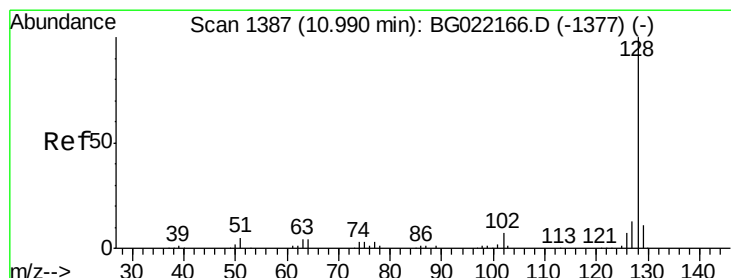
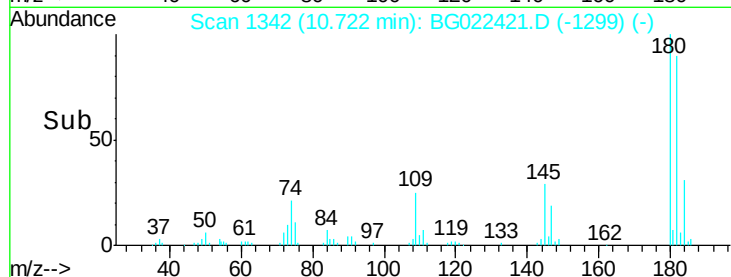
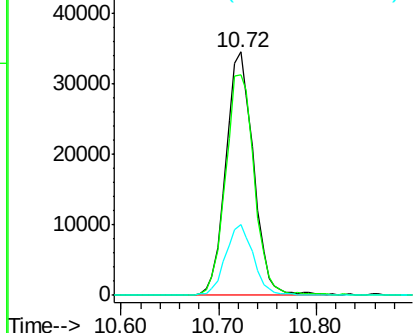
#30
 1,2,4-Trichlorobenzene
 Concen: 42.87 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.05 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

Tgt Ion:180 Resp: 67796
 Ion Ratio Lower Upper
 180 100
 182 90.4 82.3 123.5
 145 28.8 24.4 36.6

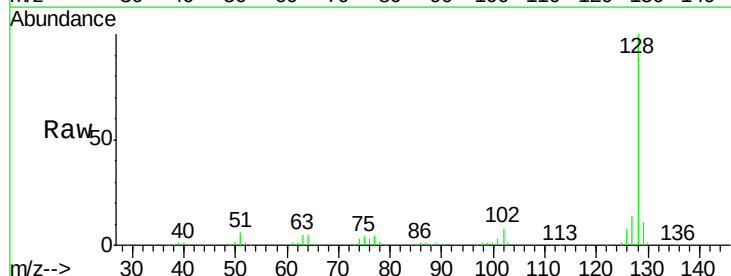


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

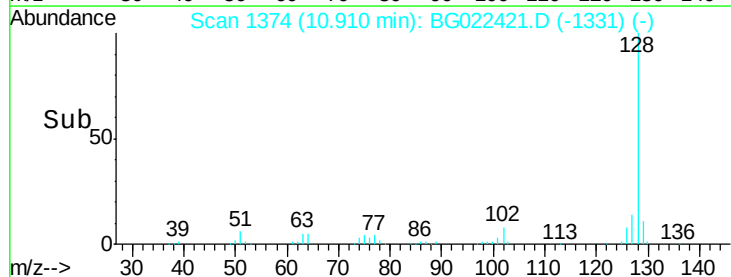
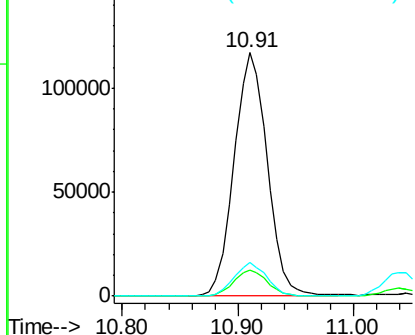


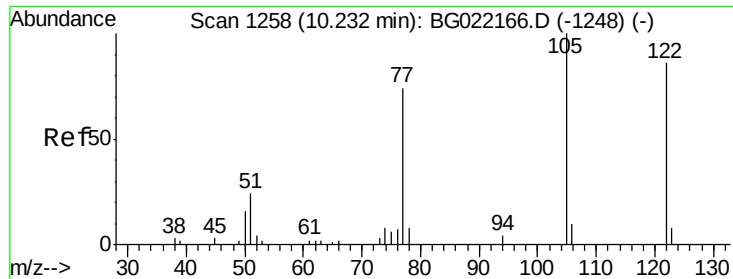
#31
 Naphthalene
 Concen: 43.35 ng
 RT: 10.91 min Scan# 1374
 Delta R.T. -0.05 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:128 Resp: 233547
 Ion Ratio Lower Upper
 128 100
 129 10.9 7.0 10.6#
 127 13.9 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 46.84 ng

RT: 10.21 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

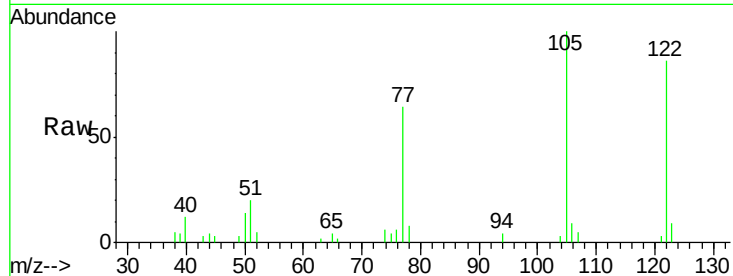
Tgt Ion:122 Resp: 24293

Ion Ratio Lower Upper

122 100

105 115.8 104.5 144.5

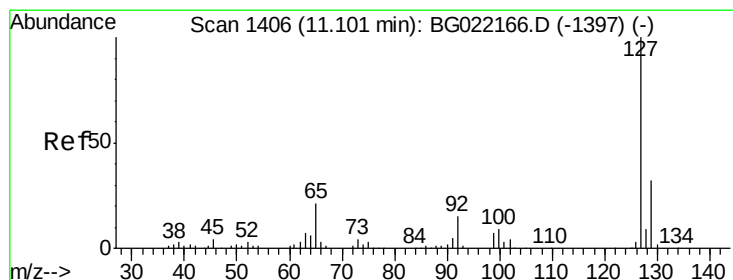
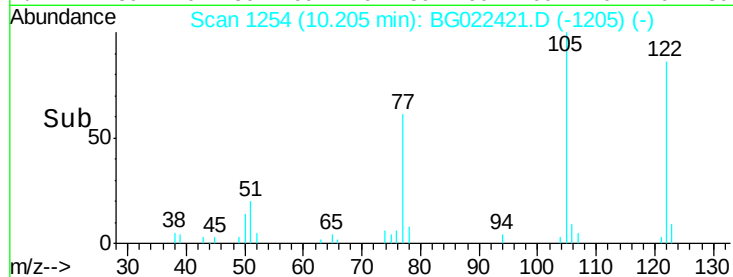
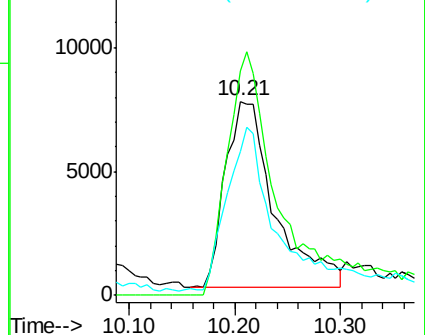
77 73.9 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 13.15 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.03 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Tgt Ion:127 Resp: 29449

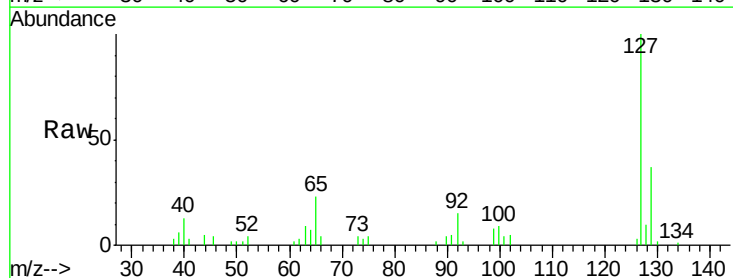
Ion Ratio Lower Upper

127 100

129 36.9 26.6 39.8

65 23.2 27.5 41.3#

92 15.3 14.7 22.1

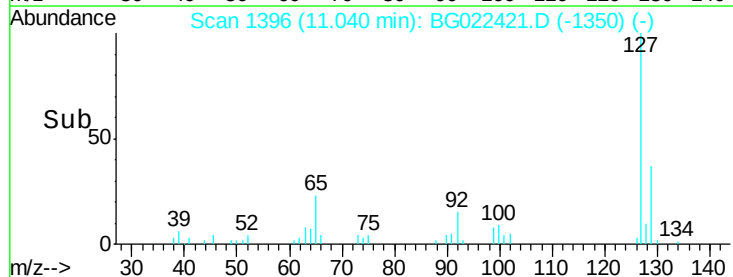
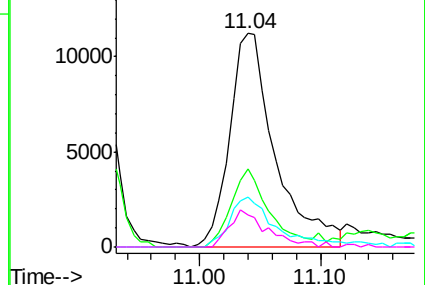


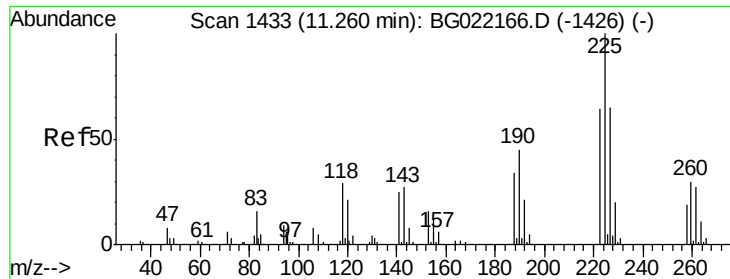
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#34

Hexachlorobutadiene

Concen: 42.49 ng

RT: 11.18 min Scan# 1420

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

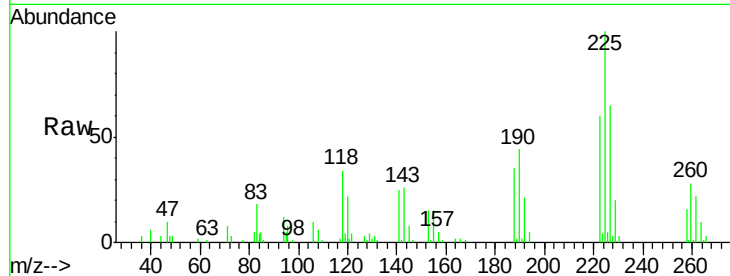
Tgt Ion: 225 Resp: 36079

Ion Ratio Lower Upper

225 100

223 60.8 52.7 79.1

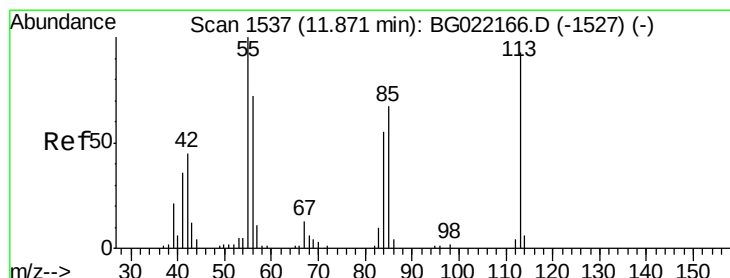
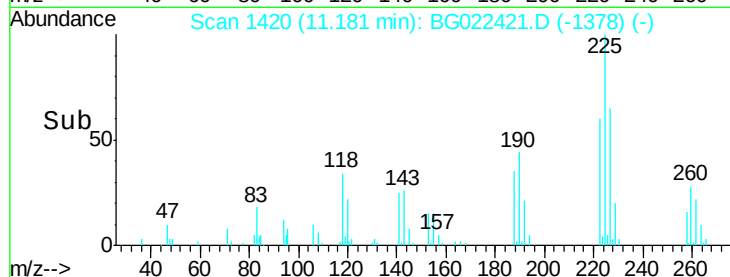
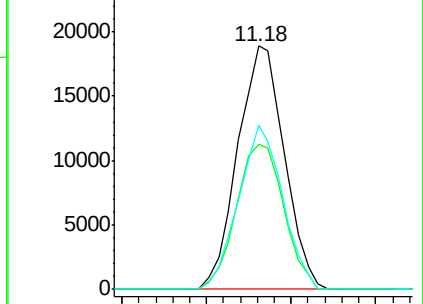
227 64.1 49.7 74.5



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: 22.23 ng

RT: 11.80 min Scan# 1526

Delta R.T. -0.06 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

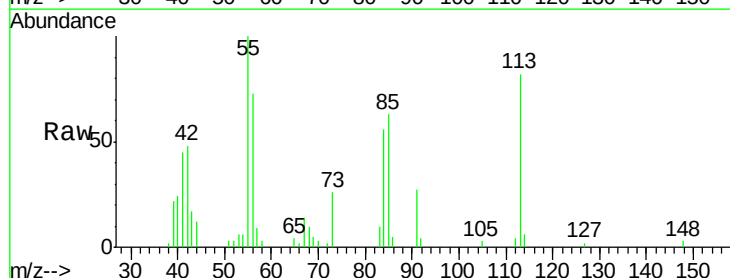
Tgt Ion: 113 Resp: 17262

Ion Ratio Lower Upper

113 100

55 121.2 194.2 234.2#

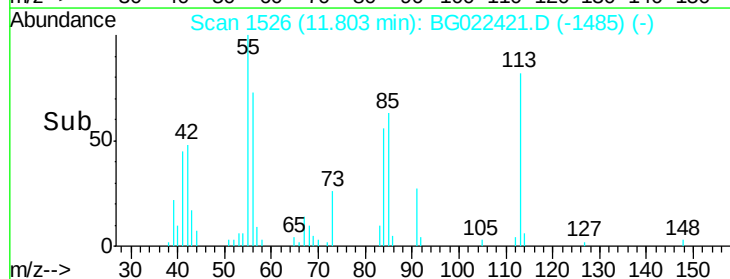
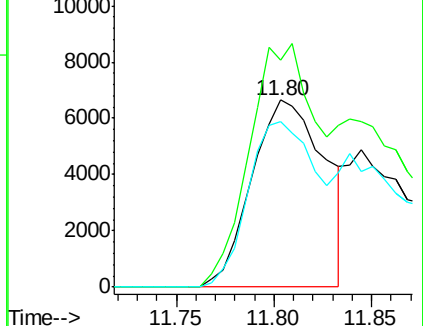
56 88.2 122.6 162.6#

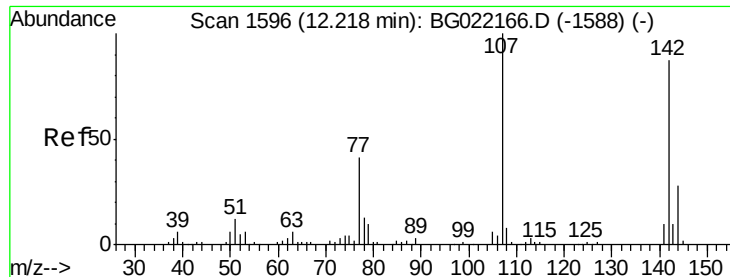


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

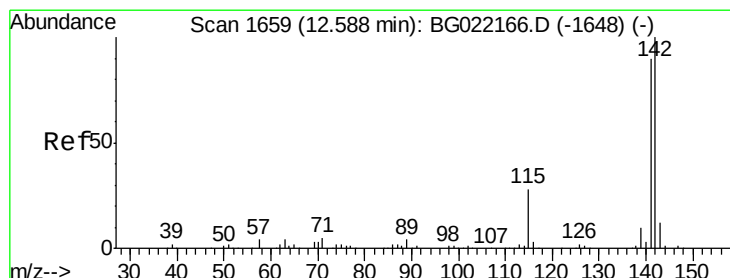
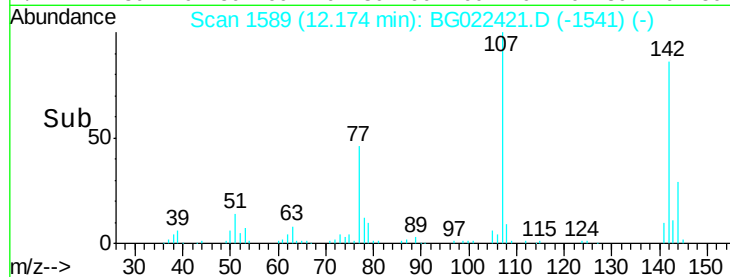
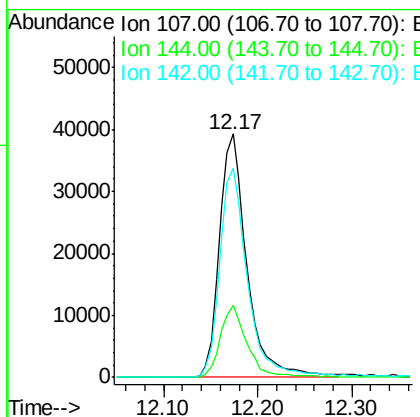
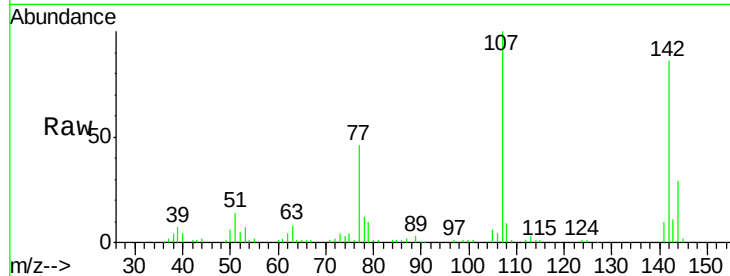




#36
 4-Chloro-3-methylphenol
 Concen: 47.81 ng
 RT: 12.17 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

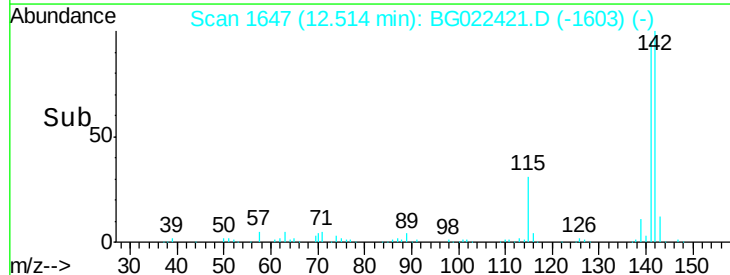
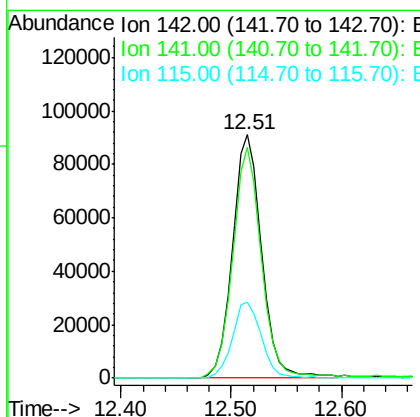
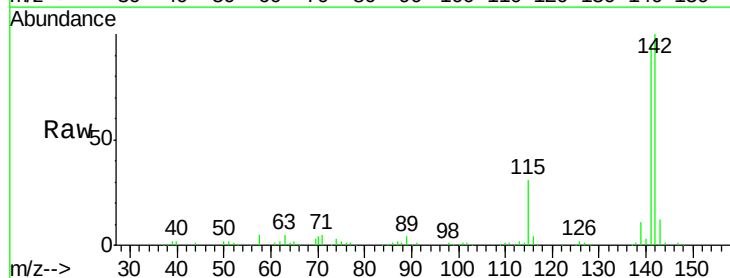
Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

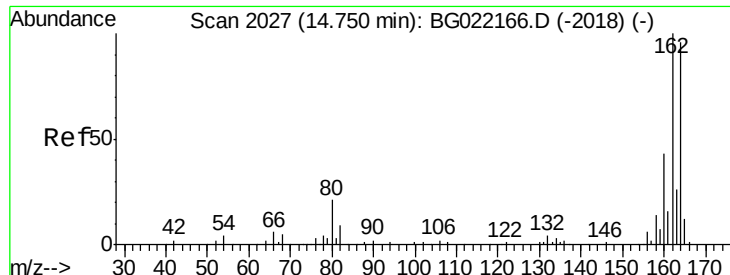
Tgt Ion:107 Resp: 80205
 Ion Ratio Lower Upper
 107 100
 144 29.4 19.2 28.8#
 142 85.7 59.1 88.7



#37
 2-Methylnaphthalene
 Concen: 42.32 ng
 RT: 12.51 min Scan# 1647
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:142 Resp: 168319
 Ion Ratio Lower Upper
 142 100
 141 94.6 71.4 107.0
 115 31.1 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

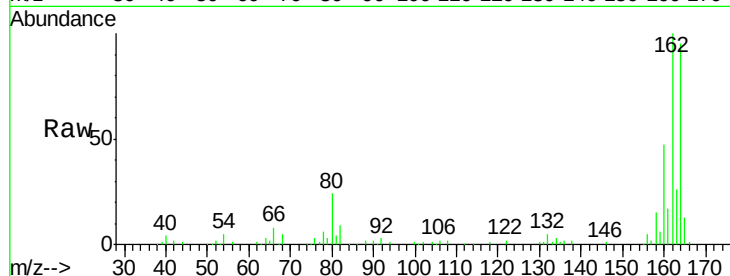
Tgt Ion:164 Resp: 65905

Ion Ratio Lower Upper

164 100

162 104.8 78.0 117.0

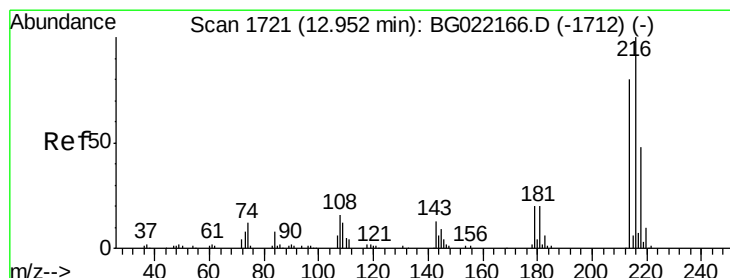
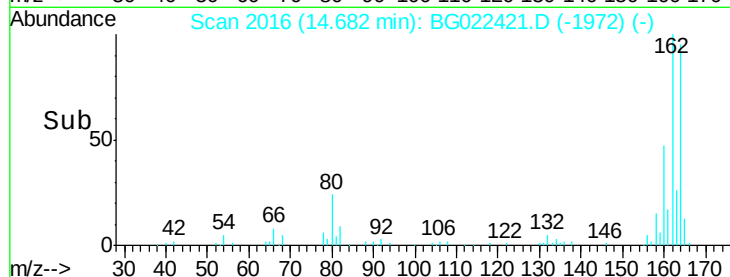
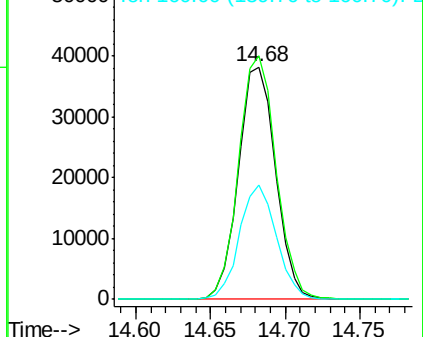
160 49.2 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.03 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Tgt Ion:216 Resp: 69605

Ion Ratio Lower Upper

216 100

214 80.3 62.2 93.2

179 22.8 16.7 25.1

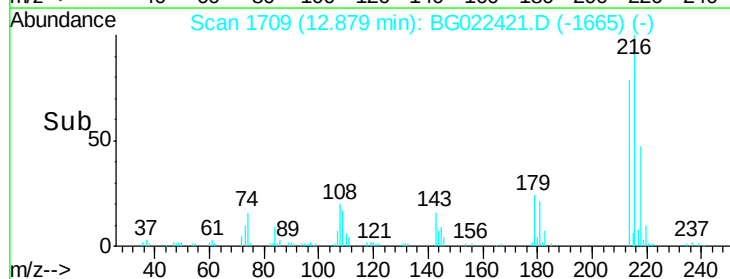
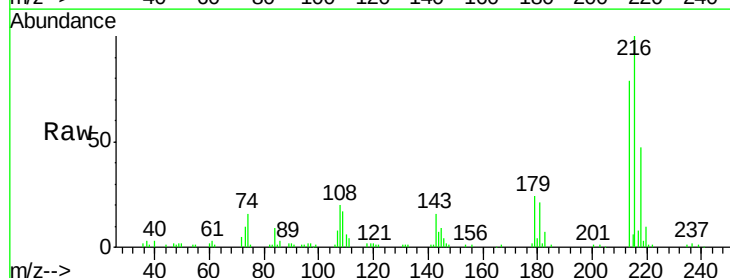
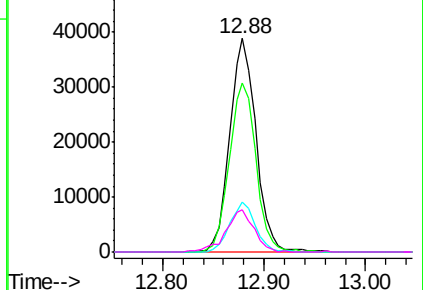
108 21.1 14.0 21.0#

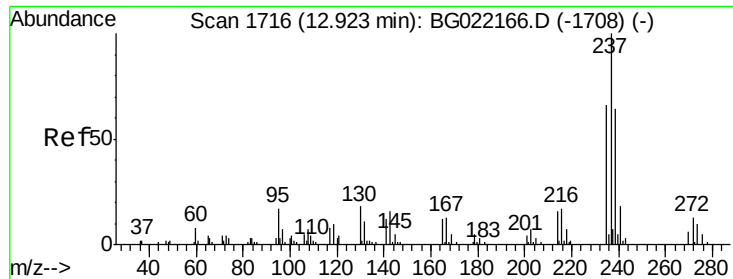
Abundance Ion 216.00 (215.70 to 216.70): E

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

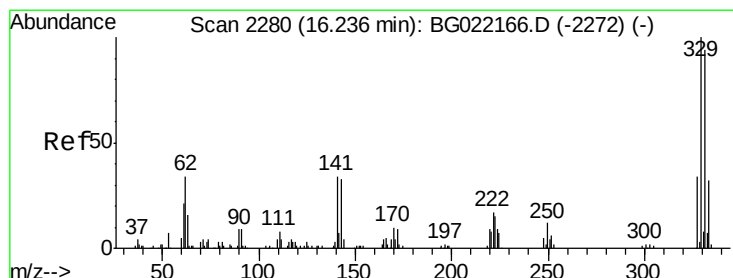
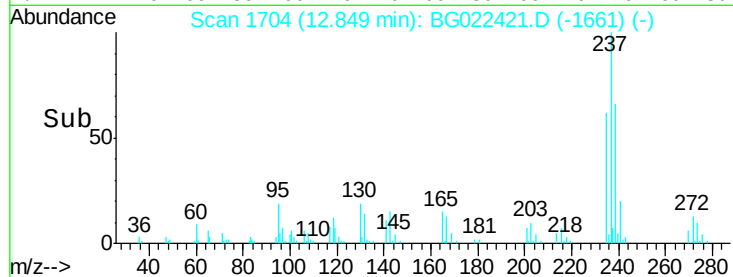
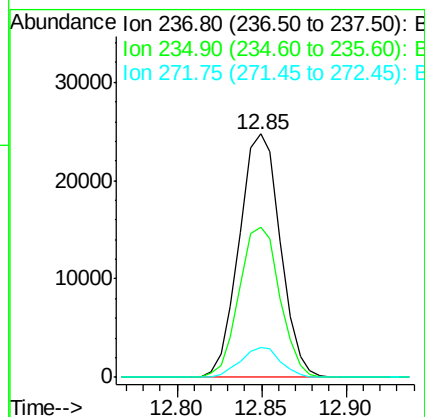
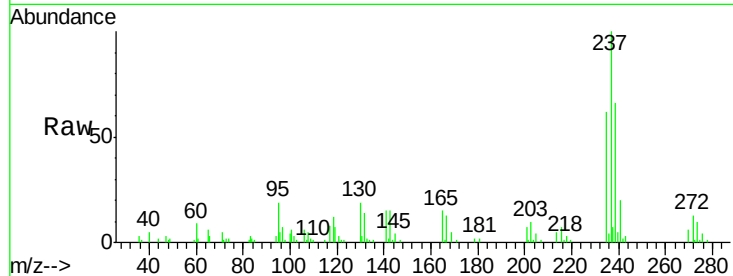




#40
Hexachlorocyclopentadiene
Concen: 50.47 ng
RT: 12.85 min Scan# 1704
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

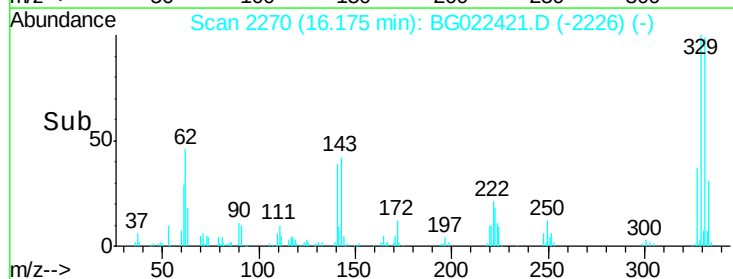
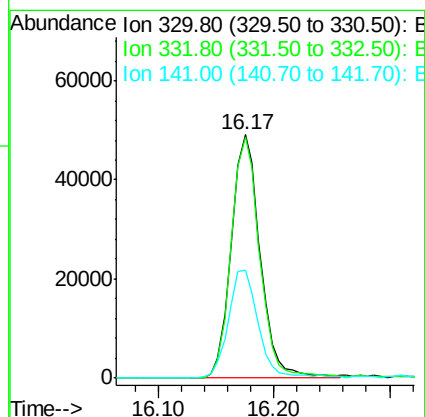
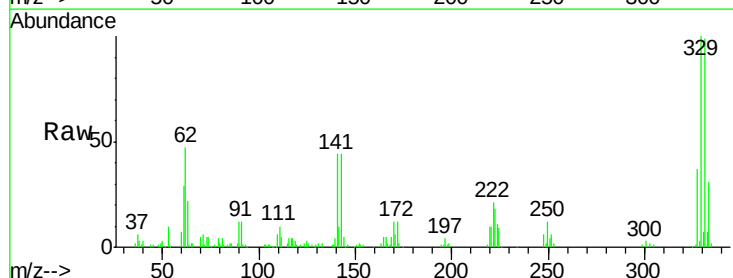
Instrument :
BNA_G
ClientSampleId :
PB91389BS

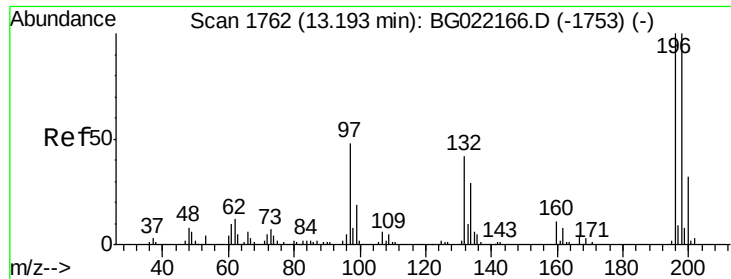
Tgt Ion: 237 Resp: 41899
Ion Ratio Lower Upper
237 100
235 61.7 43.2 83.2
272 12.5 0.0 33.4



#41
2,4,6-Tribromophenol
Concen: 114.54 ng
RT: 16.17 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion: 330 Resp: 85298
Ion Ratio Lower Upper
330 100
332 98.5 78.0 117.0
141 45.8 33.8 50.8





#42

2,4,6-Trichlorophenol

Concen: 45.23 ng

RT: 13.13 min Scan# 1752

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

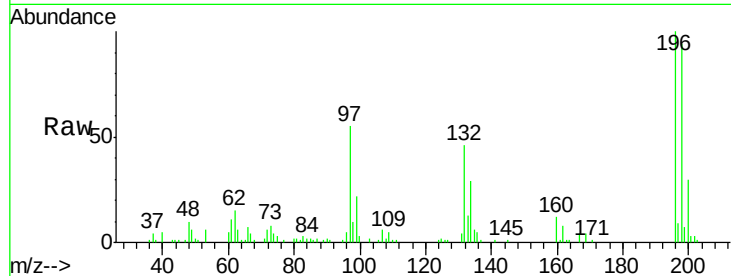
Tgt Ion:196 Resp: 51480

Ion Ratio Lower Upper

196 100

198 94.2 80.1 120.1

200 30.0 24.1 36.1

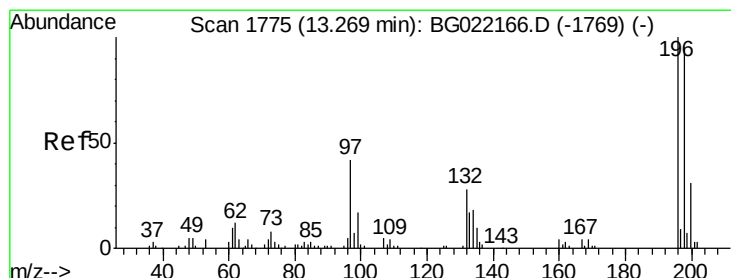
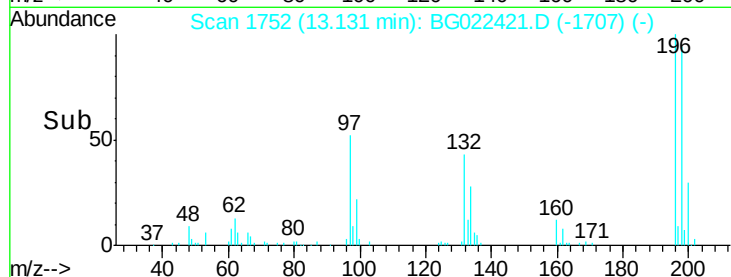
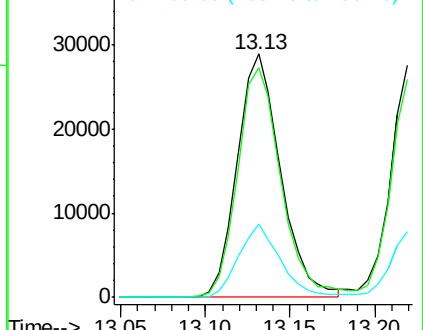


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 41.66 ng

RT: 13.22 min Scan# 1767

Delta R.T. -0.02 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Tgt Ion:196 Resp: 52380

Ion Ratio Lower Upper

196 100

198 93.4 78.0 117.0

97 49.5 43.0 64.6

132 28.3 23.0 34.4

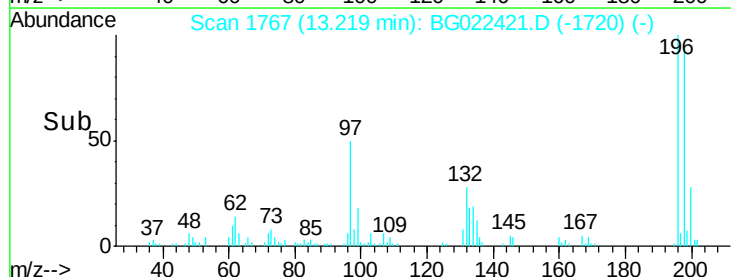
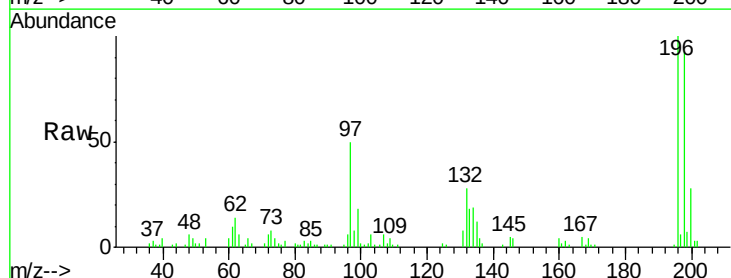
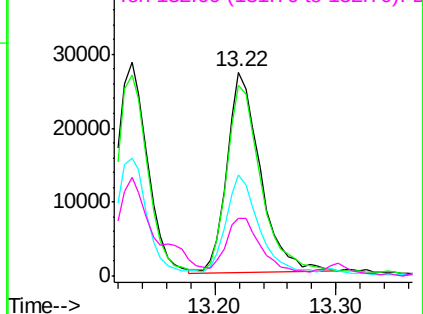
Abundance

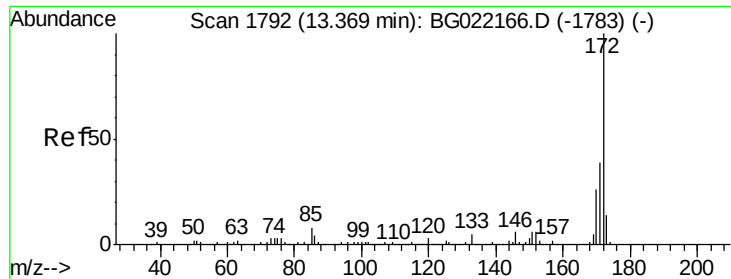
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

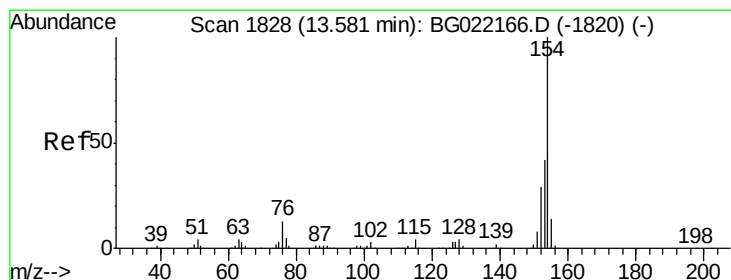
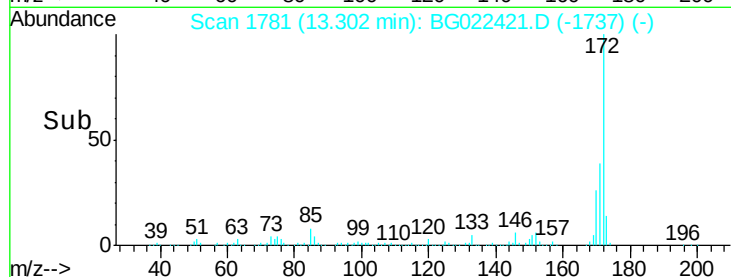
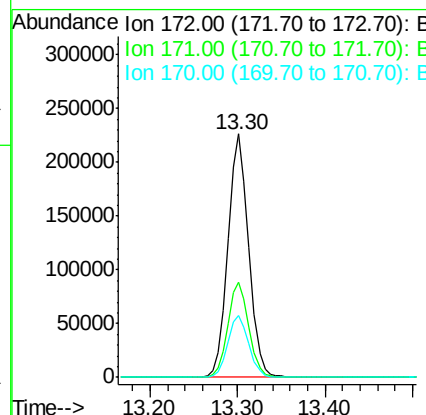
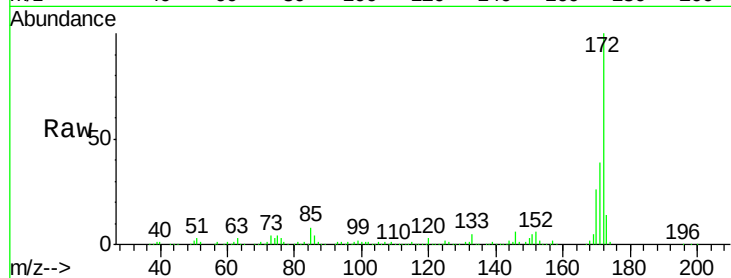




#44
2-Fluorobiphenyl
Concen: 85.20 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

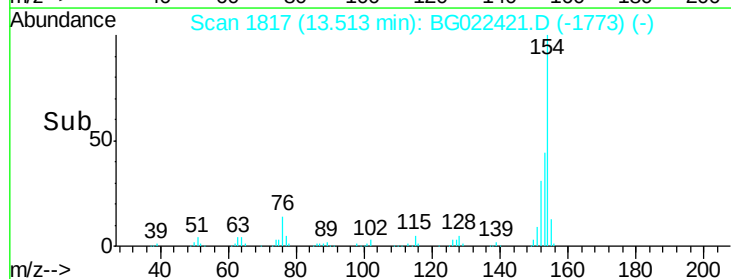
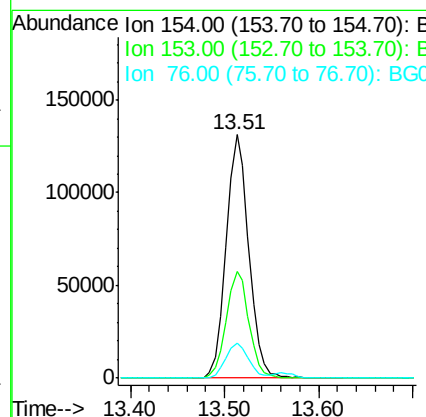
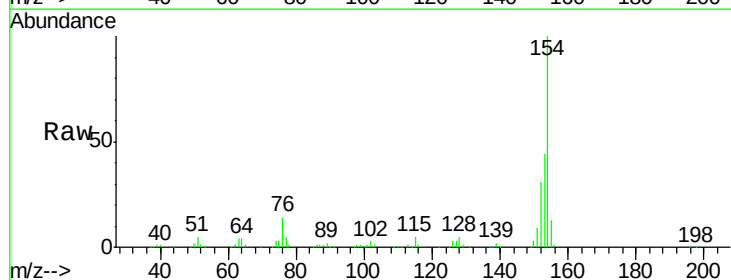
Instrument :
BNA_G
ClientSampleId :
PB91389BS

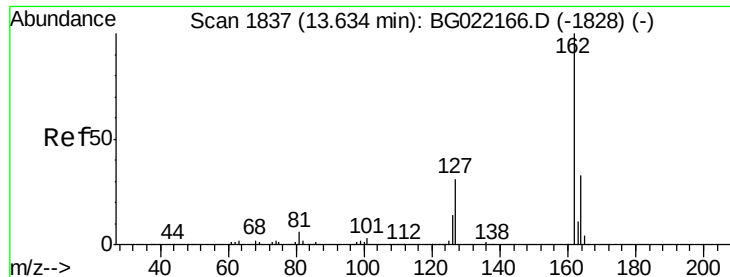
Tgt Ion:172 Resp: 368469
Ion Ratio Lower Upper
172 100
171 39.1 27.8 41.6
170 25.6 19.6 29.4



#45
1,1'-Biphenyl
Concen: 44.41 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion:154 Resp: 220244
Ion Ratio Lower Upper
154 100
153 43.7 19.7 59.7
76 14.3 0.0 33.0

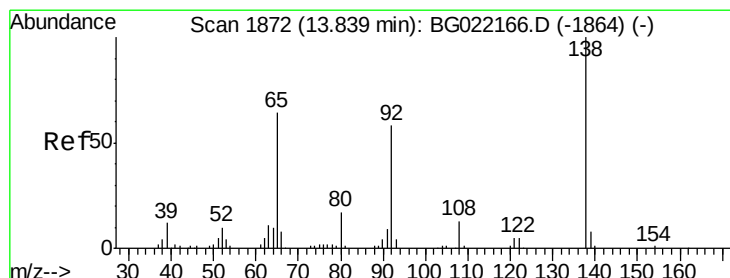
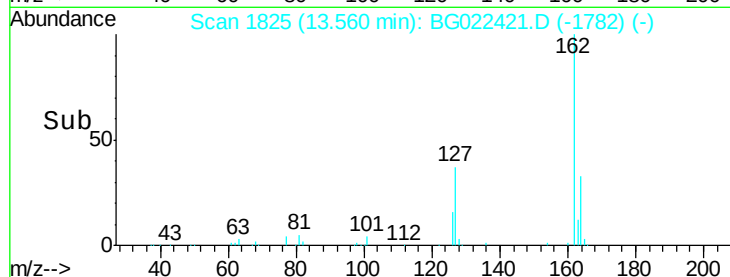
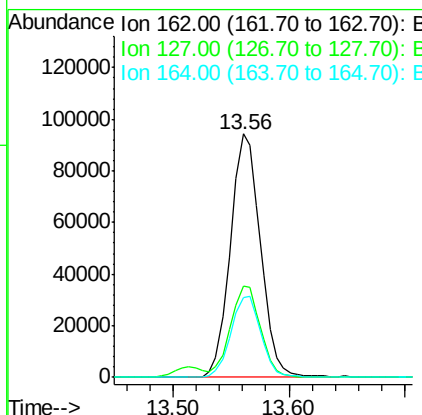
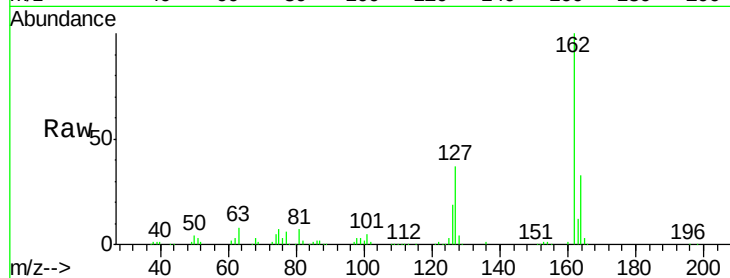




#46
2-Chloronaphthalene
Concen: 44.66 ng
RT: 13.56 min Scan# 1825
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

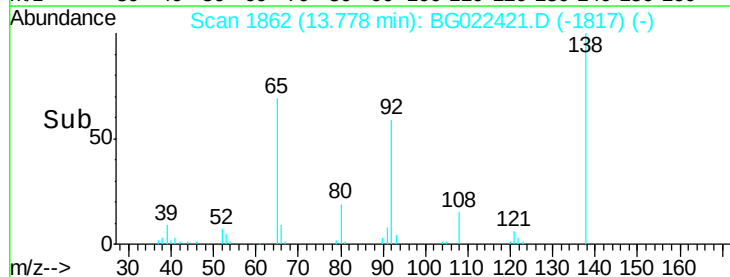
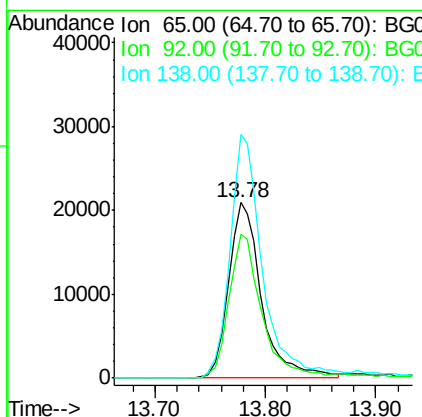
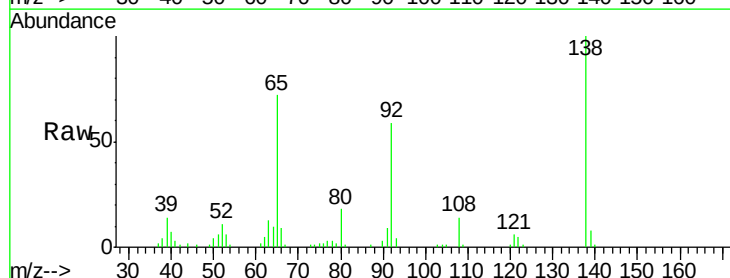
Instrument :
BNA_G
ClientSampleId :
PB91389BS

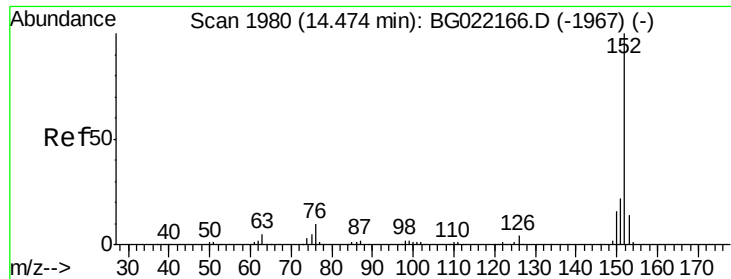
Tgt Ion: 162 Resp: 169789
Ion Ratio Lower Upper
162 100
127 37.5 32.0 48.0
164 32.8 27.0 40.4



#47
2-Nitroaniline
Concen: 48.45 ng
RT: 13.78 min Scan# 1862
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion: 65 Resp: 43927
Ion Ratio Lower Upper
65 100
92 81.8 49.2 73.8#
138 138.8 75.0 112.6#





#48

Acenaphthylene

Concen: 44.87 ng

RT: 14.41 min Scan# 1969

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

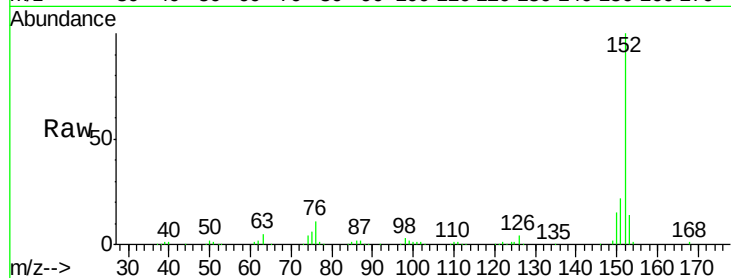
Tgt Ion:152 Resp: 299310

Ion Ratio Lower Upper

152 100

151 22.3 16.6 24.8

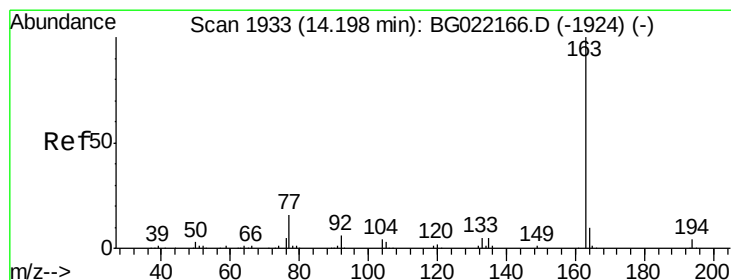
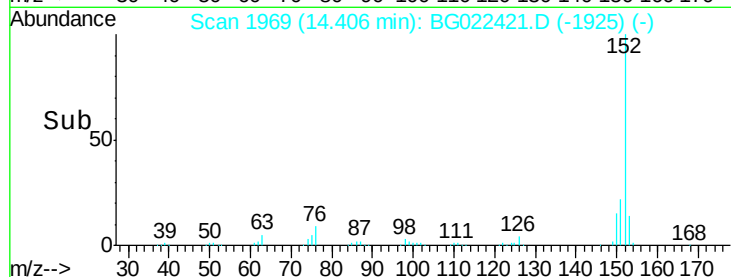
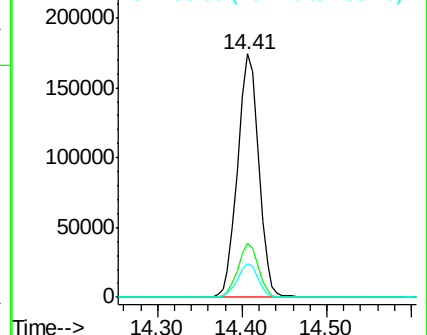
153 13.7 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.15 ng

RT: 14.13 min Scan# 1922

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

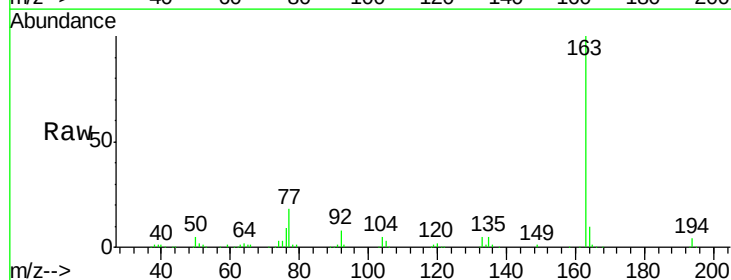
Tgt Ion:163 Resp: 235811

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

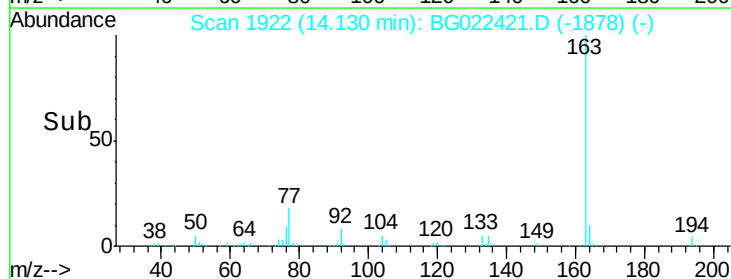
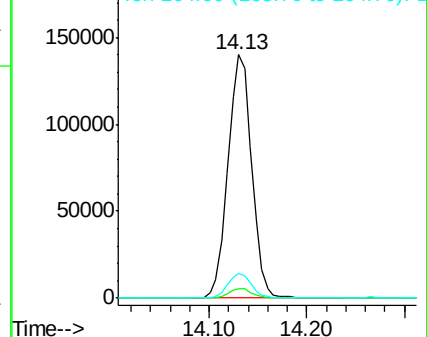
164 9.9 8.1 12.1

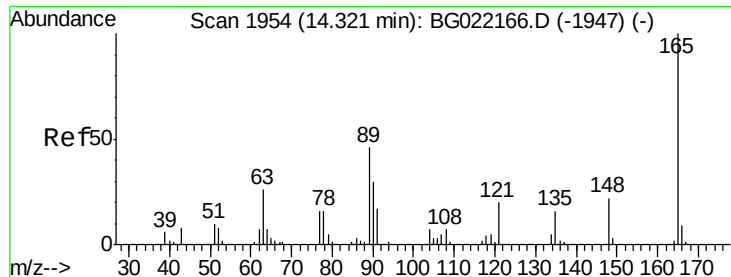


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

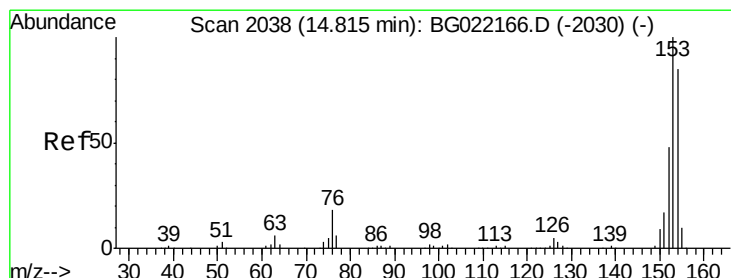
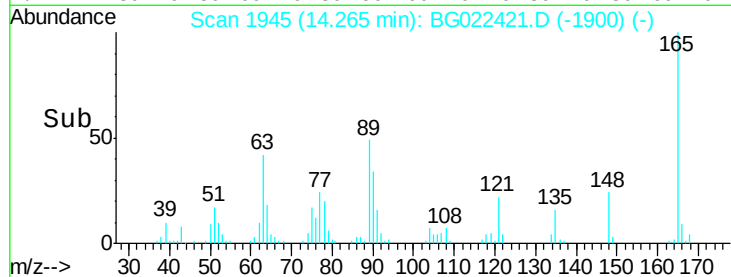
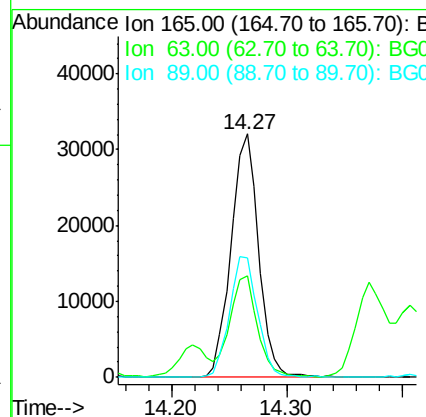
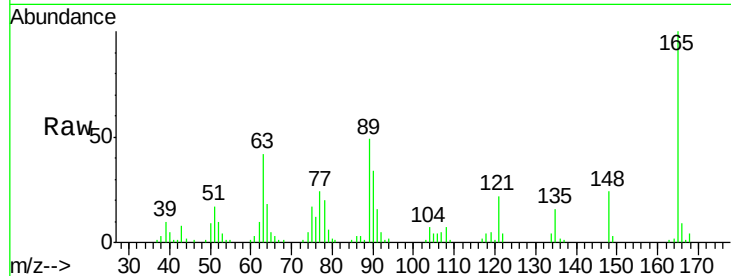




#50
2,6-Dinitrotoluene
Concen: 44.64 ng
RT: 14.27 min Scan# 1945
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

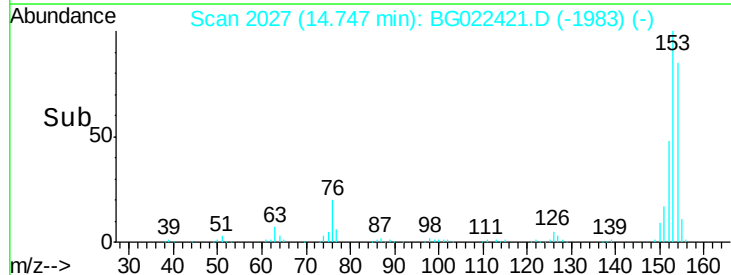
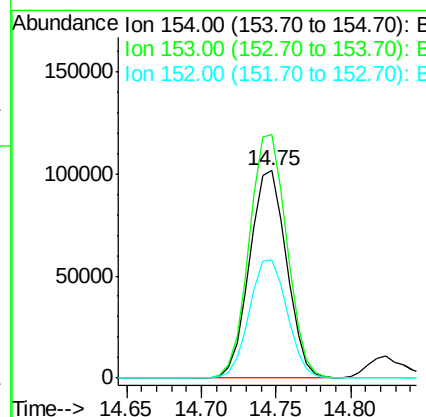
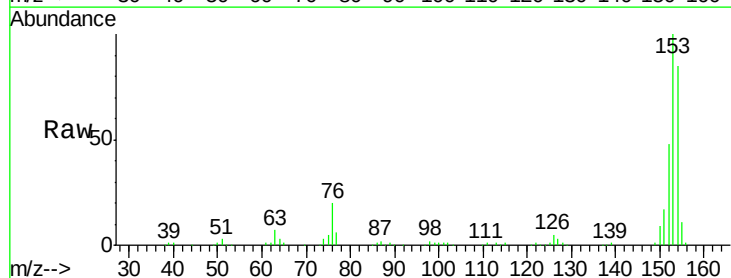
Instrument :
BNA_G
ClientSampleId :
PB91389BS

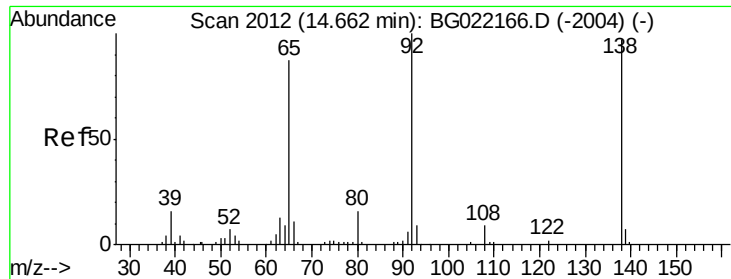
Tgt Ion:165 Resp: 53023
Ion Ratio Lower Upper
165 100
63 41.7 48.2 72.4#
89 49.3 45.3 67.9



#51
Acenaphthene
Concen: 43.68 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion:154 Resp: 174587
Ion Ratio Lower Upper
154 100
153 117.2 91.9 137.9
152 56.6 42.0 63.0

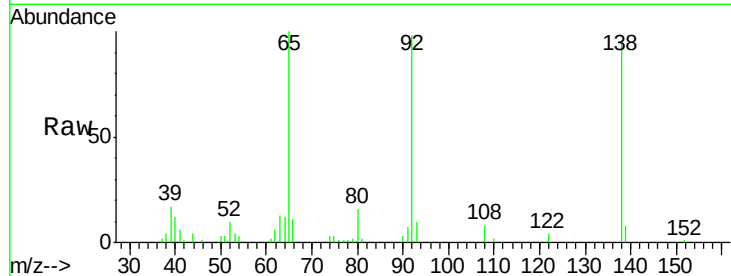




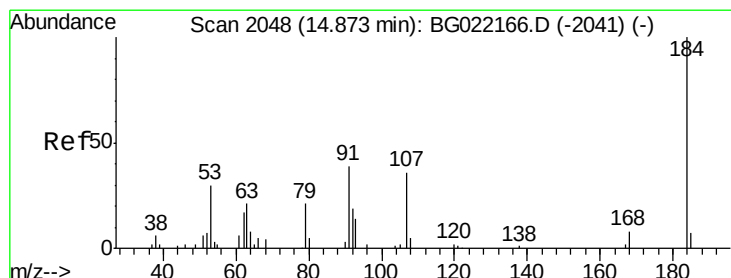
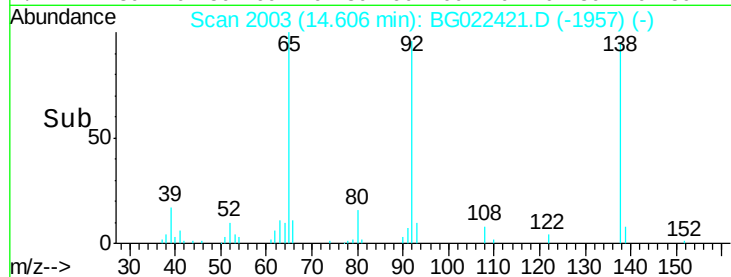
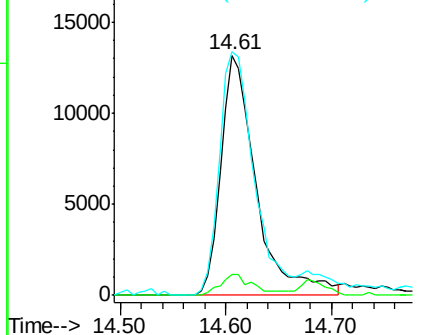
#52
3-Nitroaniline
Concen: 23.24 ng
RT: 14.61 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_G
ClientSampleId :
PB91389BS

Tgt Ion:138 Resp: 30616
Ion Ratio Lower Upper
138 100
108 8.5 9.1 13.7#
92 101.4 102.6 154.0#

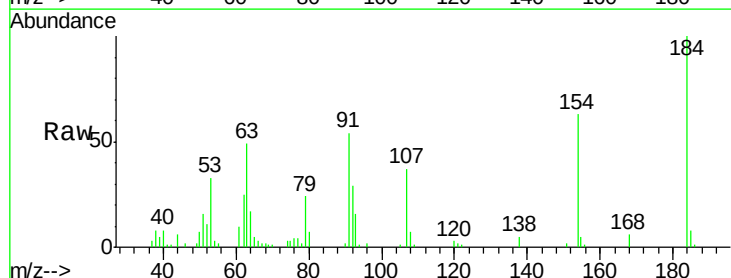


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

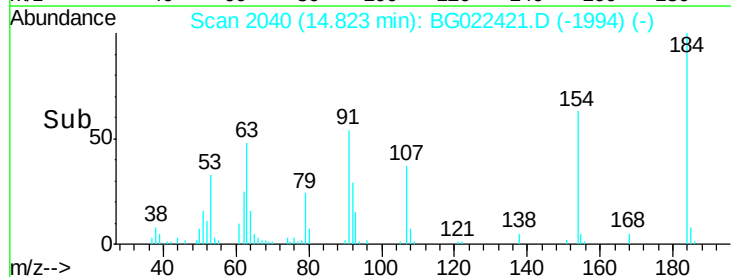
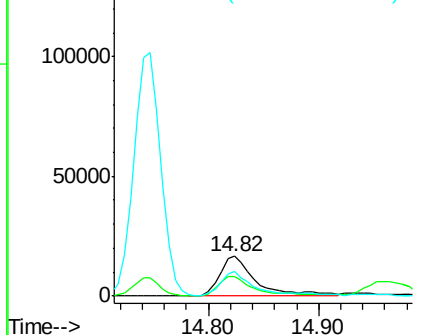


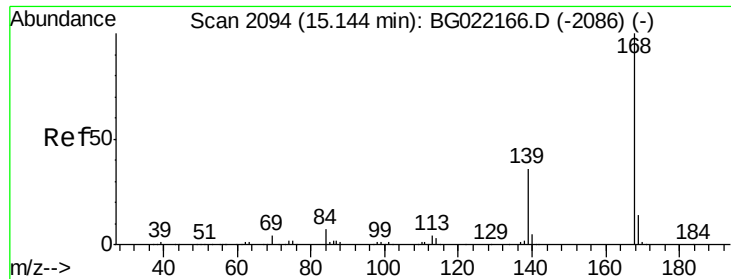
#53
2,4-Dinitrophenol
Concen: 78.94 ng
RT: 14.82 min Scan# 2040
Delta R.T. -0.03 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion:184 Resp: 38210
Ion Ratio Lower Upper
184 100
63 48.7 57.3 85.9#
154 63.3 55.2 82.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 44.56 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

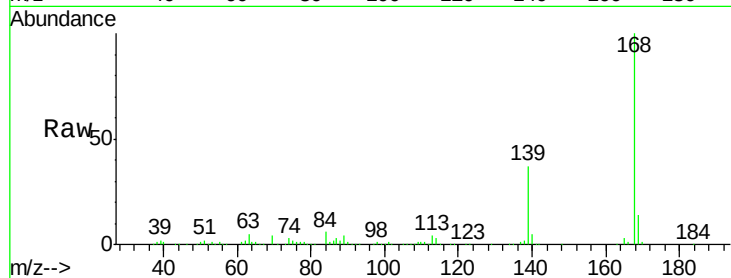
Tgt Ion:168 Resp: 277931

Ion Ratio Lower Upper

168 100

139 37.1 31.1 46.7

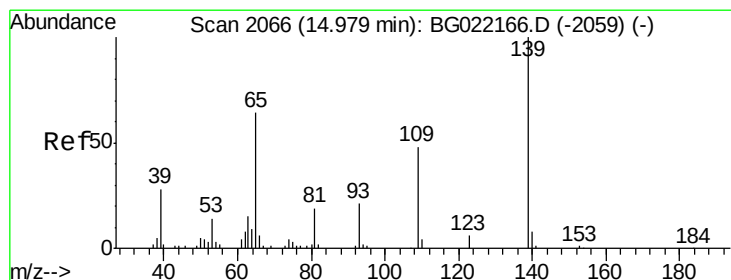
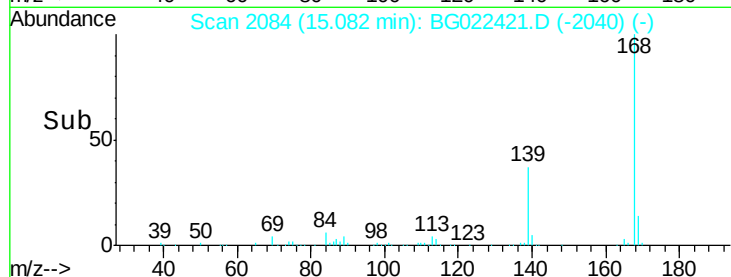
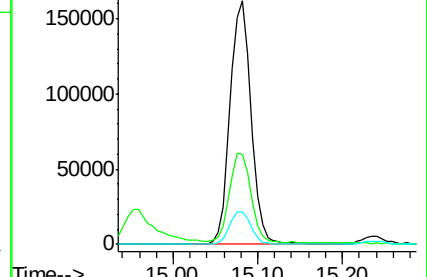
169 13.6 11.0 16.6



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: 69.45 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

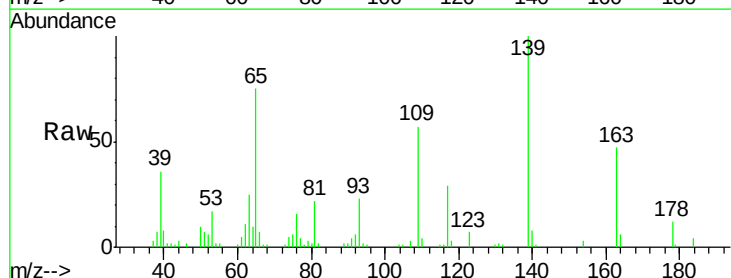
Tgt Ion:139 Resp: 63151

Ion Ratio Lower Upper

139 100

109 57.5 49.2 89.2

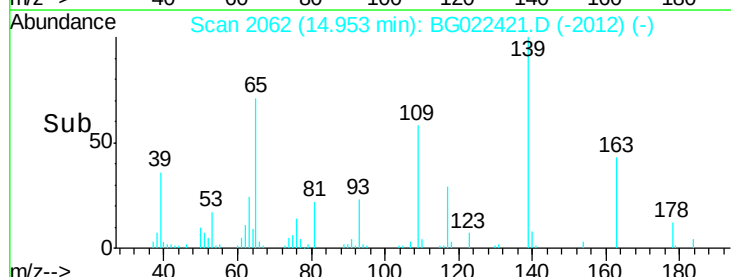
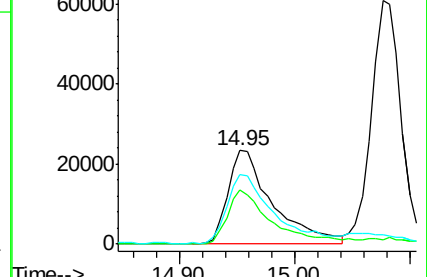
65 74.9 83.2 123.2#

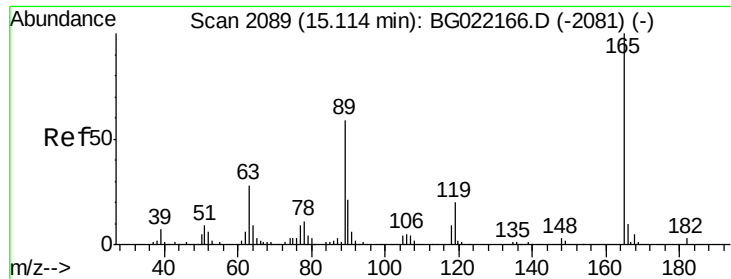


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

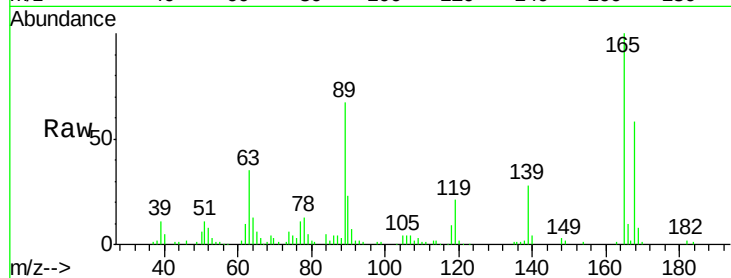




#56
2,4-Dinitrotoluene
Concen: 46.83 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_G
ClientSampleId :
PB91389BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.9	37.4	56.0#
89	67.1	59.4	89.0
182	2.4	2.1	3.1

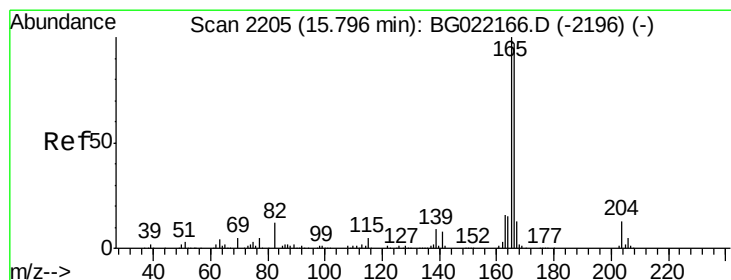
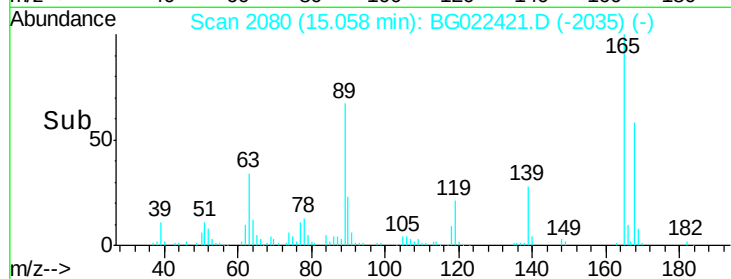
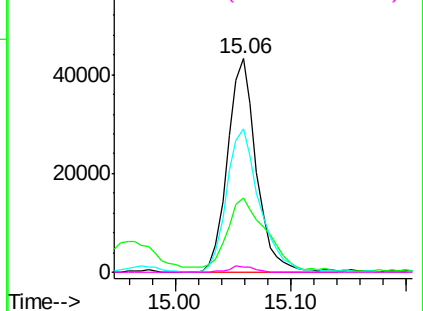


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

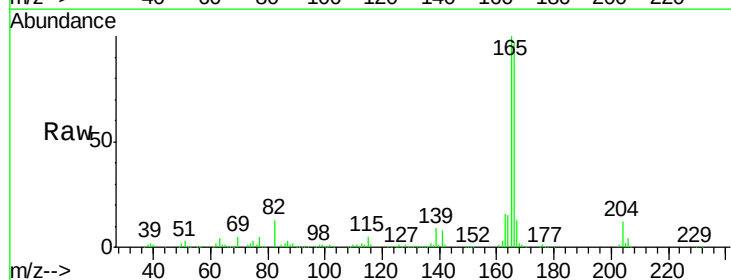
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 43.81 ng
RT: 15.73 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

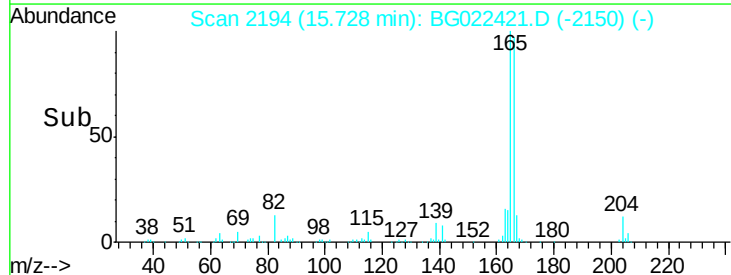
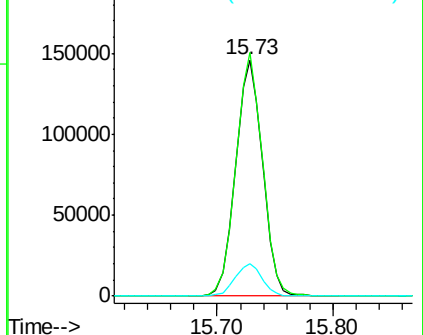
Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.0	118.4
167	13.6	10.7	16.1

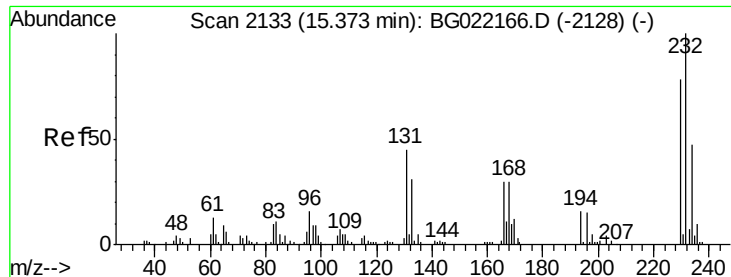


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

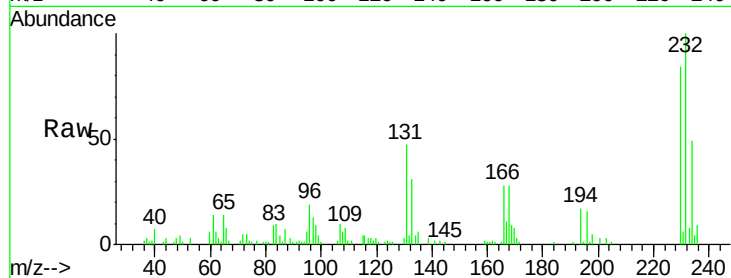




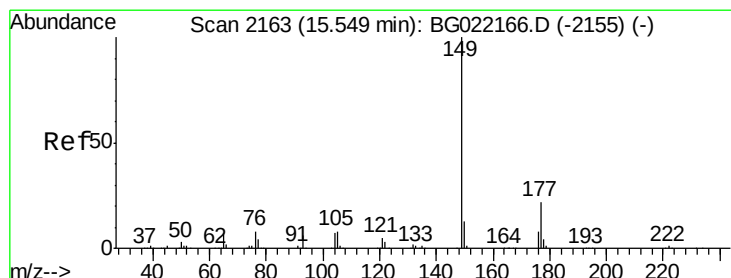
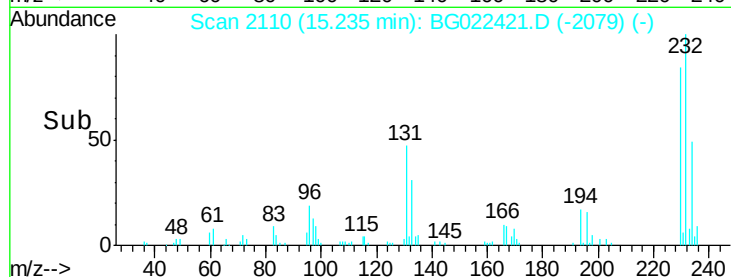
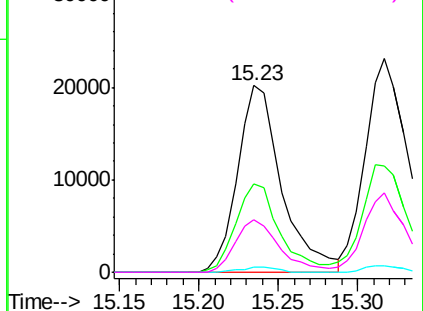
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.64 ng
 RT: 15.23 min Scan# 2110
 Delta R.T. -0.12 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

Tgt Ion:	232	Resp:	39067
Ion	Ratio	Lower	Upper
232	100		
131	46.2	36.3	54.5
130	2.3	1.9	2.9
166	28.1	25.0	37.4

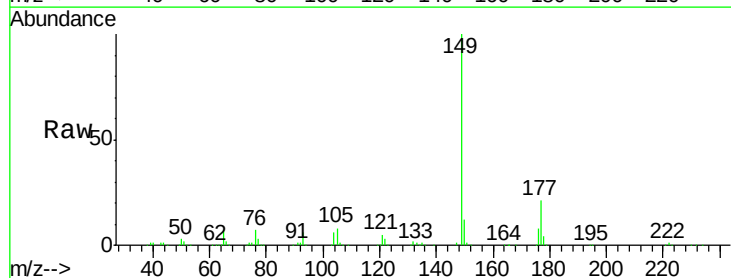


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

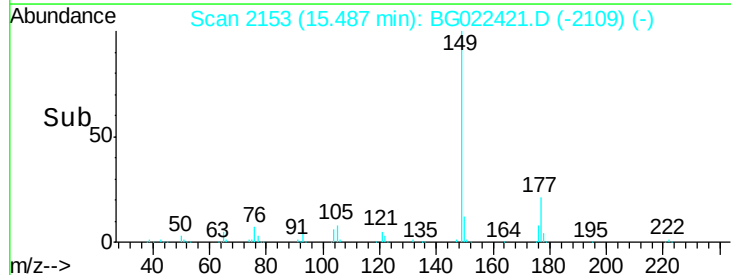
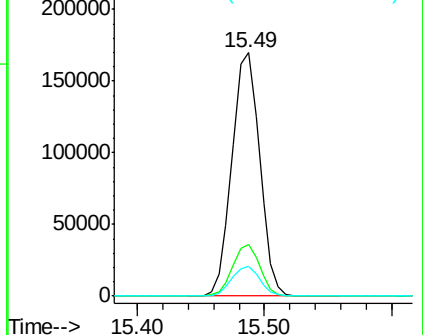


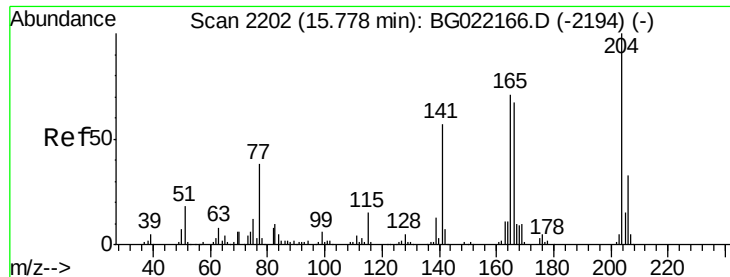
#59
 Diethylphthalate
 Concen: 44.04 ng
 RT: 15.49 min Scan# 2153
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:	149	Resp:	257073
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.3	25.9
150	12.5	9.7	14.5



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

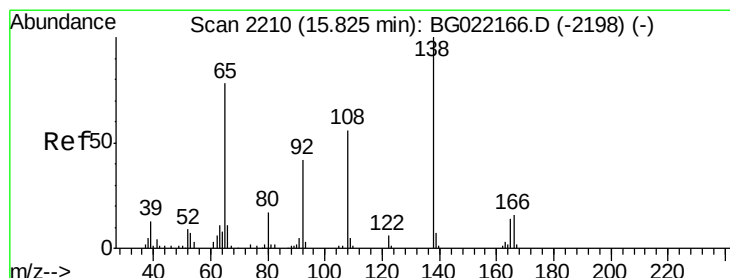
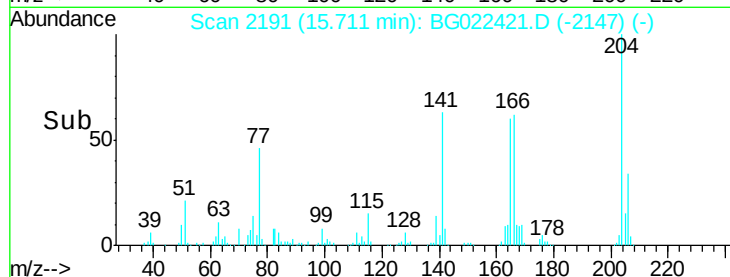
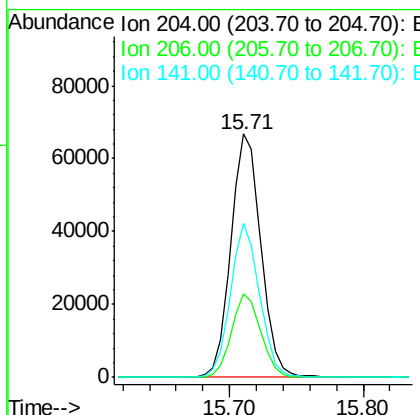
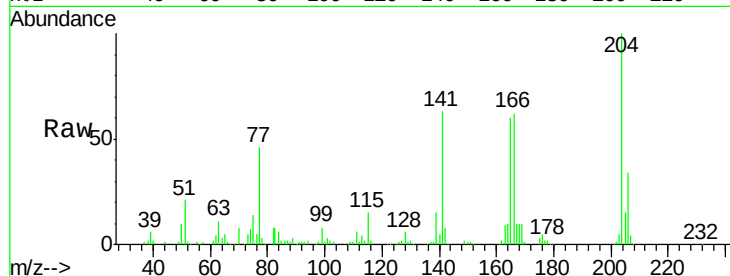




#60
 4-Chlorophenyl-phenylether
 Concen: 42.93 ng
 RT: 15.71 min Scan# 2191
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

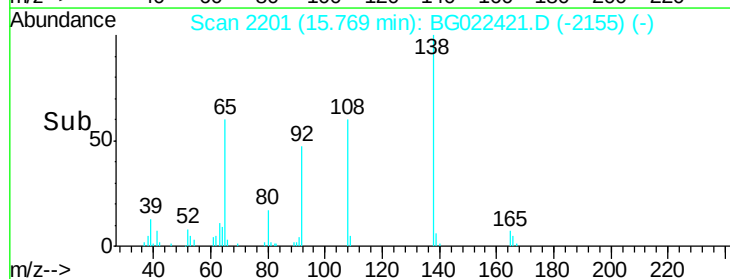
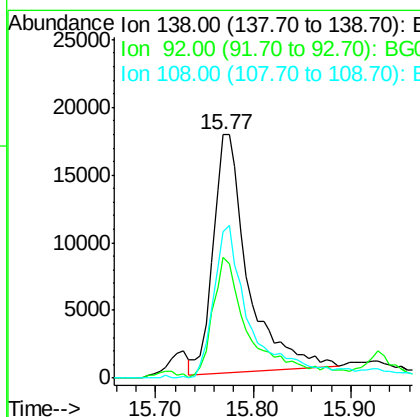
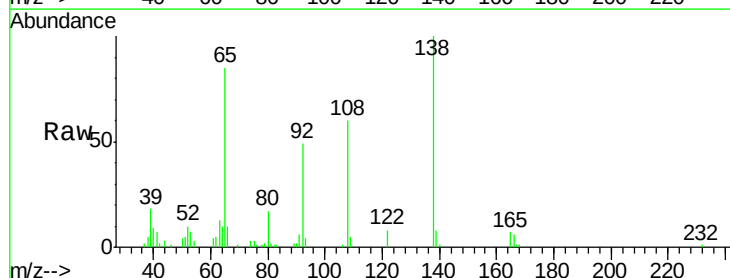
Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

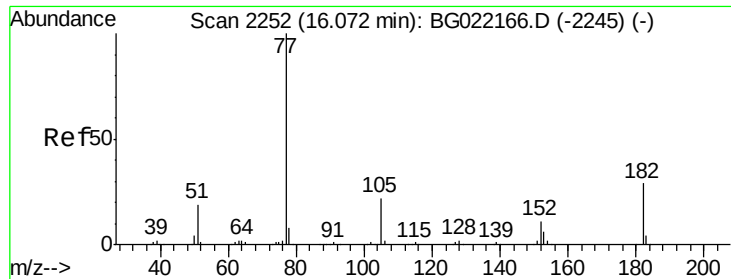
Tgt Ion:204 Resp: 104462
 Ion Ratio Lower Upper
 204 100
 206 34.4 27.8 41.8
 141 63.4 51.0 76.4



#61
 4-Nitroaniline
 Concen: 30.93 ng
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:138 Resp: 43222
 Ion Ratio Lower Upper
 138 100
 92 49.5 37.7 77.7
 108 60.1 59.4 99.4





#62

Azobenzene

Concen: 50.01 ng

RT: 16.00 min Scan# 2241

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

Tgt Ion: 77 Resp: 221077

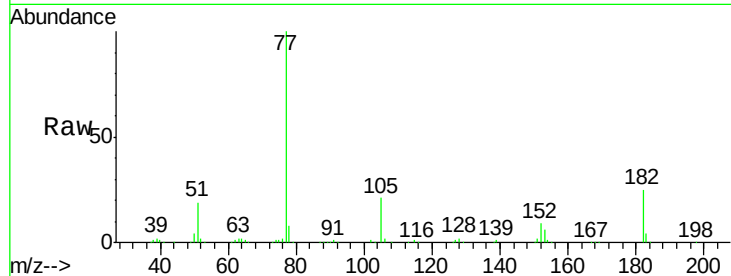
Ion Ratio Lower Upper

77 100

182 24.6 4.1 44.1

105 20.5 0.0 39.8

51 19.3 11.1 51.1

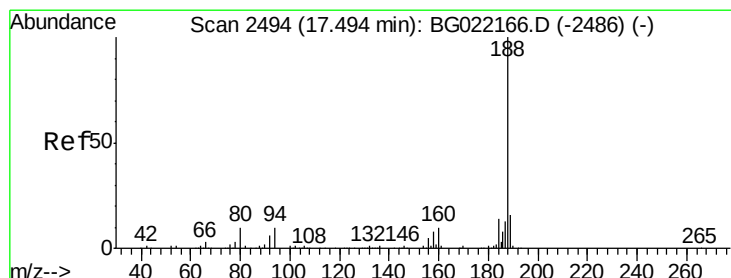
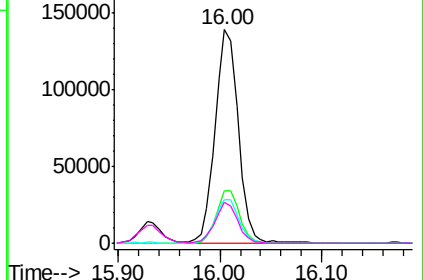
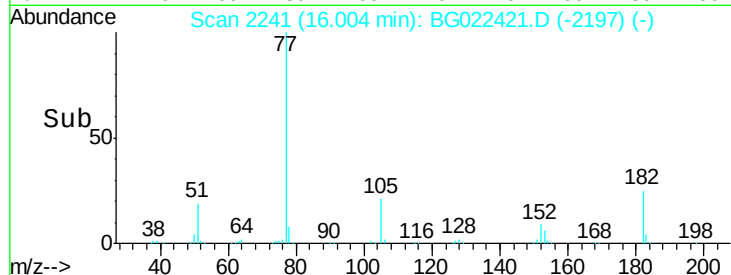


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

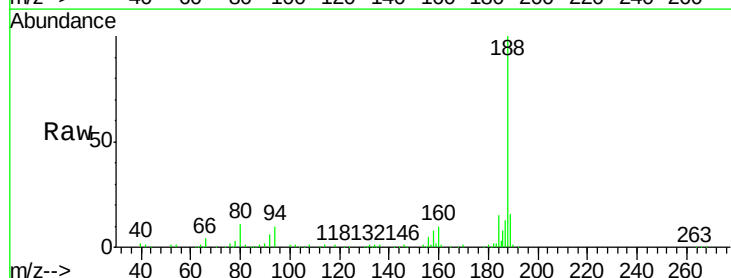
Tgt Ion: 188 Resp: 151780

Ion Ratio Lower Upper

188 100

94 10.4 7.5 11.3

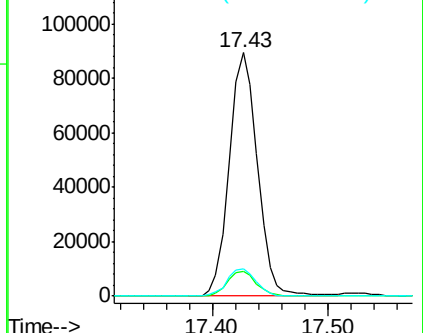
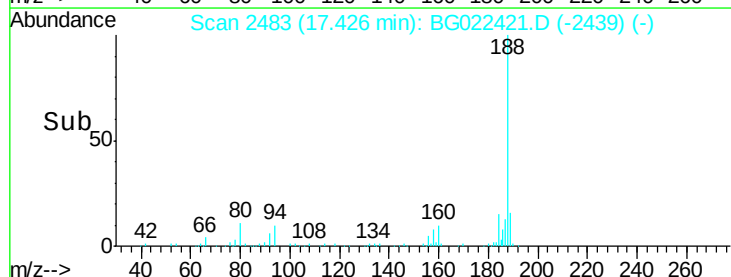
80 11.2 8.6 13.0

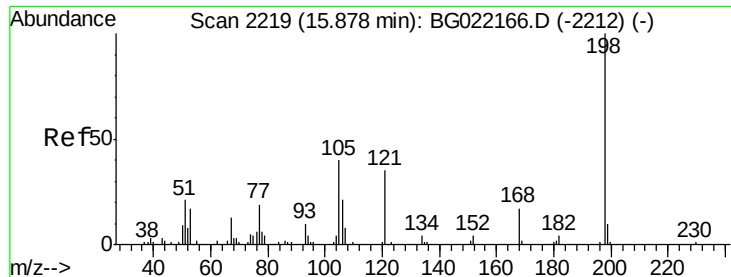


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

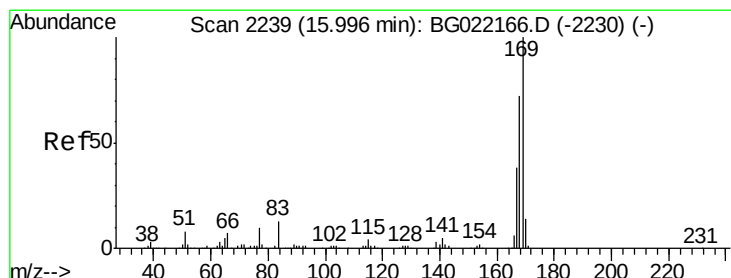
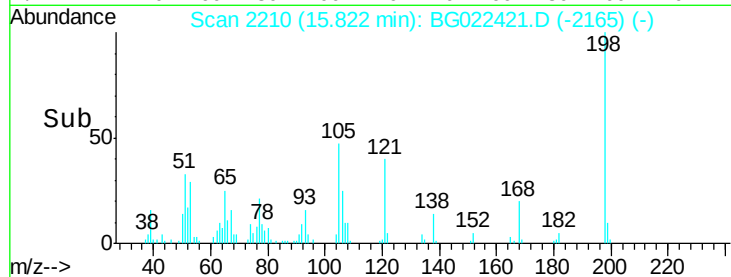
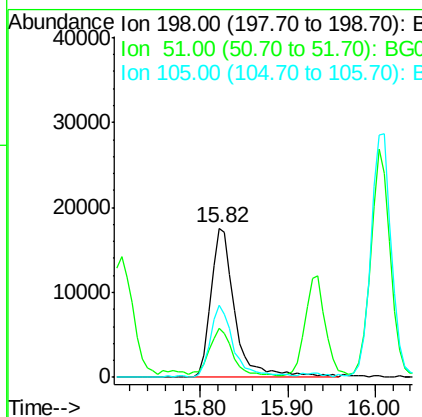
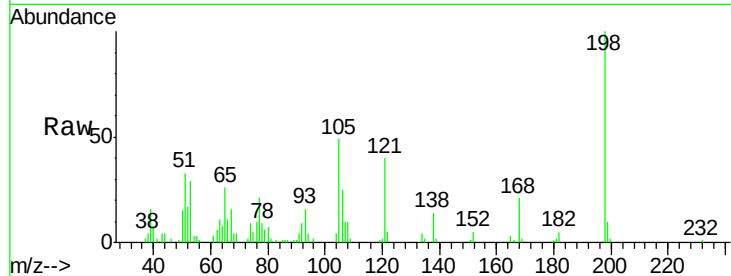




#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.16 ng
 RT: 15.82 min Scan# 2210
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

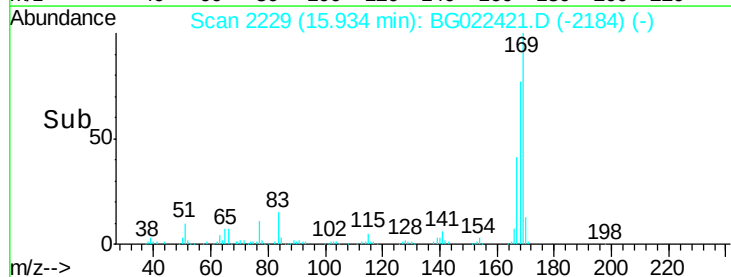
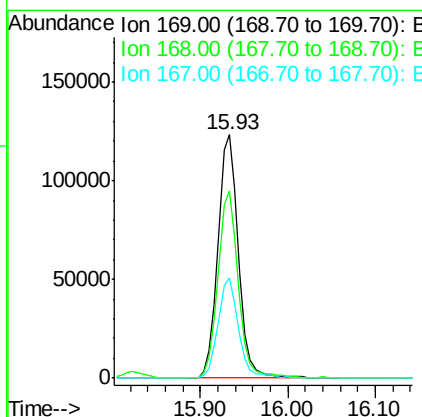
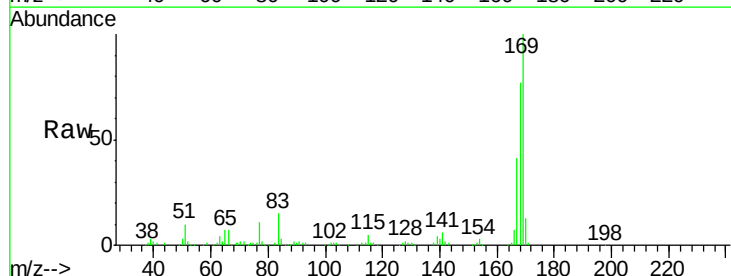
Instrument :
 BNA_G
 ClientSampleId :
 PB91389BS

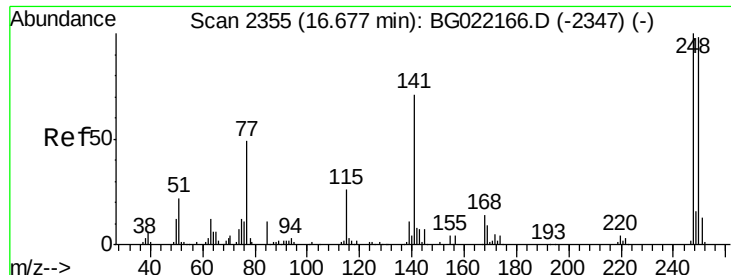
Tgt Ion:198 Resp: 33608
 Ion Ratio Lower Upper
 198 100
 51 33.1 29.2 69.2
 105 48.7 24.0 64.0



#65
 n-Nitrosodiphenylamine
 Concen: 45.87 ng
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.04 min
 Lab File: BG022421.D
 Acq: 18 Jun 2016 13:19

Tgt Ion:169 Resp: 200538
 Ion Ratio Lower Upper
 169 100
 168 77.0 59.6 89.4
 167 41.4 31.2 46.8

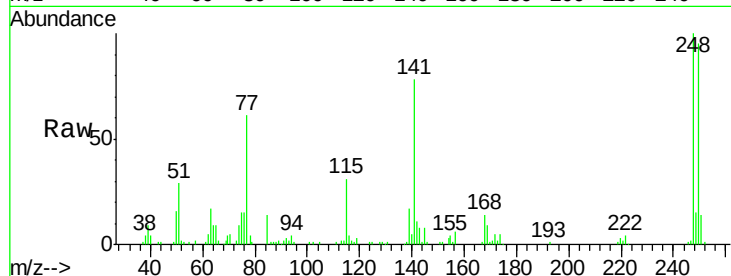




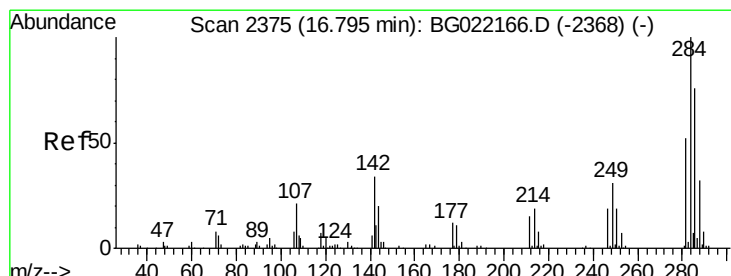
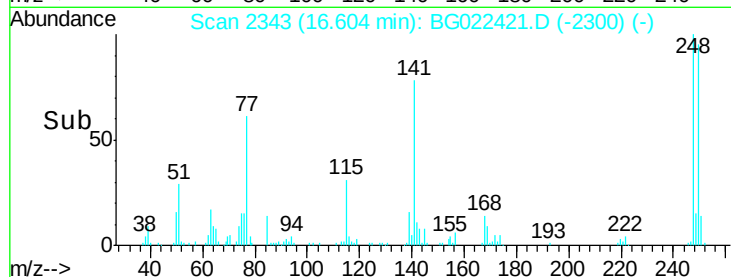
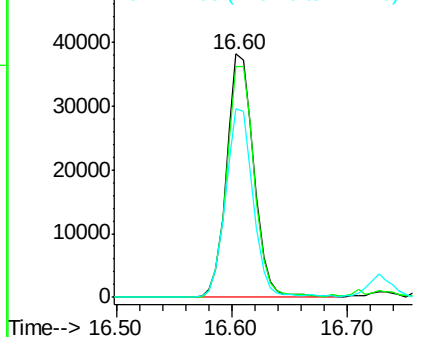
#66
4-Bromophenyl-phenylether
Concen: 43.78 ng
RT: 16.60 min Scan# 2343
Delta R.T. -0.05 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_G
ClientSampleId :
PB91389BS

Tgt Ion:248 Resp: 62267
Ion Ratio Lower Upper
248 100
250 94.8 76.6 114.8
141 77.6 63.8 95.6

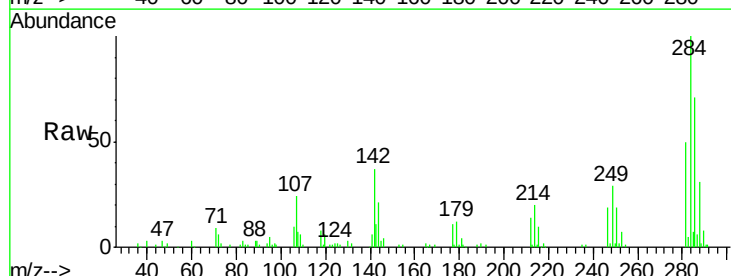


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

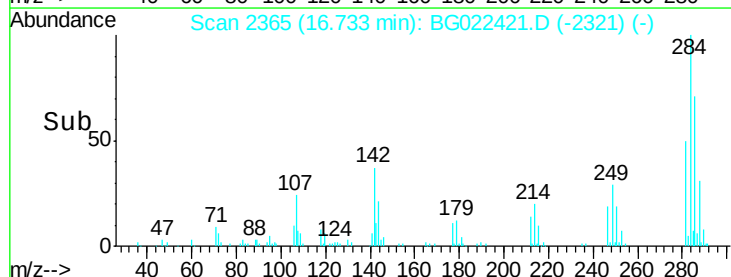
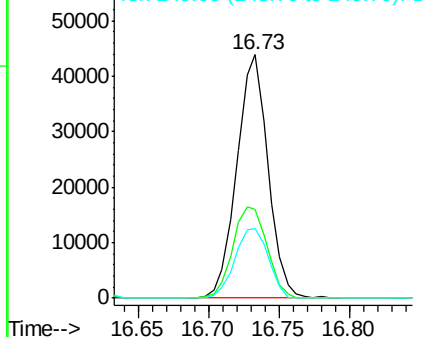


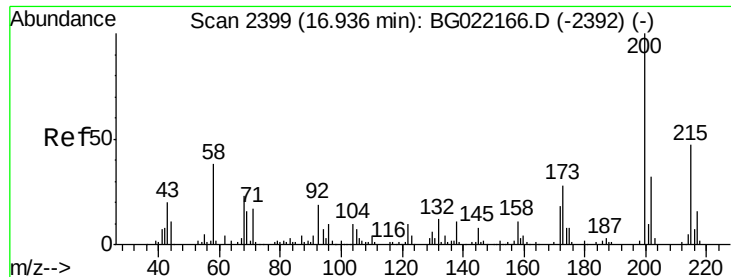
#67
Hexachlorobenzene
Concen: 40.87 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion:284 Resp: 67751
Ion Ratio Lower Upper
284 100
142 36.6 31.8 47.6
249 30.9 27.3 40.9



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: 42.37 ng

RT: 16.87 min Scan# 2389

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

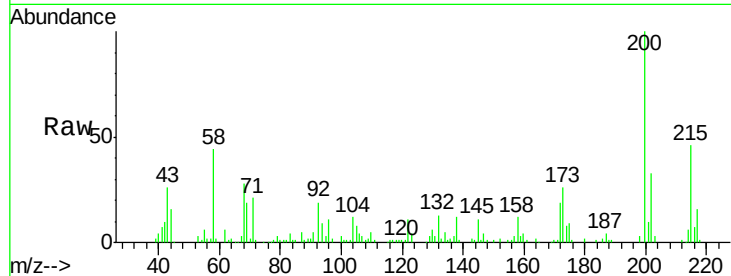
Tgt Ion:200 Resp: 68582

Ion Ratio Lower Upper

200 100

173 25.9 5.1 45.1

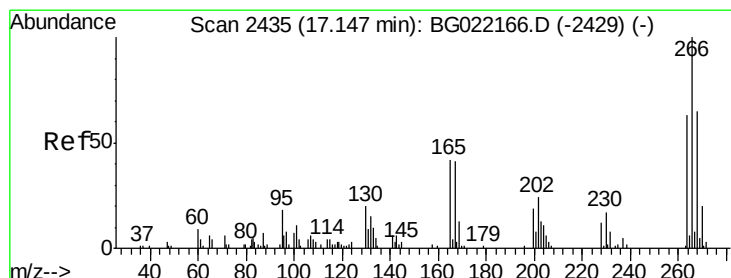
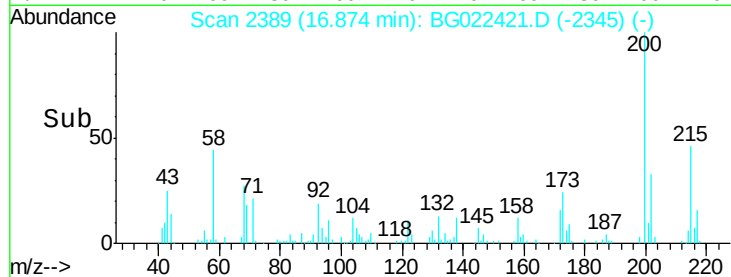
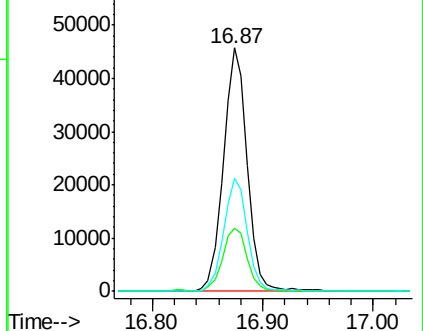
215 46.4 28.0 68.0



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: 57.77 ng

RT: 17.09 min Scan# 2426

Delta R.T. -0.03 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

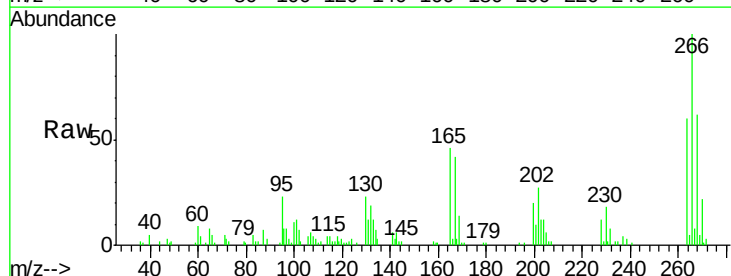
Tgt Ion:266 Resp: 41864

Ion Ratio Lower Upper

266 100

268 67.1 54.5 81.7

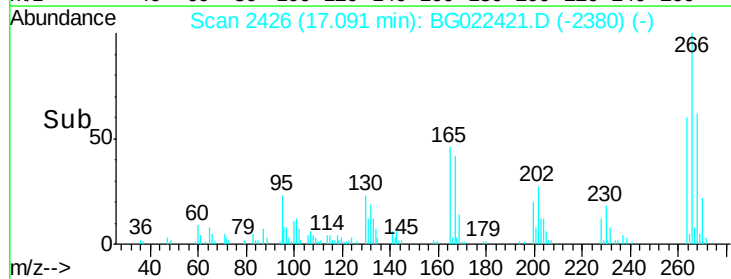
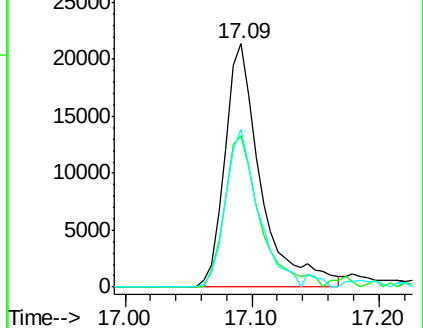
264 64.8 53.8 80.6

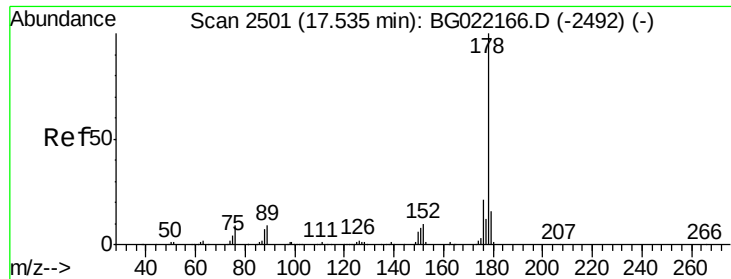


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

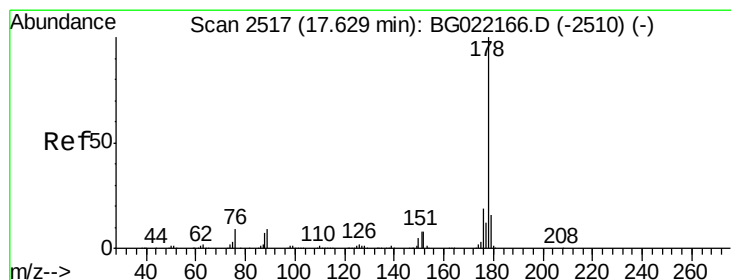
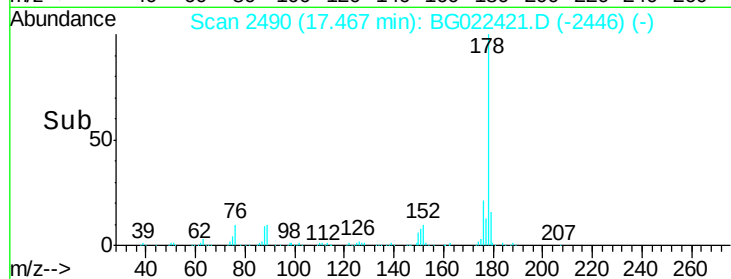
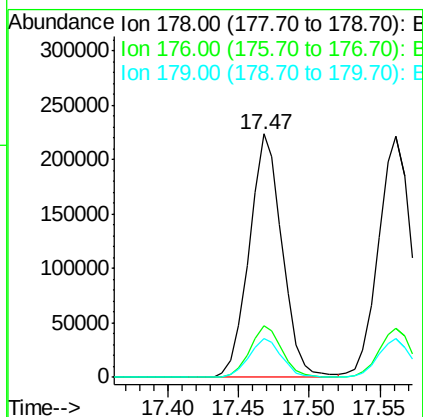
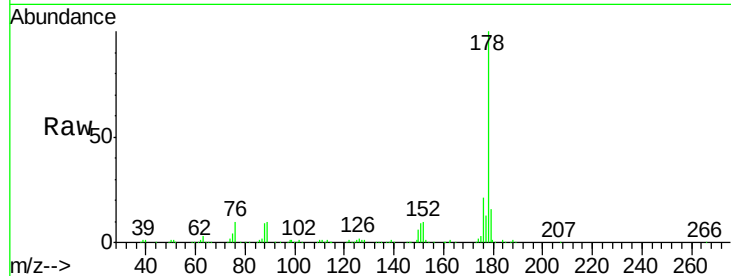




#70
Phenanthrene
Concen: 44.49 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

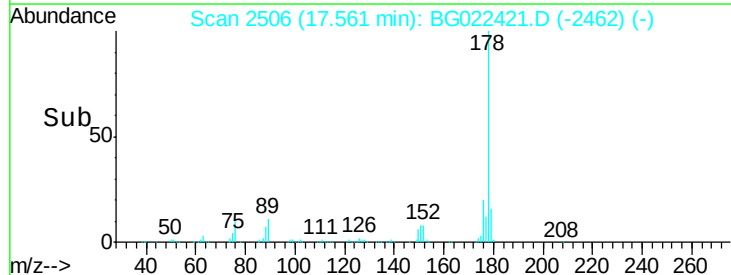
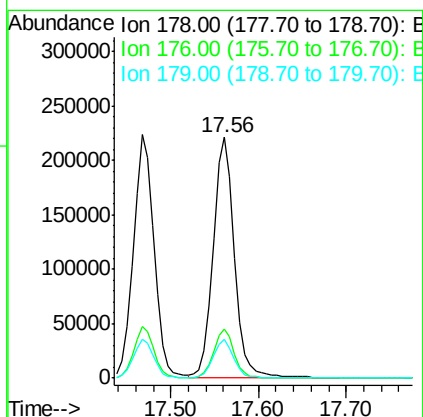
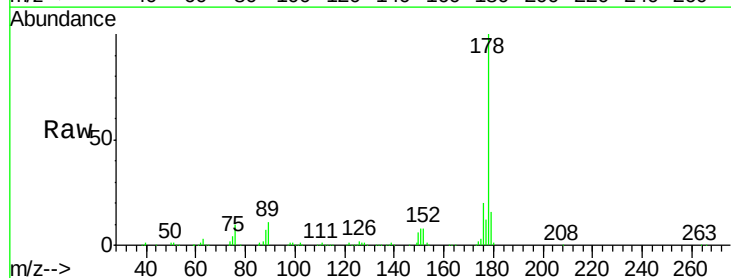
Instrument :
BNA_G
ClientSampleId :
PB91389BS

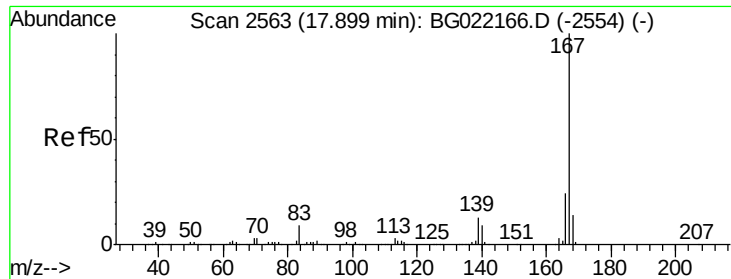
Tgt Ion:178 Resp: 366735
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.0 12.0 18.0



#71
Anthracene
Concen: 45.45 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.04 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion:178 Resp: 371630
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.4
179 16.0 12.2 18.4





#72

Carbazole

Concen: 43.33 ng

RT: 17.84 min Scan# 2553

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

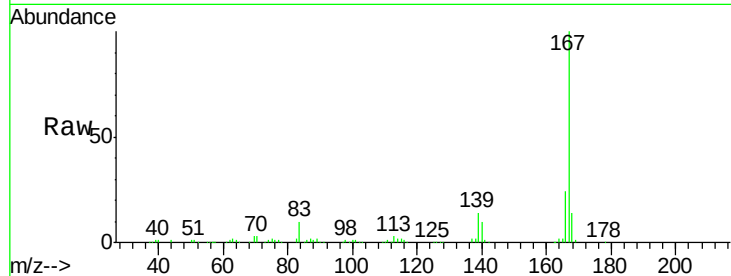
Tgt Ion:167 Resp: 335505

Ion Ratio Lower Upper

167 100

166 24.2 18.6 27.8

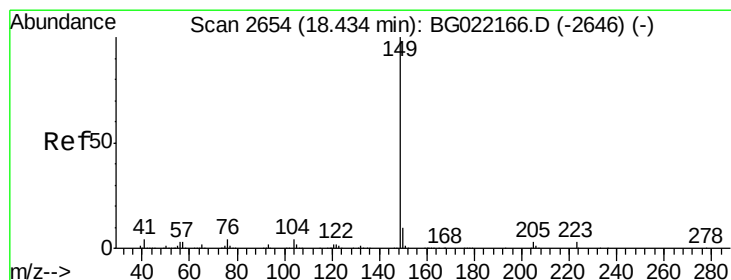
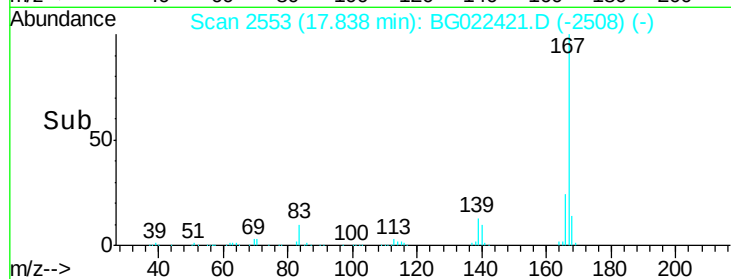
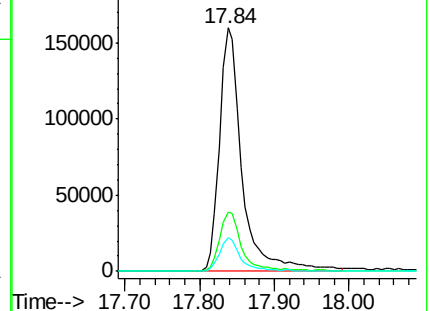
139 13.9 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.42 ng

RT: 18.37 min Scan# 2643

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

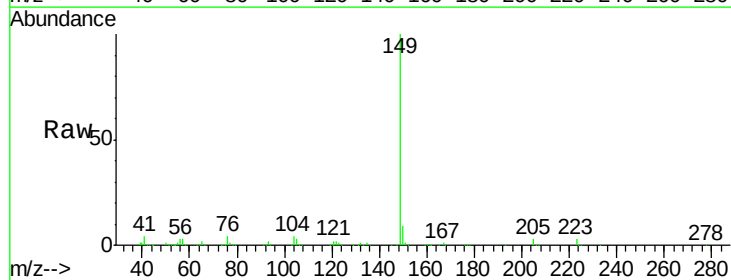
Tgt Ion:149 Resp: 469896

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

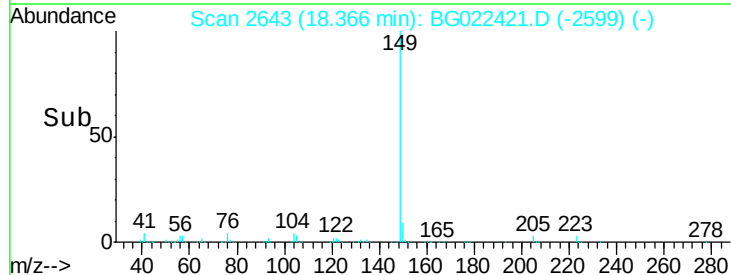
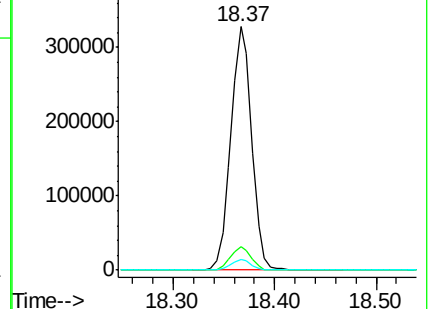
104 4.3 4.0 6.0

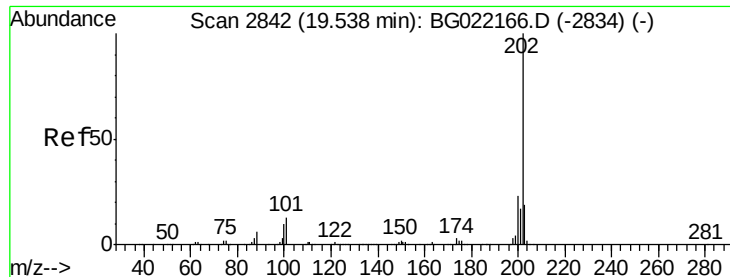


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.89 ng

RT: 19.47 min Scan# 2831

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

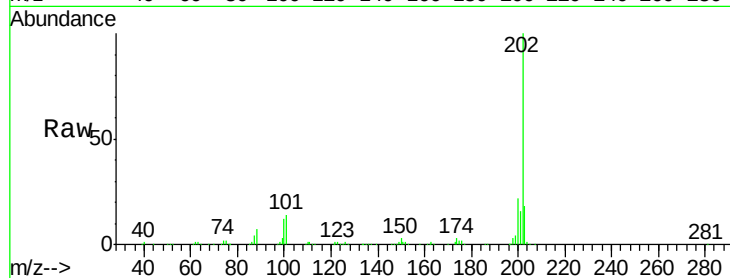
Tgt Ion:202 Resp: 415971

Ion Ratio Lower Upper

202 100

101 14.5 0.0 31.0

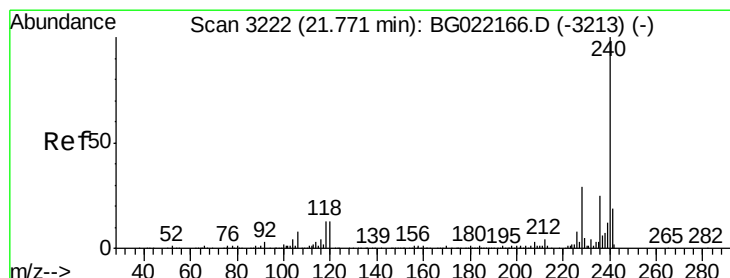
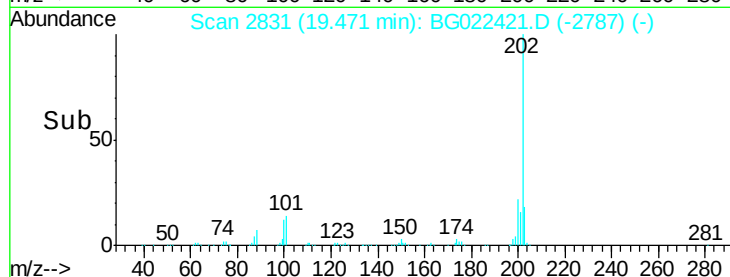
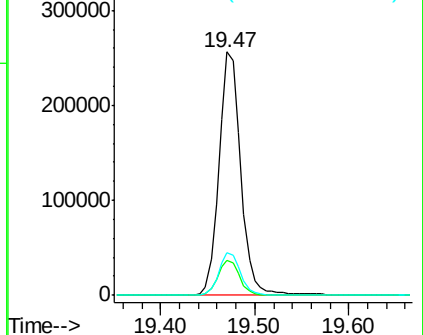
203 17.6 0.0 37.9



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: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

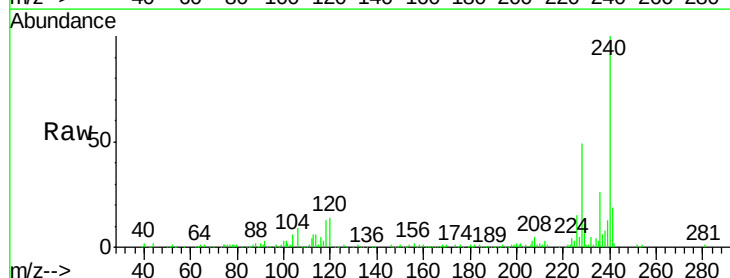
Tgt Ion:240 Resp: 136341

Ion Ratio Lower Upper

240 100

120 14.4 8.4 12.6#

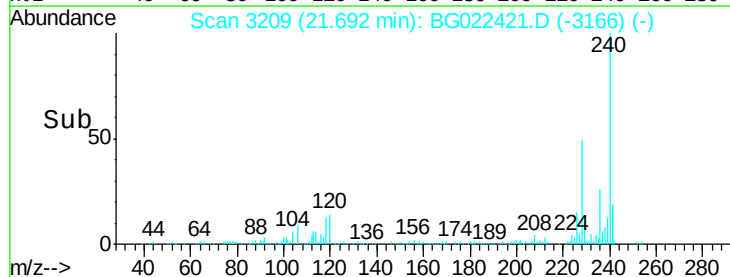
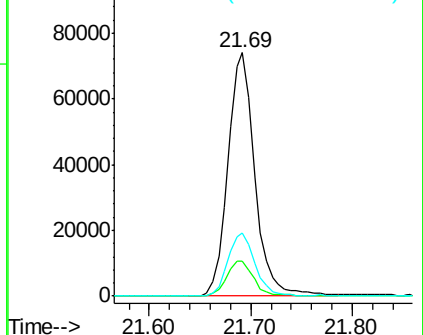
236 25.9 19.6 29.4

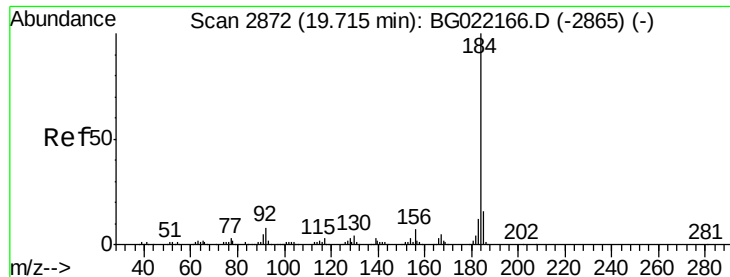


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 29.60 ng

RT: 19.66 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

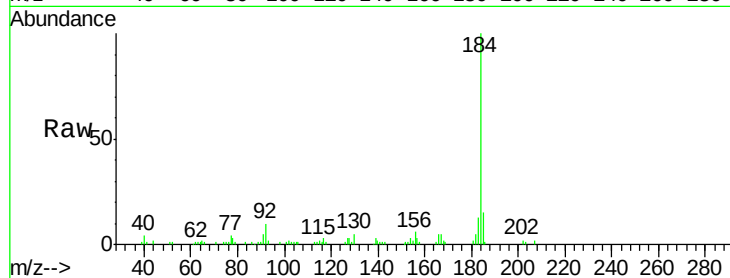
Tgt Ion:184 Resp: 105536

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

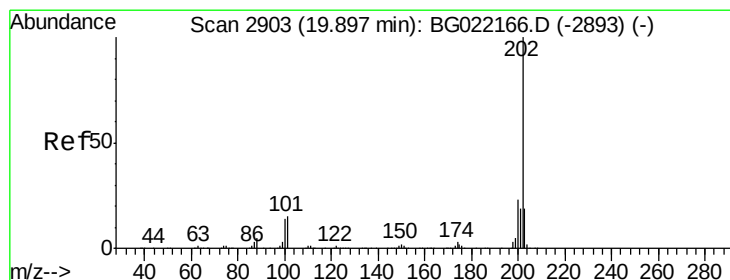
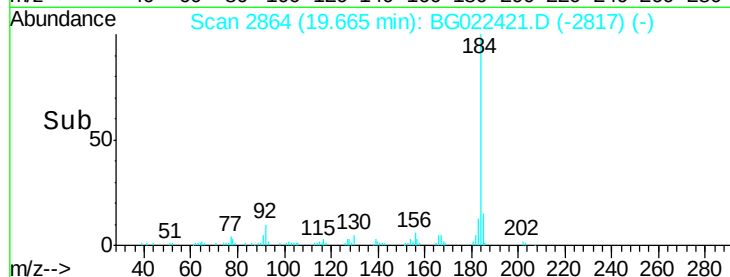
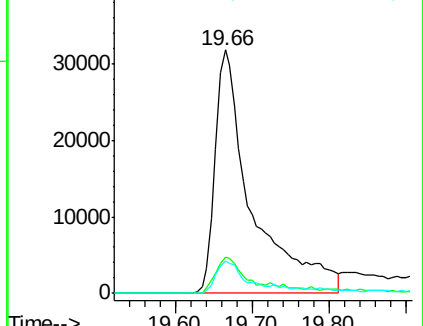
183 13.3 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 48.13 ng

RT: 19.84 min Scan# 2893

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

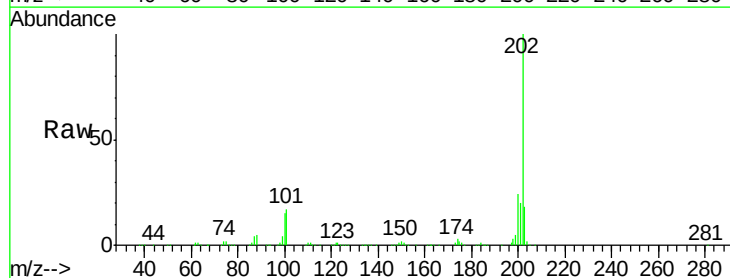
Tgt Ion:202 Resp: 407941

Ion Ratio Lower Upper

202 100

200 23.7 18.2 27.2

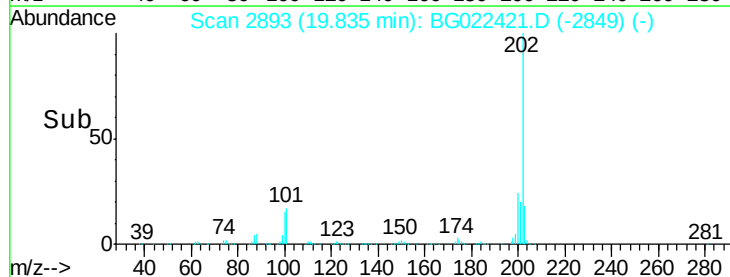
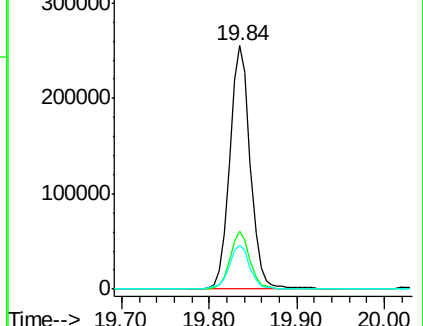
203 18.2 15.0 22.4

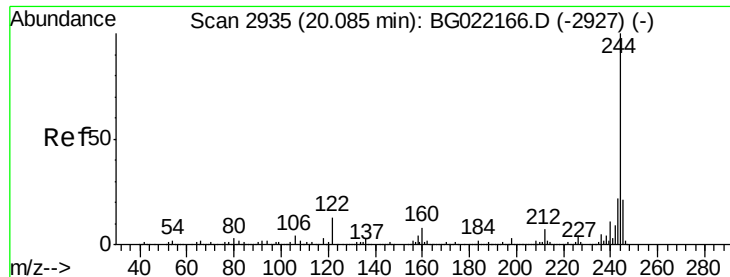


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 90.20 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

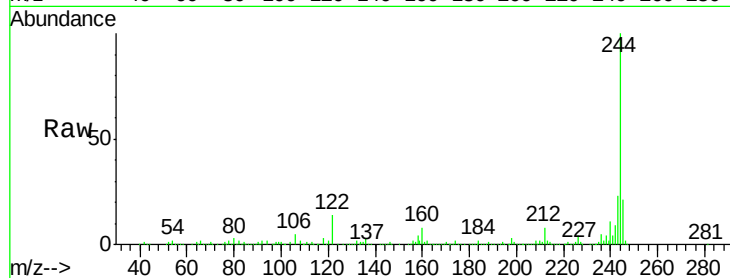
Tgt Ion:244 Resp: 518013

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

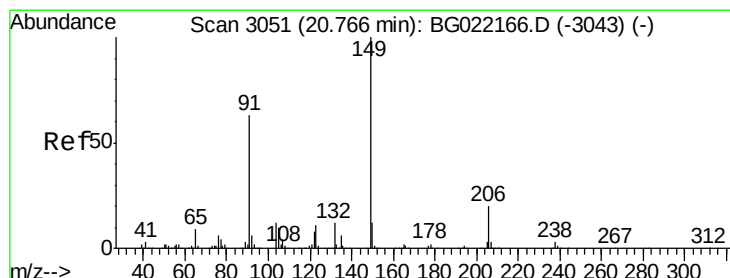
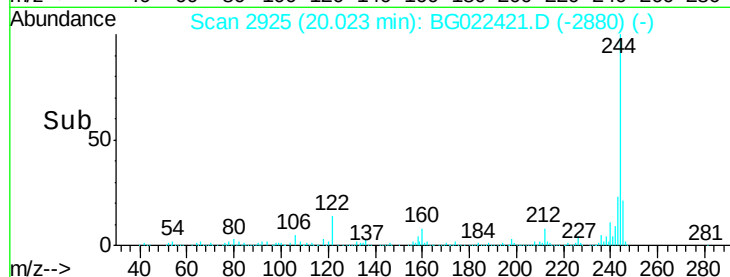
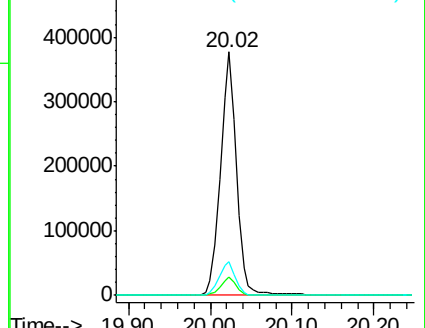
122 13.6 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 52.91 ng

RT: 20.70 min Scan# 3040

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

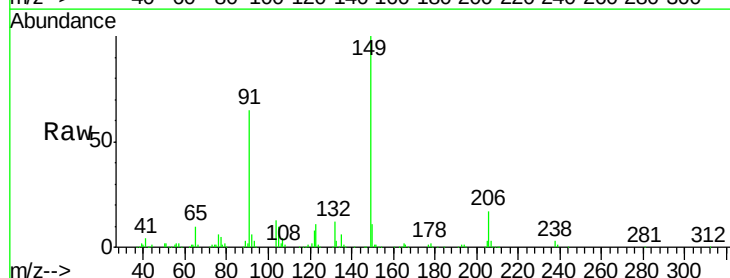
Tgt Ion:149 Resp: 207995

Ion Ratio Lower Upper

149 100

91 65.1 57.8 86.8

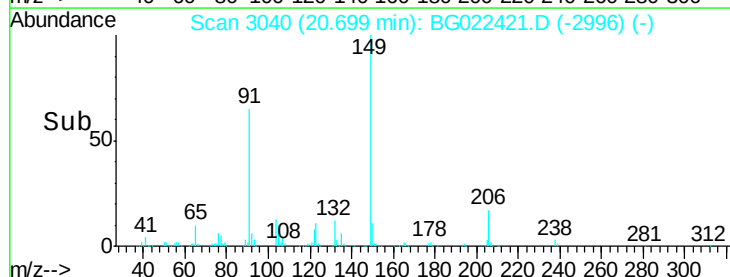
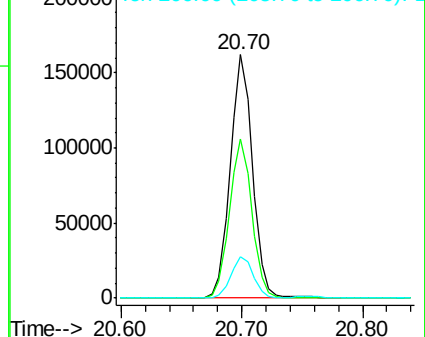
206 16.8 17.0 25.4#

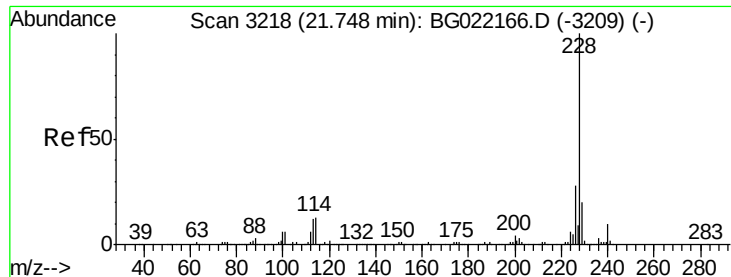


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.74 ng

RT: 21.67 min Scan# 3205

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

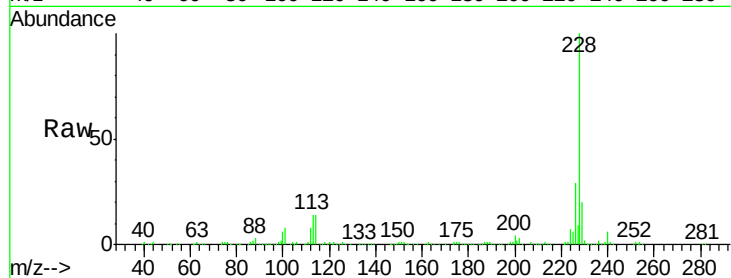
Tgt Ion:228 Resp: 349696

Ion Ratio Lower Upper

228 100

226 29.5 22.6 34.0

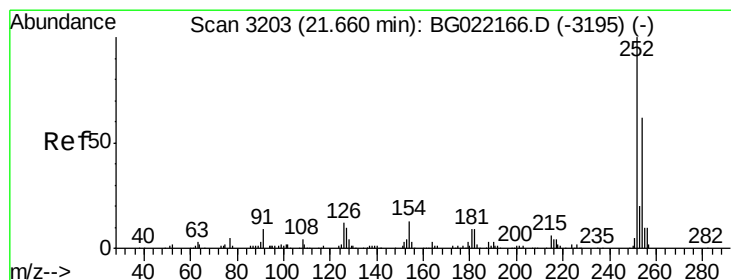
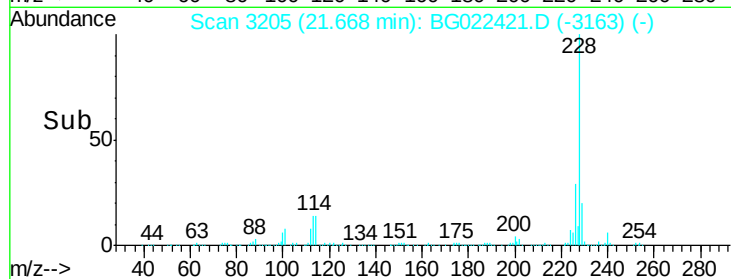
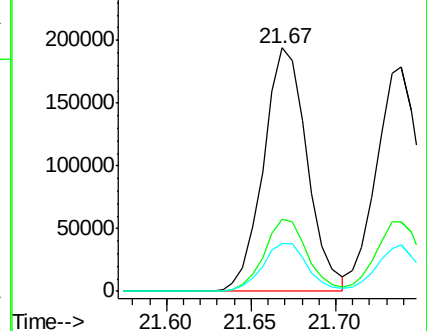
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.26 ng

RT: 21.59 min Scan# 3191

Delta R.T. -0.04 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

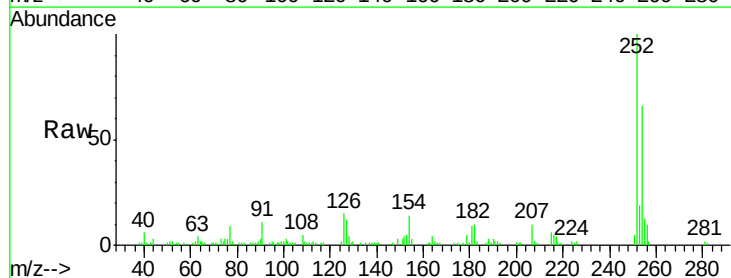
Tgt Ion:252 Resp: 54212

Ion Ratio Lower Upper

252 100

254 66.2 51.8 77.6

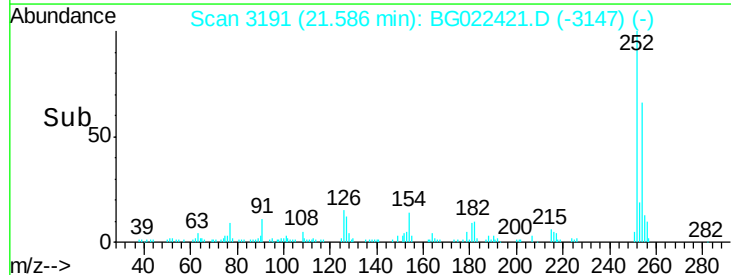
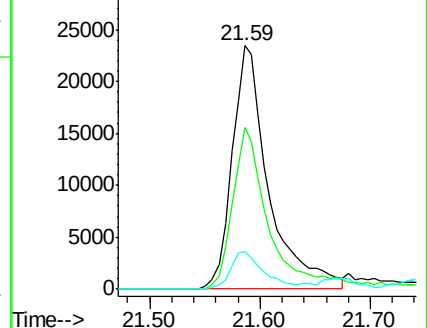
126 15.4 8.8 13.2#

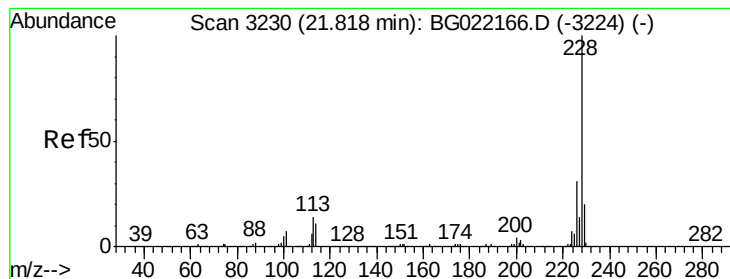


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.76 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

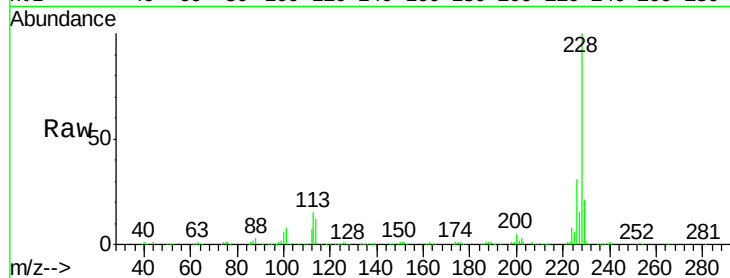
Tgt Ion:228 Resp: 340421

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

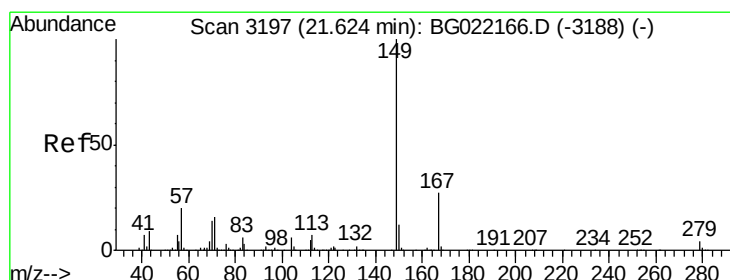
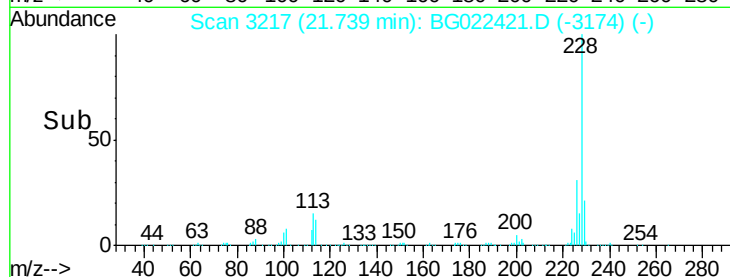
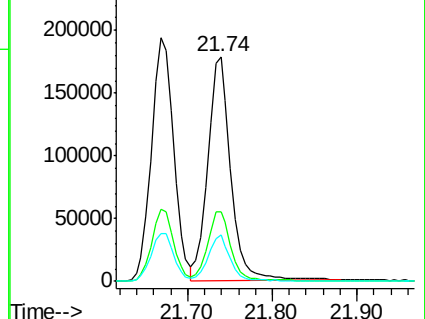
229 20.7 15.9 23.9



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.68 ng

RT: 21.54 min Scan# 3184

Delta R.T. -0.05 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

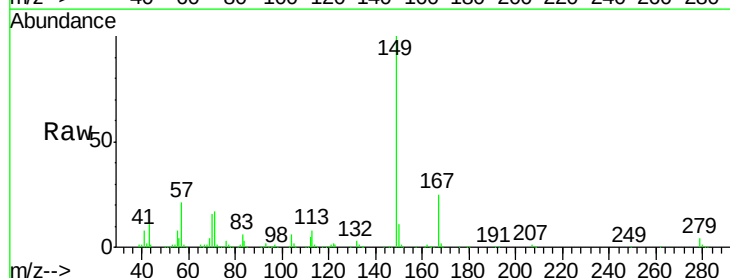
Tgt Ion:149 Resp: 298758

Ion Ratio Lower Upper

149 100

167 25.0 22.4 33.6

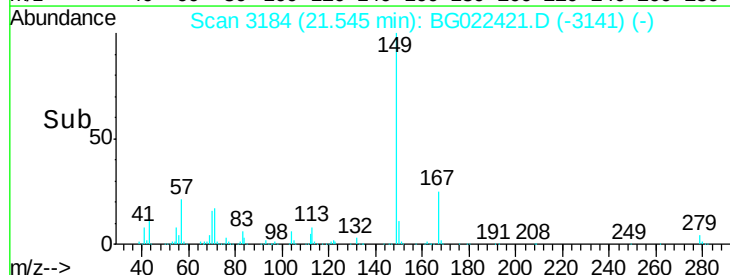
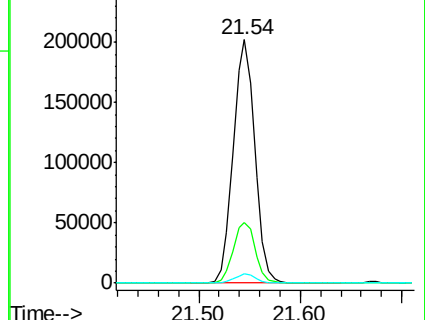
279 3.6 3.2 4.8

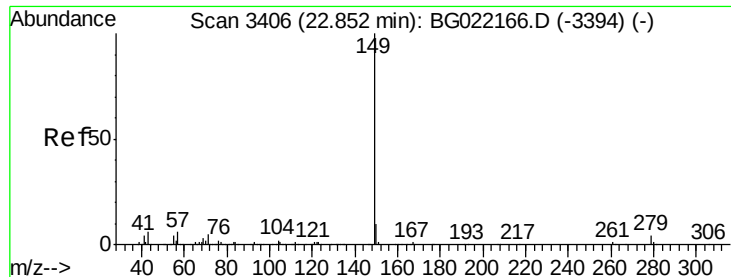


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.48 ng

RT: 22.75 min Scan# 3389

Delta R.T. -0.07 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

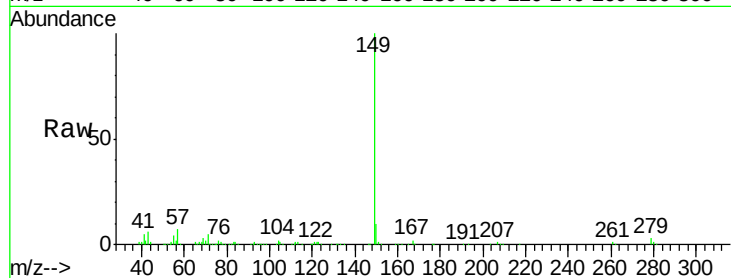
Tgt Ion:149 Resp: 503734

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

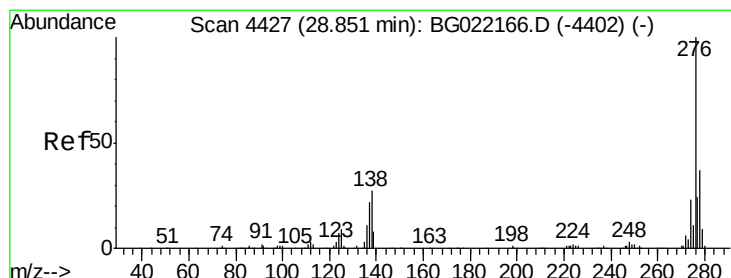
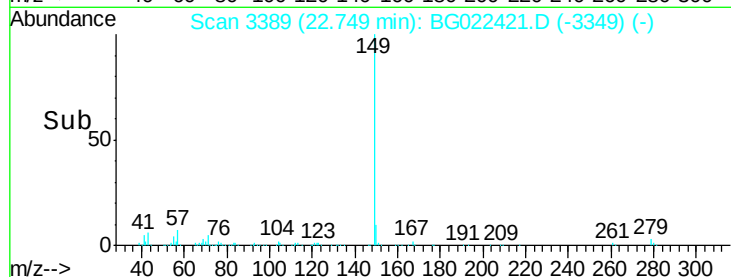
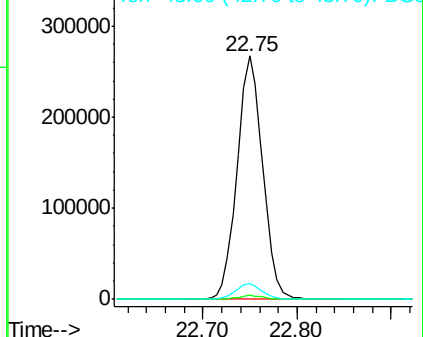
43 6.8 9.8 14.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.48 ng

RT: 28.64 min Scan# 4392

Delta R.T. -0.12 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

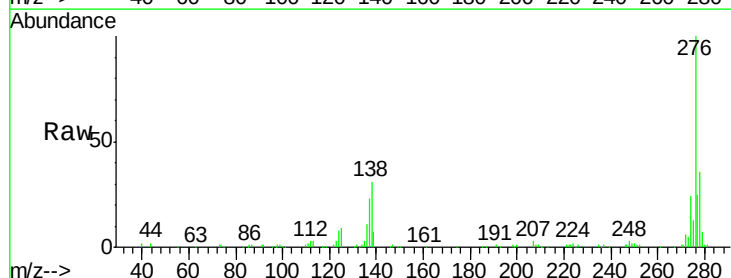
Tgt Ion:276 Resp: 362897

Ion Ratio Lower Upper

276 100

138 17.2 14.0 21.0

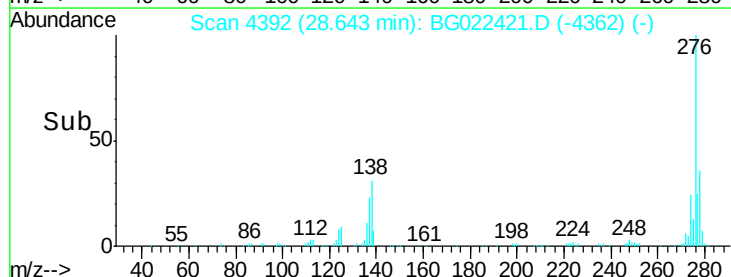
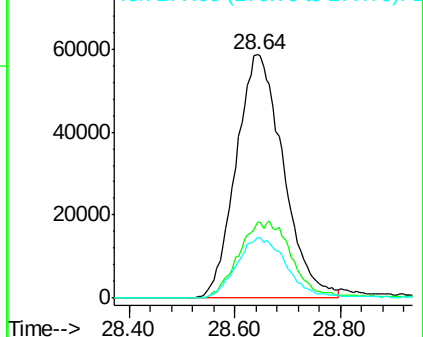
277 26.2 20.6 30.8

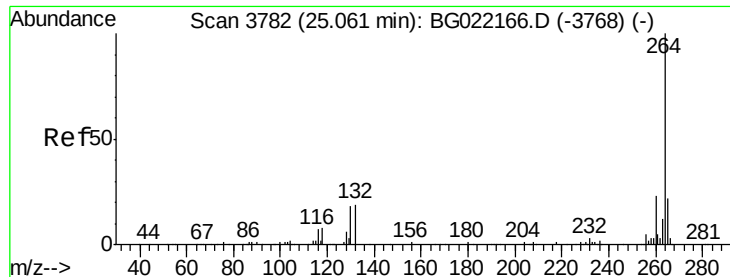


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

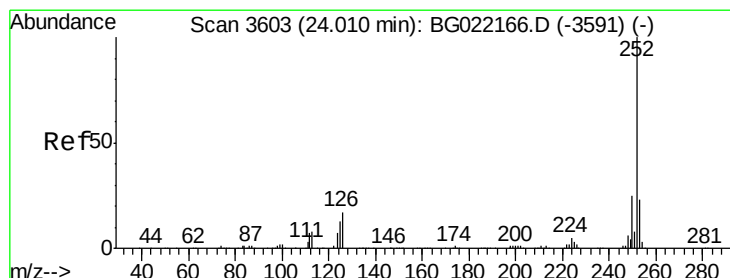
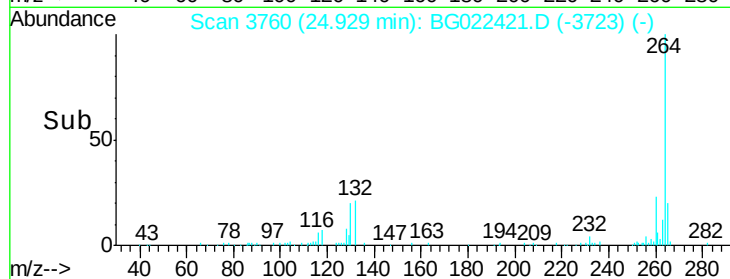
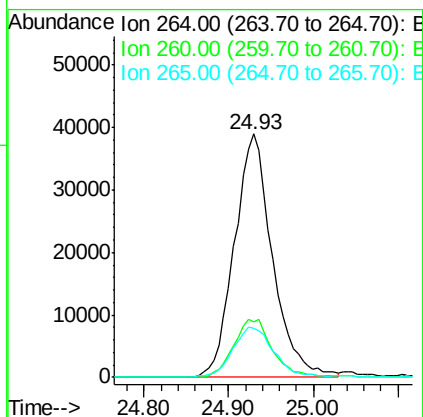
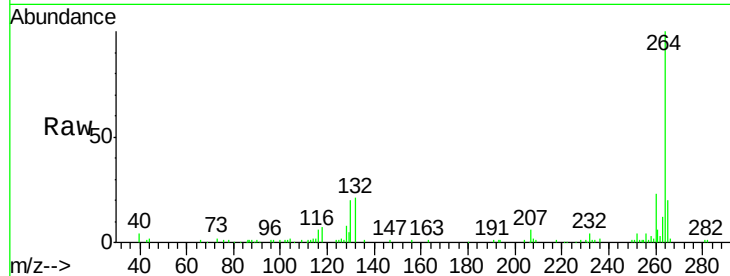




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.93 min Scan# 3760
Delta R.T. -0.08 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

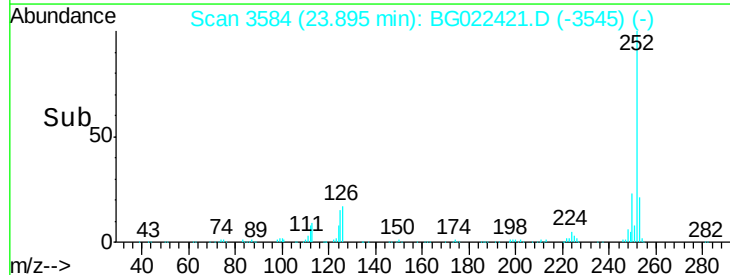
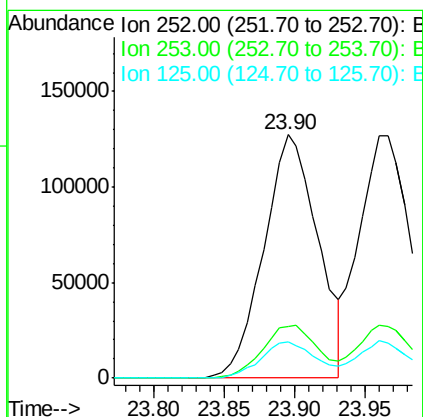
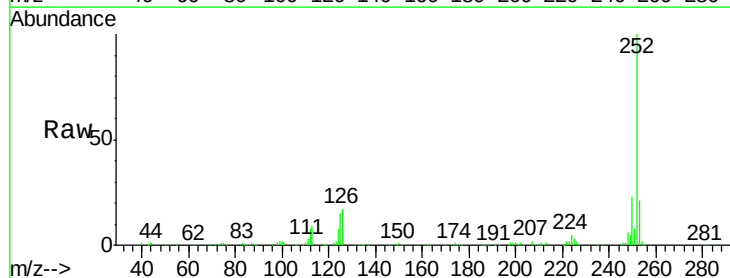
Instrument :
BNA_G
ClientSampleId :
PB91389BS

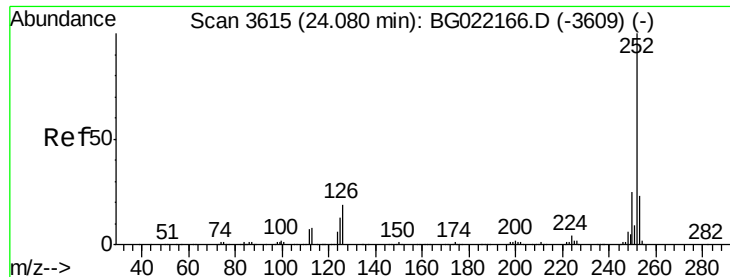
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	20.2	30.4
265	20.0	17.8	26.8



#87
Benzo(b)fluoranthene
Concen: 47.98 ng
RT: 23.90 min Scan# 3584
Delta R.T. -0.07 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	14.7	8.6	13.0





#88

Benzo(k)fluoranthene

Concen: 48.94 ng

RT: 23.97 min Scan# 3596

Delta R.T. -0.08 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

Instrument :

BNA_G

ClientSampleId :

PB91389BS

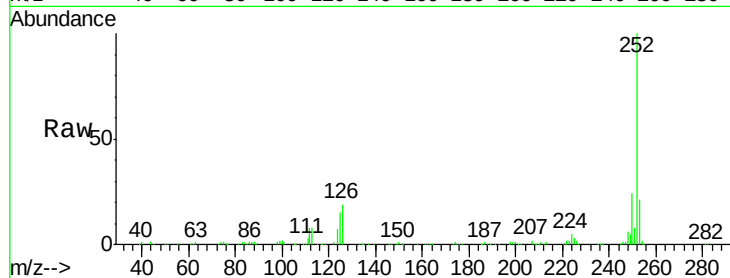
Tgt Ion:252 Resp: 341675

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

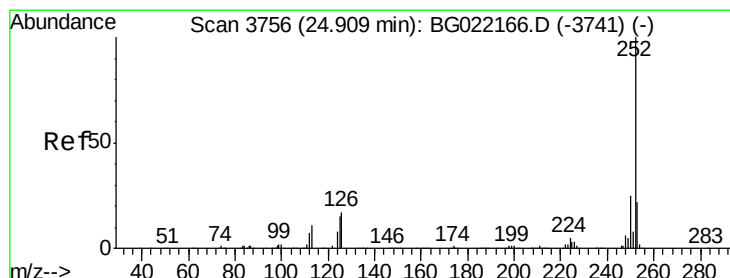
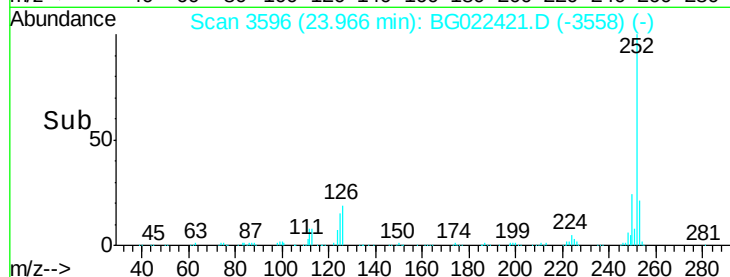
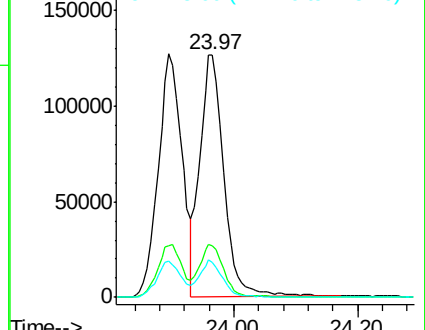
125 14.6 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 47.76 ng

RT: 24.78 min Scan# 3735

Delta R.T. -0.08 min

Lab File: BG022421.D

Acq: 18 Jun 2016 13:19

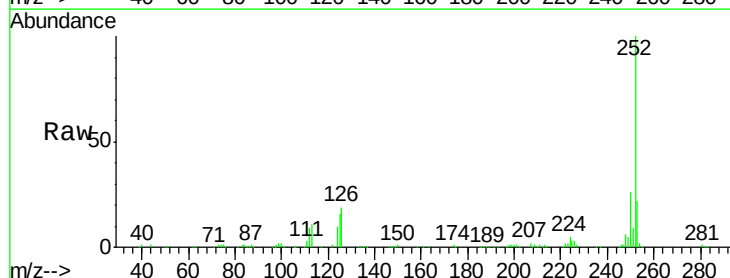
Tgt Ion:252 Resp: 323866

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

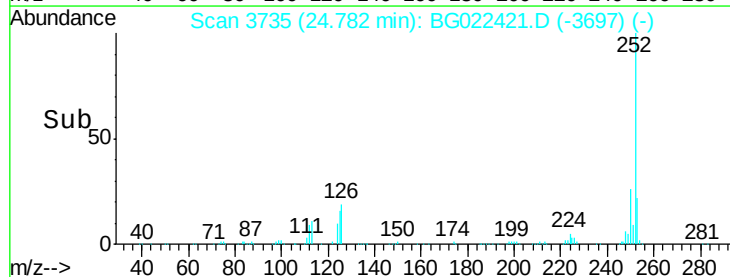
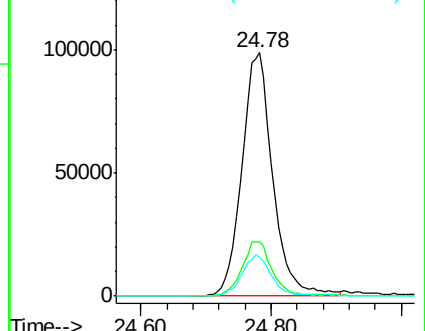
125 15.8 9.6 14.4#

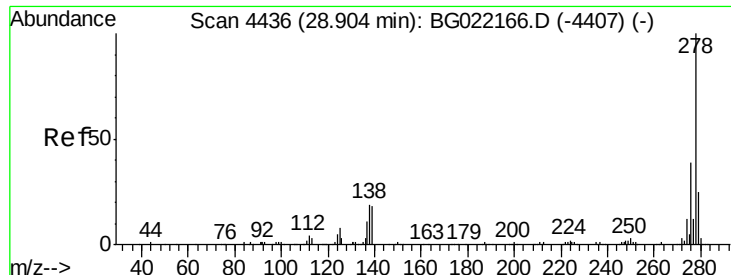


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

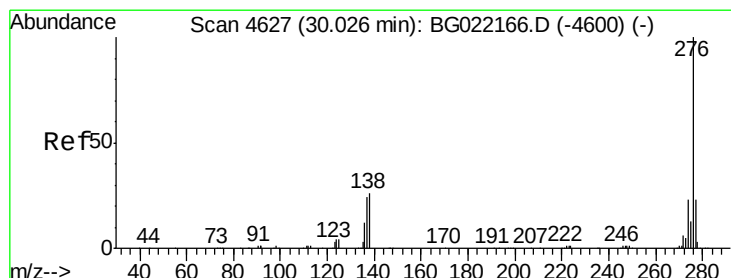
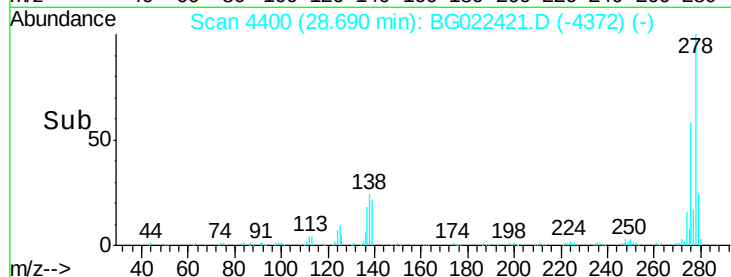
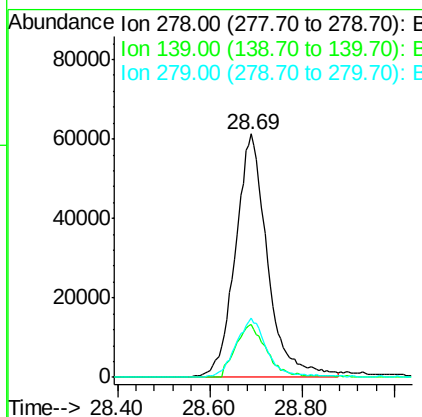
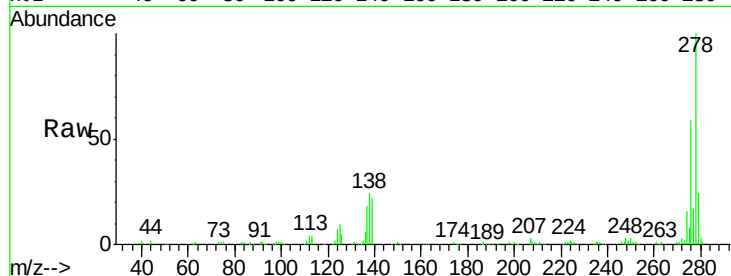




#90
Dibenzo(a,h)anthracene
Concen: 46.50 ng
RT: 28.69 min Scan# 4400
Delta R.T. -0.14 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Instrument :
BNA_G
ClientSampleId :
PB91389BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	11.9	17.9#
279	24.4	18.2	27.2



#91
Benzo(g,h,i)perylene
Concen: 45.62 ng
RT: 29.80 min Scan# 4589
Delta R.T. -0.14 min
Lab File: BG022421.D
Acq: 18 Jun 2016 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.2
138	28.8	17.4	26.0#

