

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022307.D
 Acq On : 11 Jun 2016 4:36
 Operator : UM/SJ
 Sample : H3448-21MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Quant Time: Jun 12 02:55:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	29454	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	150986	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	85430	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	181008	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	155715	20.00	ng	-0.01
86) Perylene-d12	25.05	264	146611	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	252459	165.72	ng	-0.01
7) Phenol-d6	7.27	99	372036	155.33	ng	0.00
23) Nitrobenzene-d5	9.28	82	206855	95.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	113480	117.56	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	469769	83.80	ng	0.00
78) Terphenyl-d14	20.08	244	583275	88.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	24745	33.88	ng	# 77
3) Pyridine	3.91	79	14462	7.33	ng	# 84
4) n-Nitrosodimethylamine	3.83	42	22676	51.38	ng	92
6) Aniline	7.43	93	78248	25.71	ng	# 82
8) 2-Chlorophenol	7.67	128	121285	57.60	ng	# 82
9) Benzaldehyde	7.25	77	5410	4.10	ng	# 81
10) Phenol	7.30	94	151755	61.45	ng	82
11) bis(2-Chloroethyl)ether	7.52	93	104531	53.09	ng	# 75
12) 1,3-Dichlorobenzene	7.99	146	110567	48.99	ng	# 94
13) 1,4-Dichlorobenzene	8.14	146	112978	50.24	ng	92
14) 1,2-Dichlorobenzene	8.46	146	112532	49.64	ng	98
15) Benzyl Alcohol	8.34	79	85640	55.34	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.63	45	117437	57.49	ng	86
17) 2-Methylphenol	8.56	107	103651	56.25	ng	# 85
18) Hexachloroethane	9.19	117	42496	51.75	ng	# 80
19) n-Nitroso-di-n-propylamine	8.91	70	84288	51.99	ng	# 71
20) 3+4-Methylphenols	8.88	107	142804	54.03	ng	96
22) Acetophenone	8.94	105	168595	51.82	ng	# 83
24) Nitrobenzene	9.32	77	121885	55.97	ng	# 85
25) Isophorone	9.84	82	248404	49.03	ng	97
26) 2-Nitrophenol	10.04	139	66698	56.48	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	119024	55.68	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	152900	52.67	ng	94
29) 2,4-Dichlorophenol	10.58	162	111675	56.40	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	109904	49.67	ng	95
31) Naphthalene	10.98	128	377124	50.04	ng	# 94
32) Benzoic acid	10.23	122	30049	43.17	ng	# 88
33) 4-Chloroaniline	11.09	127	56199	17.93	ng	# 90
34) Hexachlorobutadiene	11.25	225	56874	47.88	ng	100
35) Caprolactam	11.86	113	14151	13.03	ng	# 53
36) 4-Chloro-3-methylphenol	12.21	107	123340	52.55	ng	# 85
37) 2-Methylnaphthalene	12.57	142	273579	49.17	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	112610	51.21	ng	# 97
40) Hexachlorocyclopentadiene	12.91	237	105172	92.92	ng	99

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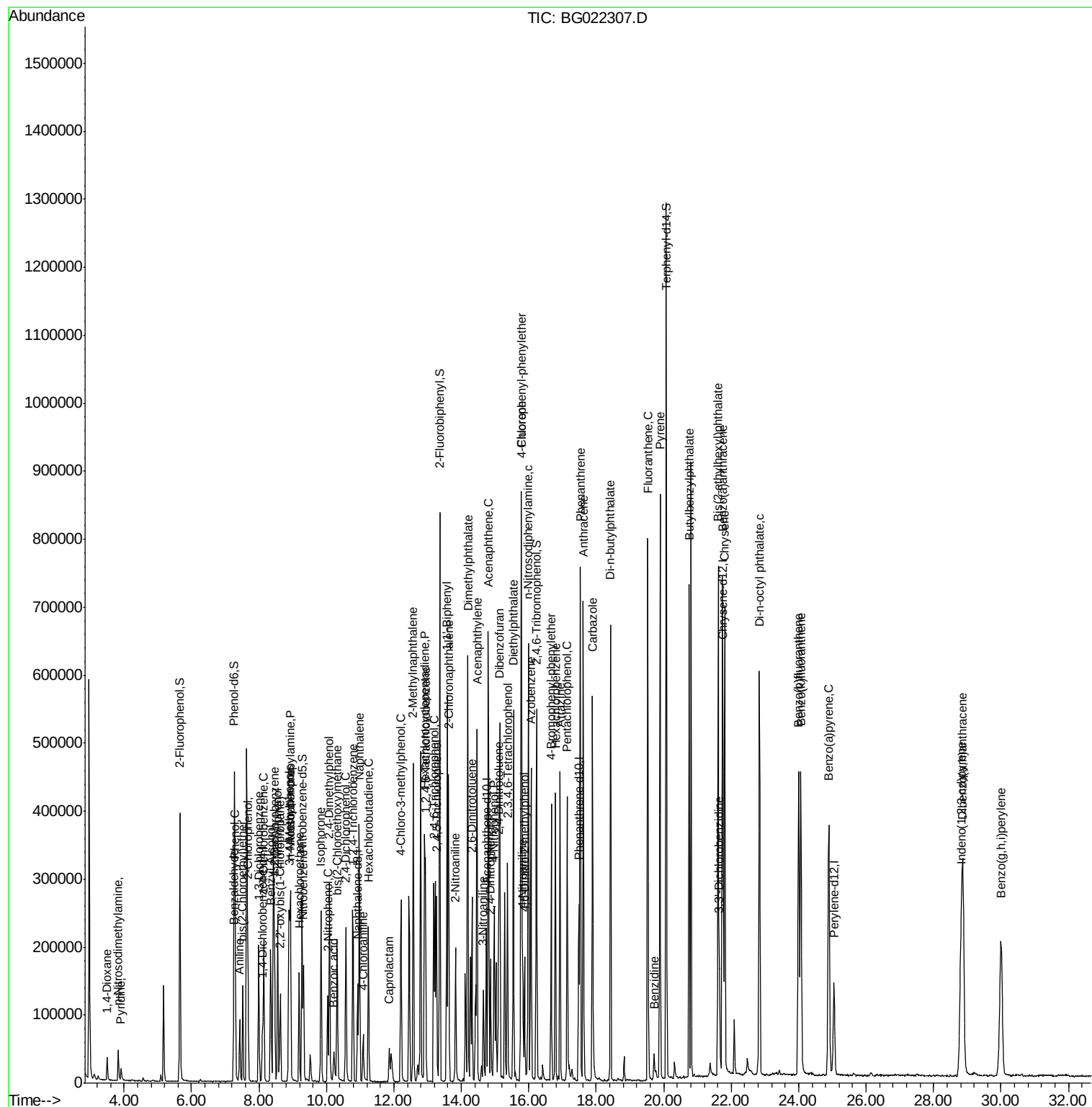
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	82400	55.85	ng	95
43) 2,4,5-Trichlorophenol	13.26	196	87456	53.66	ng	96
45) 1,1'-Biphenyl	13.57	154	344412	53.57	ng	93
46) 2-Chloronaphthalene	13.62	162	265717	53.91	ng	98
47) 2-Nitroaniline	13.83	65	68181	58.02	ng	# 63
48) Acenaphthylene	14.47	152	442555	51.18	ng	97
49) Dimethylphthalate	14.19	163	518355	73.18	ng	98
50) 2,6-Dinitrotoluene	14.31	165	77264	50.18	ng	# 84
51) Acenaphthene	14.80	154	264858	51.12	ng	97
52) 3-Nitroaniline	14.65	138	57563	33.70	ng	# 86
53) 2,4-Dinitrophenol	14.87	184	60894	94.54	ng	# 79
54) Dibenzofuran	15.14	168	404327	50.01	ng	100
55) 4-Nitrophenol	14.97	139	122755	104.14	ng	# 76
56) 2,4-Dinitrotoluene	15.11	165	107062	51.83	ng	# 84
57) Fluorene	15.78	166	343205	49.28	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	72871	49.85	ng	95
59) Diethylphthalate	15.54	149	352986	46.65	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	155020	49.15	ng	95
61) 4-Nitroaniline	15.82	138	80503	44.44	ng	84
62) Azobenzene	16.06	77	309642	54.04	ng	87
64) 4,6-Dinitro-2-methylphenol	15.87	198	51359	55.05	ng	85
65) n-Nitrosodiphenylamine	15.99	169	285269	54.71	ng	99
66) 4-Bromophenyl-phenylether	16.66	248	88818	52.37	ng	97
67) Hexachlorobenzene	16.79	284	96017	48.57	ng	99
68) Atrazine	16.93	200	91528	47.42	ng	96
69) Pentachlorophenol	17.14	266	90956	99.67	ng	98
70) Phenanthrene	17.53	178	500383	50.90	ng	98
71) Anthracene	17.62	178	492132	50.47	ng	96
72) Carbazole	17.89	167	468832	50.77	ng	98
73) Di-n-butylphthalate	18.42	149	611956	50.69	ng	99
74) Fluoranthene	19.53	202	539581	47.74	ng	96
76) Benzidine	19.71	184	49484	12.15	ng	98
77) Pyrene	19.89	202	536783	55.45	ng	99
79) Butylbenzylphthalate	20.75	149	262267	58.42	ng	94
80) Benzo(a)anthracene	21.74	228	460756	52.77	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	73550	30.00	ng	# 97
82) Chrysene	21.80	228	433214	50.99	ng	100
83) Bis(2-ethylhexyl)phthalate	21.61	149	380355	57.61	ng	97
84) Di-n-octyl phthalate	22.84	149	641682	58.54	ng	# 87
85) Indeno(1,2,3-cd)pyrene	28.82	276	480610	50.42	ng	# 85
87) Benzo(b)fluoranthene	24.00	252	436735	51.08	ng	# 96
88) Benzo(k)fluoranthene	24.07	252	418622	49.73	ng	# 97
89) Benzo(a)pyrene	24.90	252	422195	51.64	ng	# 93
90) Dibenzo(a,h)anthracene	28.87	278	393042	51.05	ng	# 91
91) Benzo(g,h,i)perylene	30.01	276	390207	48.71	ng	# 92

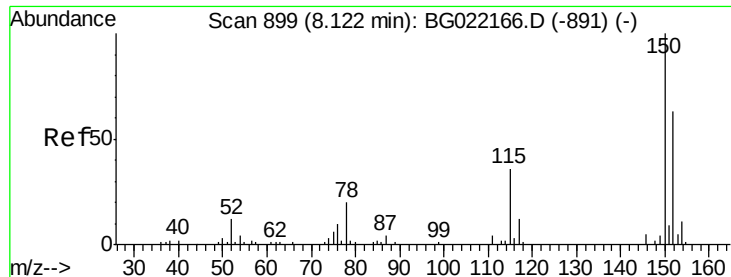
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

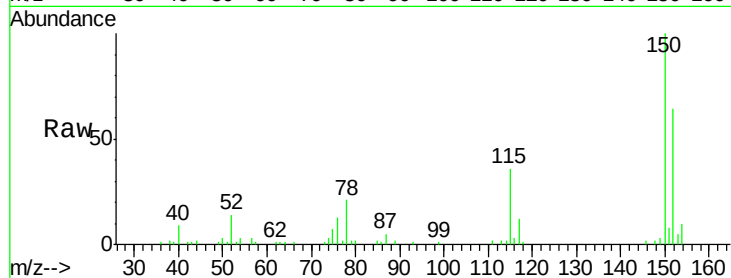
Tgt Ion:152 Resp: 29454

Ion Ratio Lower Upper

152 100

150 156.9 130.1 195.1

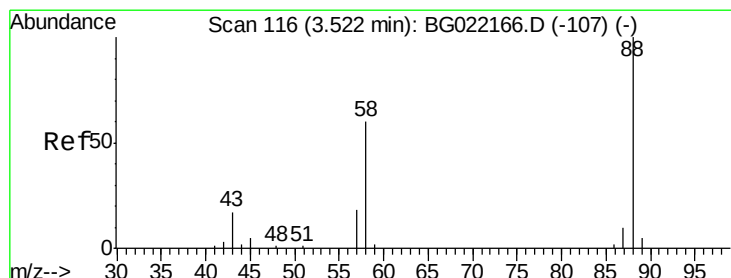
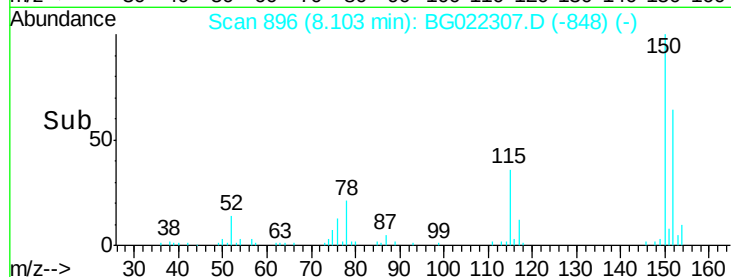
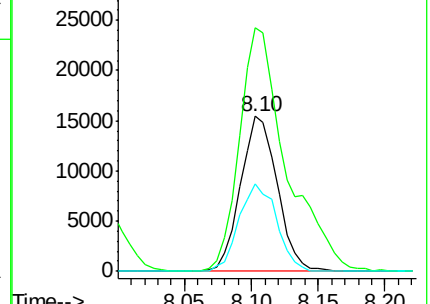
115 56.1 62.2 93.2#



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: 33.88 ng

RT: 3.50 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

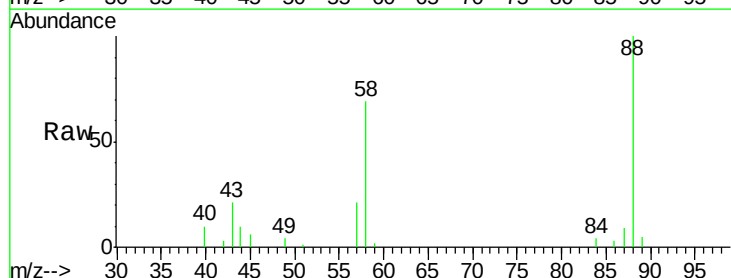
Tgt Ion: 88 Resp: 24745

Ion Ratio Lower Upper

88 100

58 62.4 36.8 55.2#

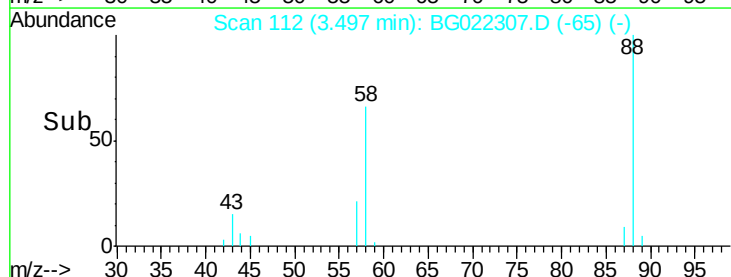
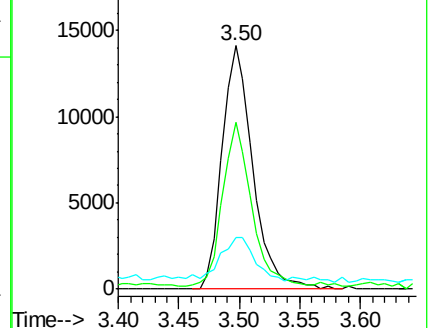
43 20.2 10.4 15.6#

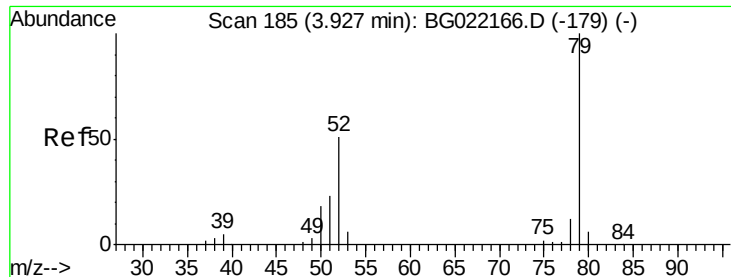


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 7.33 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

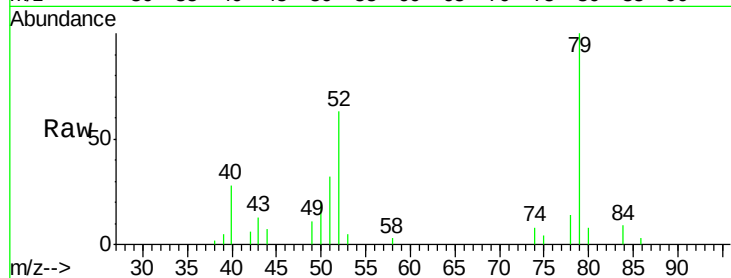
Tgt Ion: 79 Resp: 14462

Ion Ratio Lower Upper

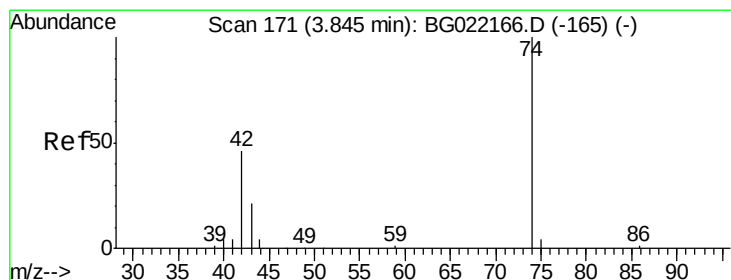
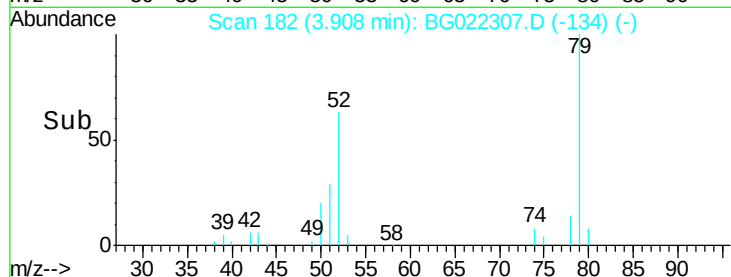
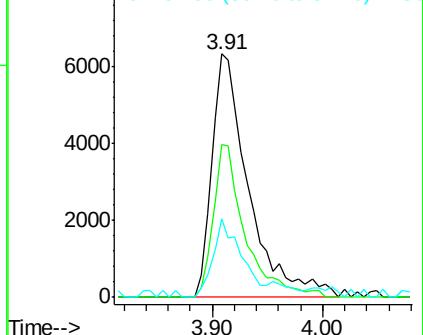
79 100

52 62.6 41.6 62.4#

51 32.2 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: 51.38 ng

RT: 3.83 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

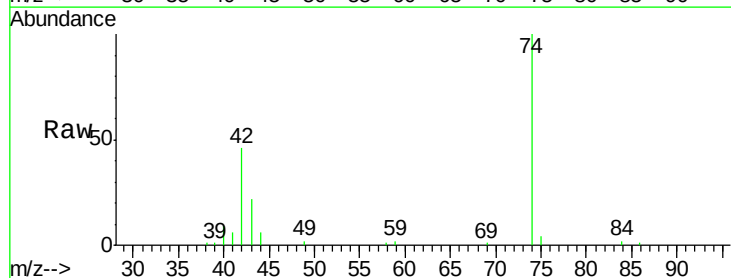
Tgt Ion: 42 Resp: 22676

Ion Ratio Lower Upper

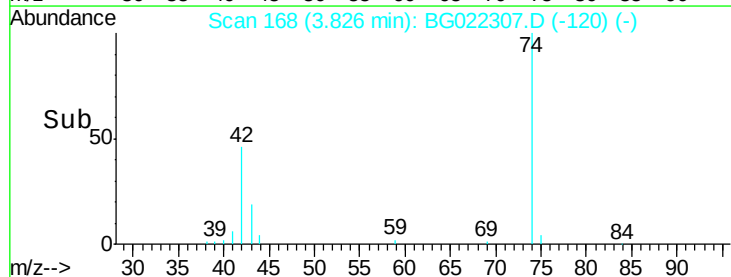
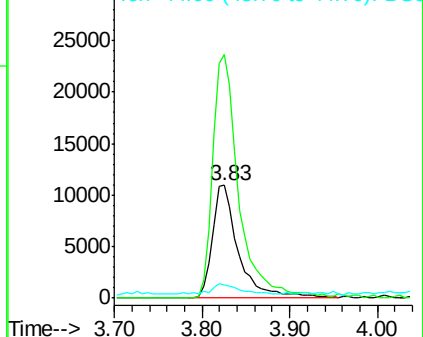
42 100

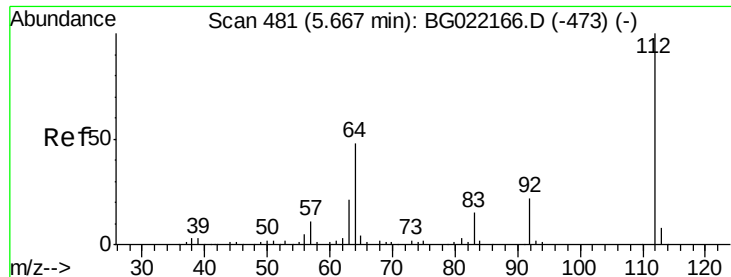
74 215.9 184.0 276.0

44 12.1 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: 165.72 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

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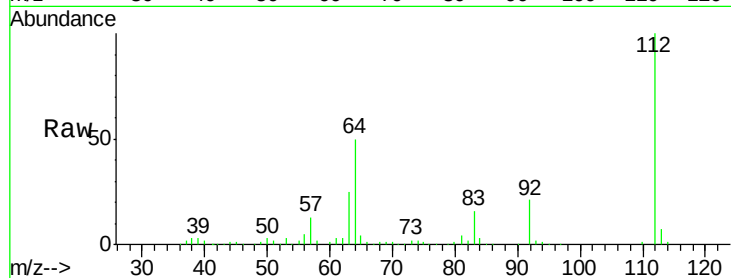
Tgt Ion: 112 Resp: 252459

Ion Ratio Lower Upper

112 100

64 50.4 51.1 76.7#

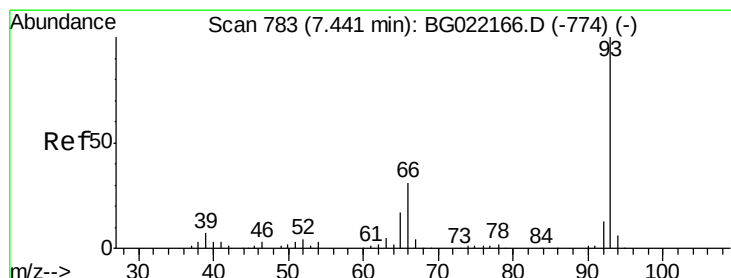
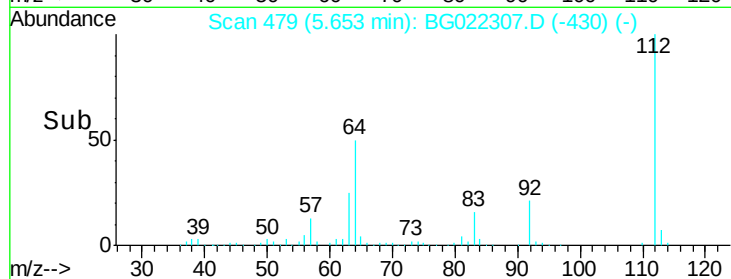
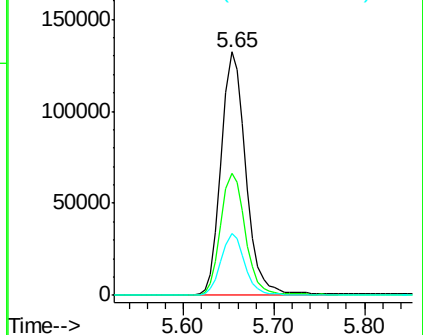
63 25.3 24.6 37.0



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: 25.71 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

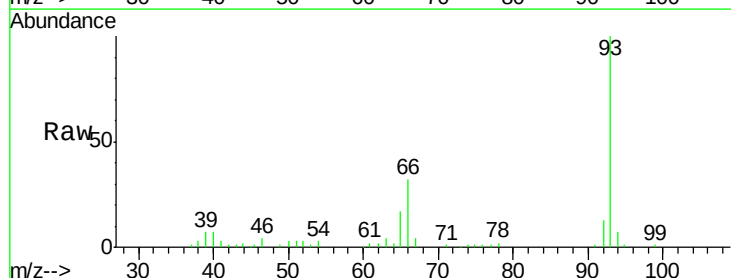
Tgt Ion: 93 Resp: 78248

Ion Ratio Lower Upper

93 100

66 31.9 36.3 54.5#

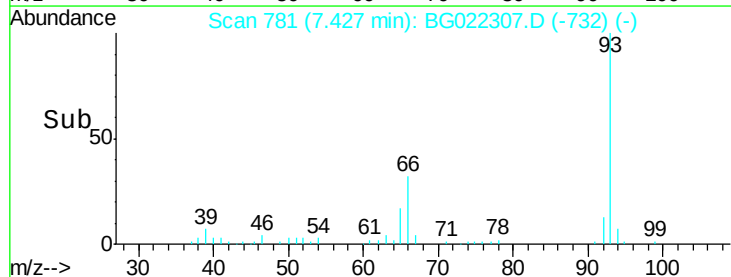
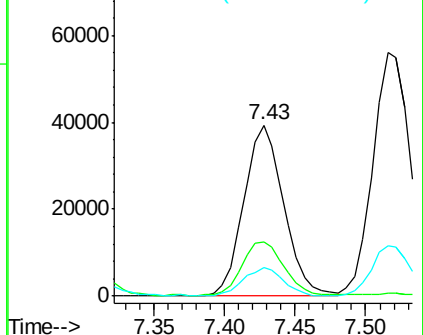
65 16.8 18.4 27.6#

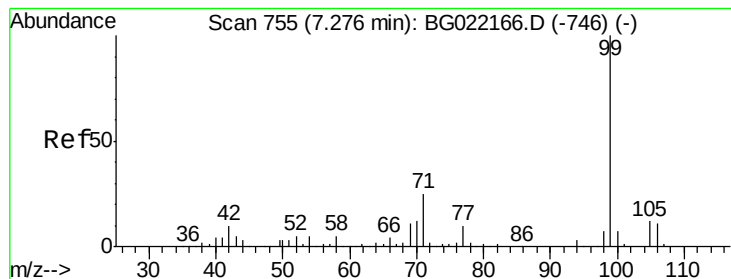


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.33 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

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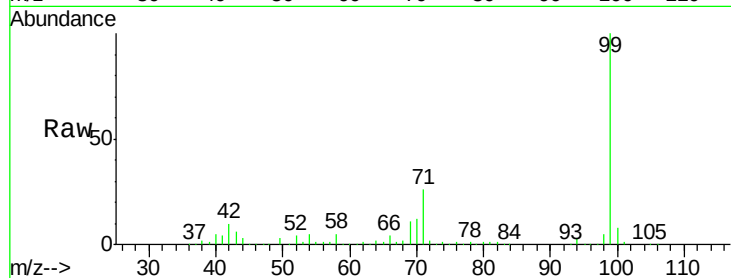
Tgt Ion: 99 Resp: 372036

Ion Ratio Lower Upper

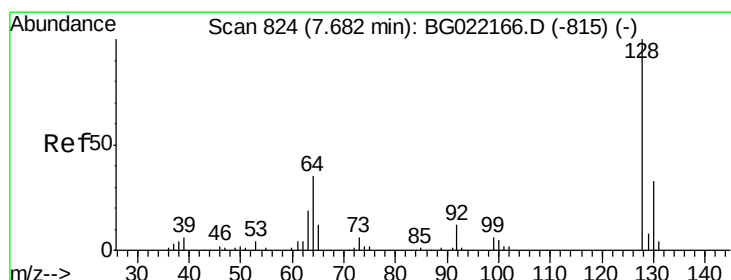
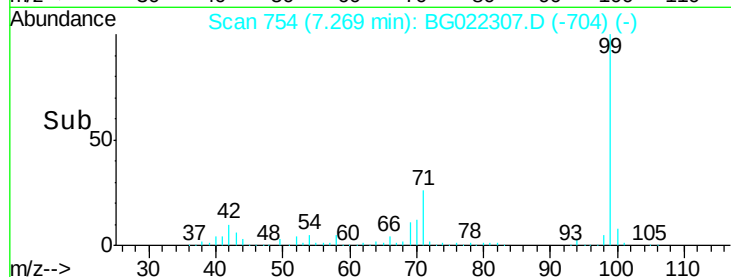
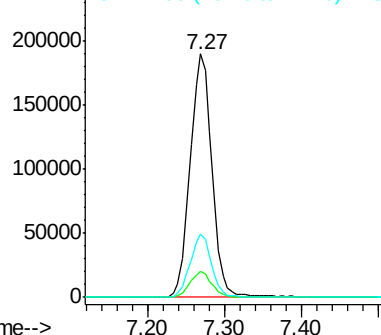
99 100

42 10.5 16.4 24.6#

71 25.8 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: 57.60 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

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Acq: 11 Jun 2016 4:36

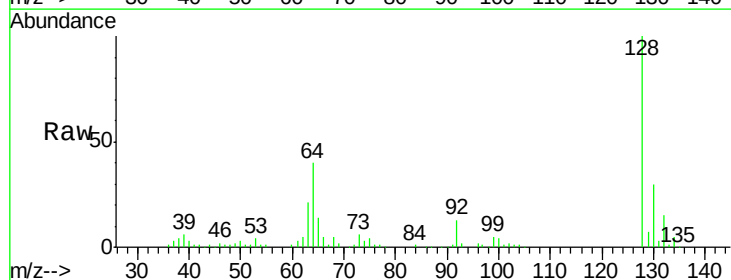
Tgt Ion: 128 Resp: 121285

Ion Ratio Lower Upper

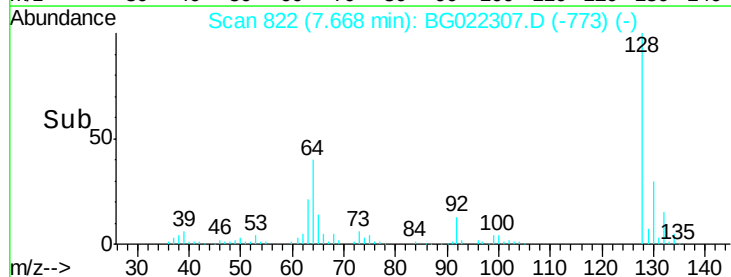
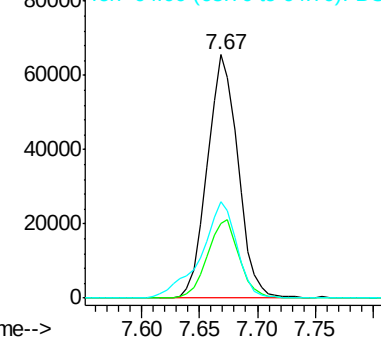
128 100

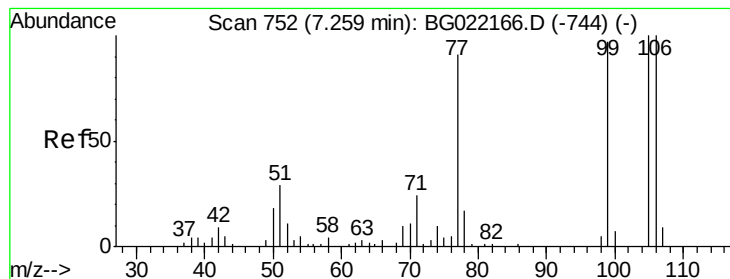
130 30.5 11.2 51.2

64 39.7 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





#9

Benzaldehyde

Concen: 4.10 ng

RT: 7.25 min Scan# 750

Delta R.T. -0.01 min

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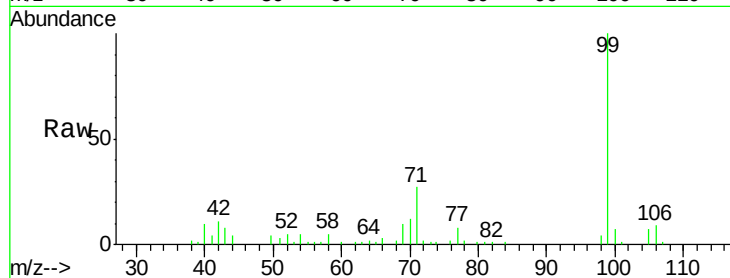
Tgt Ion: 77 Resp: 5410

Ion Ratio Lower Upper

77 100

105 92.1 62.1 102.1

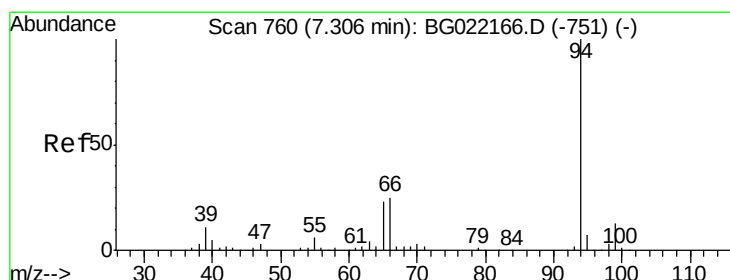
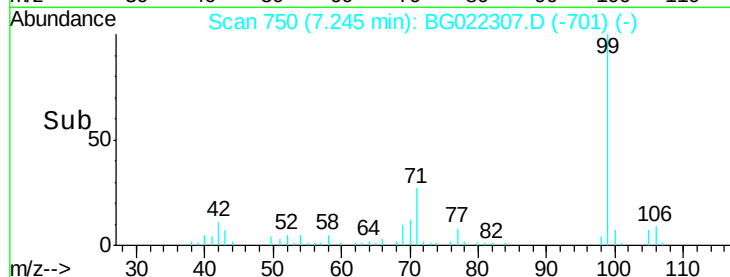
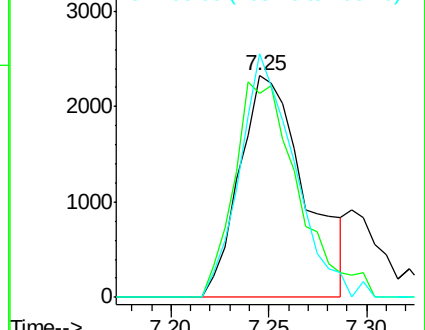
106 109.8 65.6 105.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 61.45 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

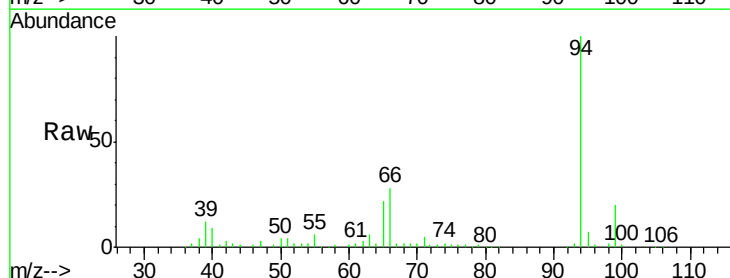
Tgt Ion: 94 Resp: 151755

Ion Ratio Lower Upper

94 100

65 22.5 9.8 49.8

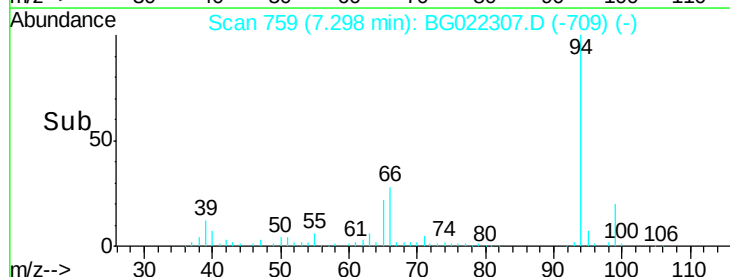
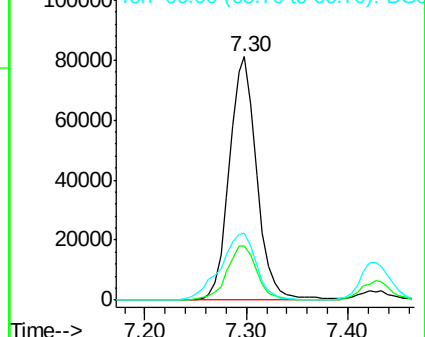
66 27.7 20.8 60.8

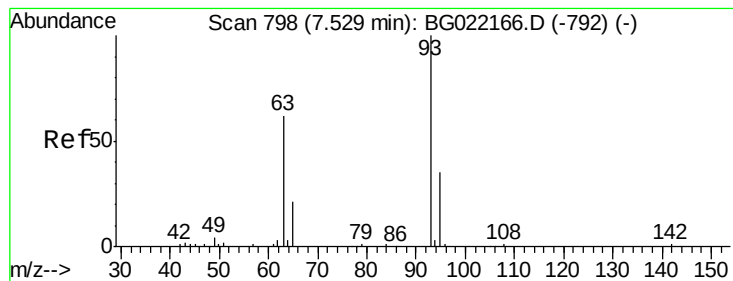


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 53.09 ng

RT: 7.52 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

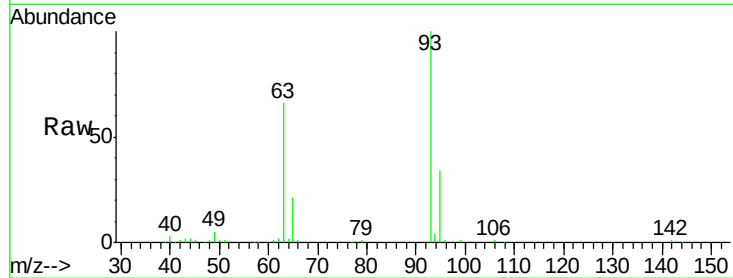
Tgt Ion: 93 Resp: 104531

Ion Ratio Lower Upper

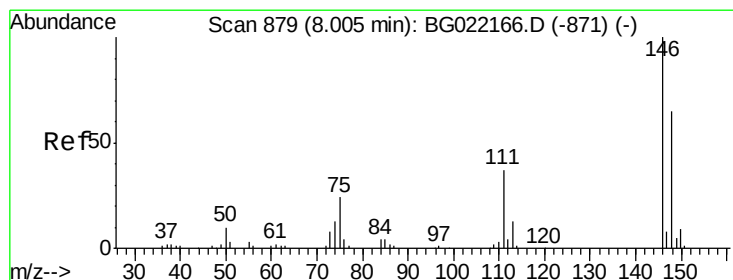
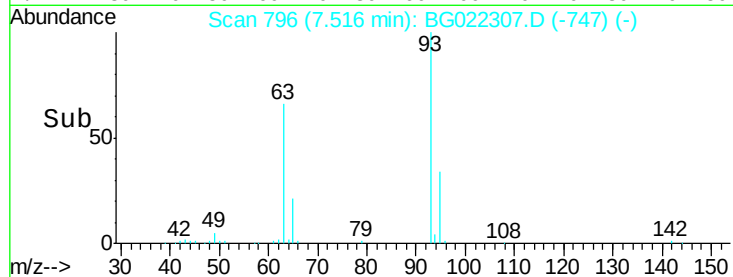
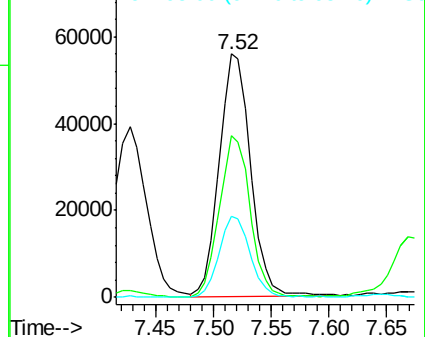
93 100

63 66.3 74.9 114.9#

95 33.5 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: 48.99 ng

RT: 7.99 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

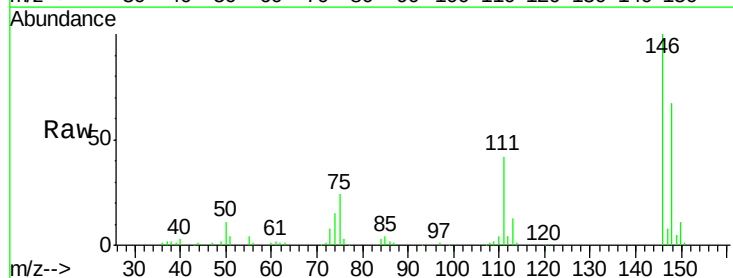
Tgt Ion: 146 Resp: 110567

Ion Ratio Lower Upper

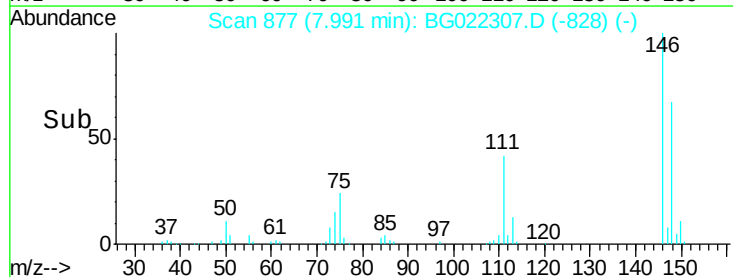
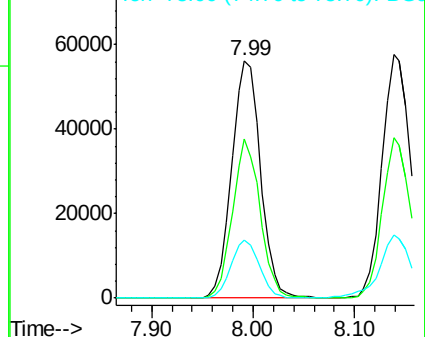
146 100

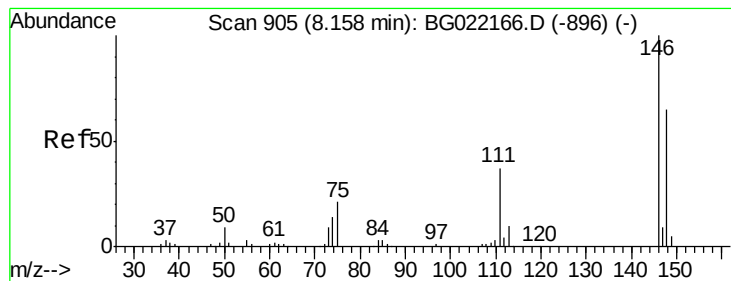
148 67.0 53.7 80.5

75 24.3 27.4 41.0#



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





#13

1,4-Dichlorobenzene

Concen: 50.24 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

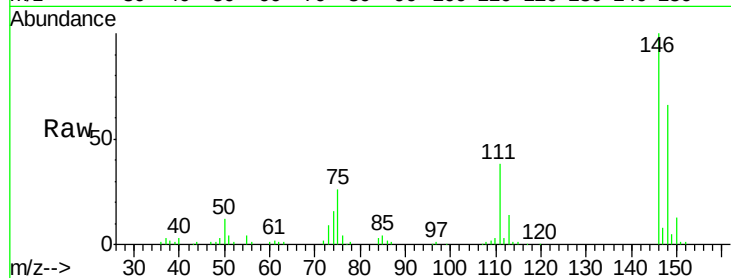
Tgt Ion:146 Resp: 112978

Ion Ratio Lower Upper

146 100

148 65.9 46.7 70.1

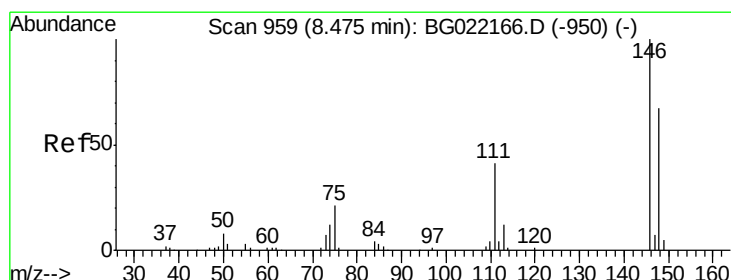
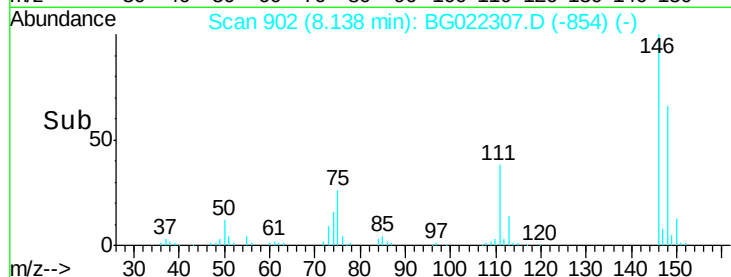
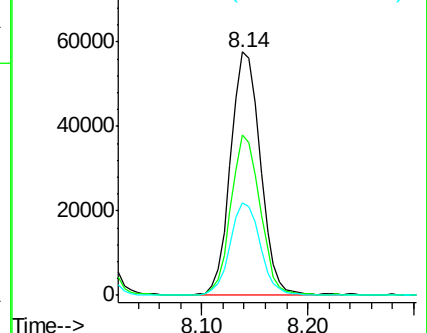
111 38.0 33.0 49.6



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: 49.64 ng

RT: 8.46 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

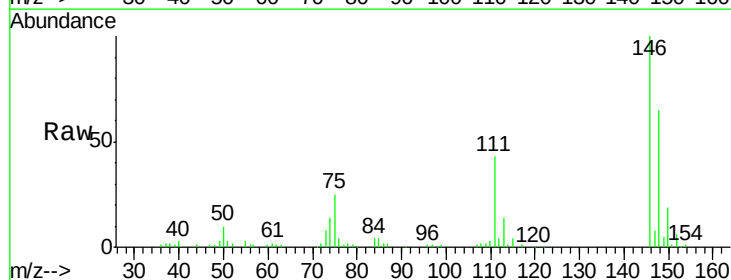
Tgt Ion:146 Resp: 112532

Ion Ratio Lower Upper

146 100

148 64.8 52.6 79.0

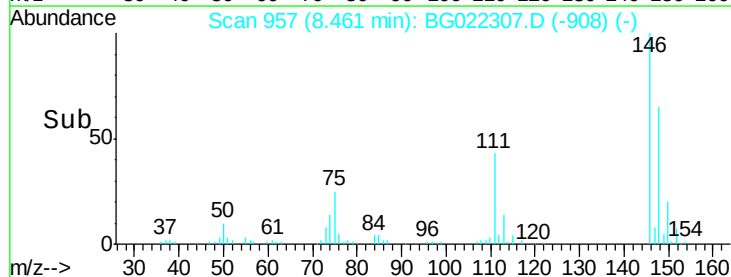
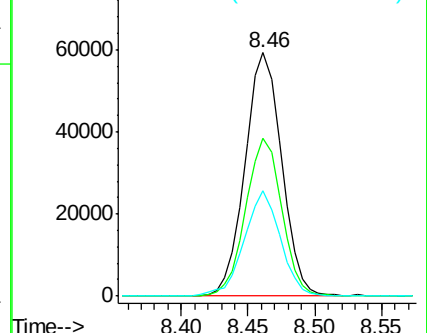
111 43.1 36.1 54.1

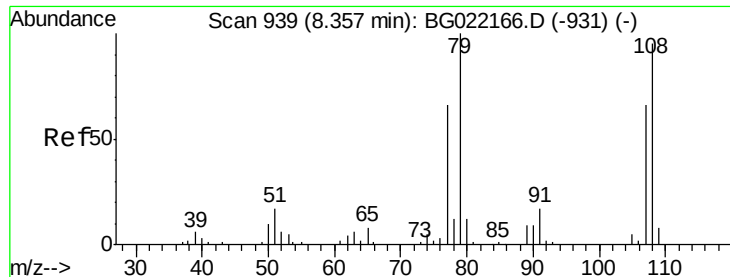


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

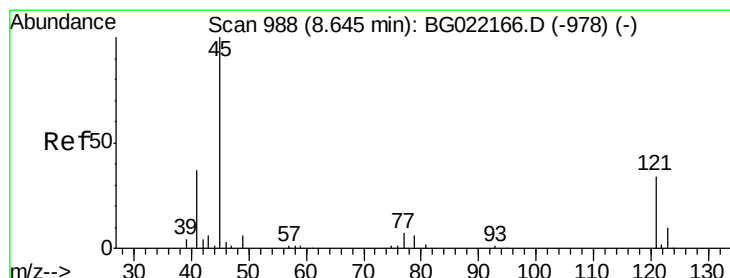
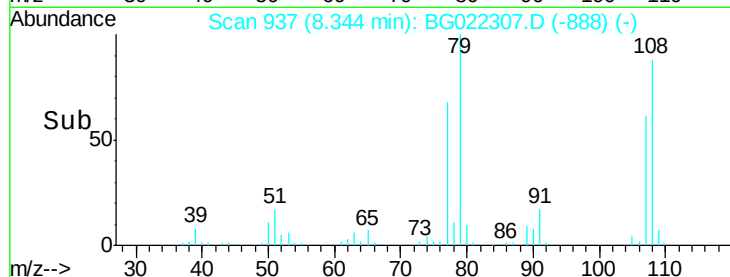
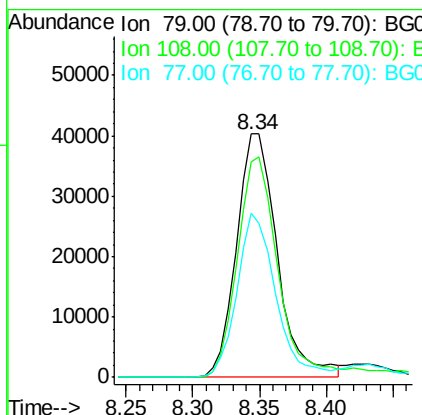
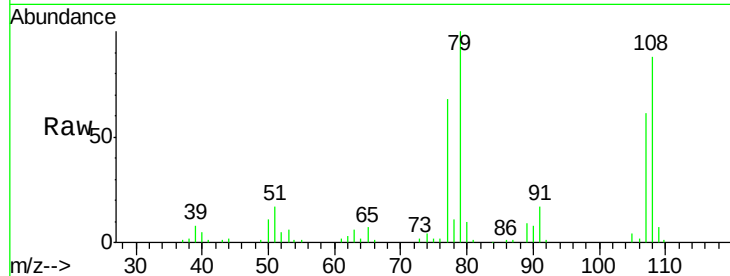




#15
Benzyl Alcohol
Concen: 55.34 ng
RT: 8.34 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

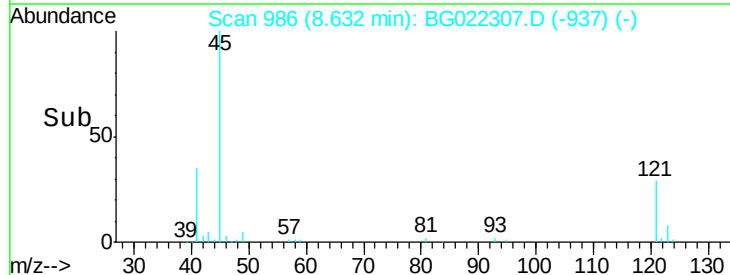
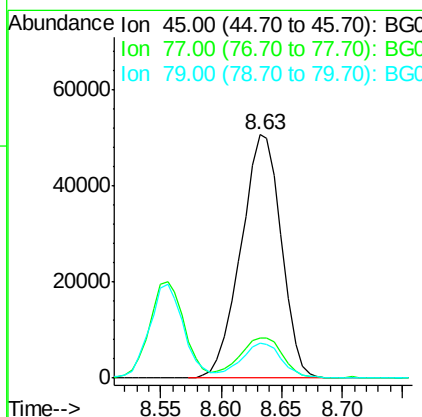
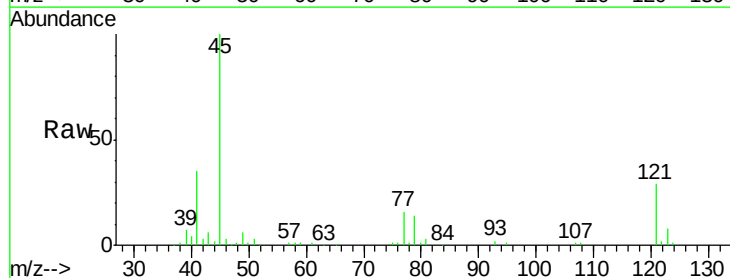
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

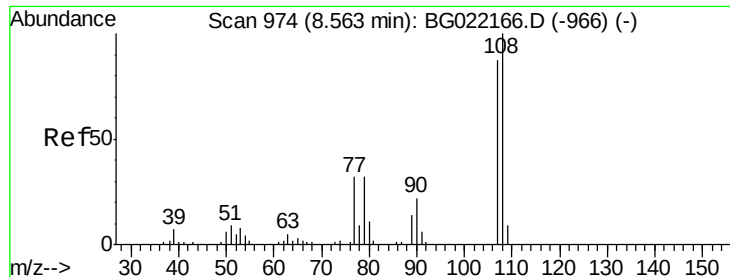
Tgt Ion: 79 Resp: 85640
Ion Ratio Lower Upper
79 100
108 88.3 59.4 89.0
77 67.7 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.49 ng
RT: 8.63 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion: 45 Resp: 117437
Ion Ratio Lower Upper
45 100
77 16.5 0.0 31.2
79 14.5 0.0 29.0





#17

2-Methylphenol

Concen: 56.25 ng

RT: 8.56 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:107 Resp: 103651

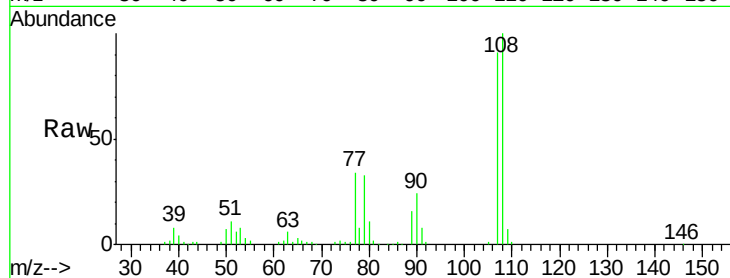
Ion Ratio Lower Upper

107 100

108 109.5 80.2 120.4

77 37.1 40.7 61.1#

79 36.2 39.8 59.8#

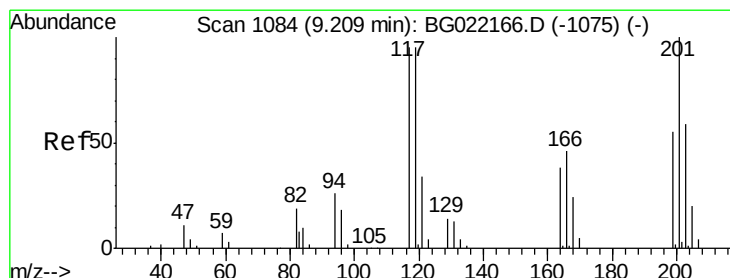
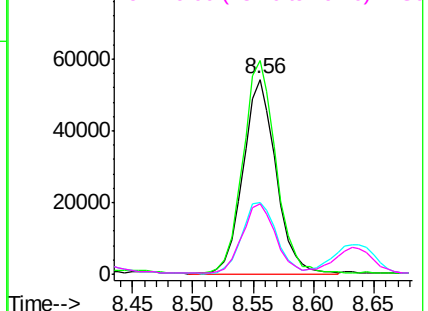
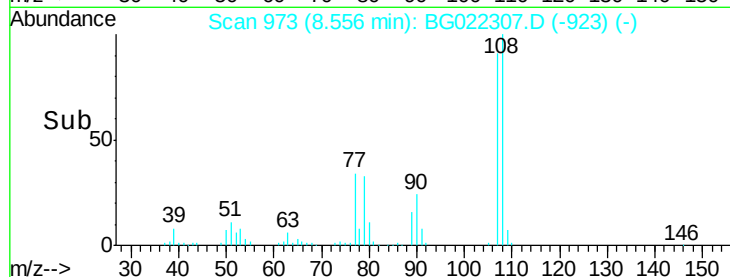


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 51.75 ng

RT: 9.19 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

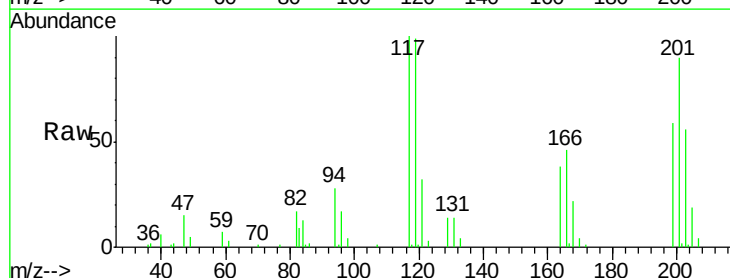
Tgt Ion:117 Resp: 42496

Ion Ratio Lower Upper

117 100

119 98.7 63.9 95.9#

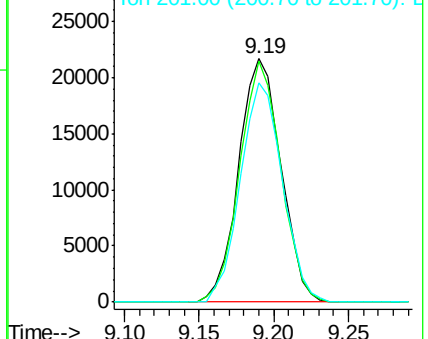
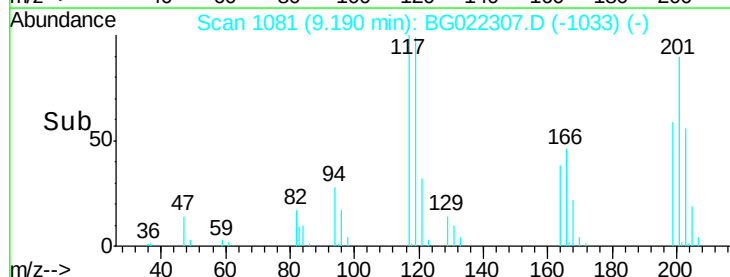
201 92.2 61.2 91.8#

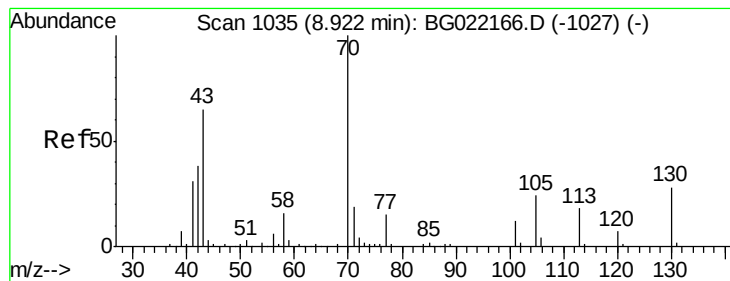


Abundance Ion 117.00 (116.70 to 117.70): E

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: 51.99 ng

RT: 8.91 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion: 70 Resp: 84288

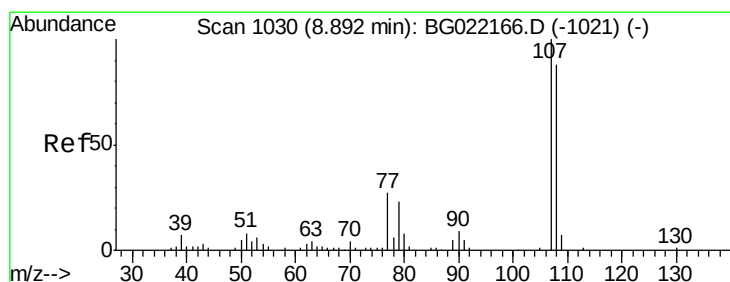
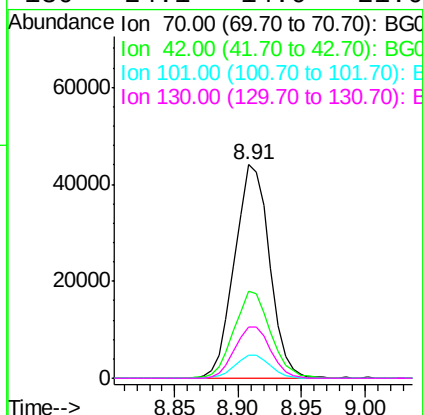
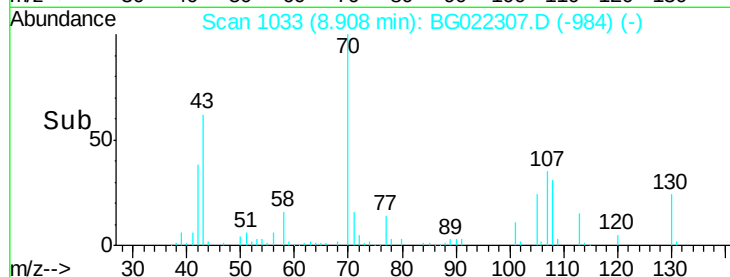
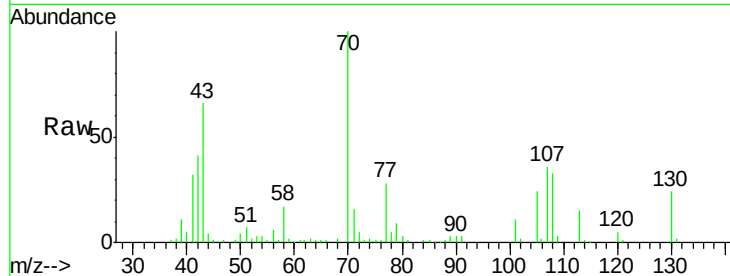
Ion Ratio Lower Upper

70 100

42 40.5 56.7 85.1#

101 10.7 8.2 12.4

130 24.1 14.0 21.0#



#20

3+4-Methylphenols

Concen: 54.03 ng

RT: 8.88 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion: 107 Resp: 142804

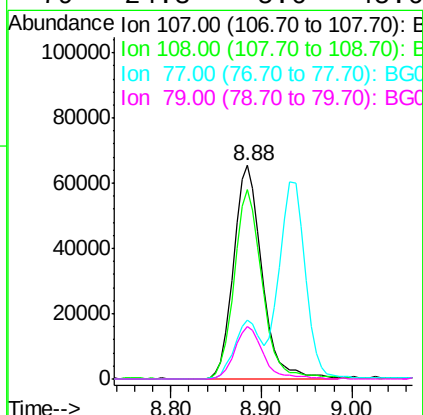
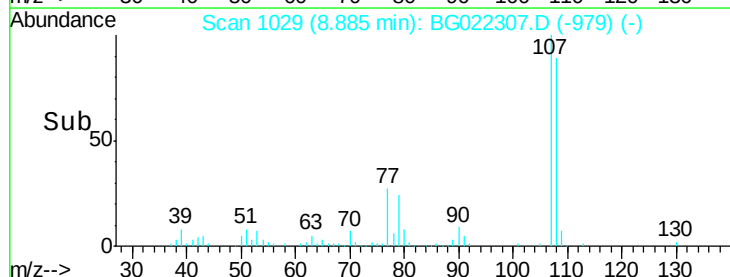
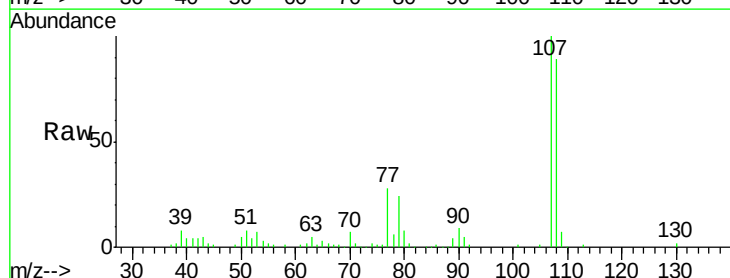
Ion Ratio Lower Upper

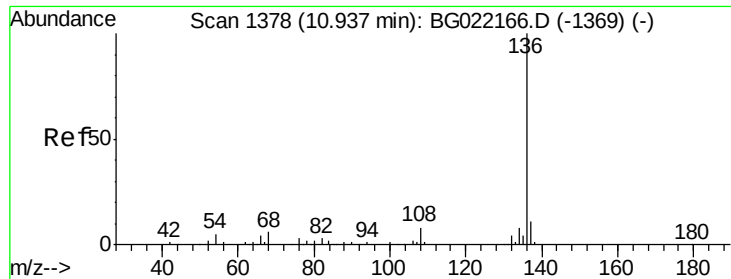
107 100

108 88.6 66.2 106.2

77 27.6 11.5 51.5

79 24.3 5.6 45.6

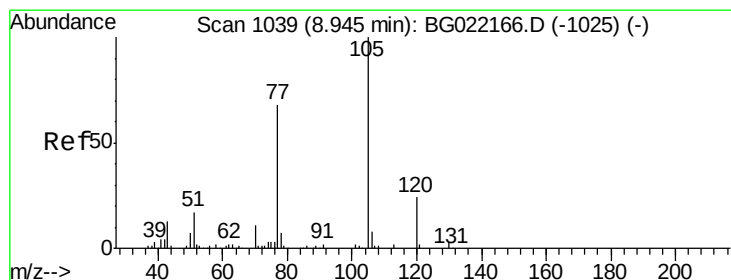
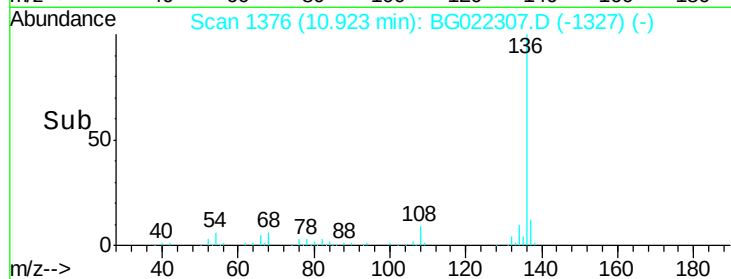
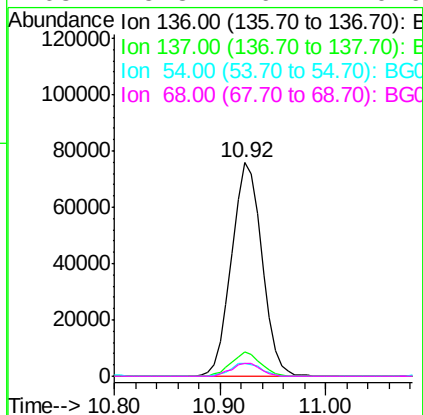
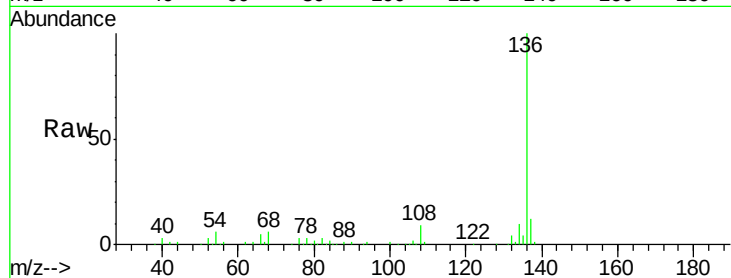




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

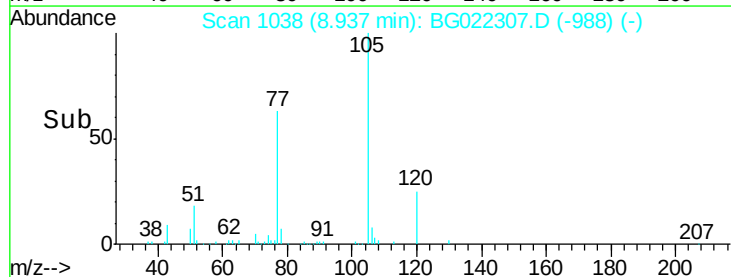
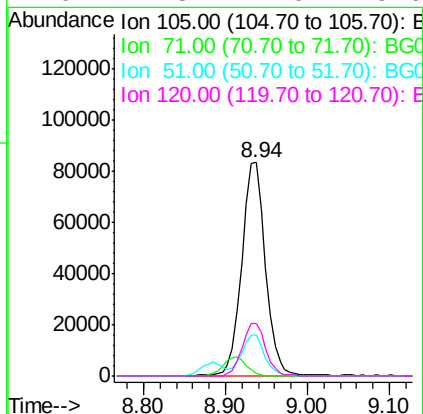
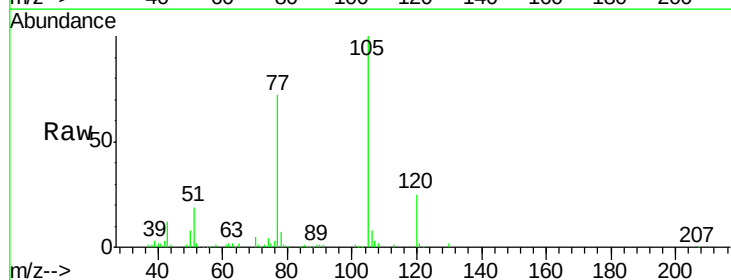
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

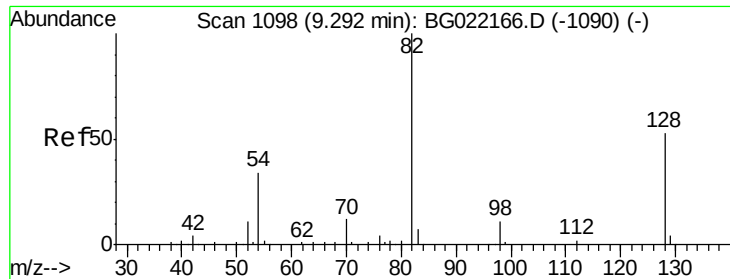
Tgt Ion:	136	Resp:	150986
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	5.8	9.6	14.4#
68	5.8	6.4	9.6#



#22
Acetophenone
Concen: 51.82 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion:	105	Resp:	168595
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.0	0.0#
51	19.1	25.7	38.5#
120	24.8	17.0	25.6

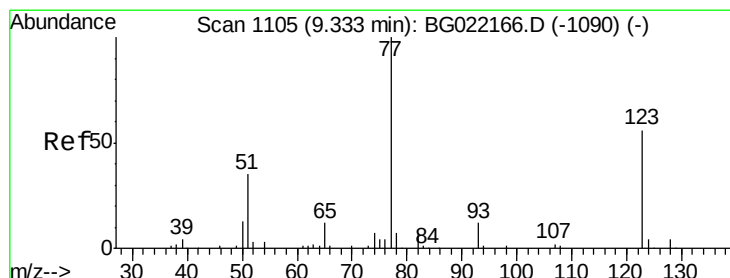
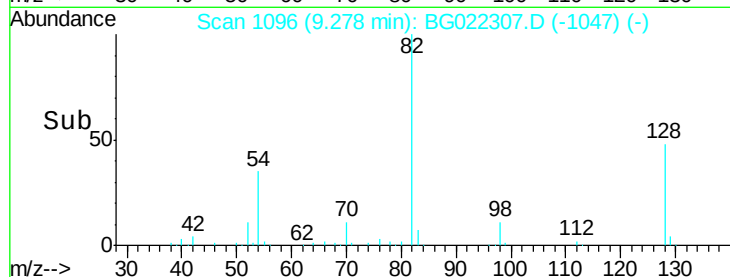
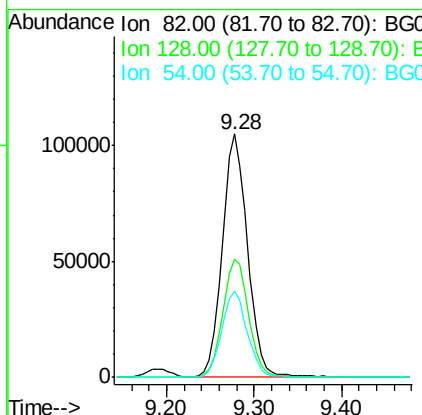
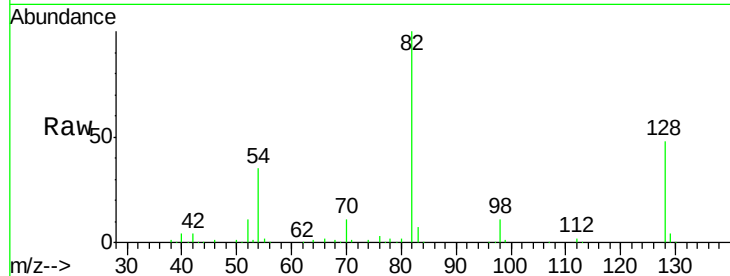




#23
 Nitrobenzene-d5
 Concen: 95.51 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

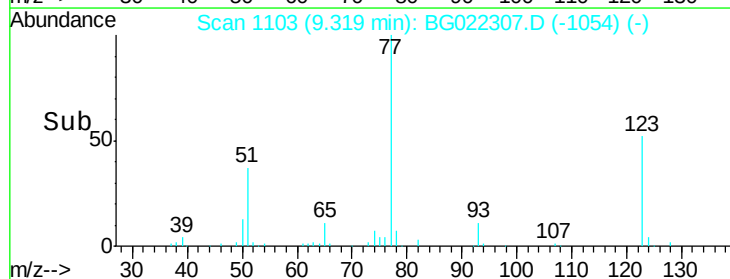
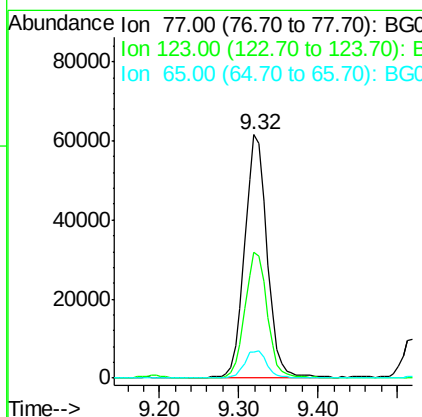
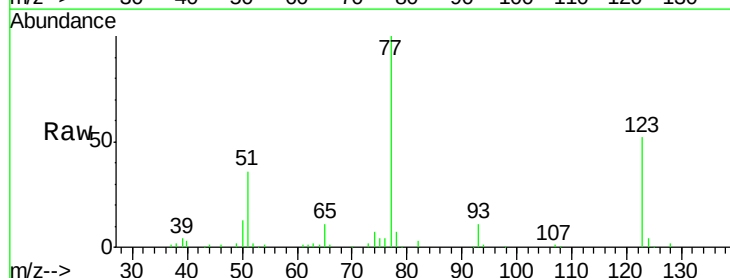
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

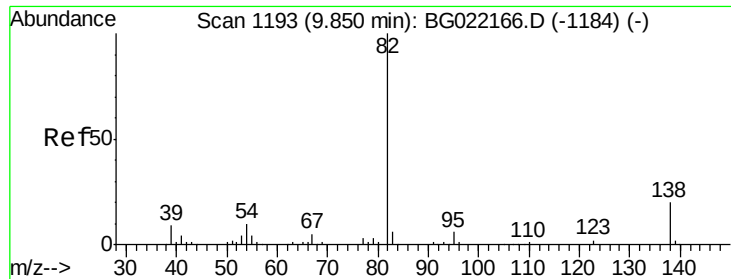
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	33.4	50.0
54	35.5	46.1	69.1#



#24
 Nitrobenzene
 Concen: 55.97 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	32.2	48.4#
65	10.6	10.3	15.5





#25

Isophorone

Concen: 49.03 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

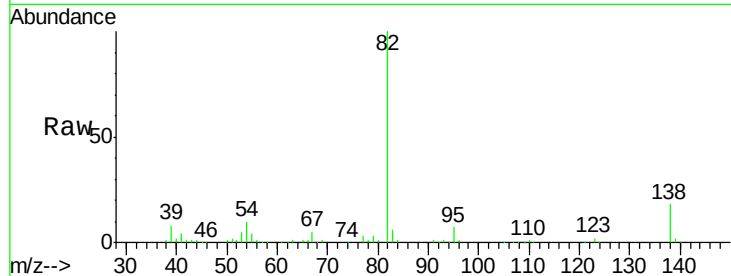
Tgt Ion: 82 Resp: 248404

Ion Ratio Lower Upper

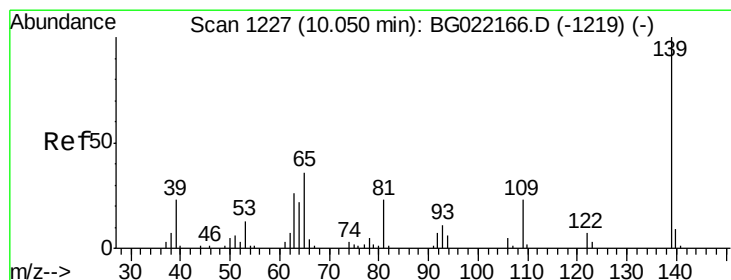
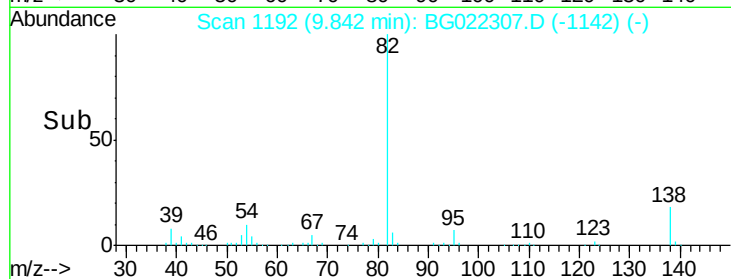
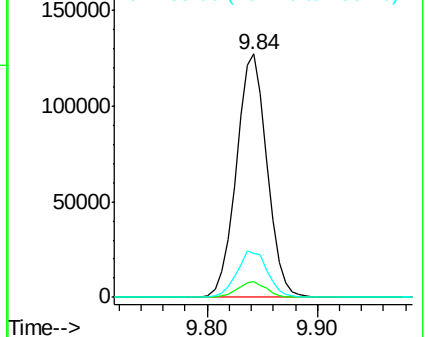
82 100

95 6.7 6.0 9.0

138 18.0 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: 56.48 ng

RT: 10.04 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

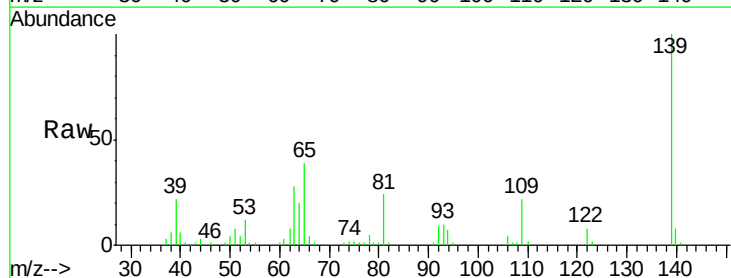
Tgt Ion: 139 Resp: 66698

Ion Ratio Lower Upper

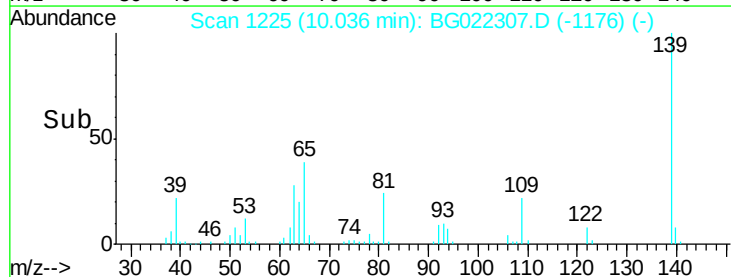
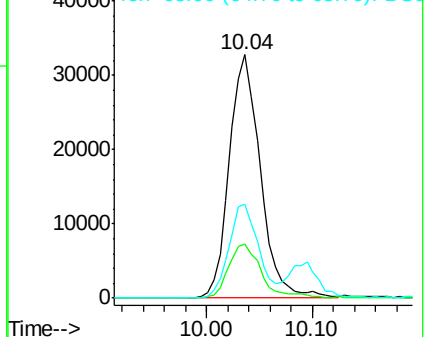
139 100

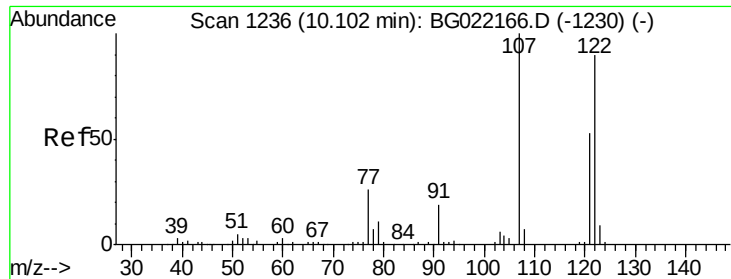
109 22.5 26.6 40.0#

65 38.6 45.3 67.9#



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

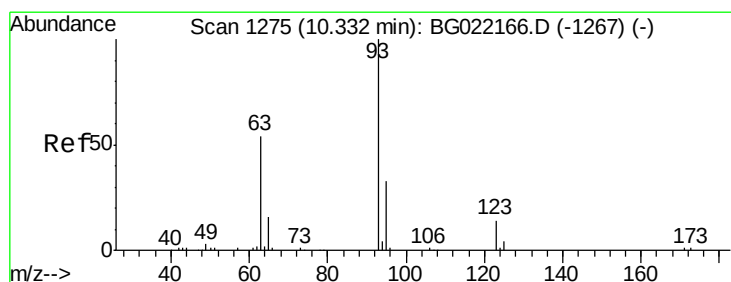
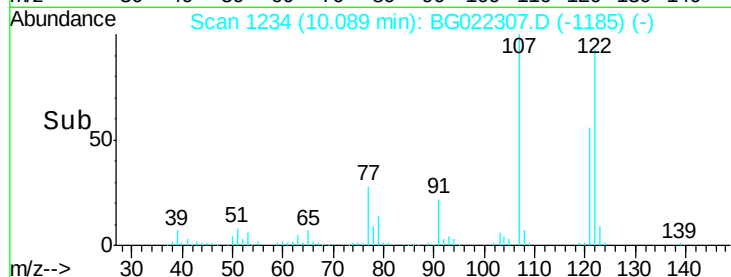
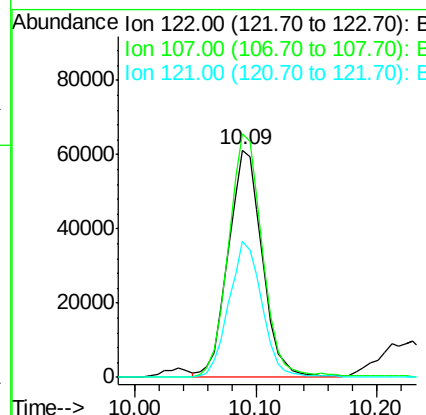
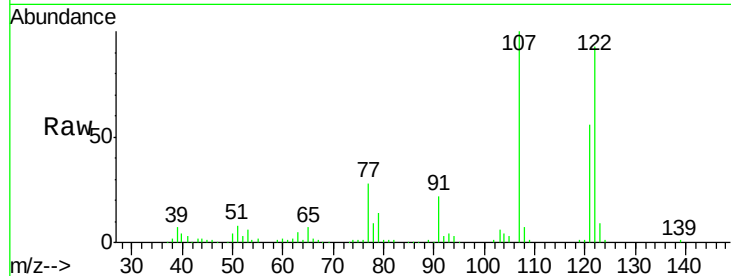




#27
 2,4-Dimethylphenol
 Concen: 55.68 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

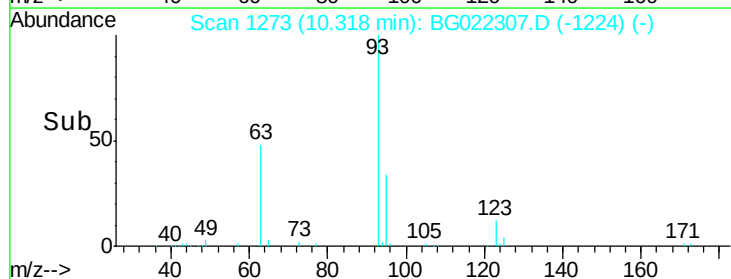
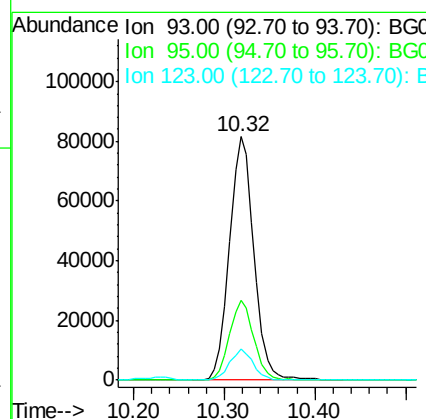
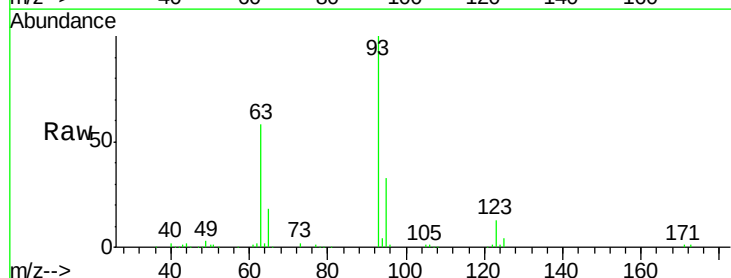
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

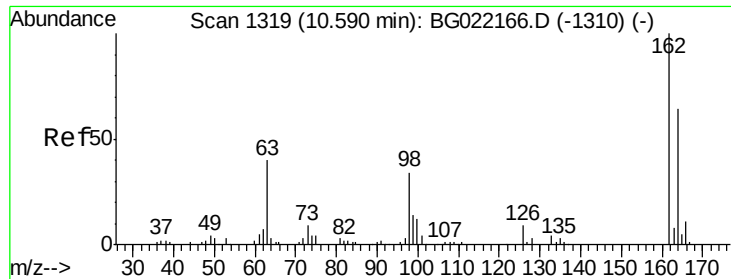
Tgt Ion: 122 Resp: 119024
 Ion Ratio Lower Upper
 122 100
 107 107.0 97.2 145.8
 121 59.8 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.67 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion: 93 Resp: 152900
 Ion Ratio Lower Upper
 93 100
 95 32.8 30.1 45.1
 123 12.7 10.2 15.4

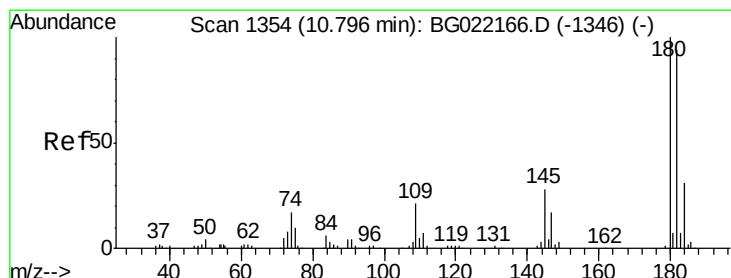
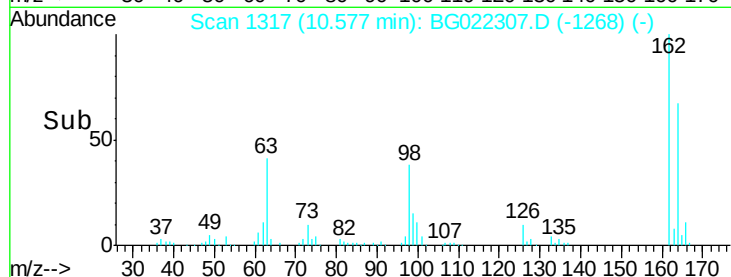
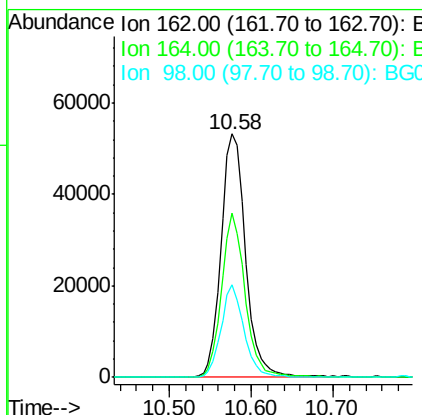
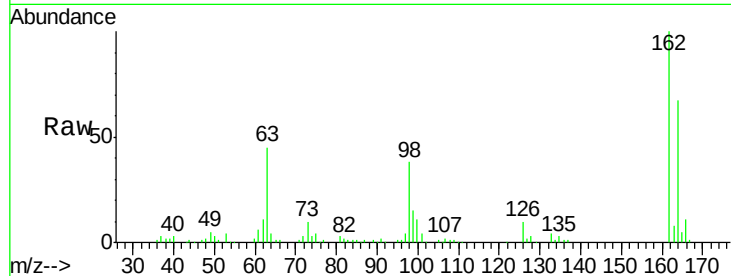




#29
2,4-Dichlorophenol
Concen: 56.40 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

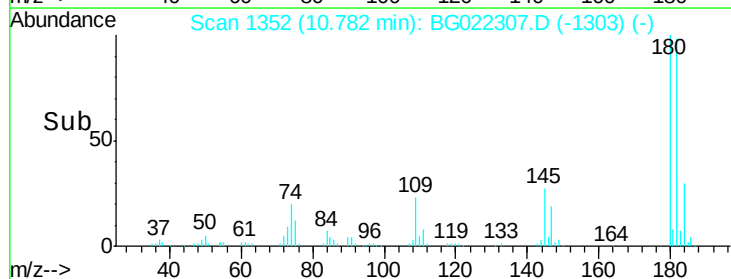
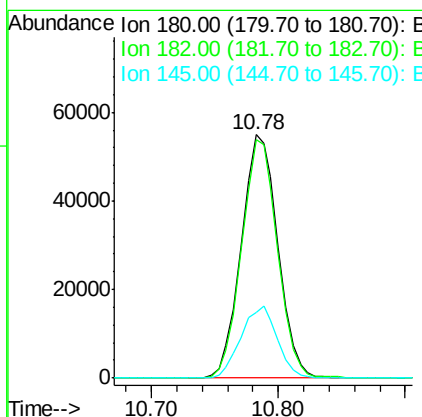
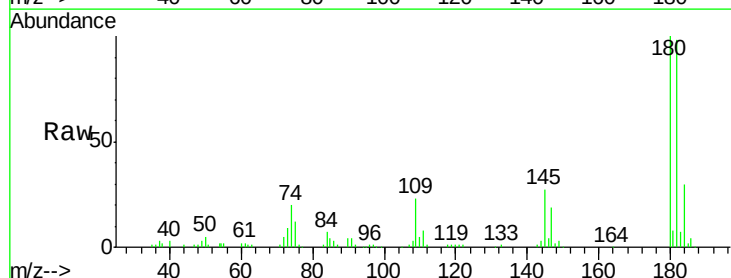
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

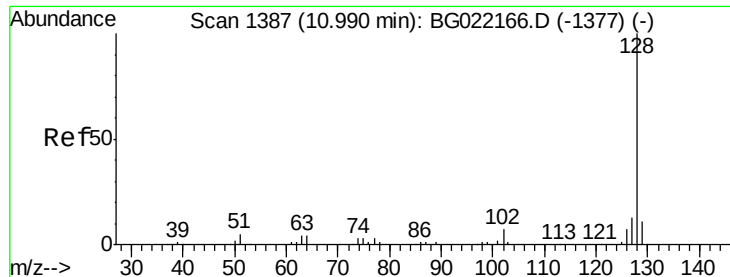
Tgt Ion	Resp	Lower	Upper
162	111675		
164	67.4	44.9	84.9
98	38.0	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 49.67 ng
RT: 10.78 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Resp	Lower	Upper
180	109904		
182	98.1	82.3	123.5
145	27.2	24.4	36.6





#31

Naphthalene

Concen: 50.04 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

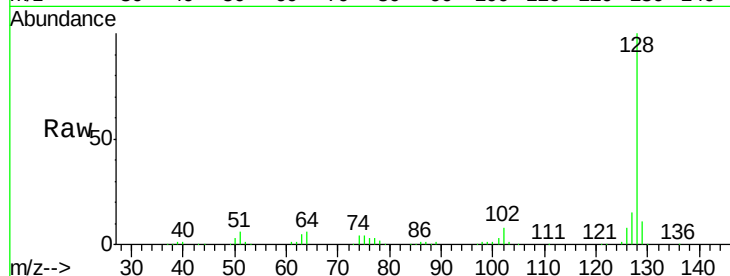
Tgt Ion:128 Resp: 377124

Ion Ratio Lower Upper

128 100

129 11.0 7.0 10.6#

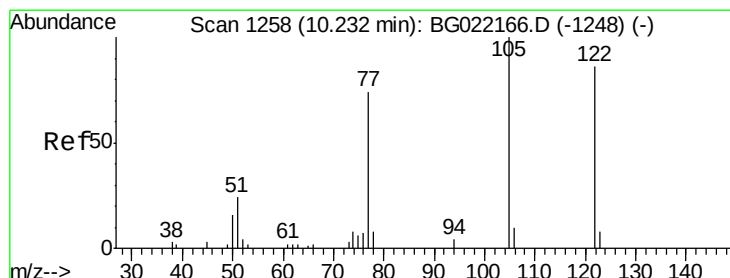
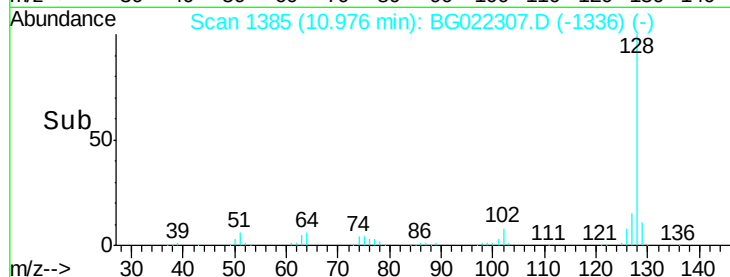
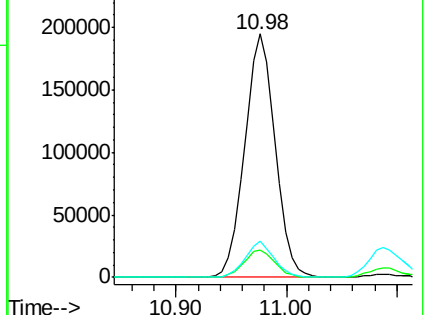
127 14.7 10.1 15.1



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: 43.17 ng

RT: 10.23 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

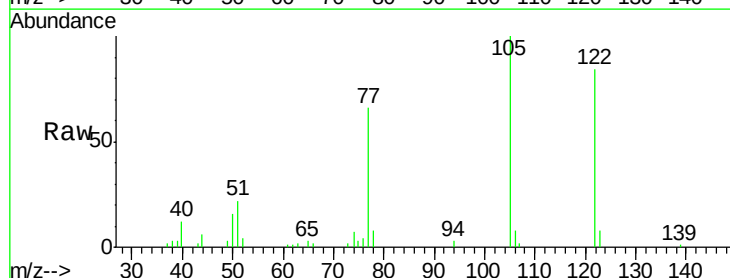
Tgt Ion:122 Resp: 30049

Ion Ratio Lower Upper

122 100

105 119.4 104.5 144.5

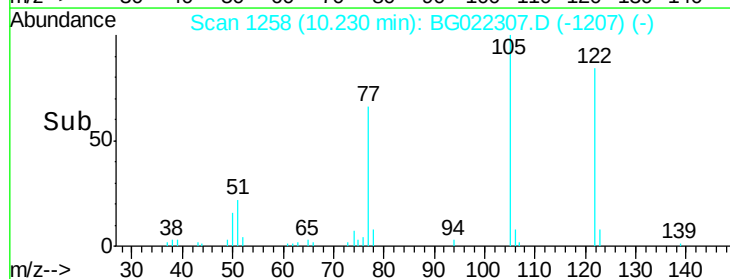
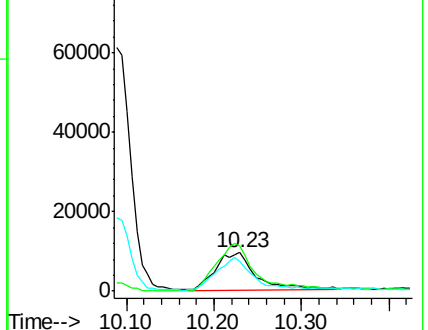
77 79.1 79.9 119.9#

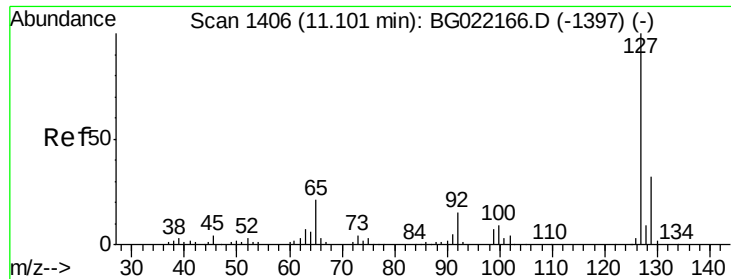


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

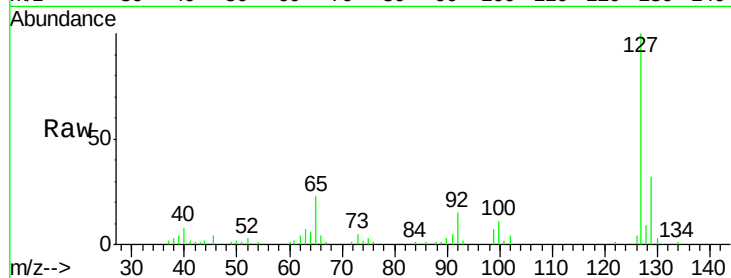




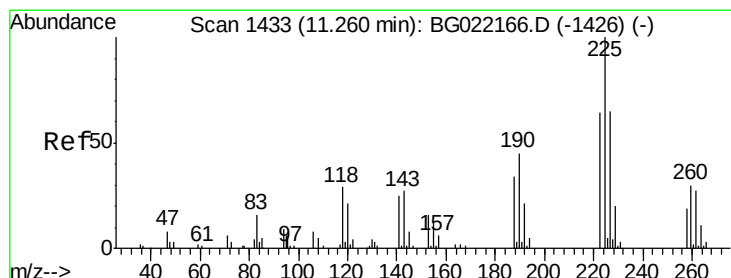
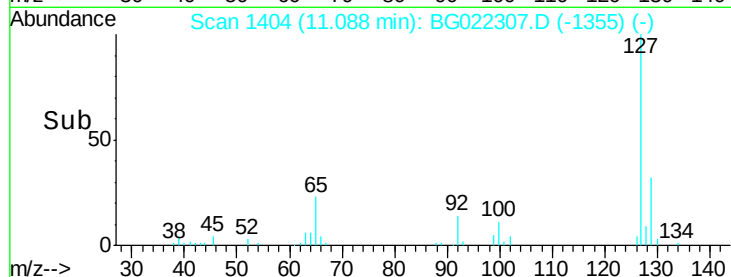
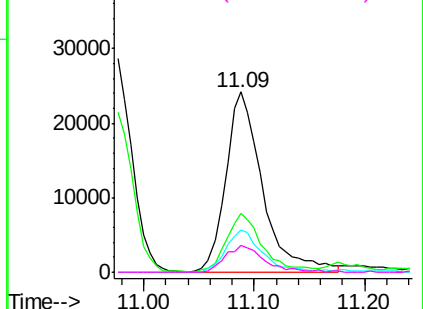
#33
4-Chloroaniline
Concen: 17.93 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

Tgt Ion:	127	Resp:	56199
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	23.5	27.5	41.3
92	15.2	14.7	22.1

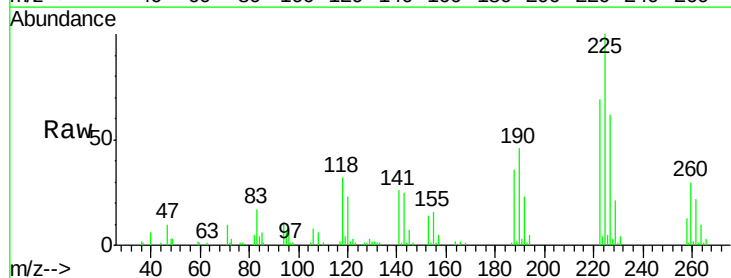


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

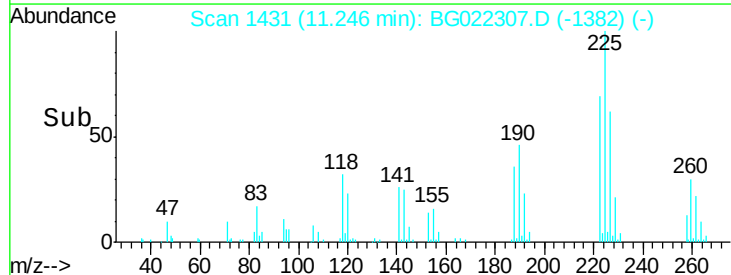
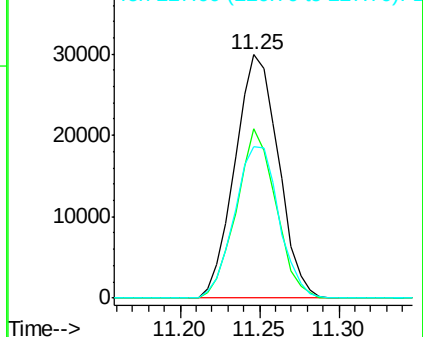


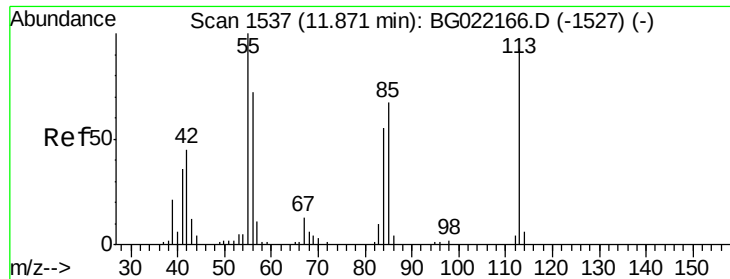
#34
Hexachlorobutadiene
Concen: 47.88 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion:	225	Resp:	56874
Ion	Ratio	Lower	Upper
225	100		
223	66.0	52.7	79.1
227	61.7	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: 13.03 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

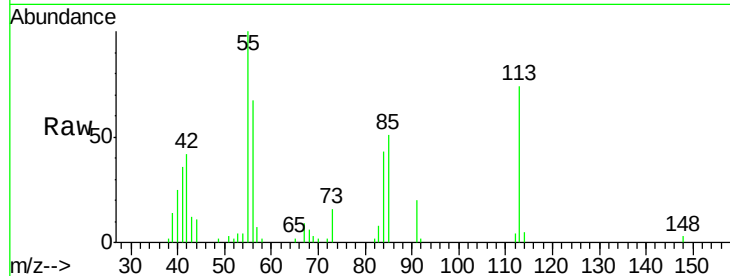
Tgt Ion:113 Resp: 14151

Ion Ratio Lower Upper

113 100

55 135.6 194.2 234.2#

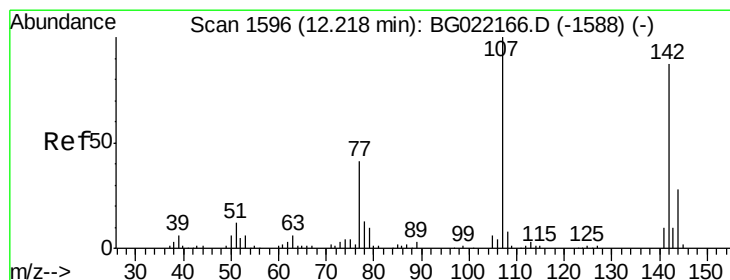
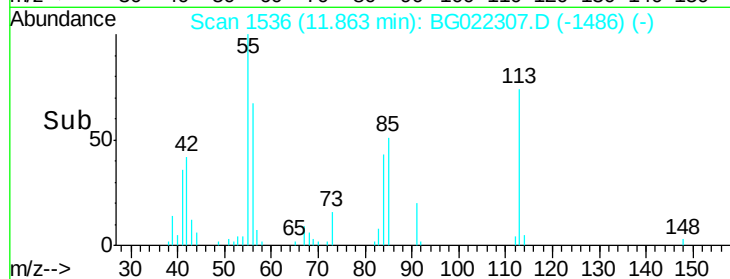
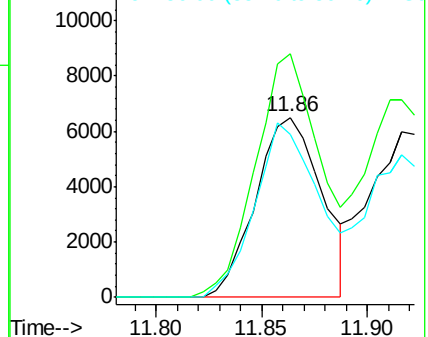
56 90.7 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.55 ng

RT: 12.21 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

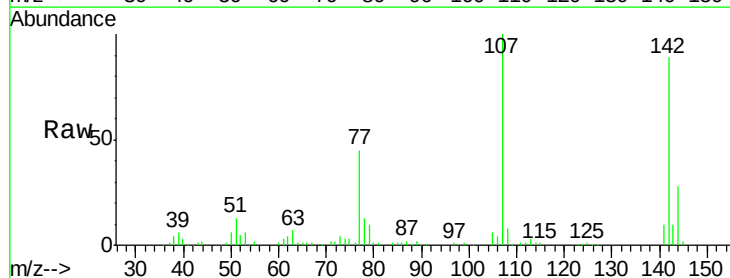
Tgt Ion:107 Resp: 123340

Ion Ratio Lower Upper

107 100

144 28.2 19.2 28.8

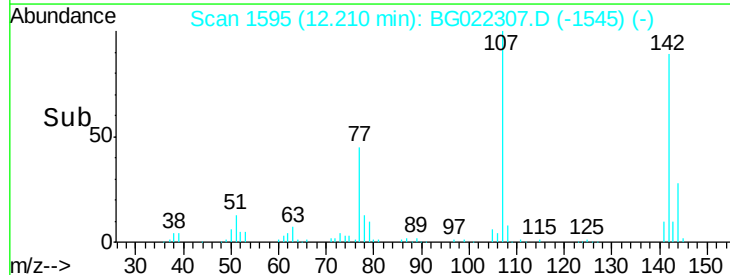
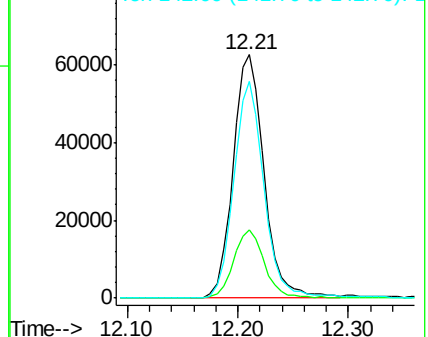
142 88.9 59.1 88.7#

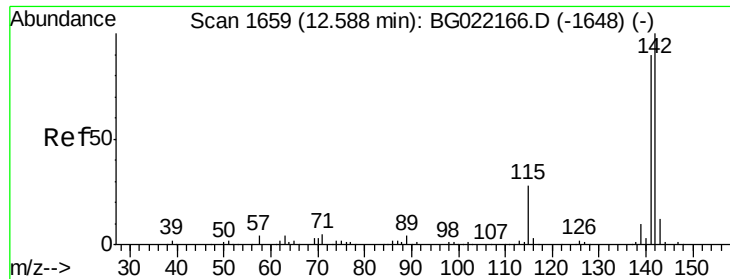


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

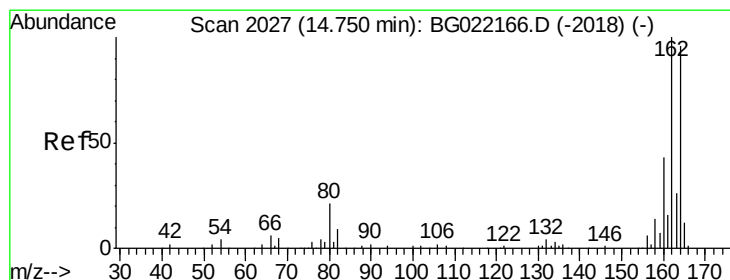
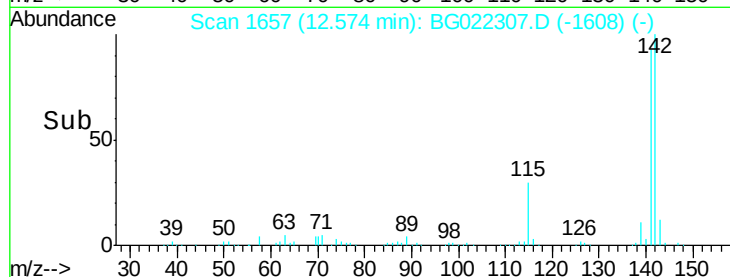
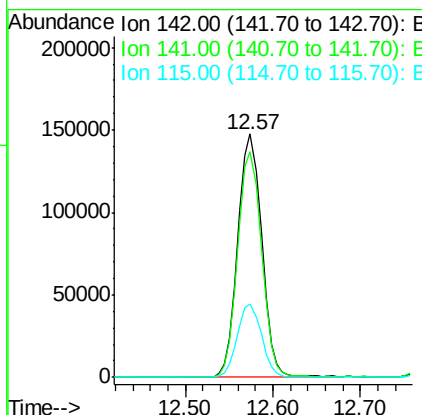
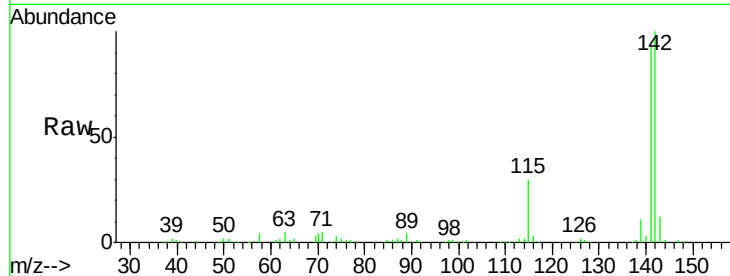




#37
 2-Methylnaphthalene
 Concen: 49.17 ng
 RT: 12.57 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

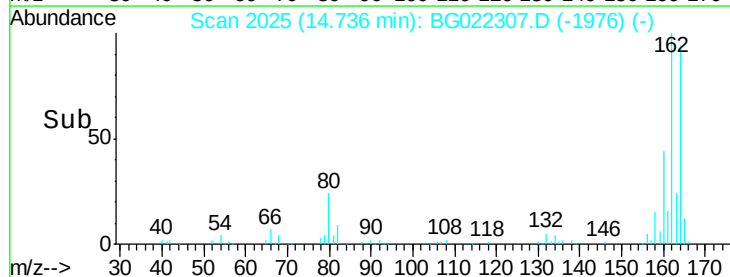
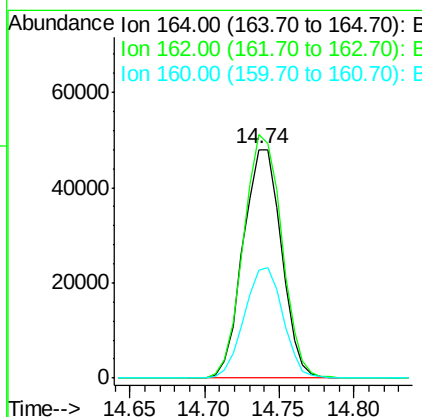
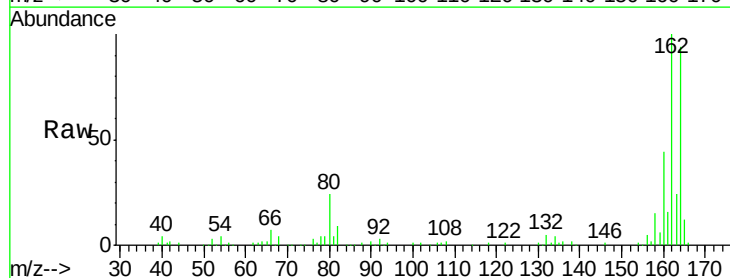
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

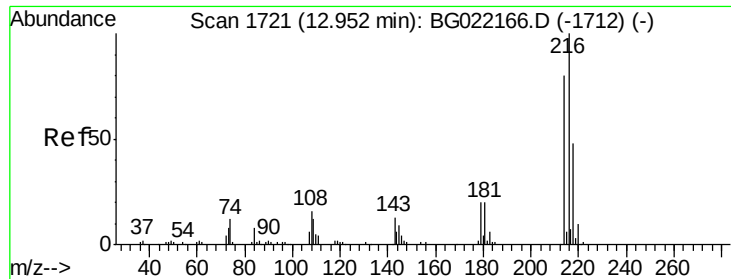
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.4	107.0
115	30.2	27.4	41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.0	117.0
160	47.1	32.9	49.3

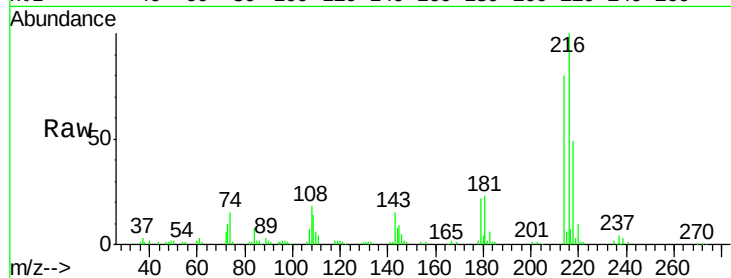




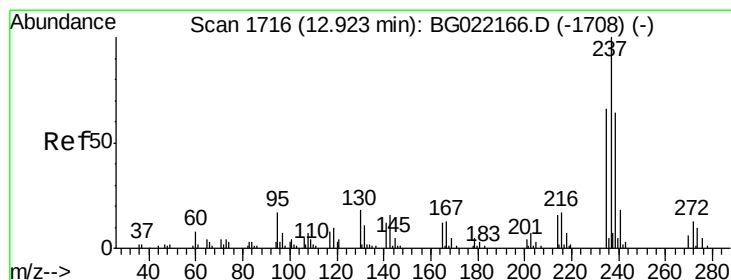
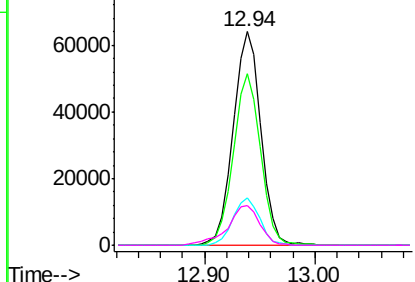
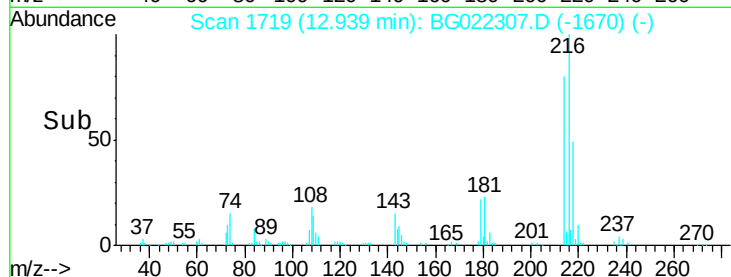
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.21 ng
 RT: 12.94 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion:216 Resp: 112610
 Ion Ratio Lower Upper
 216 100
 214 79.1 62.2 93.2
 179 21.6 16.7 25.1
 108 21.6 14.0 21.0#

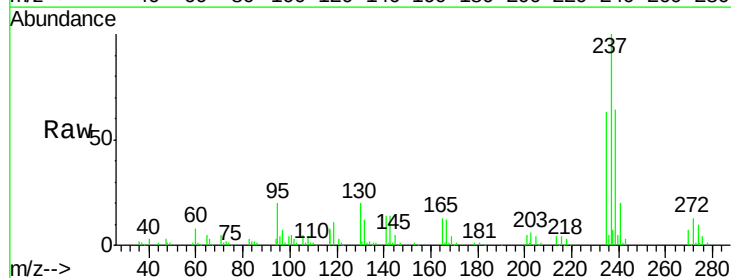


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

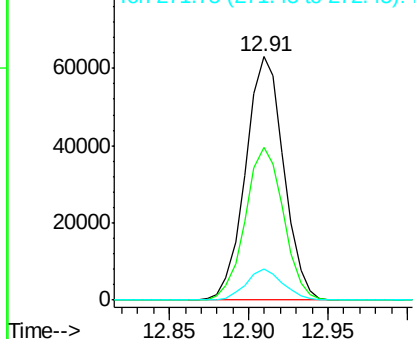
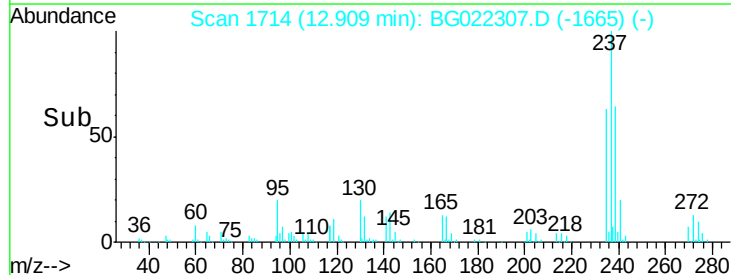


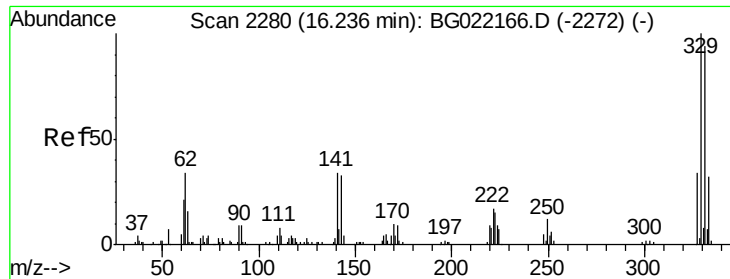
#40
 Hexachlorocyclopentadiene
 Concen: 92.92 ng
 RT: 12.91 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:237 Resp: 105172
 Ion Ratio Lower Upper
 237 100
 235 62.6 43.2 83.2
 272 12.7 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

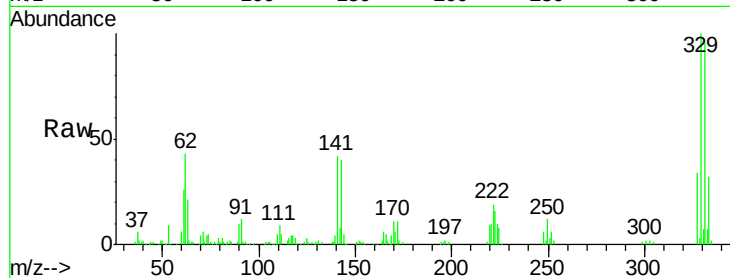




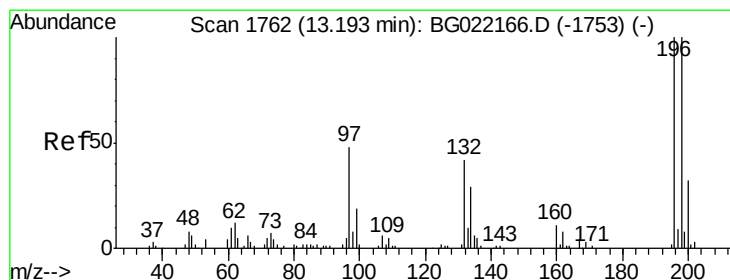
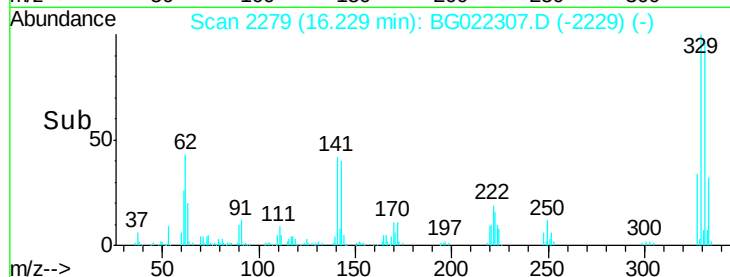
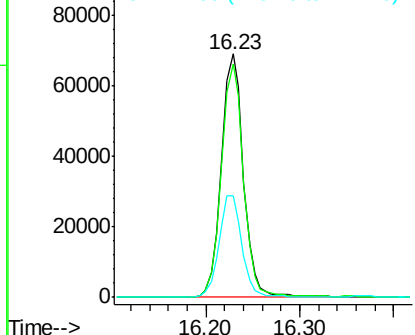
#41
 2,4,6-Tribromophenol
 Concen: 117.56 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion:330 Resp: 113480
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.0 117.0
 141 43.1 33.8 50.8

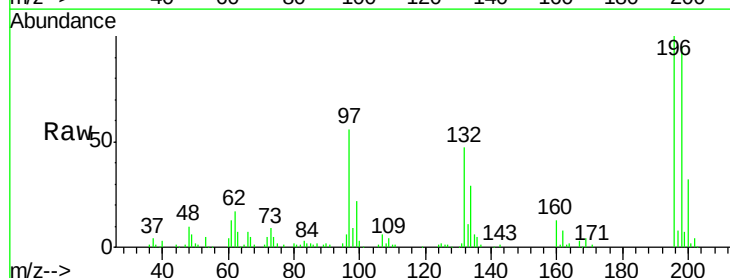


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

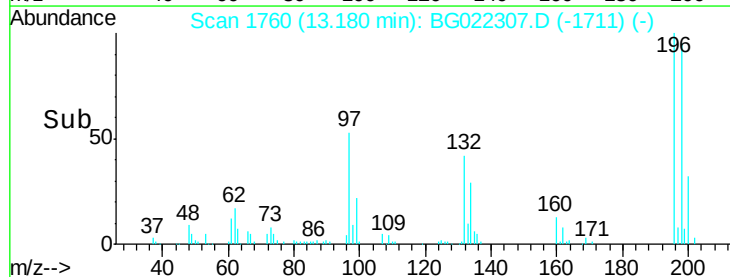
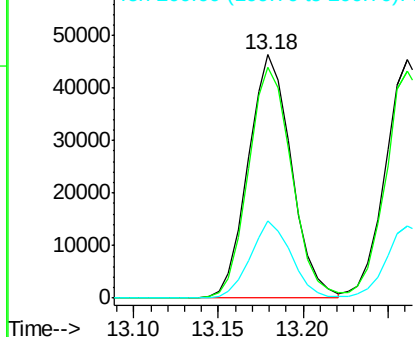


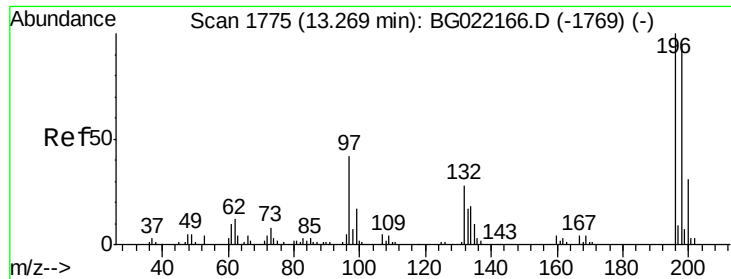
#42
 2,4,6-Trichlorophenol
 Concen: 55.85 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:196 Resp: 82400
 Ion Ratio Lower Upper
 196 100
 198 94.6 80.1 120.1
 200 31.7 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

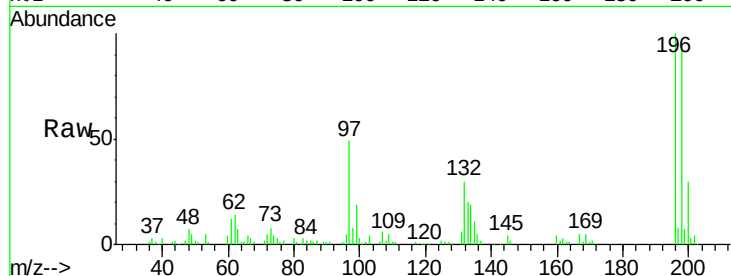




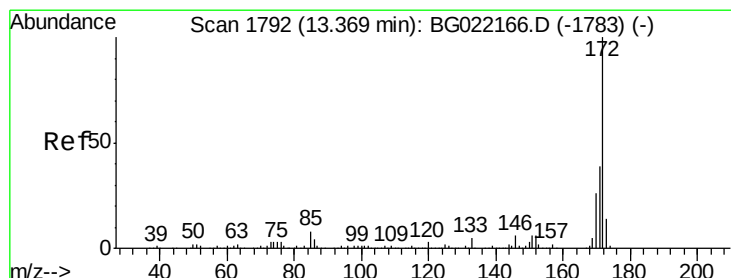
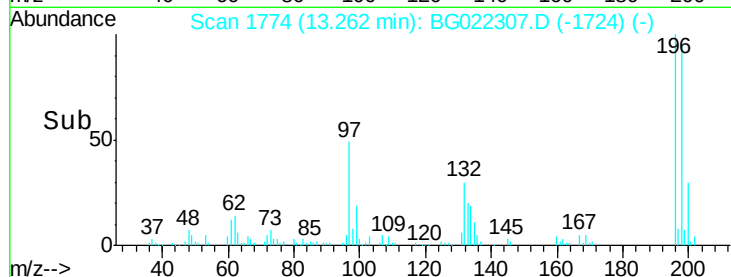
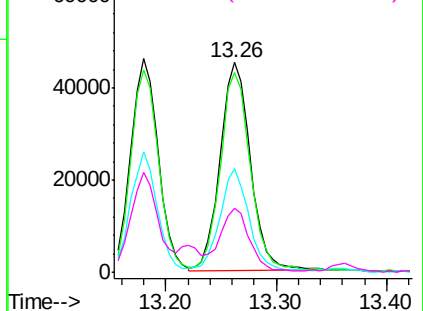
#43
 2,4,5-Trichlorophenol
 Concen: 53.66 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion:196 Resp: 87456
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.0 117.0
 97 49.4 43.0 64.6
 132 30.4 23.0 34.4

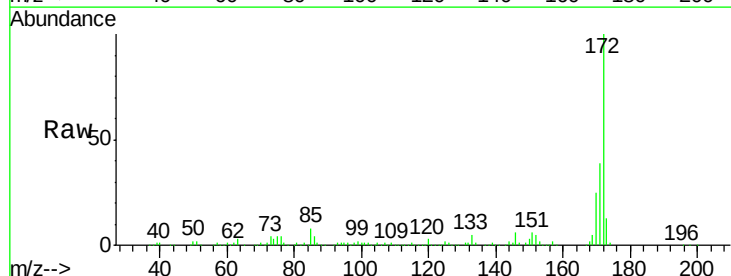


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

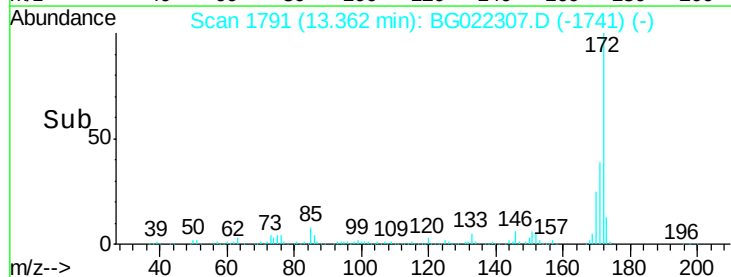
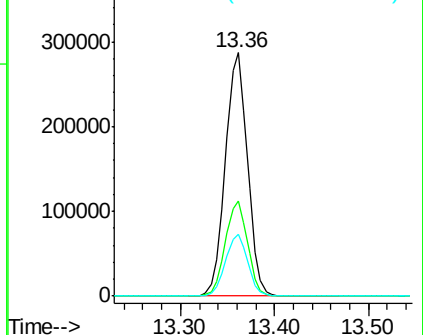


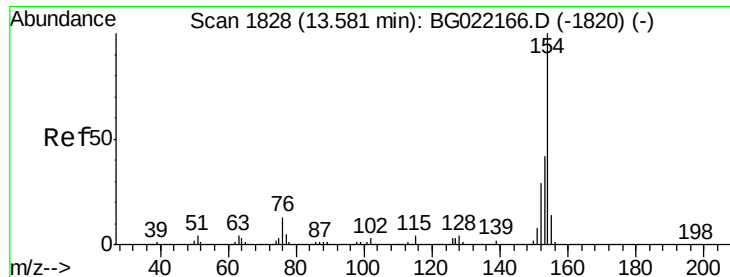
#44
 2-Fluorobiphenyl
 Concen: 83.80 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:172 Resp: 469769
 Ion Ratio Lower Upper
 172 100
 171 39.0 27.8 41.6
 170 25.3 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

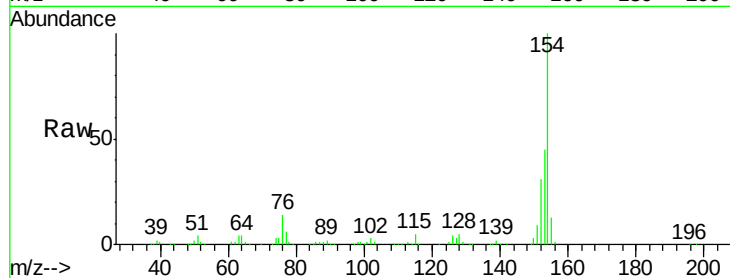




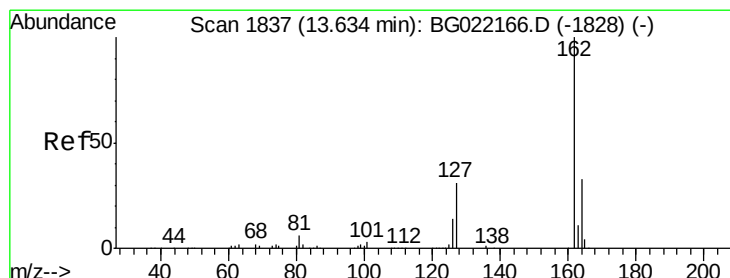
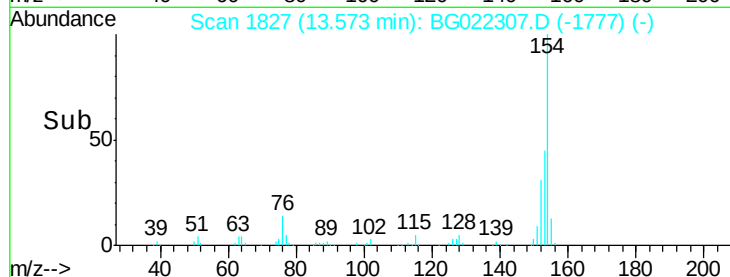
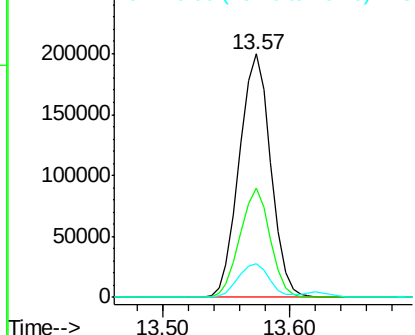
#45
 1,1'-Biphenyl
 Concen: 53.57 ng
 RT: 13.57 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion:154 Resp: 344412
 Ion Ratio Lower Upper
 154 100
 153 44.8 19.7 59.7
 76 14.0 0.0 33.0

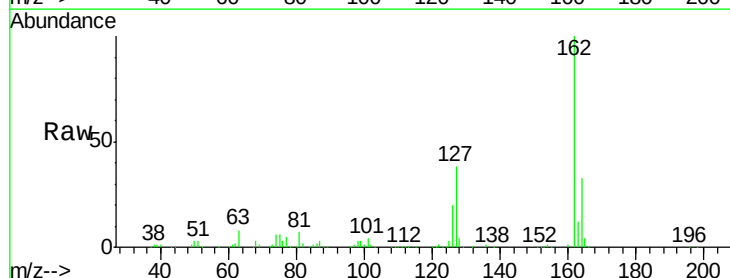


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

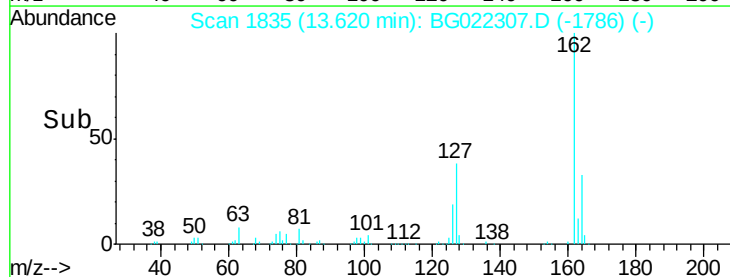
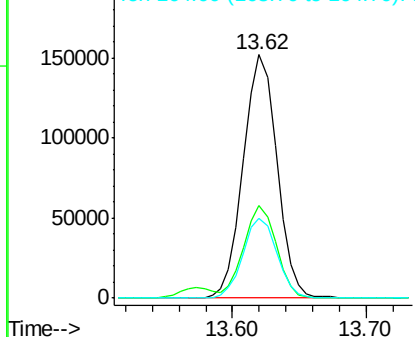


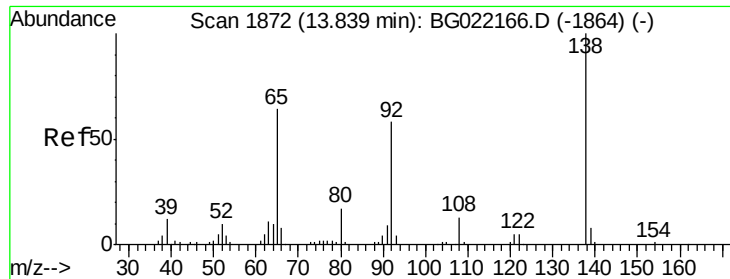
#46
 2-Chloronaphthalene
 Concen: 53.91 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:162 Resp: 265717
 Ion Ratio Lower Upper
 162 100
 127 38.2 32.0 48.0
 164 32.6 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

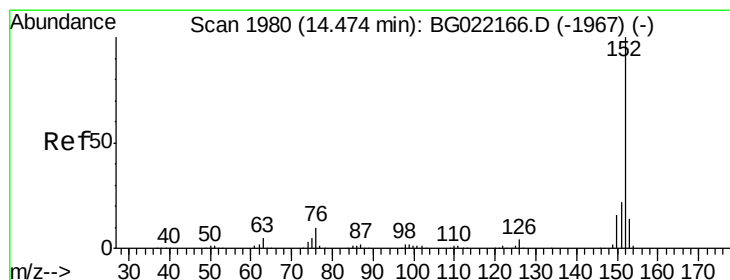
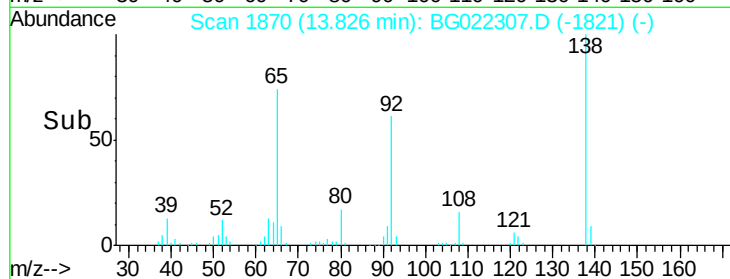
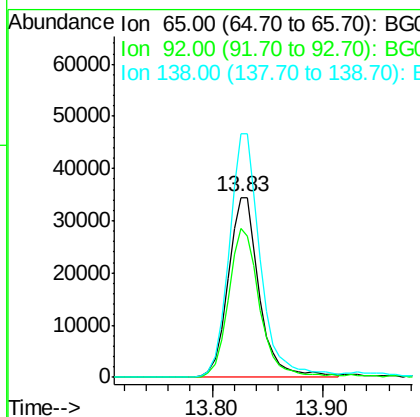
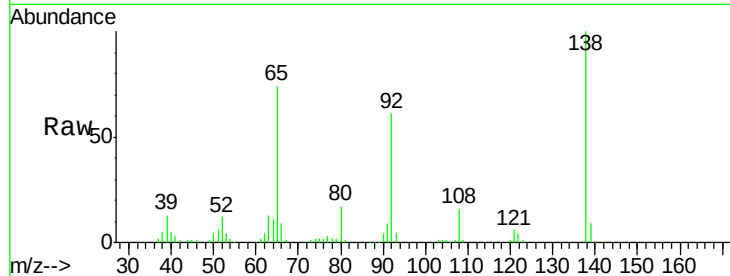




#47
 2-Nitroaniline
 Concen: 58.02 ng
 RT: 13.83 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

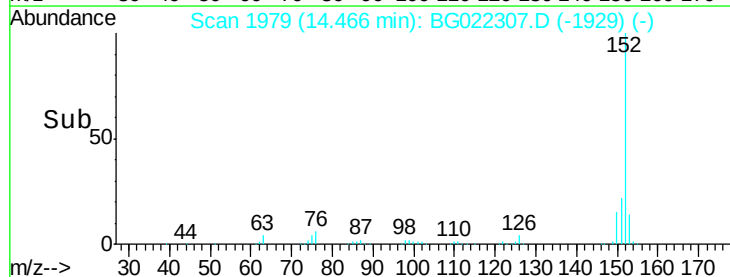
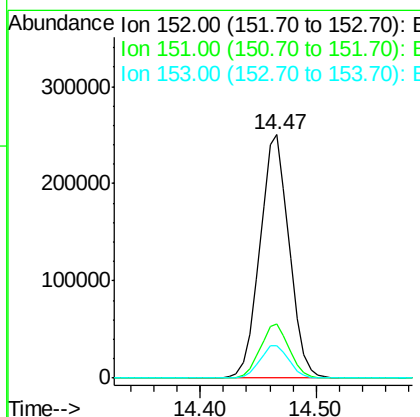
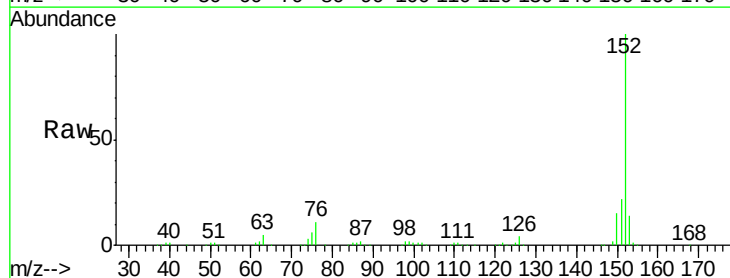
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

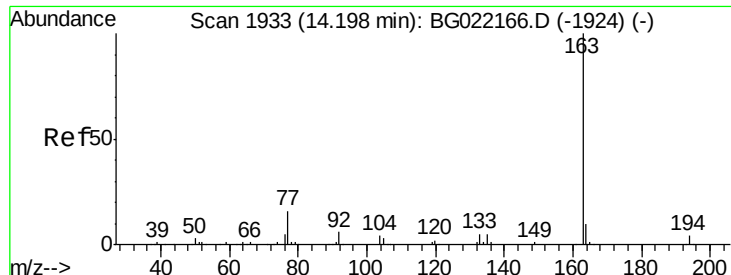
Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.5	49.2	73.8#
138	135.2	75.0	112.6#



#48
 Acenaphthylene
 Concen: 51.18 ng
 RT: 14.47 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.6	24.8
153	13.5	10.2	15.2

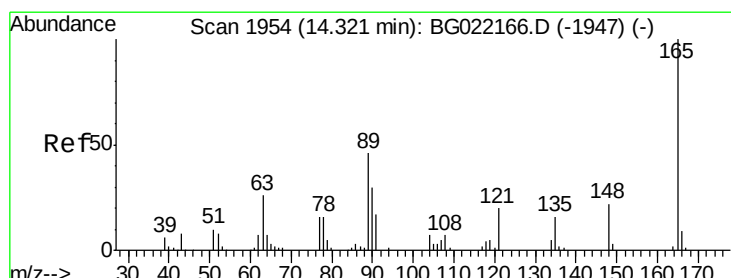
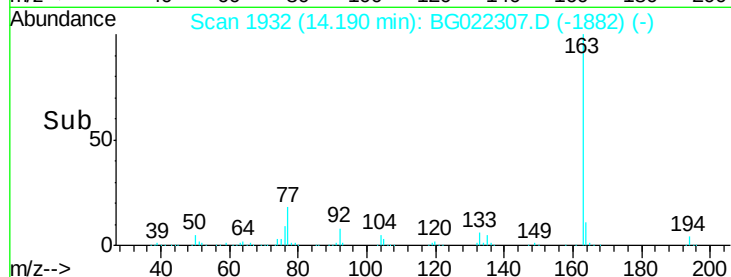
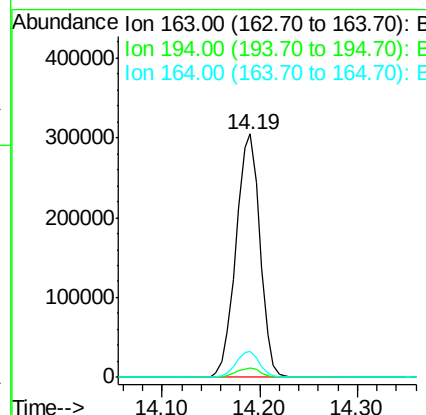
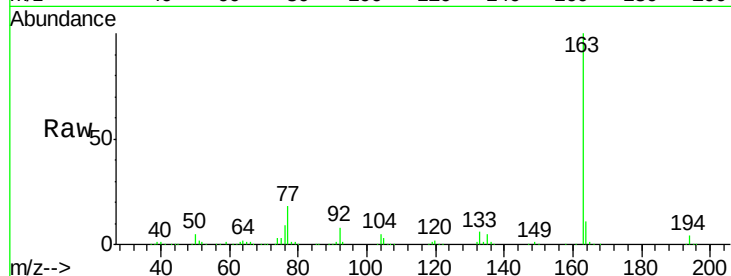




#49
Dimethylphthalate
Concen: 73.18 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

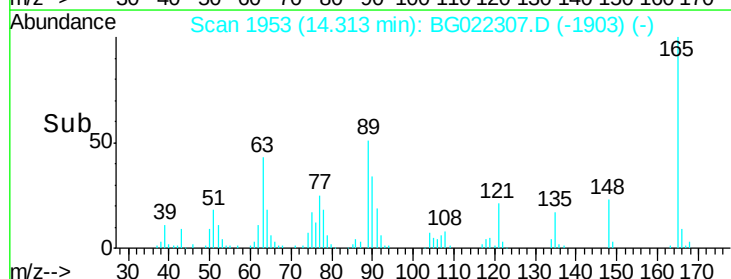
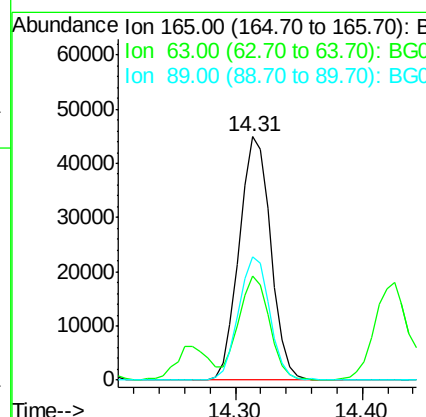
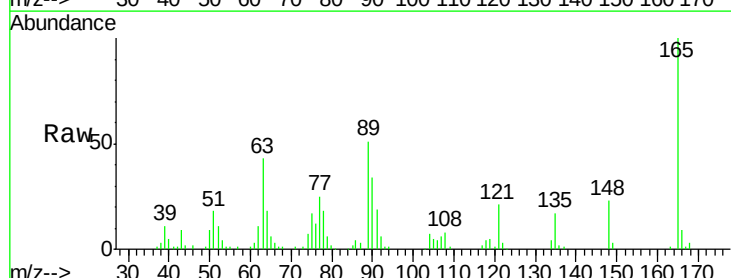
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

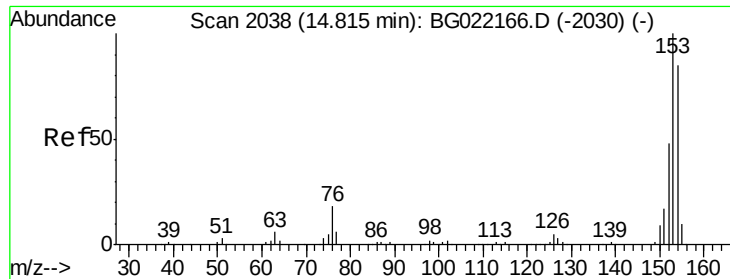
Tgt Ion:163 Resp: 518355
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.9 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 50.18 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion:165 Resp: 77264
Ion Ratio Lower Upper
165 100
63 42.8 48.2 72.4#
89 50.6 45.3 67.9





#51

Acenaphthene

Concen: 51.12 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

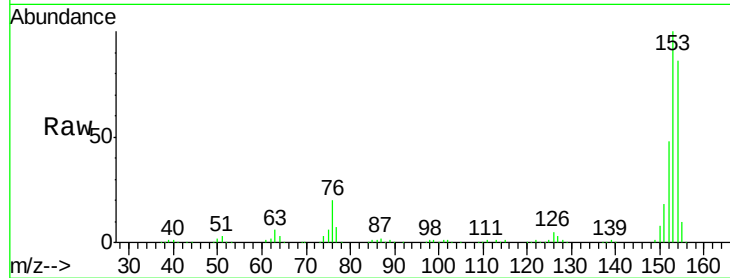
Tgt Ion:154 Resp: 264858

Ion Ratio Lower Upper

154 100

153 116.6 91.9 137.9

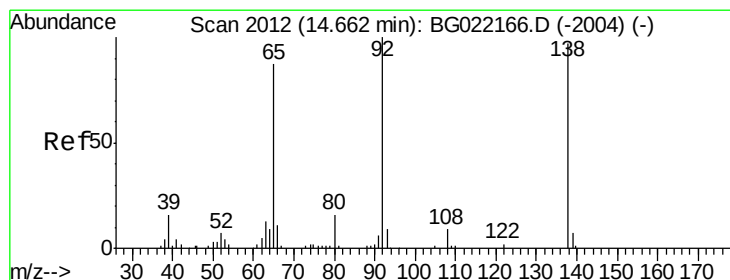
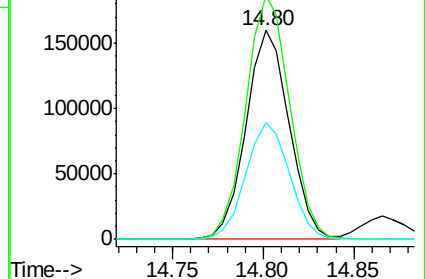
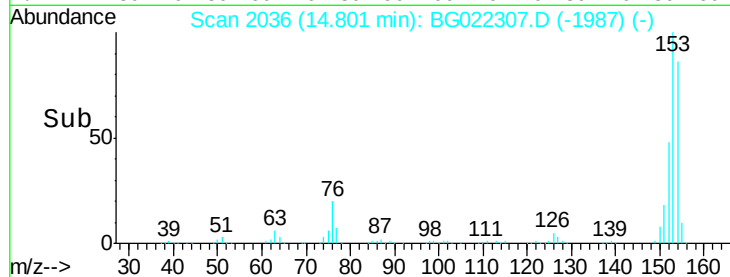
152 56.1 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.70 ng

RT: 14.65 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

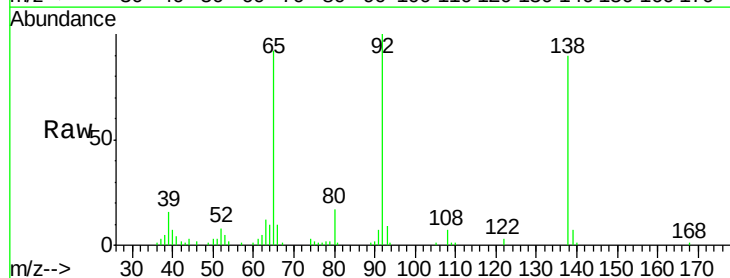
Tgt Ion:138 Resp: 57563

Ion Ratio Lower Upper

138 100

108 8.0 9.1 13.7#

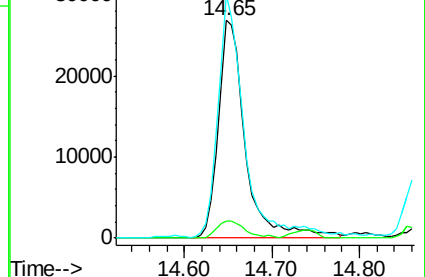
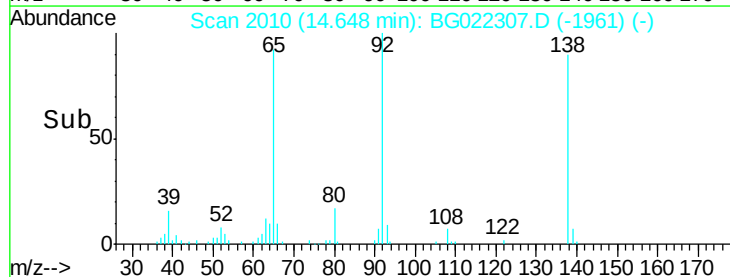
92 111.7 102.6 154.0

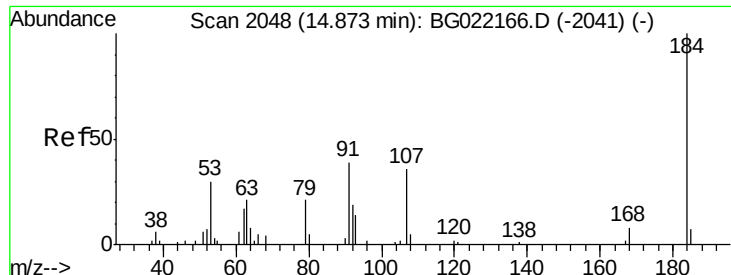


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

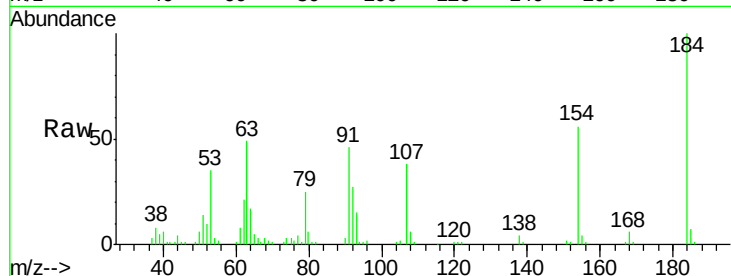




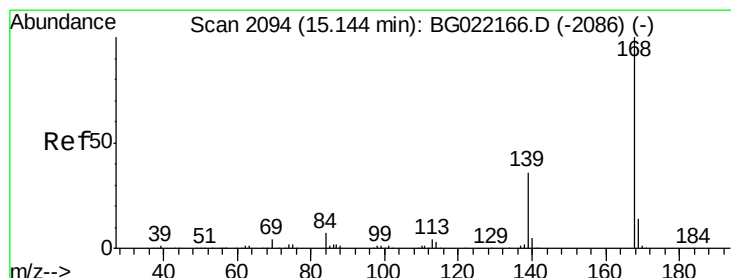
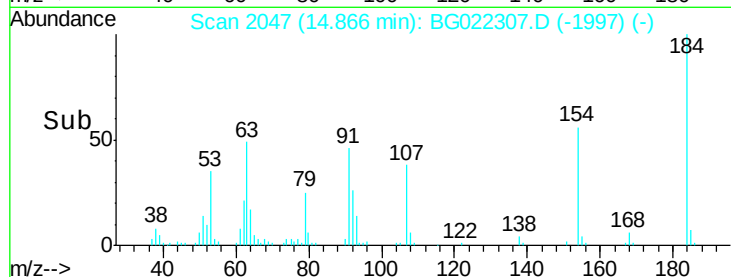
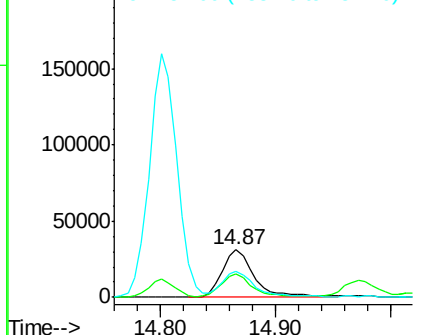
#53
 2,4-Dinitrophenol
 Concen: 94.54 ng
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion:184 Resp: 60894
 Ion Ratio Lower Upper
 184 100
 63 49.0 57.3 85.9#
 154 56.5 55.2 82.8

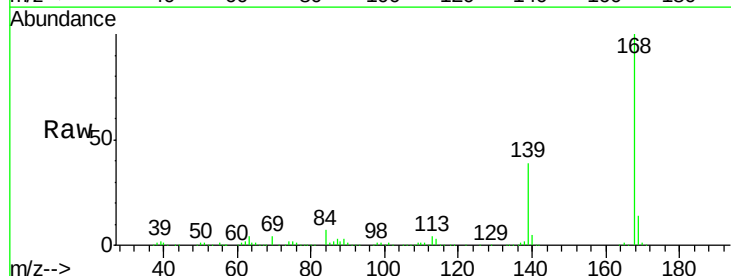


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

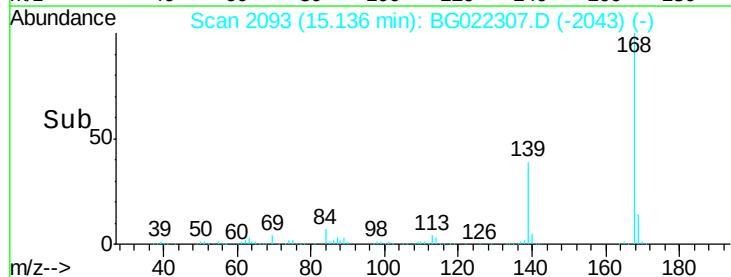
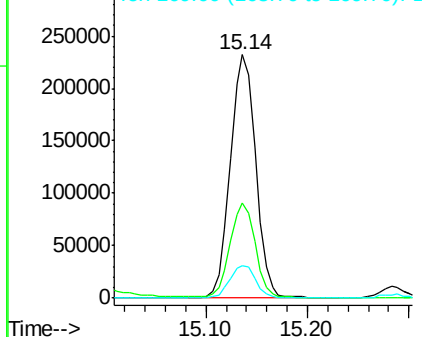


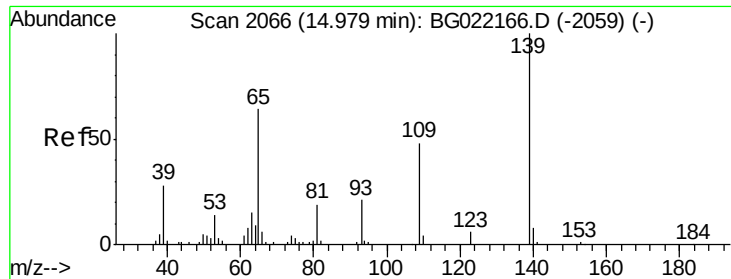
#54
 Dibenzofuran
 Concen: 50.01 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:168 Resp: 404327
 Ion Ratio Lower Upper
 168 100
 139 39.1 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

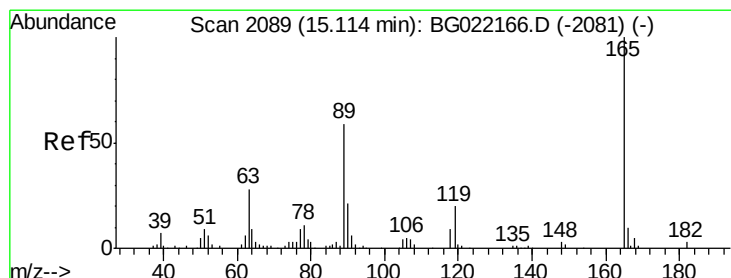
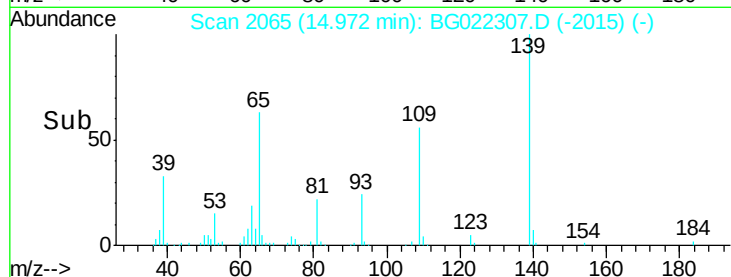
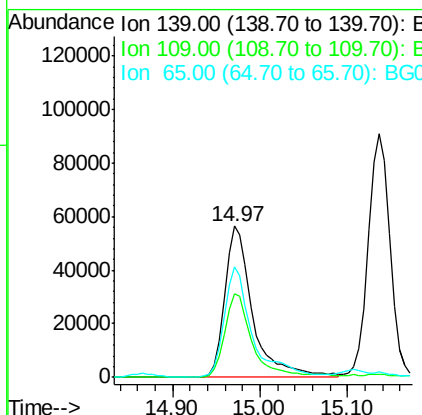
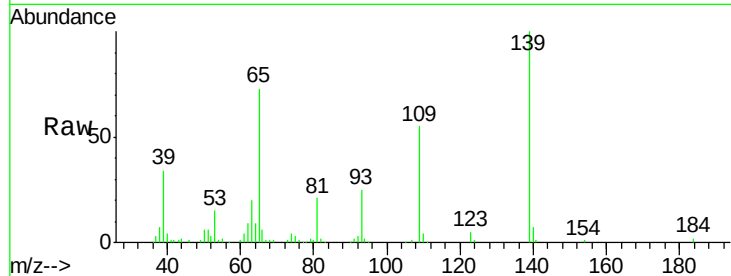




#55
4-Nitrophenol
Concen: 104.14 ng
RT: 14.97 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

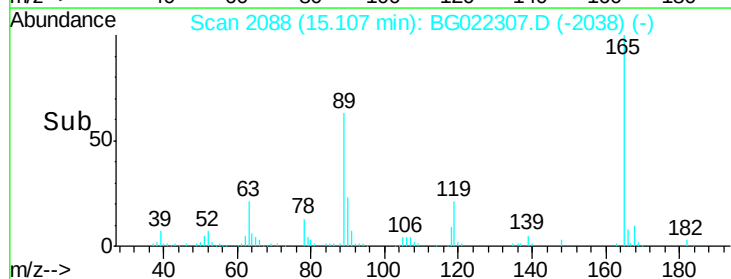
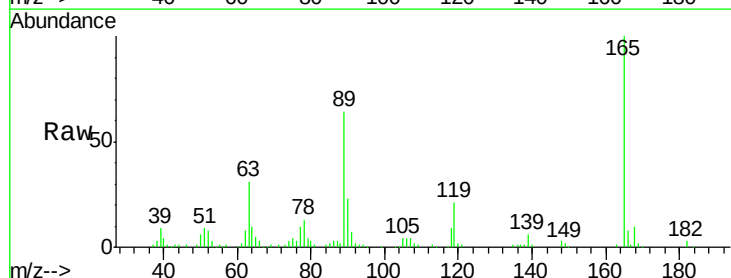
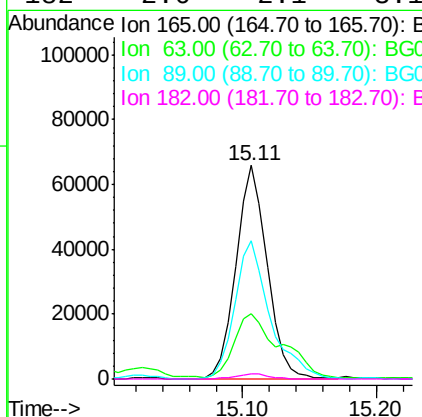
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

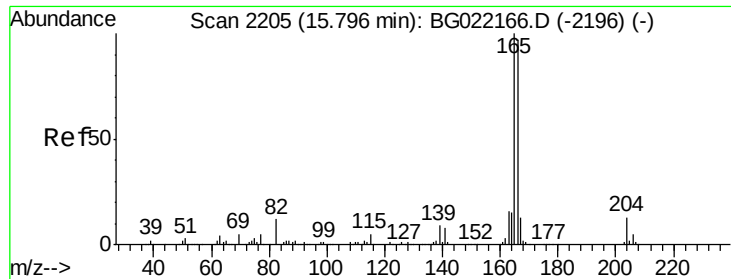
Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.3	49.2	89.2
65	73.3	83.2	123.2



#56
2,4-Dinitrotoluene
Concen: 51.83 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.8	37.4	56.0
89	64.5	59.4	89.0
182	2.6	2.1	3.1

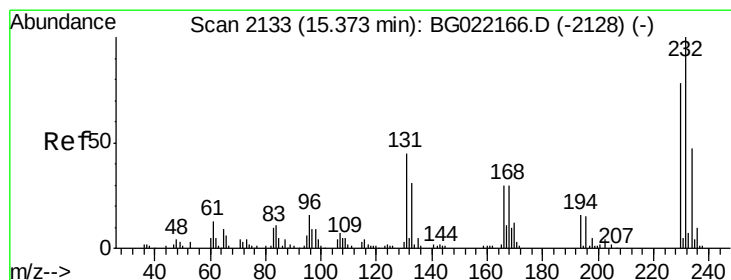
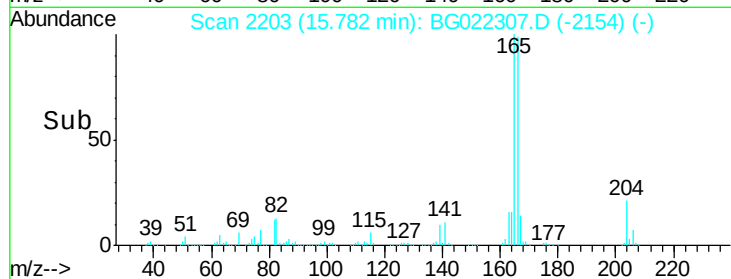
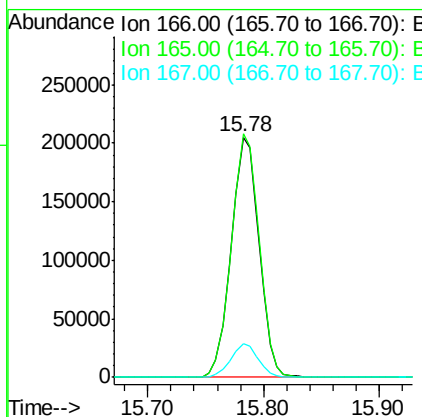
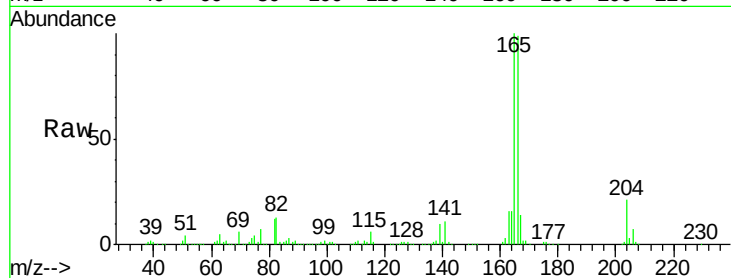




#57
 Fluorene
 Concen: 49.28 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

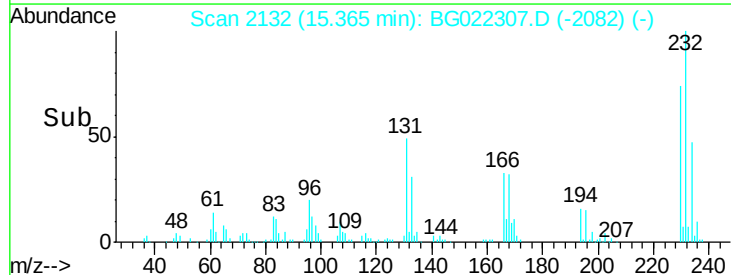
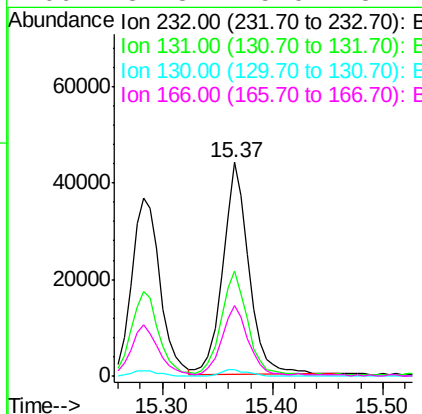
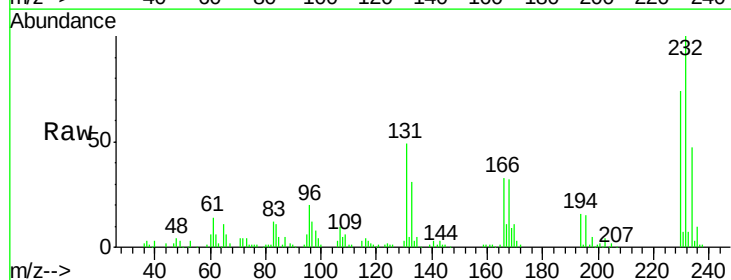
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

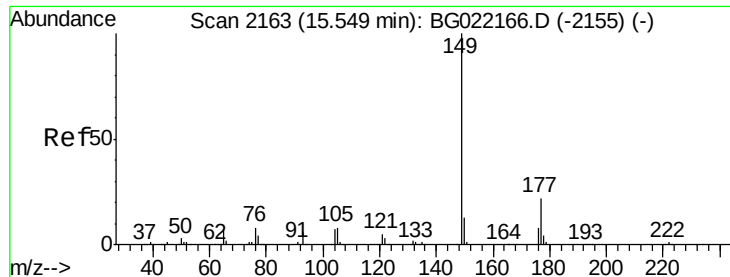
Tgt Ion:166 Resp: 343205
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.0 118.4
 167 14.0 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.85 ng
 RT: 15.37 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:232 Resp: 72871
 Ion Ratio Lower Upper
 232 100
 131 48.4 36.3 54.5
 130 2.8 1.9 2.9
 166 34.8 25.0 37.4

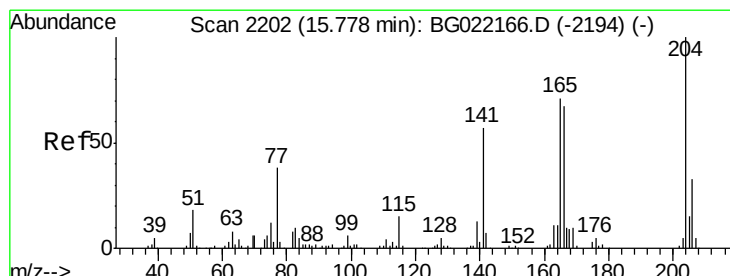
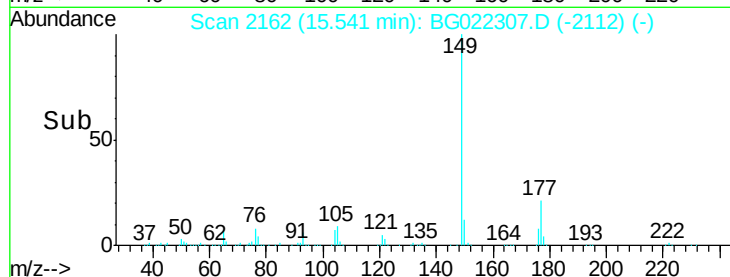
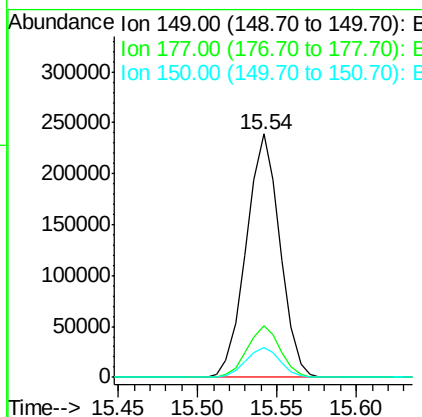
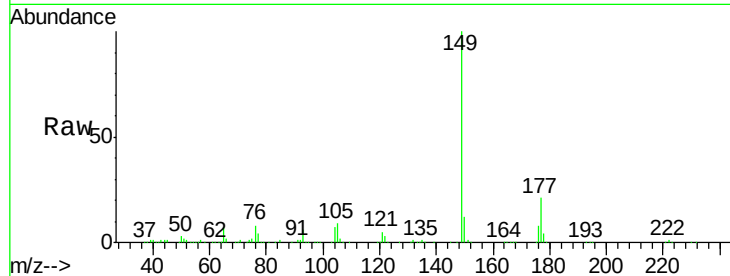




#59
Diethylphthalate
Concen: 46.65 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

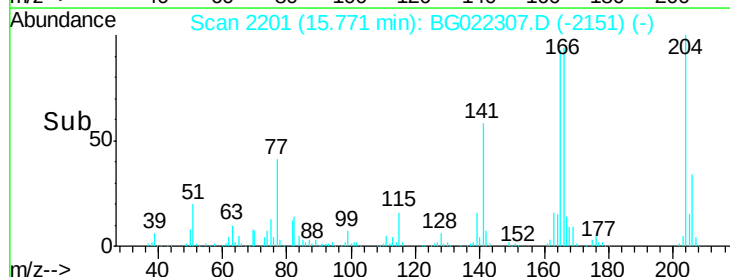
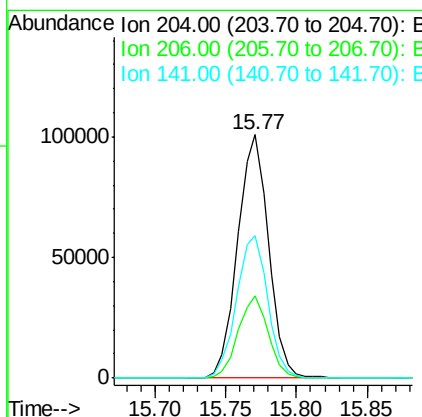
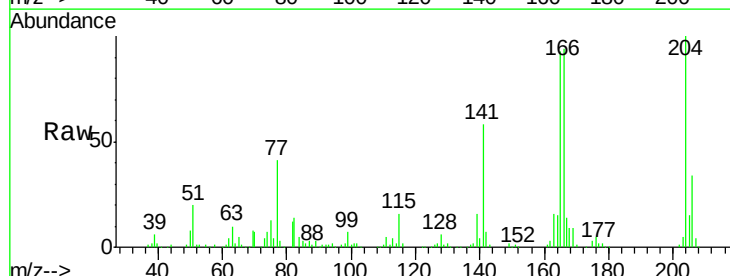
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

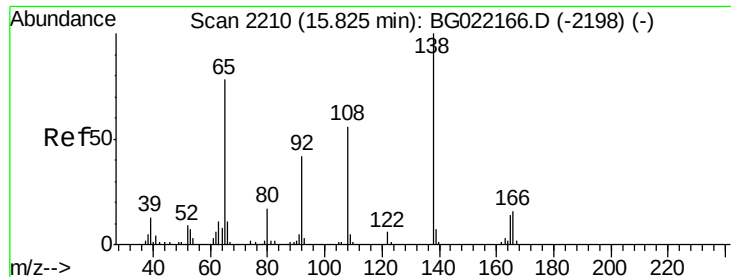
Tgt Ion:149 Resp: 352986
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.1 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 49.15 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion:204 Resp: 155020
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.8
141 58.3 51.0 76.4

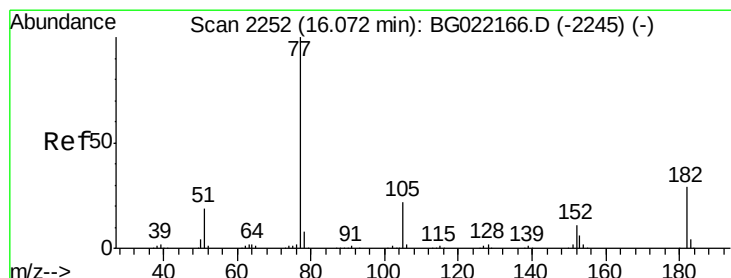
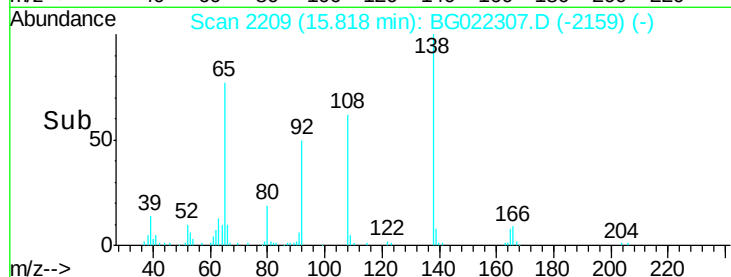
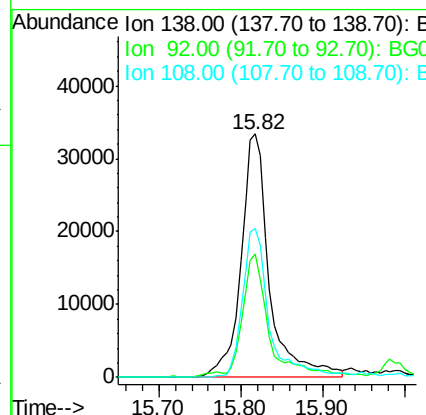
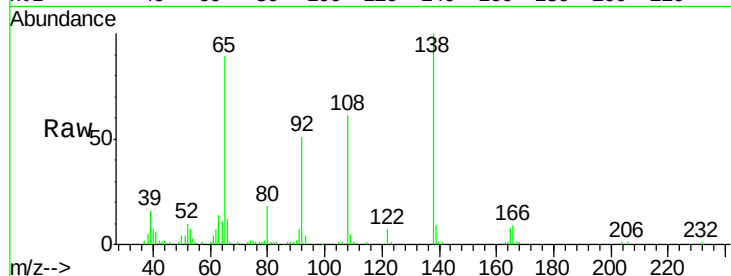




#61
4-Nitroaniline
Concen: 44.44 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

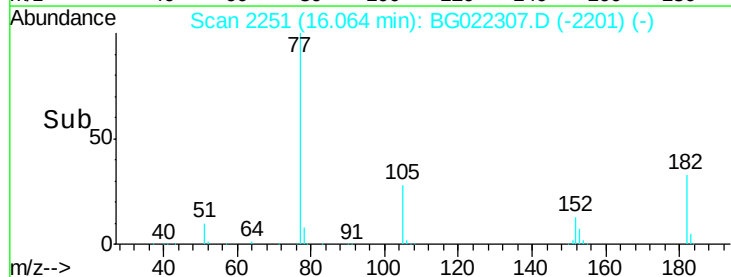
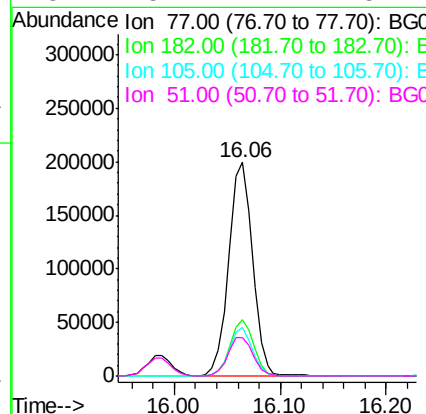
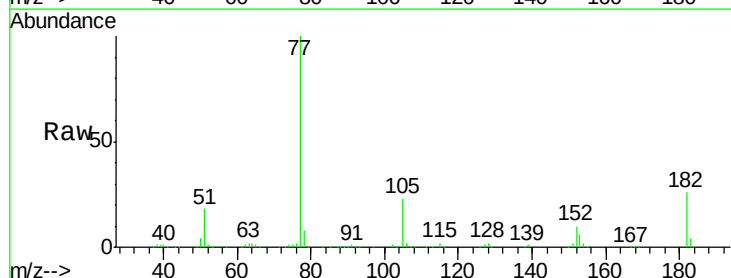
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

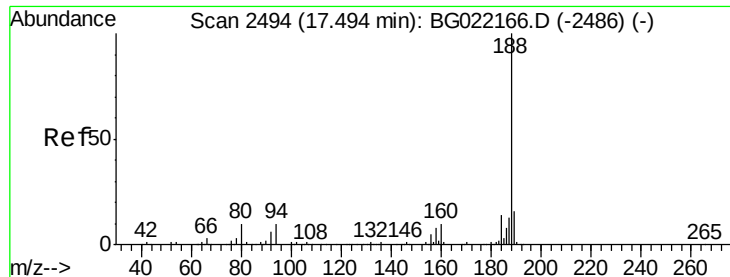
Tgt Ion: 138 Resp: 80503
Ion Ratio Lower Upper
138 100
92 50.9 37.7 77.7
108 61.3 59.4 99.4



#62
Azobenzene
Concen: 54.04 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion: 77 Resp: 309642
Ion Ratio Lower Upper
77 100
182 26.4 4.1 44.1
105 22.6 0.0 39.8
51 18.1 11.1 51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

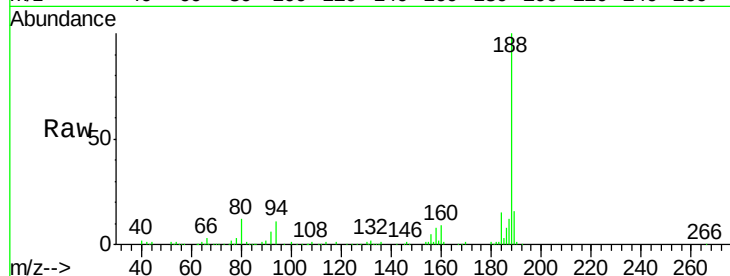
Tgt Ion:188 Resp: 181008

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

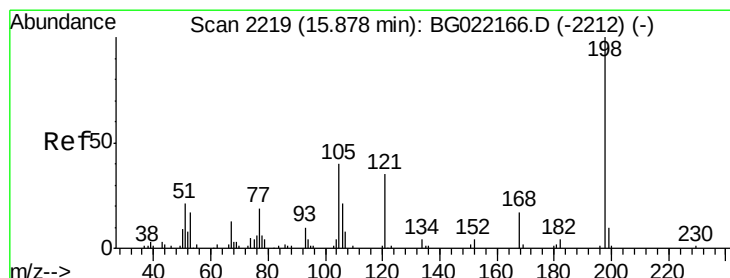
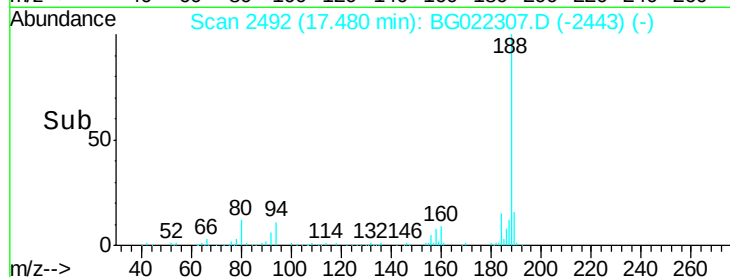
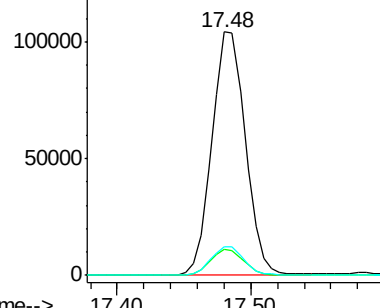
80 11.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 55.05 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

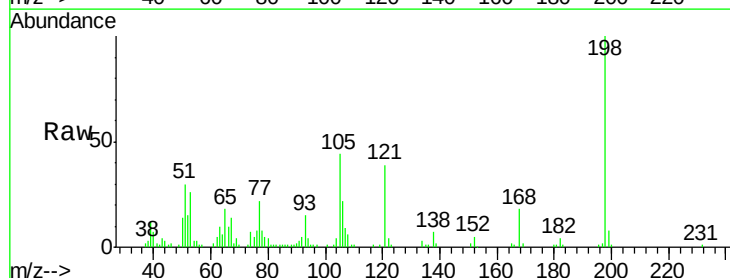
Tgt Ion:198 Resp: 51359

Ion Ratio Lower Upper

198 100

51 29.7 29.2 69.2

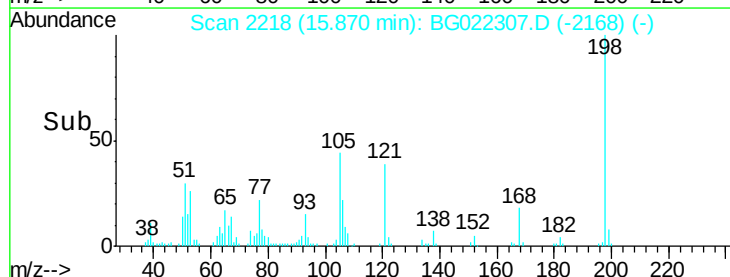
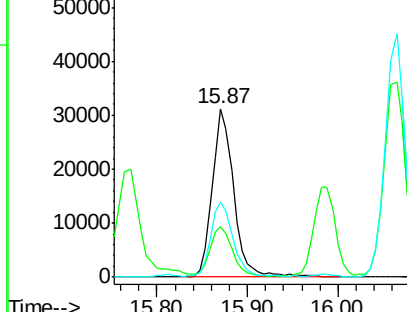
105 44.4 24.0 64.0

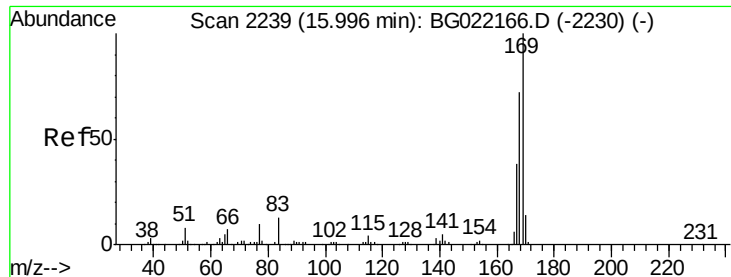


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 54.71 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

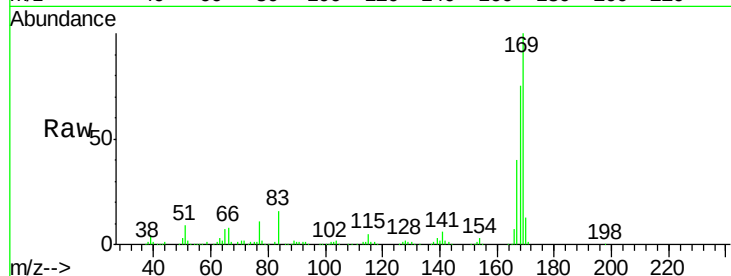
Tgt Ion:169 Resp: 285269

Ion Ratio Lower Upper

169 100

168 75.0 59.6 89.4

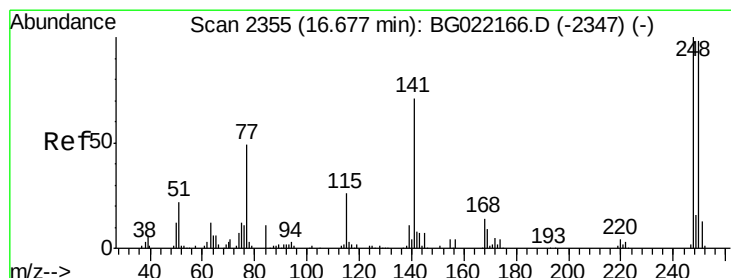
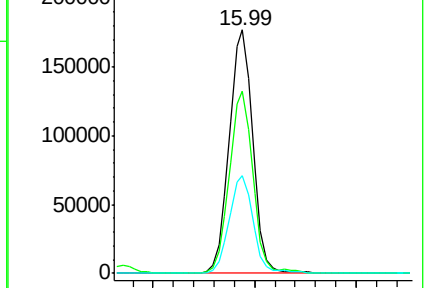
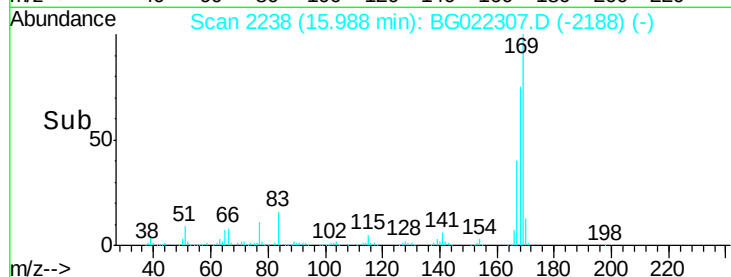
167 40.2 31.2 46.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.37 ng

RT: 16.66 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

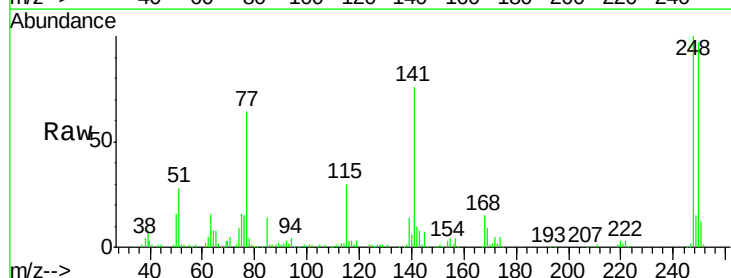
Tgt Ion:248 Resp: 88818

Ion Ratio Lower Upper

248 100

250 97.3 76.6 114.8

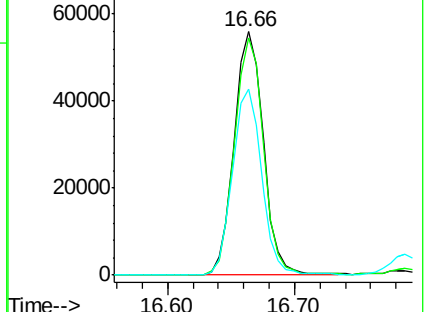
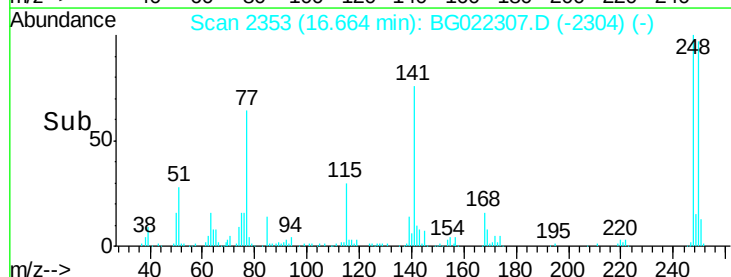
141 76.4 63.8 95.6

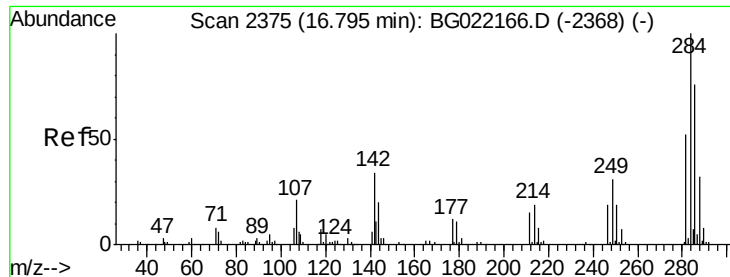


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.57 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

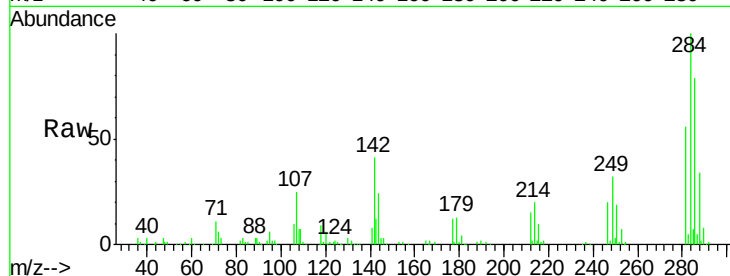
Tgt Ion:284 Resp: 96017

Ion Ratio Lower Upper

284 100

142 40.6 31.8 47.6

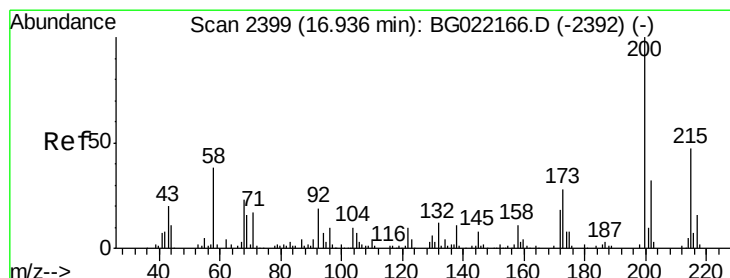
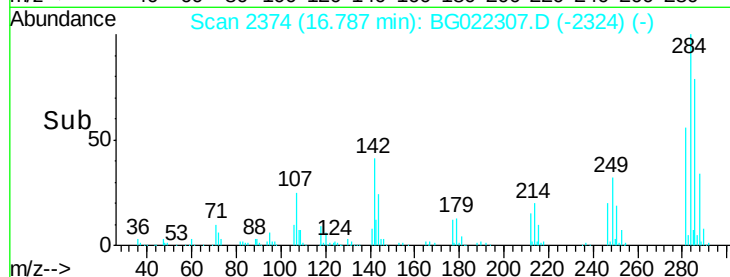
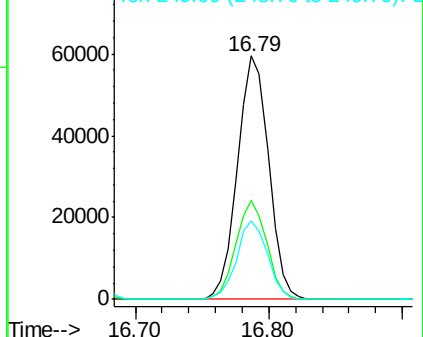
249 34.9 27.3 40.9



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: 47.42 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

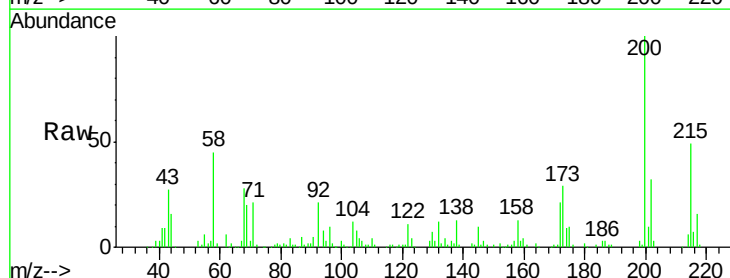
Tgt Ion:200 Resp: 91528

Ion Ratio Lower Upper

200 100

173 29.3 5.1 45.1

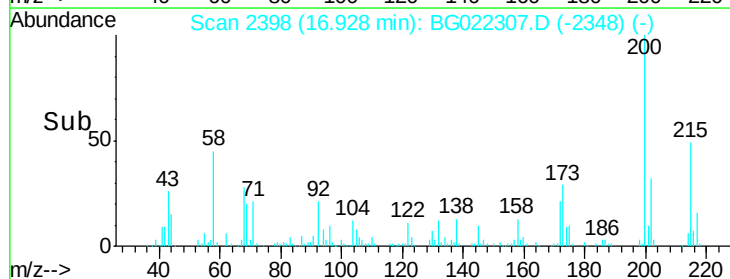
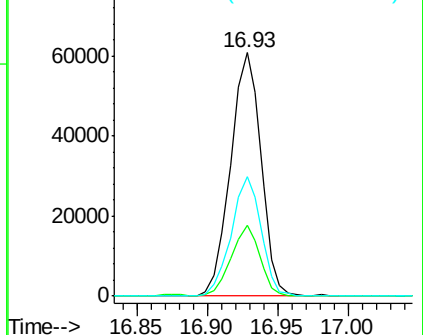
215 49.0 28.0 68.0

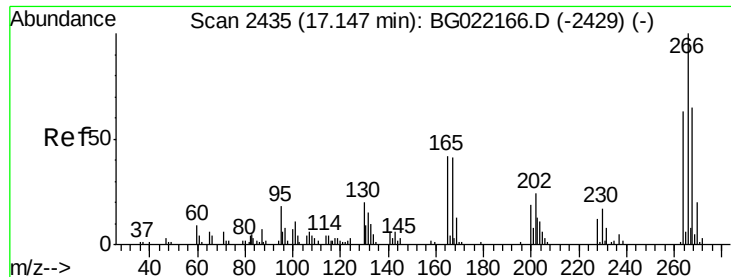


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

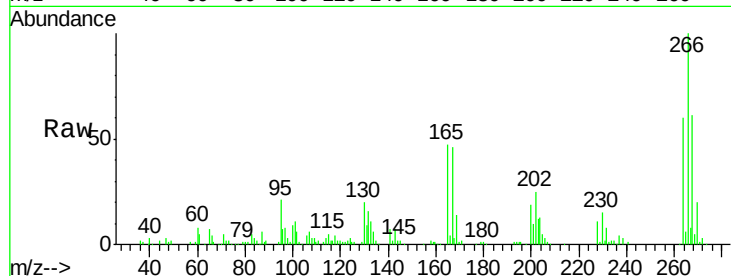




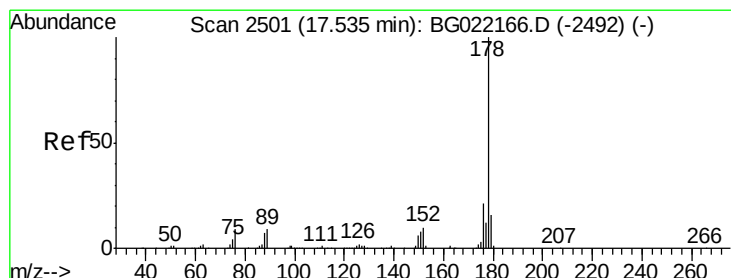
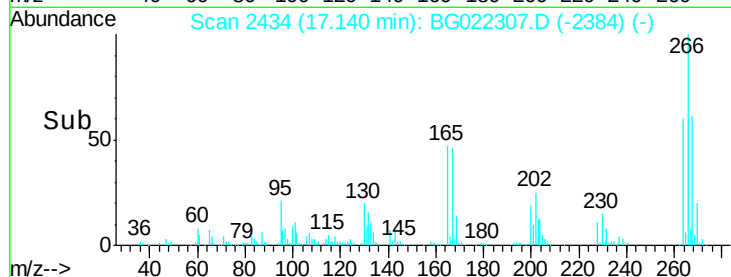
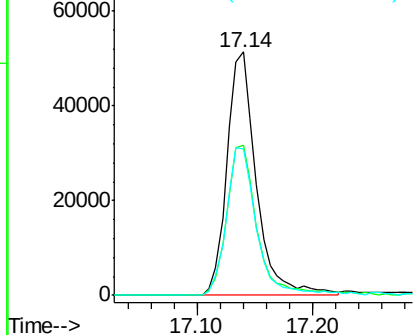
#69
 Pentachlorophenol
 Concen: 99.67 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion: 266 Resp: 90956
 Ion Ratio Lower Upper
 266 100
 268 66.0 54.5 81.7
 264 65.8 53.8 80.6

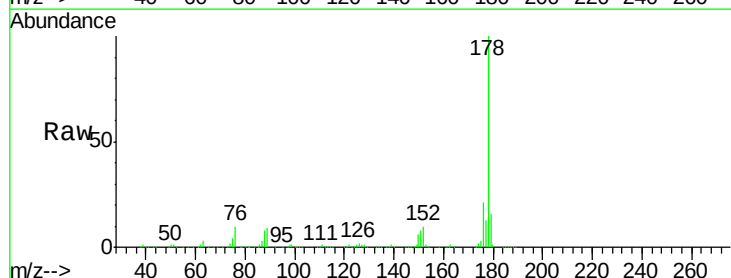


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

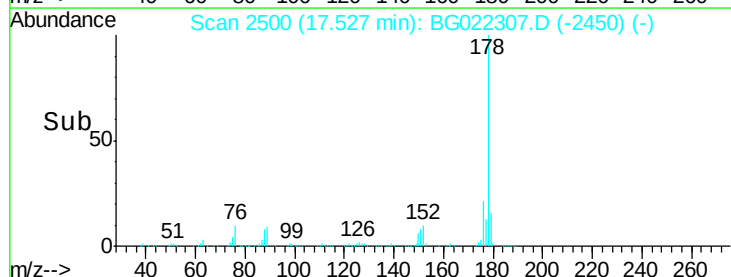
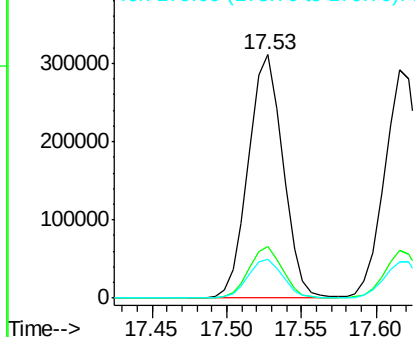


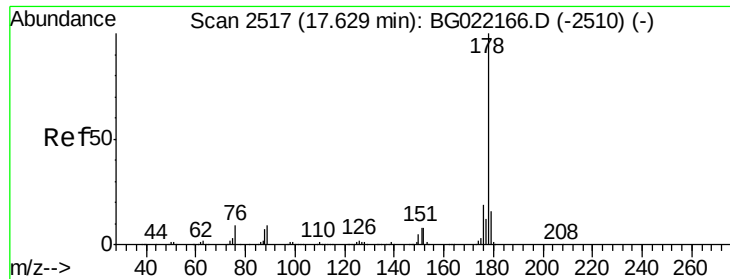
#70
 Phenanthrene
 Concen: 50.90 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion: 178 Resp: 500383
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.2 24.4
 179 16.1 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

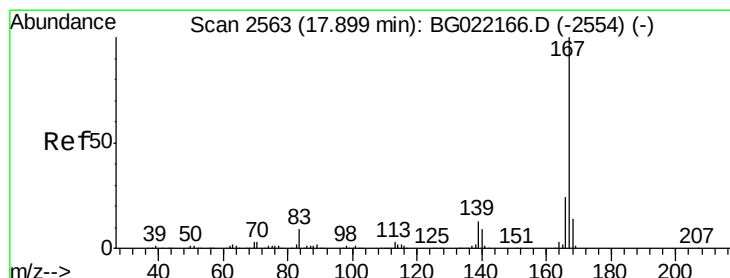
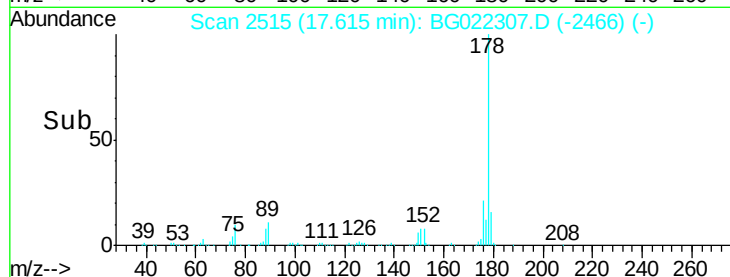
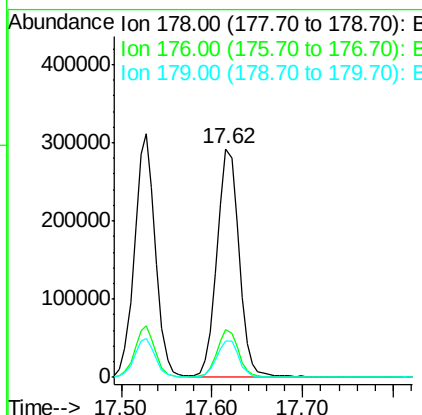
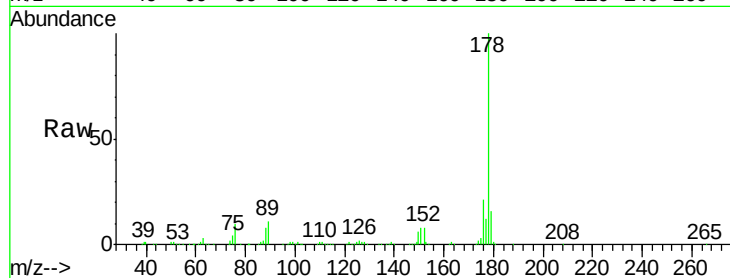




#71
 Anthracene
 Concen: 50.47 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

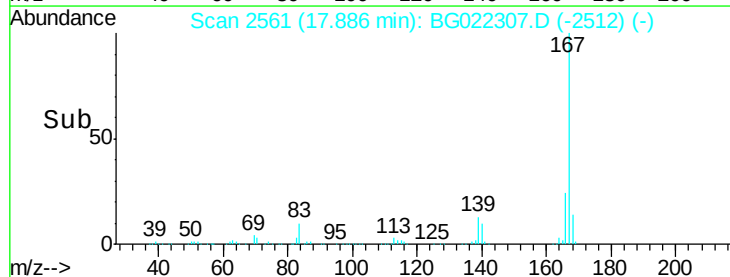
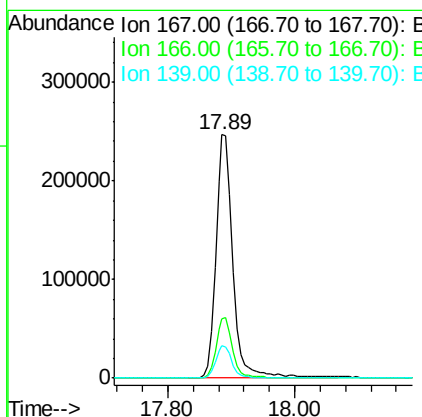
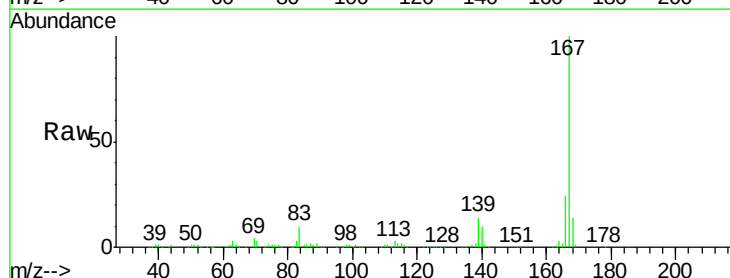
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

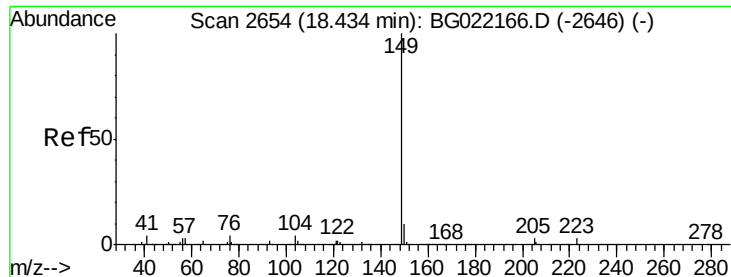
Tgt Ion:178 Resp: 492132
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.0 22.4
 179 16.1 12.2 18.4



#72
 Carbazole
 Concen: 50.77 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion:167 Resp: 468832
 Ion Ratio Lower Upper
 167 100
 166 24.4 18.6 27.8
 139 13.5 10.6 15.8





#73

Di-n-butylphthalate

Concen: 50.69 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

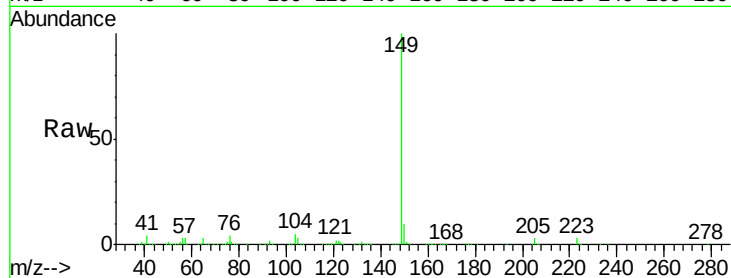
Tgt Ion:149 Resp: 611956

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

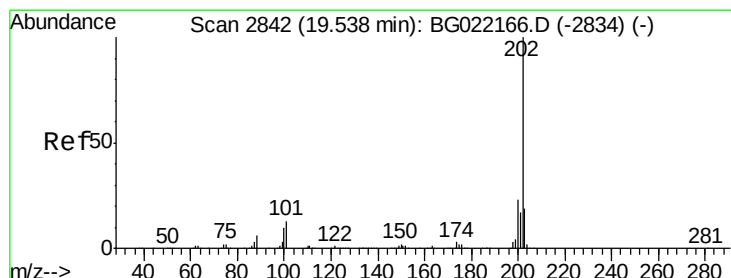
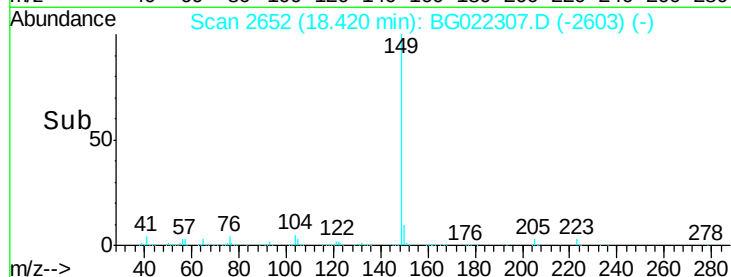
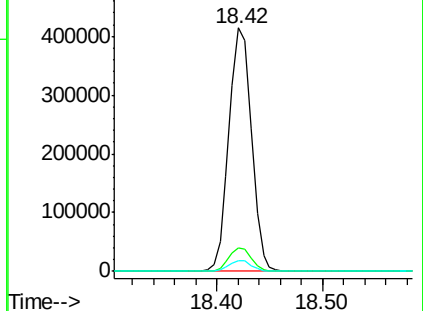
104 4.5 4.0 6.0



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: 47.74 ng

RT: 19.53 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

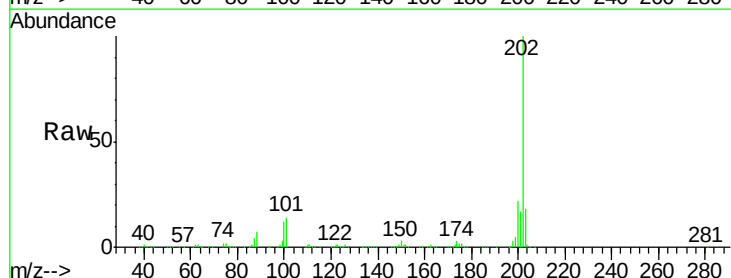
Tgt Ion:202 Resp: 539581

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.0

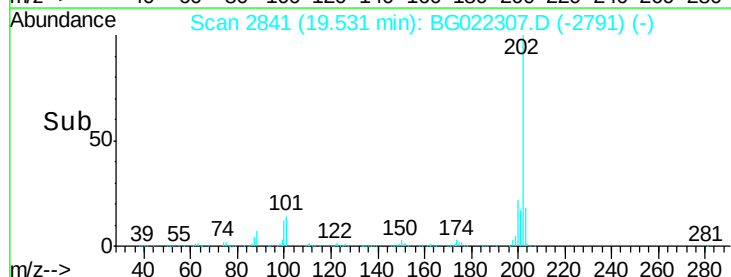
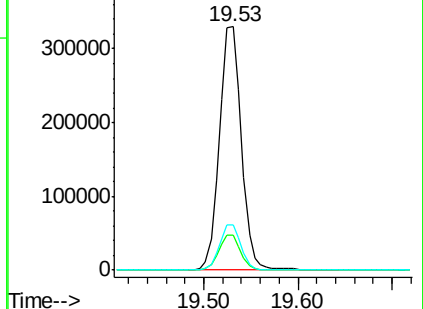
203 18.4 0.0 37.9

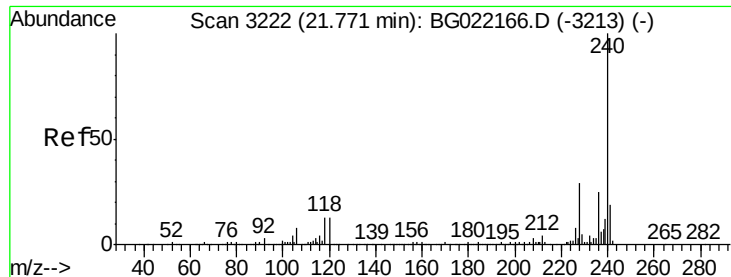


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

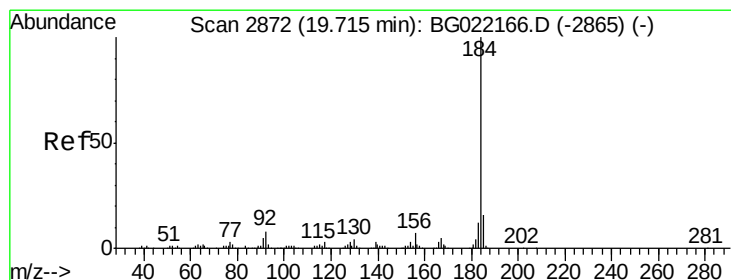
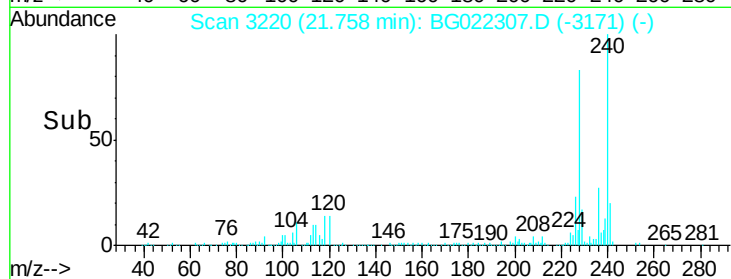
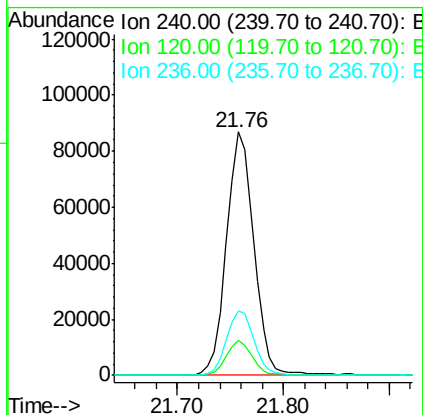
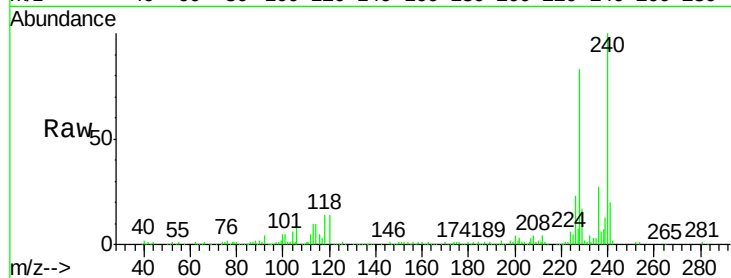
BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

Tgt Ion:240 Resp: 155715

Ion	Ratio	Lower	Upper
240	100		
120	14.3	8.4	12.6#
236	26.6	19.6	29.4



#76

Benzidine

Concen: 12.15 ng

RT: 19.71 min Scan# 2872

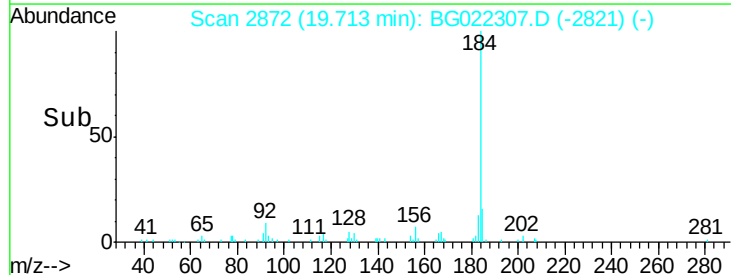
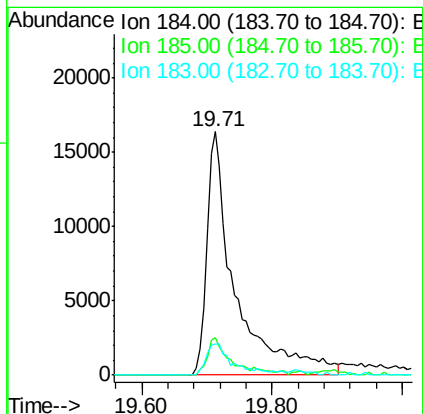
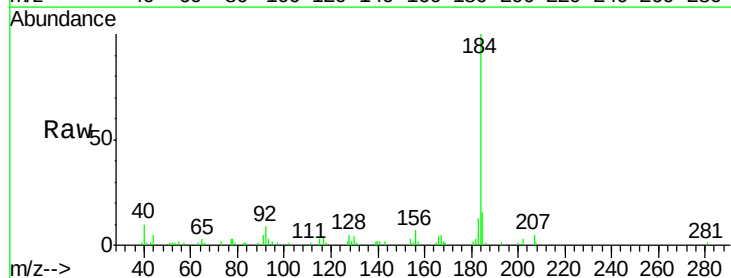
Delta R.T. -0.00 min

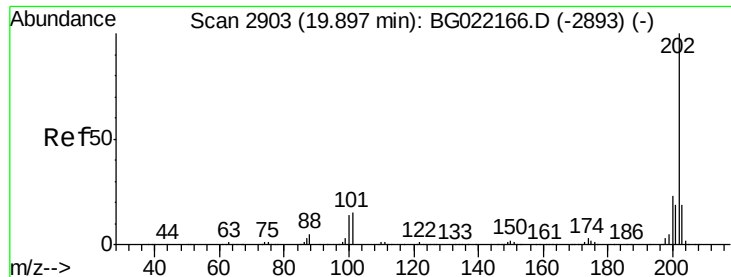
Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Tgt Ion:184 Resp: 49484

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.5	17.3
183	12.7	10.2	15.4

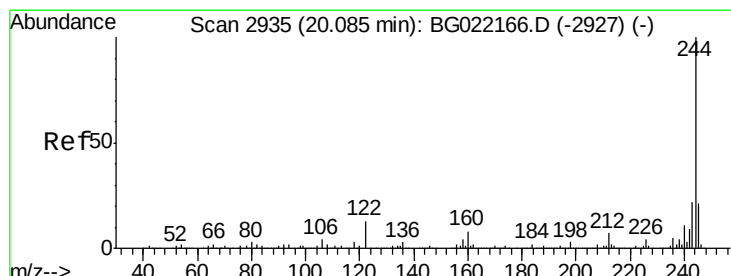
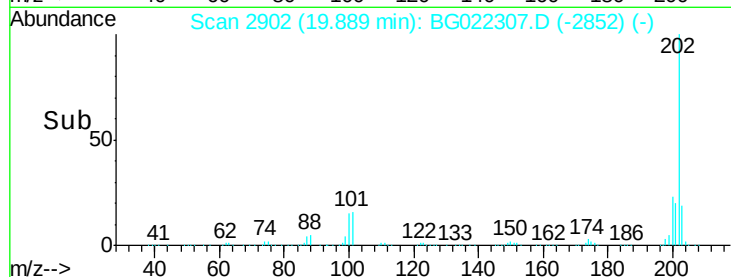
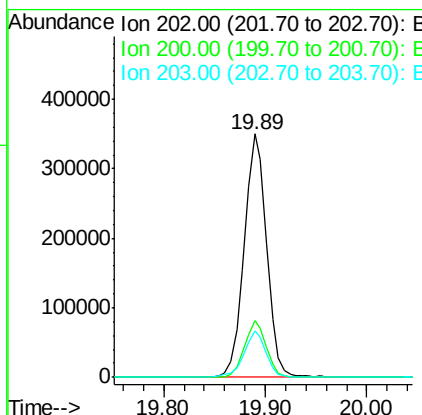
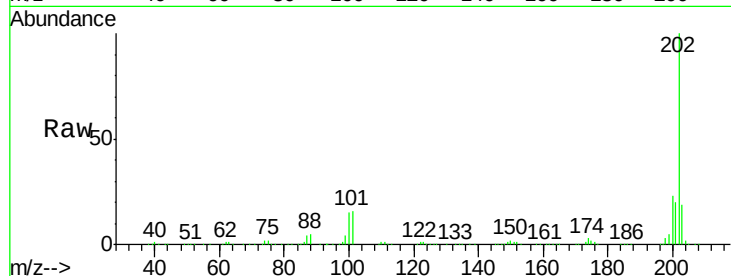




#77
Pyrene
 Concen: 55.45 ng
 RT: 19.89 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

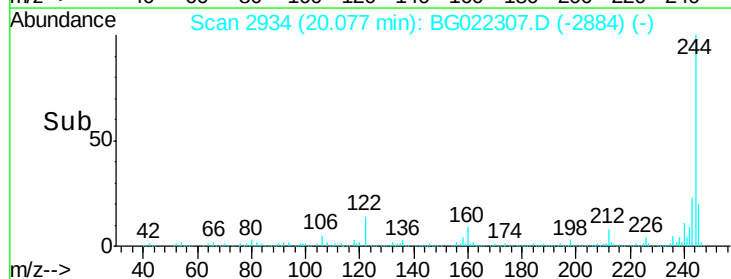
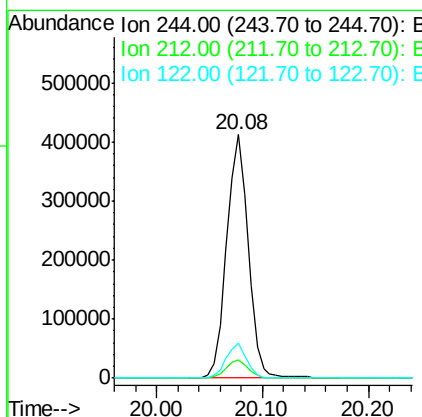
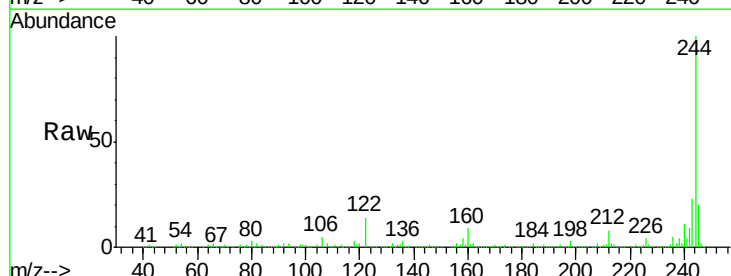
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

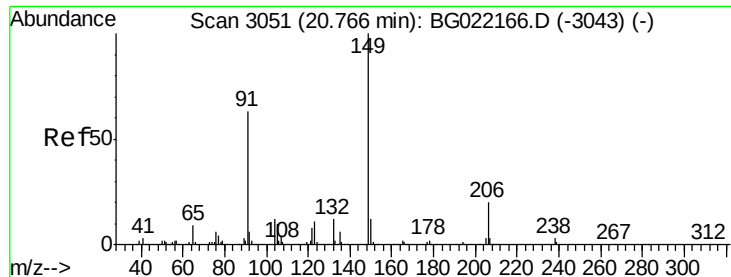
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	19.2	15.0	22.4



#78
Terphenyl-d14
 Concen: 88.93 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	14.2	8.6	12.8

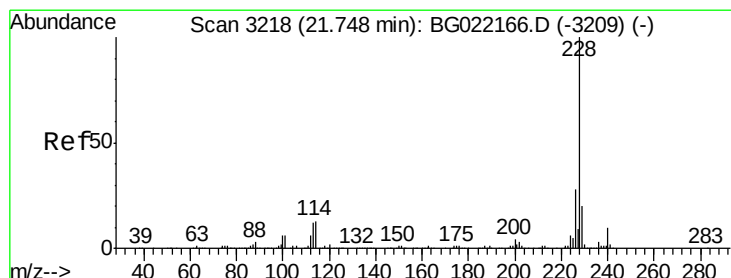
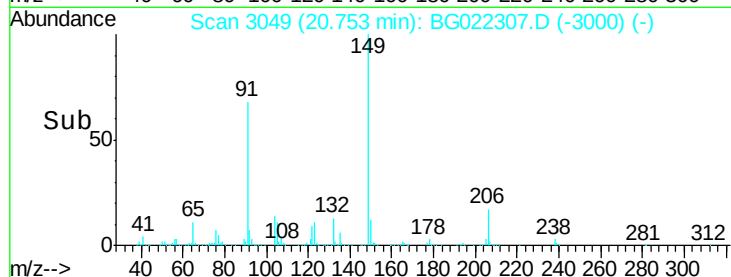
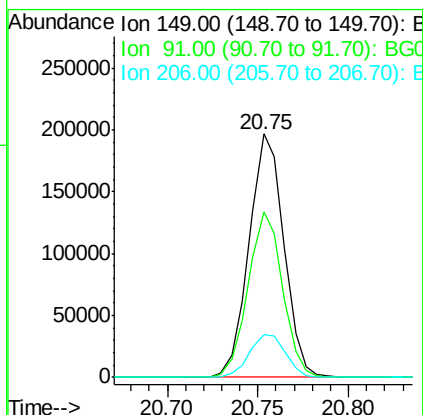
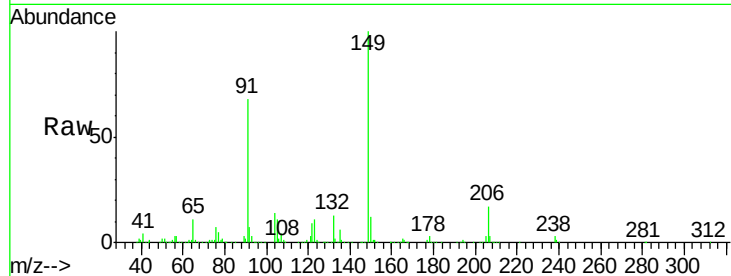




#79
Butylbenzylphthalate
Concen: 58.42 ng
RT: 20.75 min Scan# 3049
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

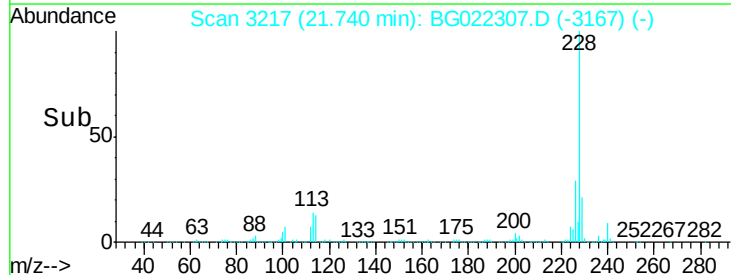
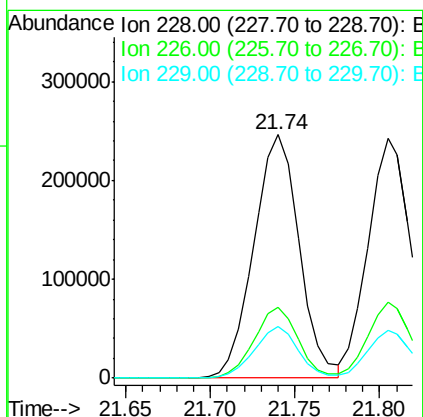
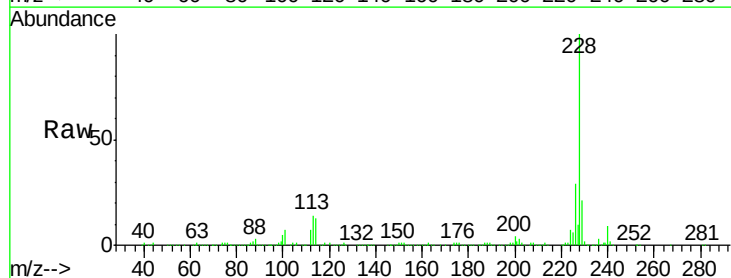
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

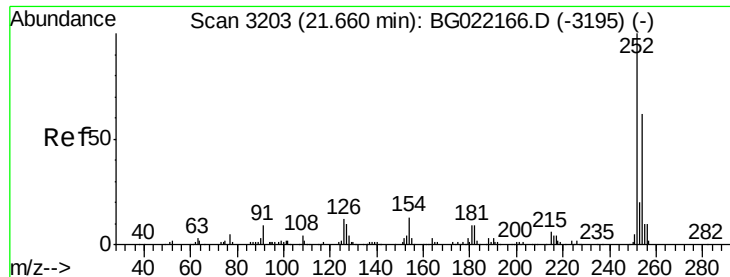
Tgt Ion:149 Resp: 262267
Ion Ratio Lower Upper
149 100
91 68.1 57.8 86.8
206 17.5 17.0 25.4



#80
Benzo(a)anthracene
Concen: 52.77 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion:228 Resp: 460756
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 21.1 16.1 24.1

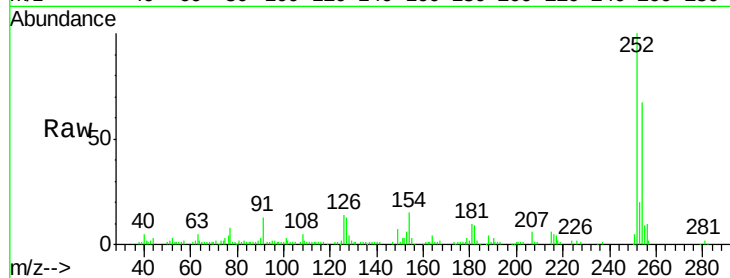




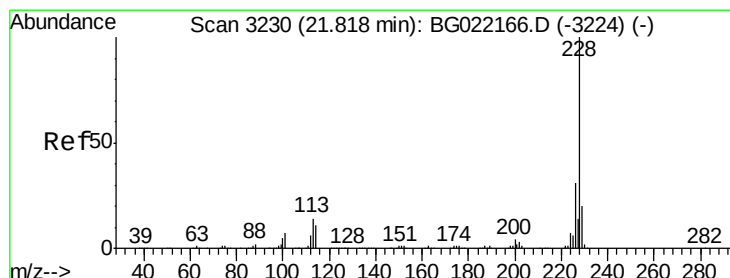
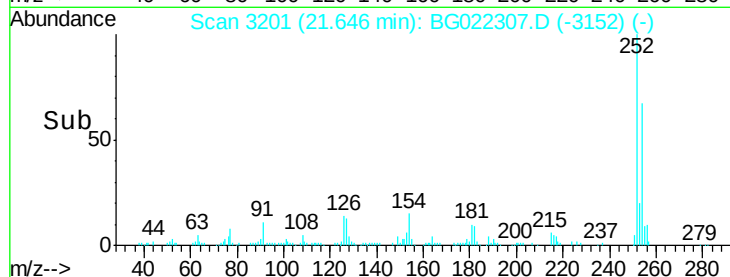
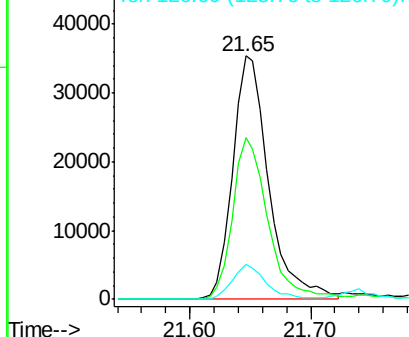
#81
 3,3'-Dichlorobenzidine
 Concen: 30.00 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.8	77.6
126	14.2	8.8	13.2

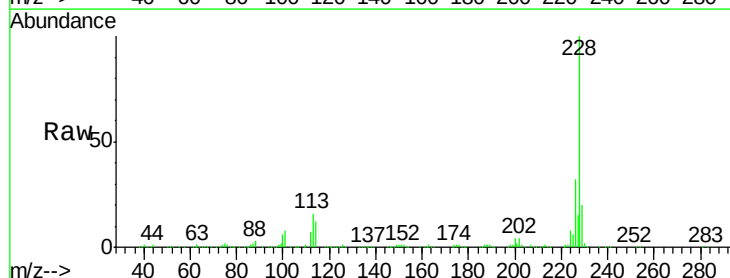


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

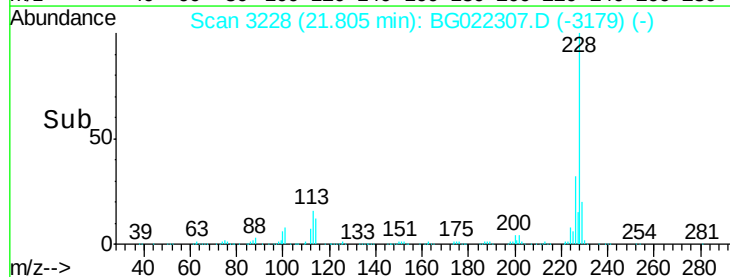
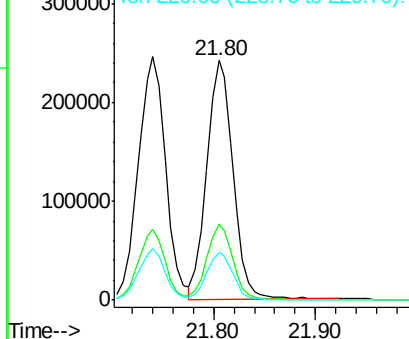


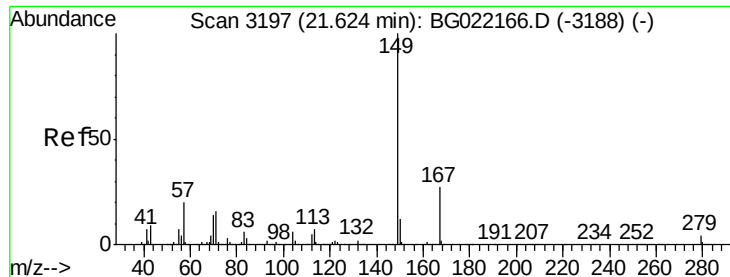
#82
 Chrysene
 Concen: 50.99 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.0	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

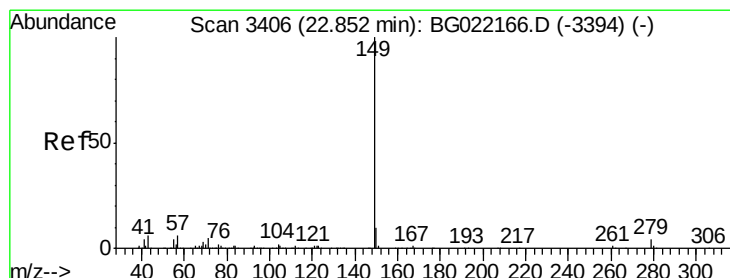
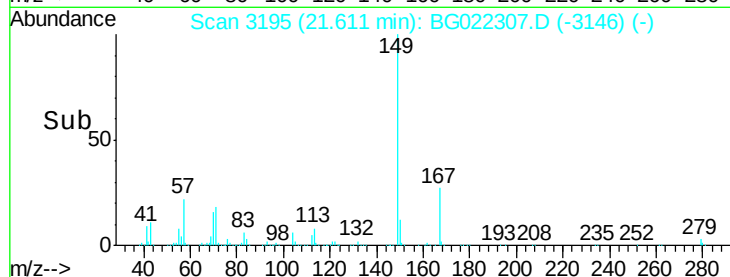
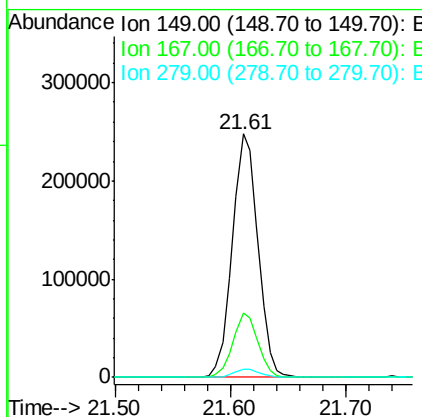
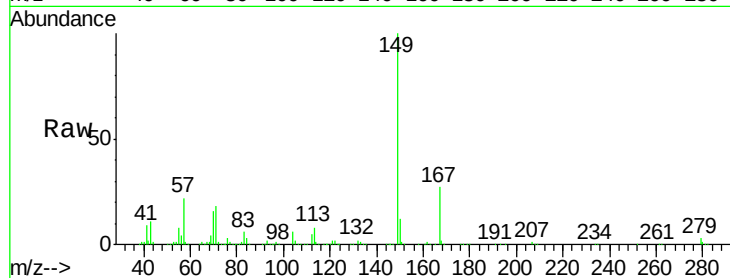




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.61 ng
 RT: 21.61 min Scan# 3195
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

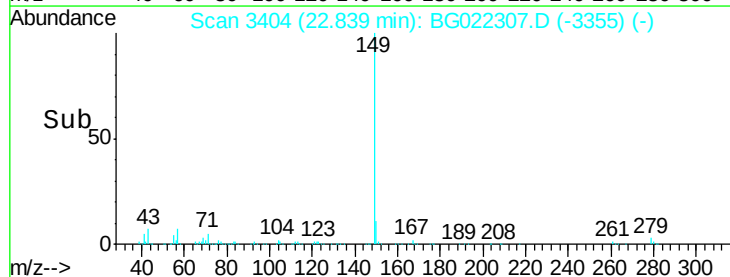
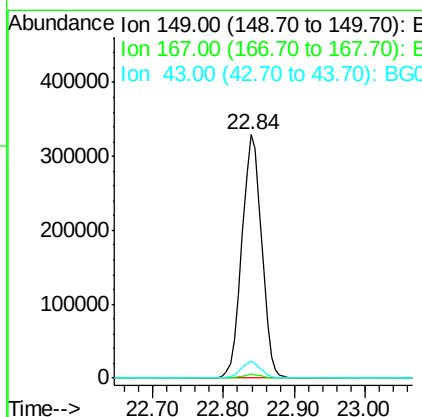
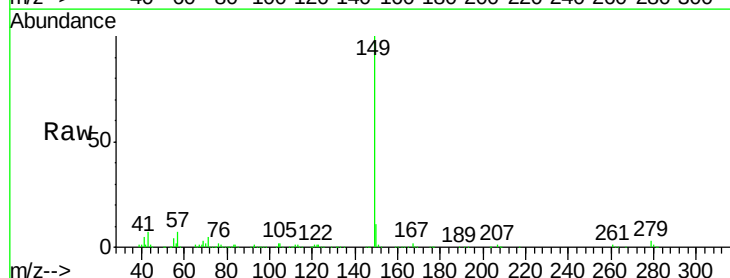
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

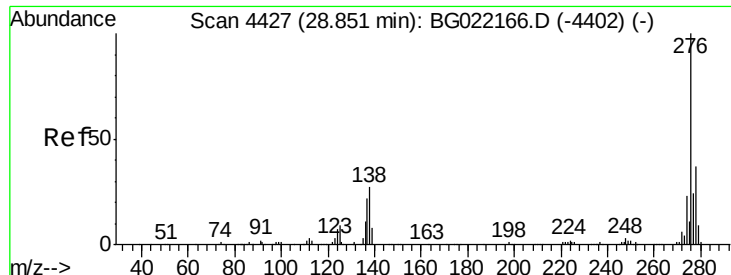
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.4	33.6
279	3.4	3.2	4.8



#84
 Di-n-octyl phthalate
 Concen: 58.54 ng
 RT: 22.84 min Scan# 3404
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	6.6	9.8	14.6#

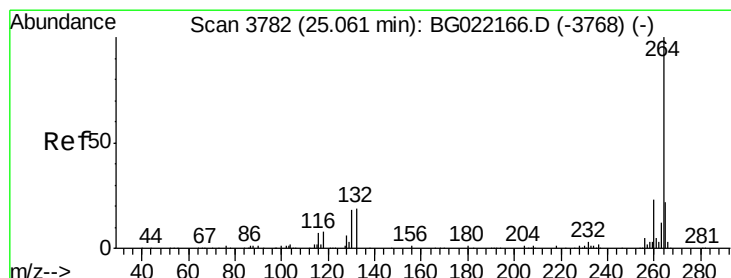
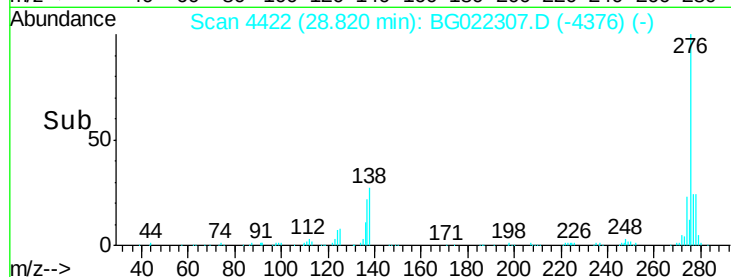
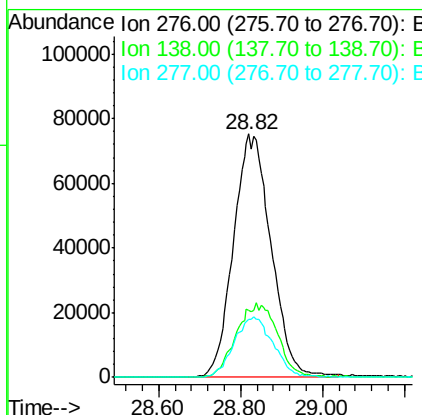
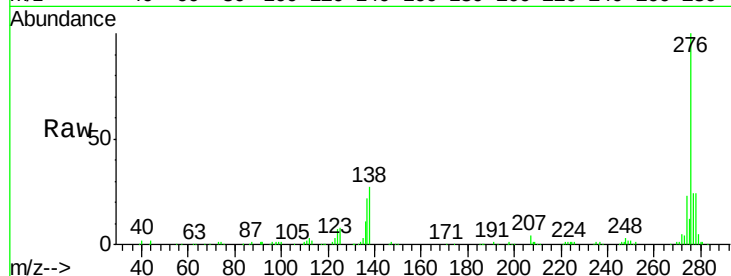




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.42 ng
 RT: 28.82 min Scan# 4427
 Delta R.T. -0.03 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

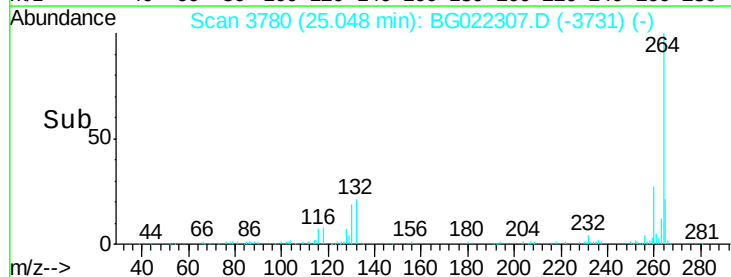
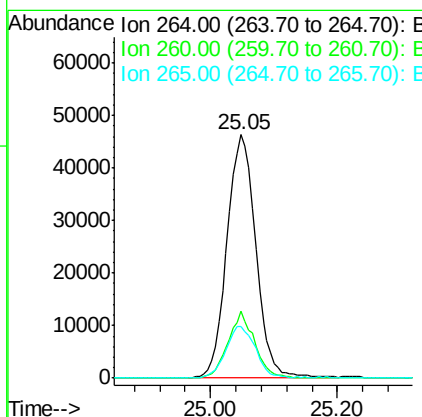
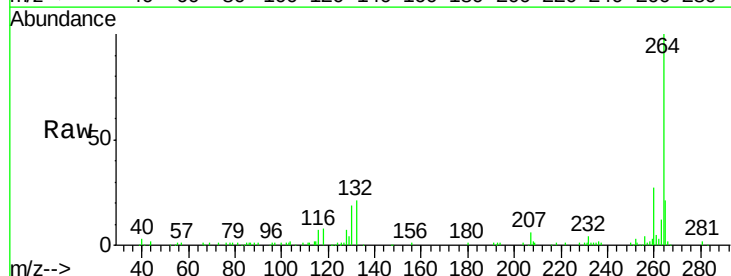
Instrument :
 BNA_G
 ClientSampleId :
 11-VE-PILE-WALL(0-2)MSD

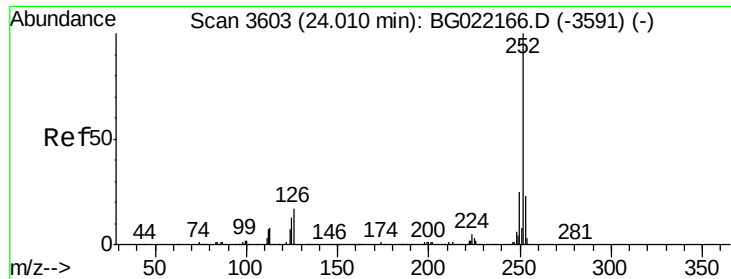
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	14.0	21.0#
277	25.6	20.6	30.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.01 min
 Lab File: BG022307.D
 Acq: 11 Jun 2016 4:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.2	30.4
265	21.1	17.8	26.8

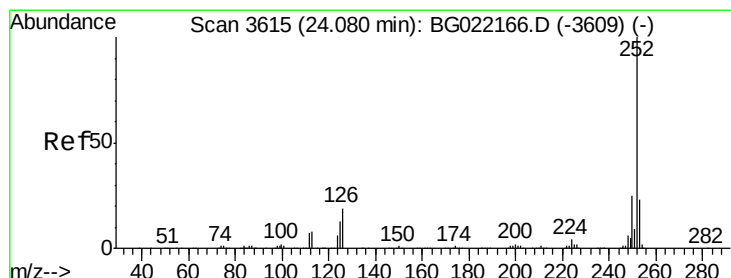
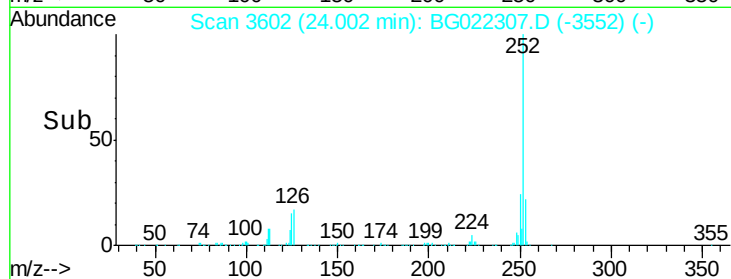
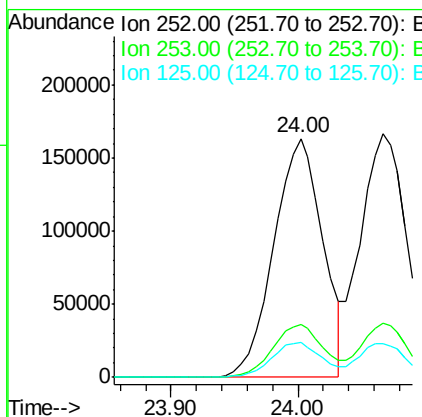
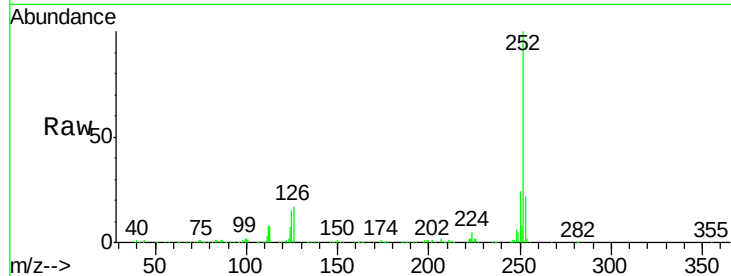




#87
Benzo(b)fluoranthene
Concen: 51.08 ng
RT: 24.00 min Scan# 3602
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

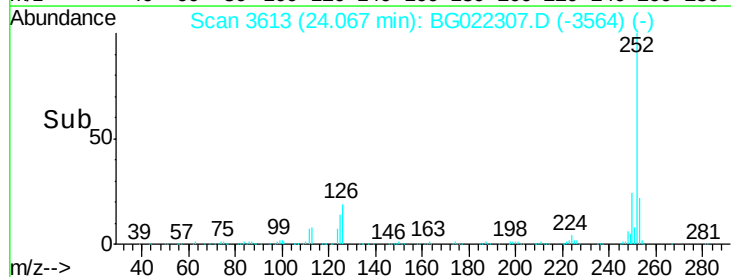
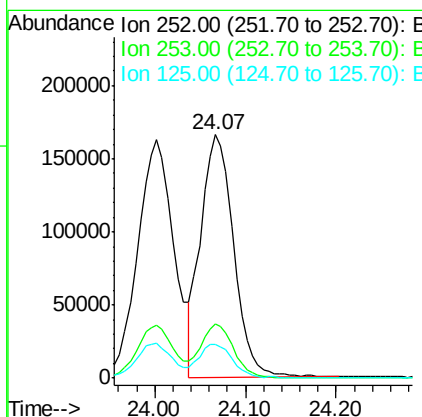
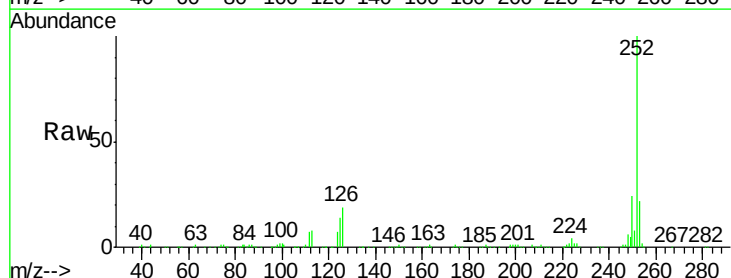
Instrument :
BNA_G
ClientSampleId :
11-VE-PILE-WALL(0-2)MSD

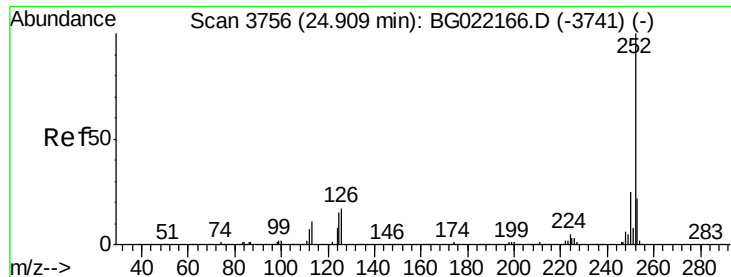
Tgt Ion:252 Resp: 436735
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 14.7 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 49.73 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.01 min
Lab File: BG022307.D
Acq: 11 Jun 2016 4:36

Tgt Ion:252 Resp: 418622
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 14.0 8.3 12.5#





#89

Benzo(a)pyrene

Concen: 51.64 ng

RT: 24.90 min Scan# 3754

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

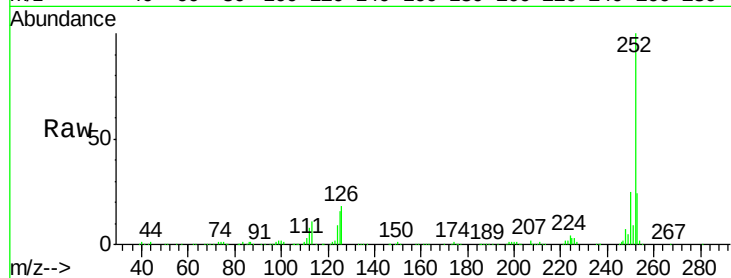
Tgt Ion:252 Resp: 422195

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

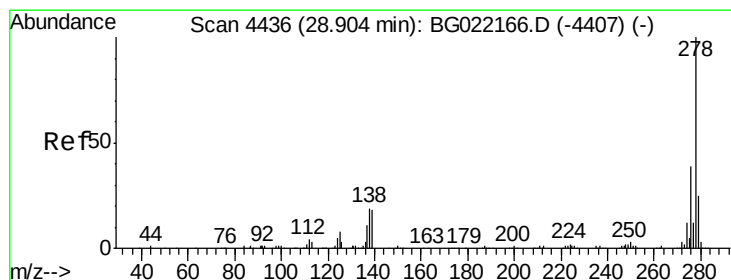
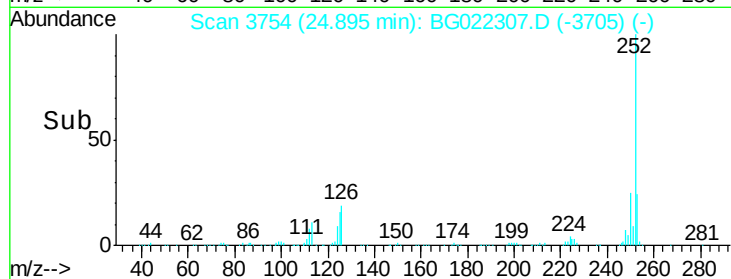
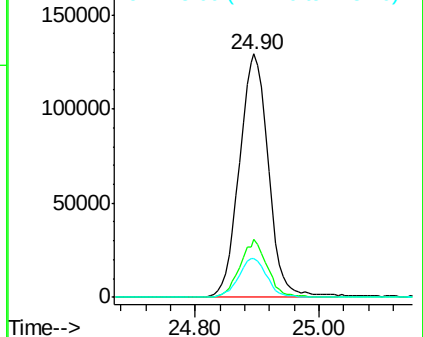
125 16.0 9.6 14.4#



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: 51.05 ng

RT: 28.87 min Scan# 4431

Delta R.T. -0.03 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

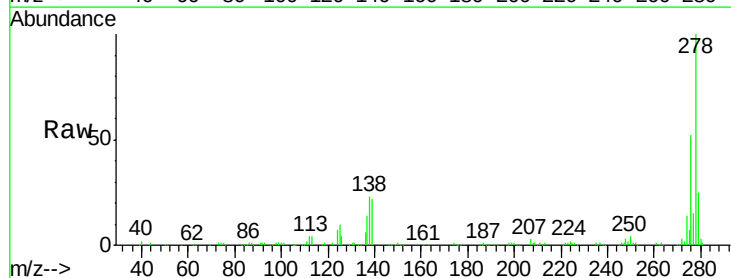
Tgt Ion:278 Resp: 393042

Ion Ratio Lower Upper

278 100

139 21.6 11.9 17.9#

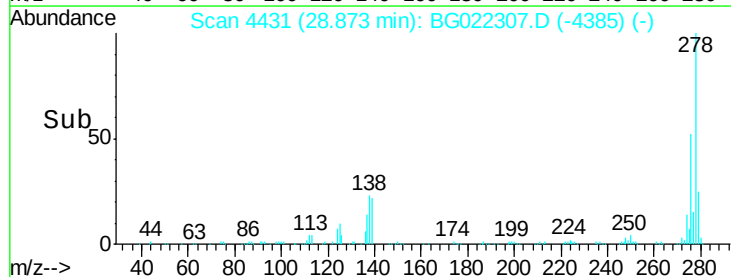
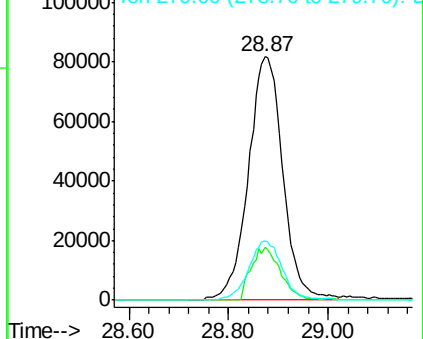
279 24.6 18.2 27.2

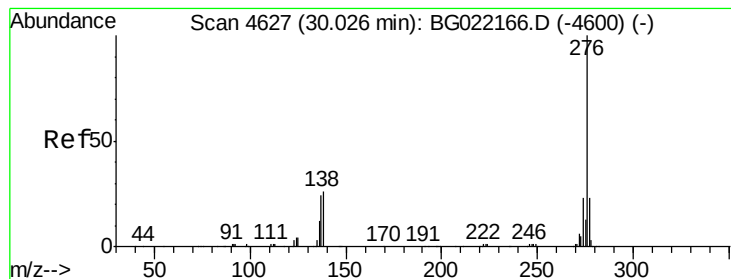


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.71 ng

RT: 30.01 min Scan# 4625

Delta R.T. -0.01 min

Lab File: BG022307.D

Acq: 11 Jun 2016 4:36

Instrument :

BNA_G

ClientSampleId :

11-VE-PILE-WALL(0-2)MSD

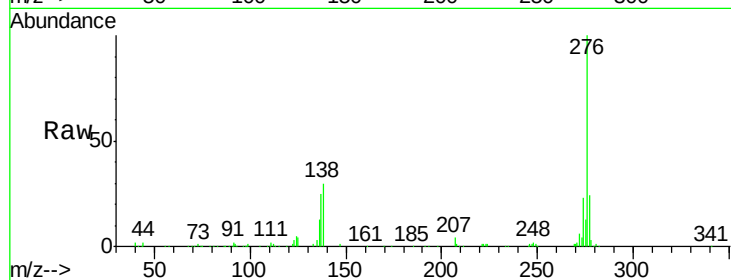
Tgt Ion: 276 Resp: 390207

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 29.5 17.4 26.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

