

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022313.D
 Acq On : 11 Jun 2016 8:36
 Operator : UM/SJ
 Sample : H3449-05MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 12 02:57:11 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	29242	20.00	ng	-0.02
21) Naphthalene-d8	10.92	136	144292	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	81370	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	175126	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	156684	20.00	ng	-0.01
86) Perylene-d12	25.05	264	143647	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	235169	155.49	ng	-0.01
7) Phenol-d6	7.27	99	347313	146.06	ng	0.00
23) Nitrobenzene-d5	9.28	82	183671	88.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	103334	112.39	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	414357	77.60	ng	-0.01
78) Terphenyl-d14	20.07	244	497790	75.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	23598	32.54	ng	# 72
3) Pyridine	3.91	79	36954	18.86	ng	95
4) n-Nitrosodimethylamine	3.82	42	21291	48.59	ng	# 85
6) Aniline	7.43	93	64204	21.25	ng	# 84
8) 2-Chlorophenol	7.67	128	96501	46.16	ng	82
9) Benzaldehyde	7.25	77	5382	4.11	ng	# 80
10) Phenol	7.29	94	122928	50.14	ng	82
11) bis(2-Chloroethyl)ether	7.52	93	87049	44.53	ng	# 77
12) 1,3-Dichlorobenzene	7.99	146	91682	40.92	ng	# 90
13) 1,4-Dichlorobenzene	8.14	146	93491	41.88	ng	94
14) 1,2-Dichlorobenzene	8.46	146	93447	41.52	ng	93
15) Benzyl Alcohol	8.35	79	67982	44.25	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	92905	45.81	ng	86
17) 2-Methylphenol	8.56	107	85701	46.84	ng	# 87
18) Hexachloroethane	9.19	117	34986	42.92	ng	# 81
19) n-Nitroso-di-n-propylamine	8.91	70	67448	41.90	ng	# 70
20) 3+4-Methylphenols	8.88	107	115339	43.95	ng	95
22) Acetophenone	8.93	105	133772	43.02	ng	# 82
24) Nitrobenzene	9.32	77	97571	46.88	ng	# 88
25) Isophorone	9.84	82	194780	40.23	ng	# 95
26) 2-Nitrophenol	10.03	139	52996	46.96	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	93725	45.88	ng	88
28) bis(2-Chloroethoxy)methane	10.32	93	119563	43.10	ng	95
29) 2,4-Dichlorophenol	10.58	162	88535	46.79	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	89155	42.16	ng	91
31) Naphthalene	10.98	128	307023	42.63	ng	# 95
32) Benzoic acid	10.23	122	33321	47.65	ng	91
33) 4-Chloroaniline	11.09	127	28247	9.43	ng	# 88
34) Hexachlorobutadiene	11.25	225	45784	40.33	ng	96
35) Caprolactam	11.86	113	18742	18.05	ng	# 50
36) 4-Chloro-3-methylphenol	12.21	107	100738	44.91	ng	92
37) 2-Methylnaphthalene	12.58	142	216112	40.64	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	89042	42.51	ng	97
40) Hexachlorocyclopentadiene	12.91	237	70255	66.70	ng	97

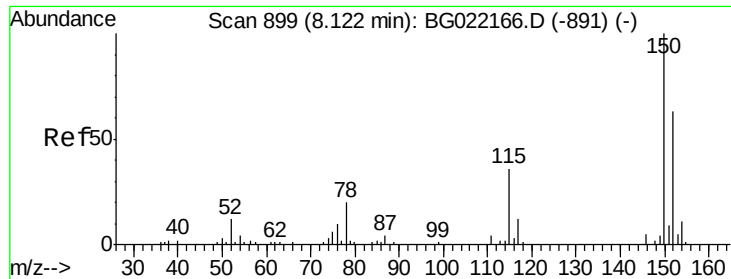
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	65723	46.77	ng	97
43) 2,4,5-Trichlorophenol	13.26	196	70220	45.23	ng	95
45) 1,1'-Biphenyl	13.57	154	271845	44.39	ng	95
46) 2-Chloronaphthalene	13.62	162	210750	44.90	ng	98
47) 2-Nitroaniline	13.83	65	52753	47.13	ng	# 57
48) Acenaphthylene	14.46	152	357168	43.36	ng	96
49) Dimethylphthalate	14.19	163	340481	50.47	ng	100
50) 2,6-Dinitrotoluene	14.31	165	62152	42.38	ng	# 81
51) Acenaphthene	14.80	154	210090	42.58	ng	96
52) 3-Nitroaniline	14.65	138	38620	23.74	ng	# 86
53) 2,4-Dinitrophenol	14.87	184	48032	80.17	ng	# 71
54) Dibenzofuran	15.14	168	321183	41.71	ng	99
55) 4-Nitrophenol	14.97	139	99874	88.96	ng	# 72
56) 2,4-Dinitrotoluene	15.10	165	85115	43.26	ng	# 85
57) Fluorene	15.78	166	271388	40.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	56634	40.67	ng	92
59) Diethylphthalate	15.54	149	287155	39.84	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	121573	40.47	ng	97
61) 4-Nitroaniline	15.81	138	65088	37.73	ng	82
62) Azobenzene	16.06	77	244696	44.83	ng	88
64) 4,6-Dinitro-2-methylphenol	15.87	198	39812	45.20	ng	83
65) n-Nitrosodiphenylamine	15.98	169	227864	45.17	ng	97
66) 4-Bromophenyl-phenylether	16.67	248	68169	41.54	ng	98
67) Hexachlorobenzene	16.79	284	76603	40.05	ng	99
68) Atrazine	16.92	200	75161	40.25	ng	97
69) Pentachlorophenol	17.14	266	74788	85.73	ng	99
70) Phenanthrene	17.53	178	404899	42.57	ng	98
71) Anthracene	17.62	178	397944	42.18	ng	97
72) Carbazole	17.89	167	380395	42.58	ng	98
73) Di-n-butylphthalate	18.42	149	488823	41.85	ng	99
74) Fluoranthene	19.53	202	435083	39.79	ng	97
76) Benzidine	19.71	184	22885	5.59	ng	# 93
77) Pyrene	19.89	202	435397	44.70	ng	99
79) Butylbenzylphthalate	20.75	149	216462	47.92	ng	94
80) Benzo(a)anthracene	21.74	228	376158	42.81	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	49307	19.99	ng	# 98
82) Chrysene	21.81	228	360366	42.15	ng	100
83) Bis(2-ethylhexyl)phthalate	21.61	149	314139	47.29	ng	96
84) Di-n-octyl phthalate	22.84	149	521482	47.28	ng	# 88
85) Indeno(1,2,3-cd)pyrene	28.83	276	391591	40.83	ng	97
87) Benzo(b)fluoranthene	24.00	252	362930	43.32	ng	# 96
88) Benzo(k)fluoranthene	24.07	252	349335	42.36	ng	# 97
89) Benzo(a)pyrene	24.90	252	346033	43.20	ng	# 96
90) Dibenzo(a,h)anthracene	28.88	278	323941	42.94	ng	# 96
91) Benzo(g,h,i)perylene	30.01	276	325715	41.50	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

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

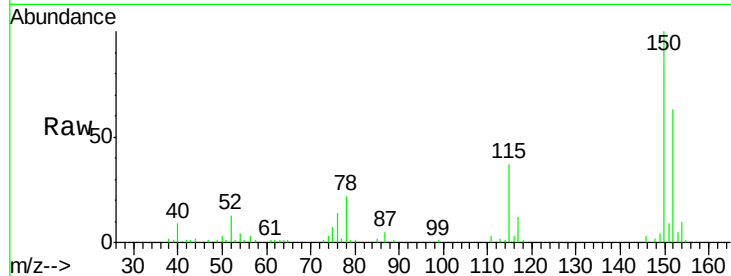
Tgt Ion:152 Resp: 29242

Ion Ratio Lower Upper

152 100

150 159.0 130.1 195.1

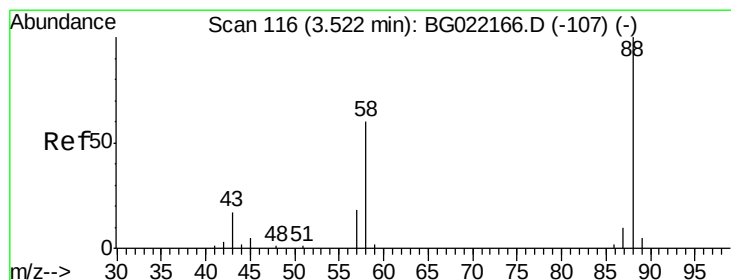
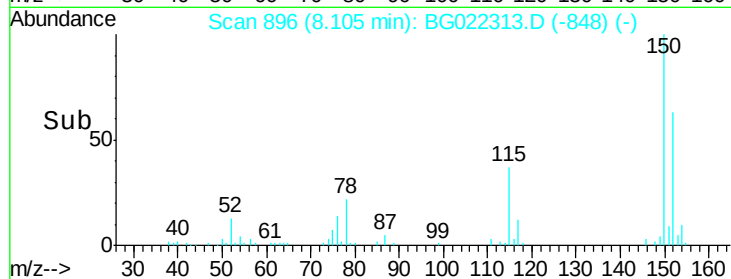
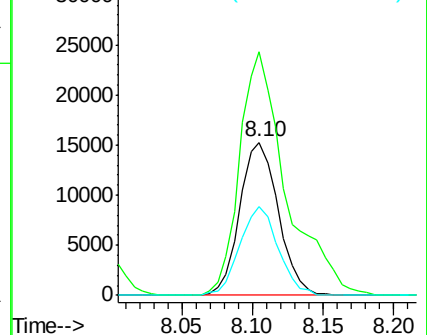
115 58.4 62.2 93.2#



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: 32.54 ng

RT: 3.49 min Scan# 111

Delta R.T. -0.03 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

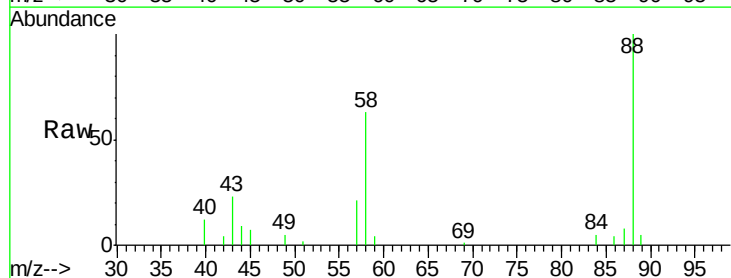
Tgt Ion: 88 Resp: 23598

Ion Ratio Lower Upper

88 100

58 65.3 36.8 55.2#

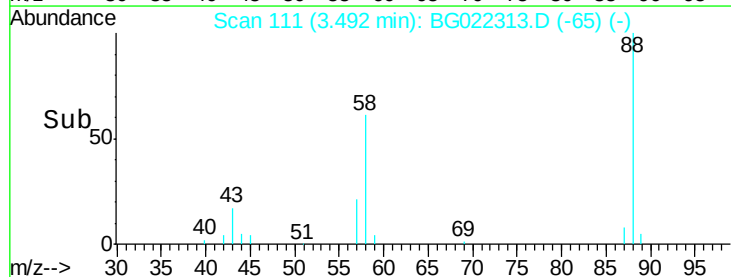
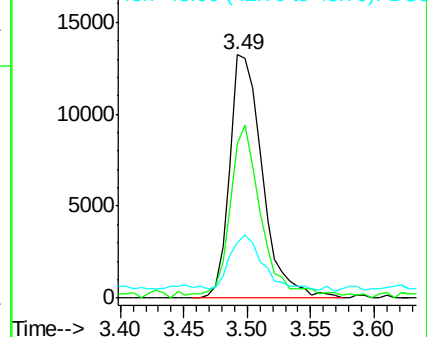
43 23.0 10.4 15.6#

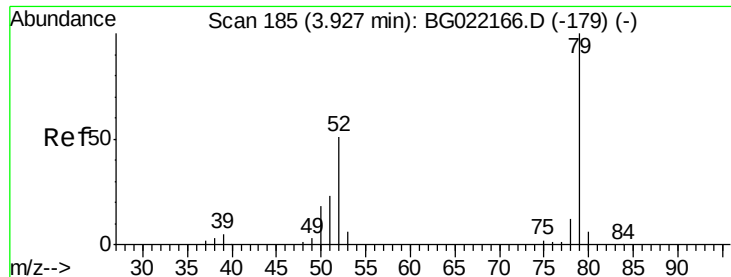


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 18.86 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

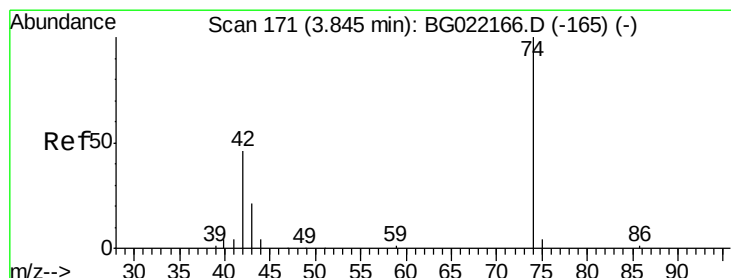
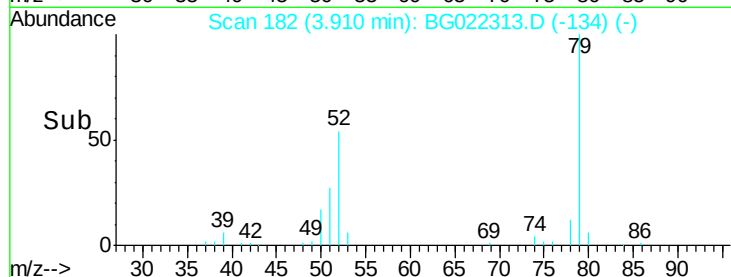
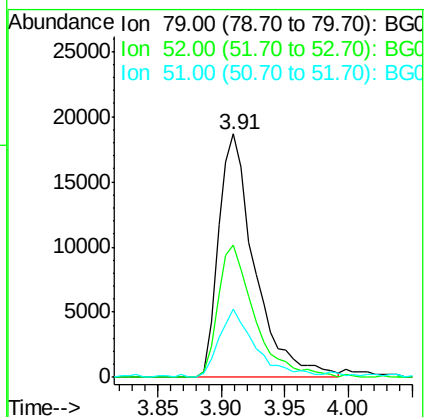
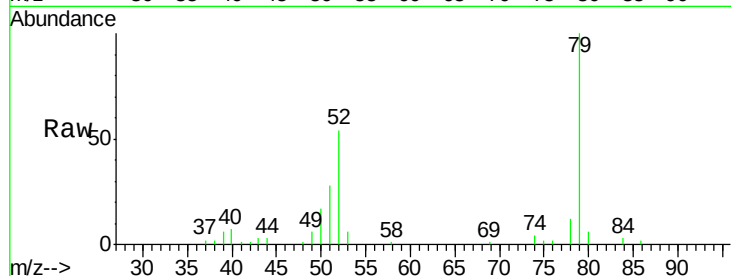
Tgt Ion: 79 Resp: 36954

Ion Ratio Lower Upper

79 100

52 54.1 41.6 62.4

51 28.1 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 48.59 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

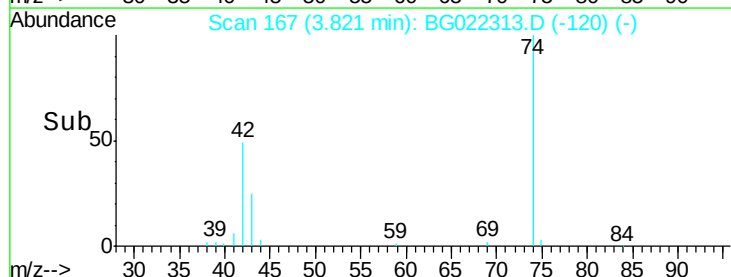
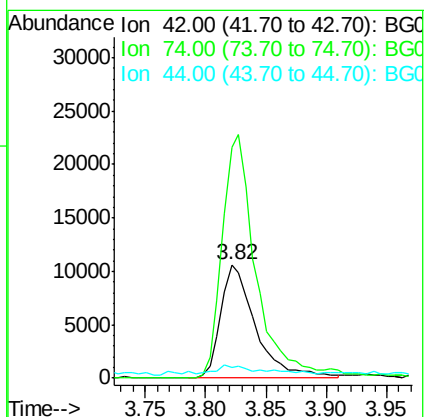
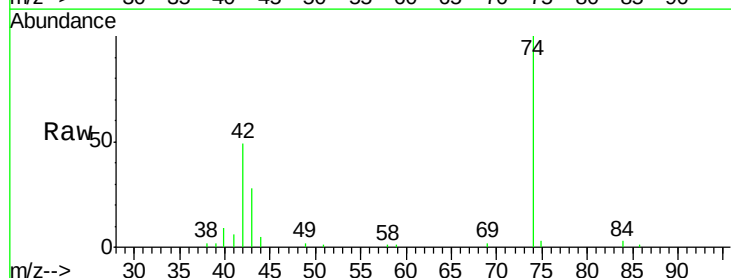
Tgt Ion: 42 Resp: 21291

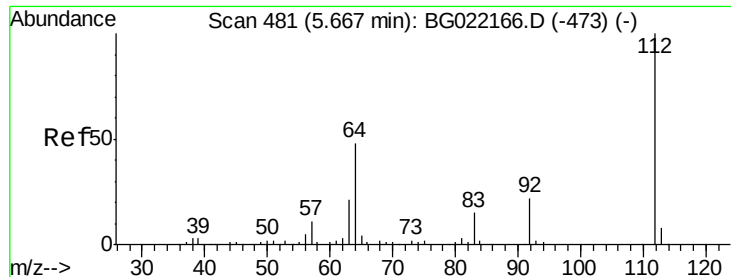
Ion Ratio Lower Upper

42 100

74 203.9 184.0 276.0

44 9.5 11.0 16.6#





#5

2-Fluorophenol

Concen: 155.49 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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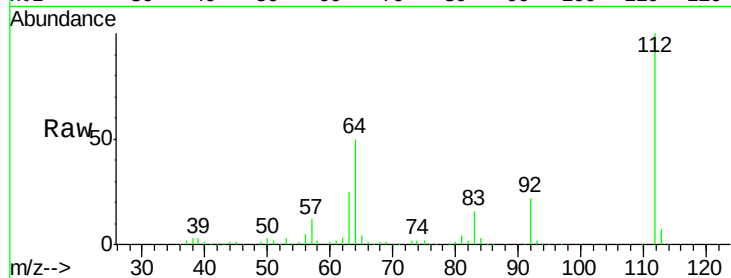
Tgt Ion: 112 Resp: 235169

Ion Ratio Lower Upper

112 100

64 49.9 51.1 76.7#

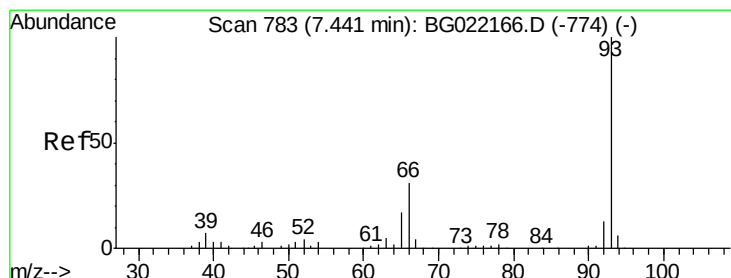
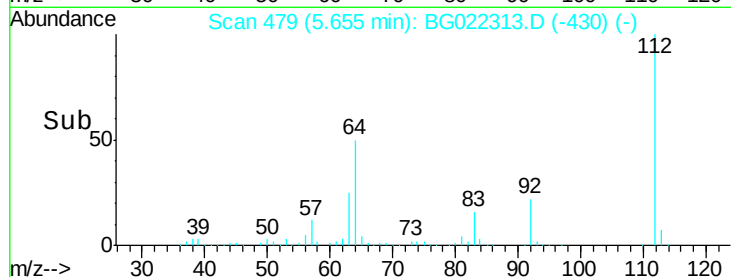
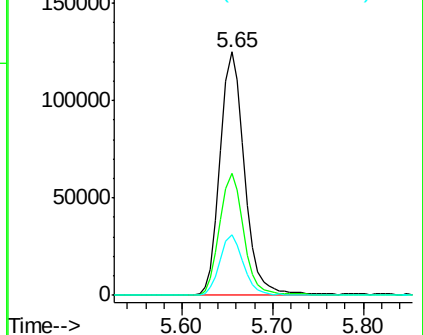
63 24.6 24.6 37.0#



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: 21.25 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

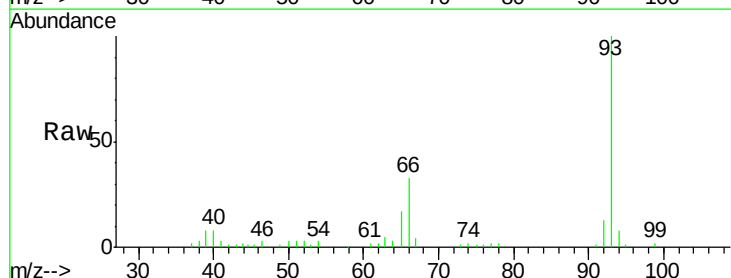
Tgt Ion: 93 Resp: 64204

Ion Ratio Lower Upper

93 100

66 33.3 36.3 54.5#

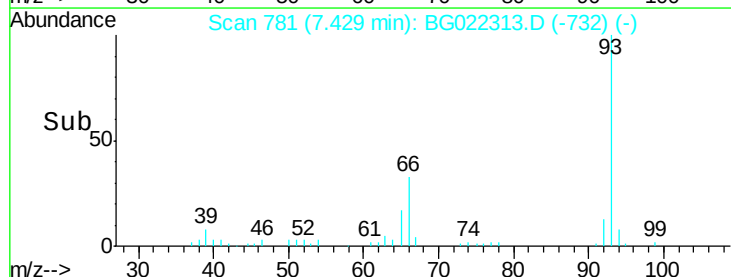
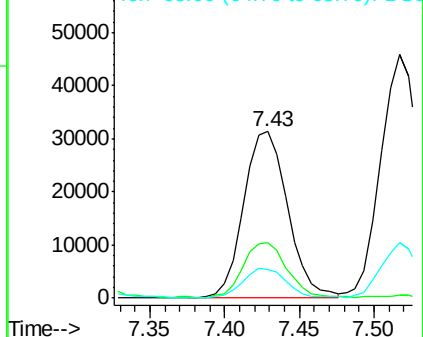
65 17.2 18.4 27.6#

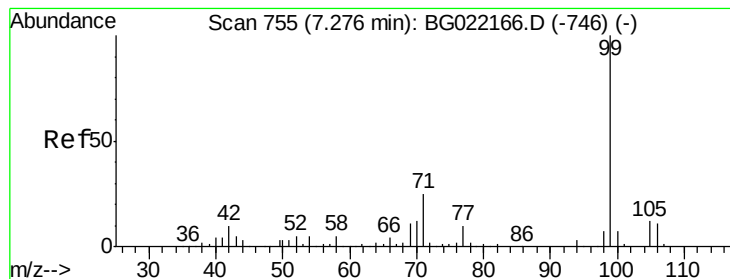


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.06 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

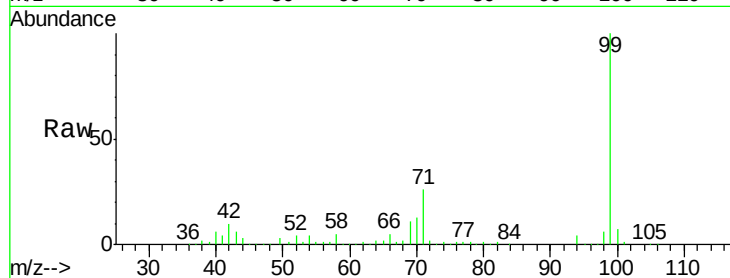
Instrument :

BNA_G

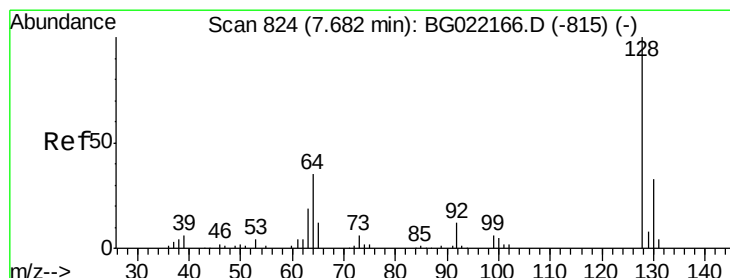
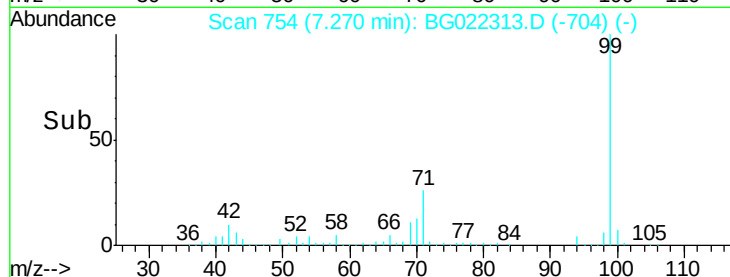
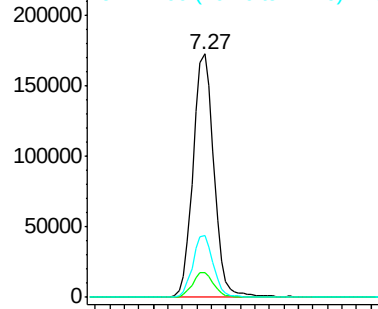
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Tgt Ion:	99	Resp:	347313
Ion	Ratio	Lower	Upper
99	100		
42	10.3	16.4	24.6#
71	25.6	25.0	37.4



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: 46.16 ng

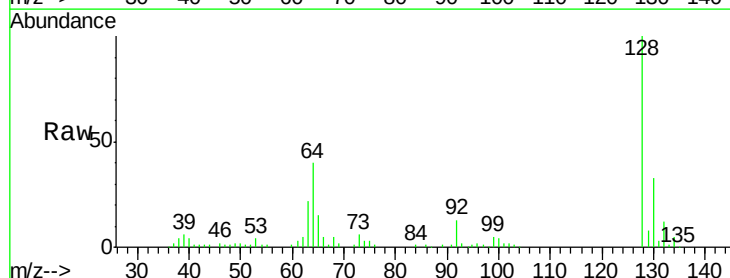
RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

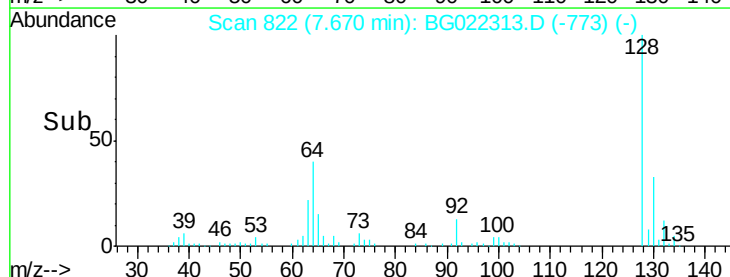
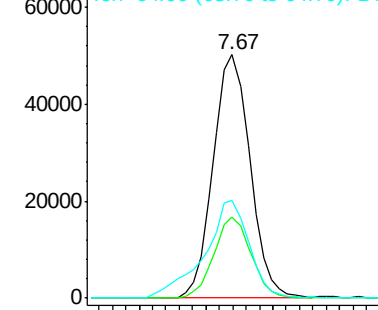
Lab File: BG022313.D

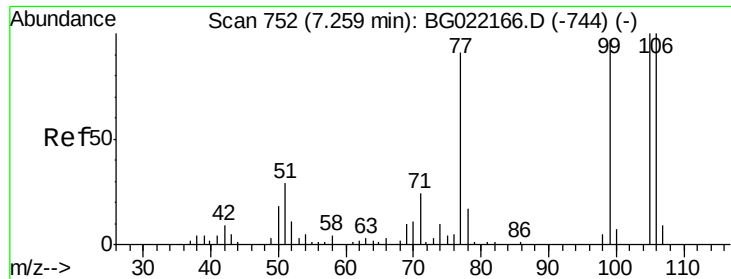
Acq: 11 Jun 2016 8:36

Tgt Ion:	128	Resp:	96501
Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.2	51.2
64	40.1	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: 4.11 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

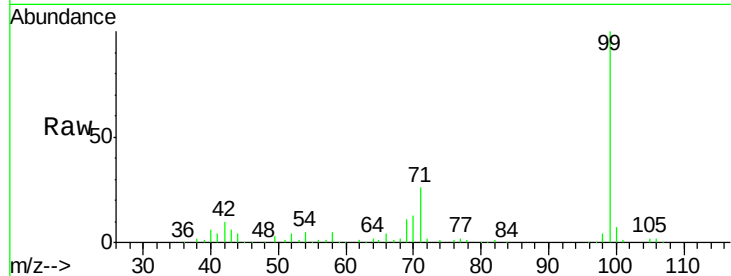
Tgt Ion: 77 Resp: 5382

Ion Ratio Lower Upper

77 100

105 96.5 62.1 102.1

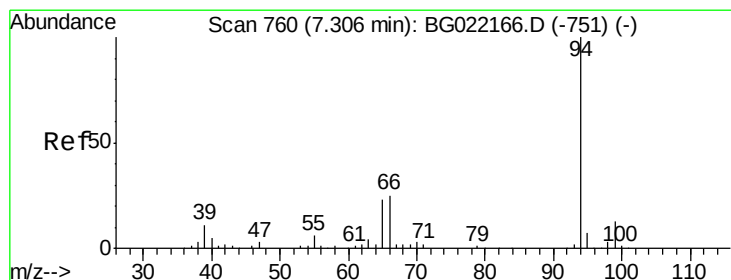
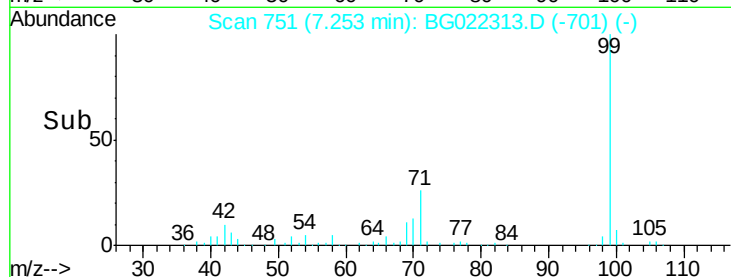
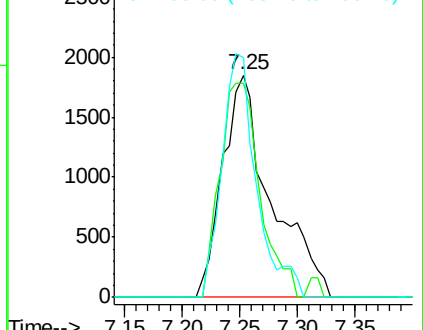
106 107.8 65.6 105.6#



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: 50.14 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

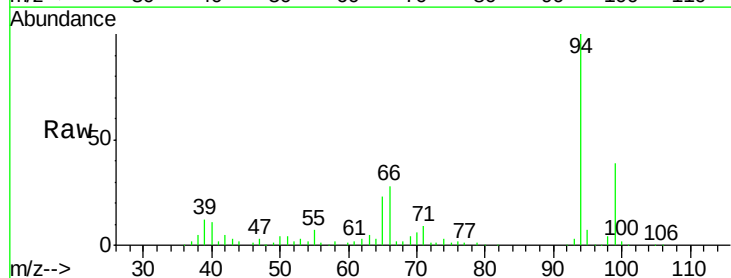
Tgt Ion: 94 Resp: 122928

Ion Ratio Lower Upper

94 100

65 22.7 9.8 49.8

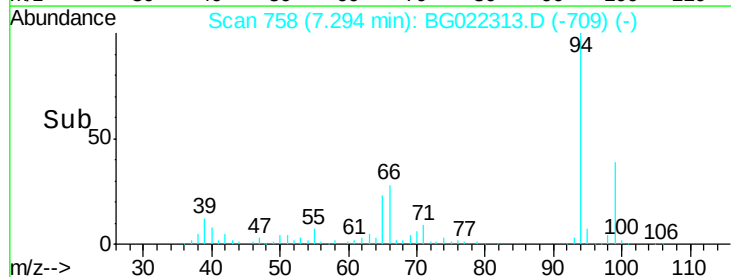
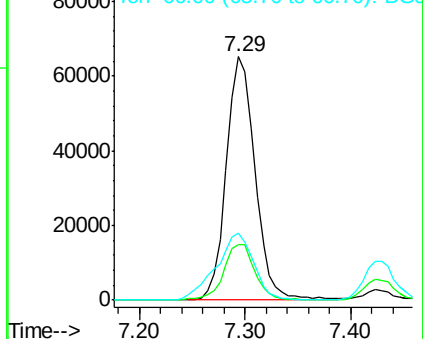
66 27.7 20.8 60.8

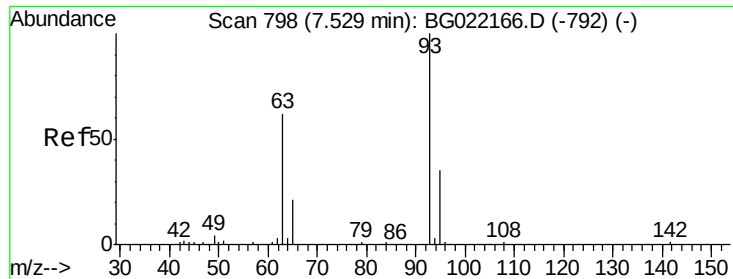


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.53 ng

RT: 7.52 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

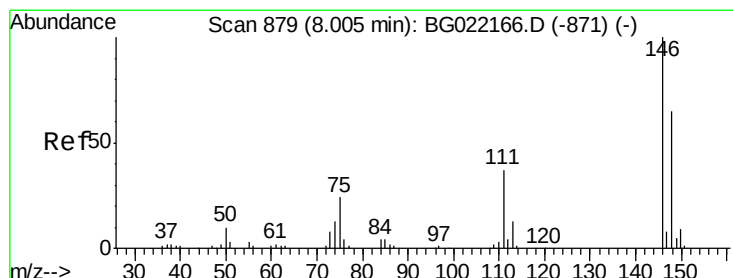
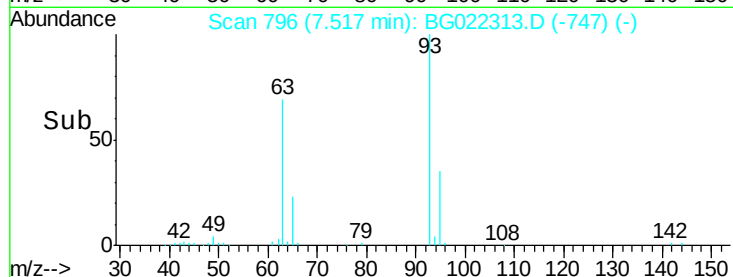
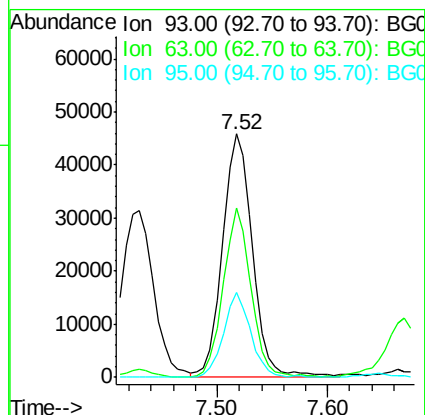
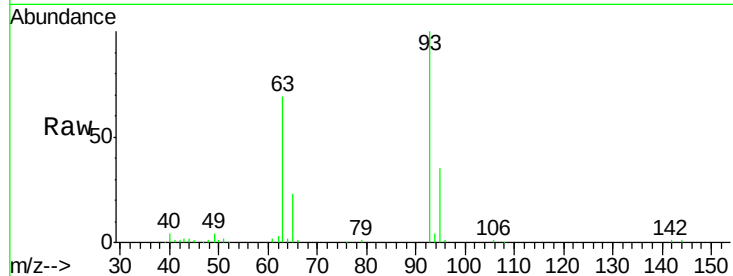
Tgt Ion: 93 Resp: 87049

Ion Ratio Lower Upper

93 100

63 69.5 74.9 114.9#

95 35.0 8.3 48.3



#12

1,3-Dichlorobenzene

Concen: 40.92 ng

RT: 7.99 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

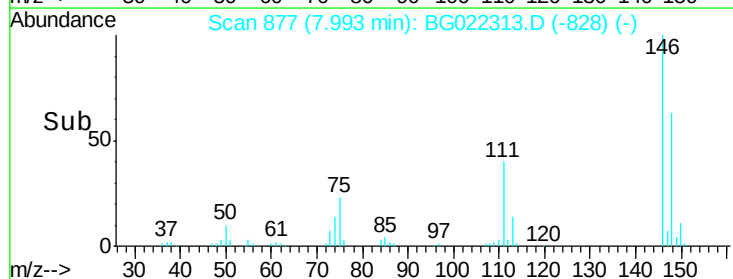
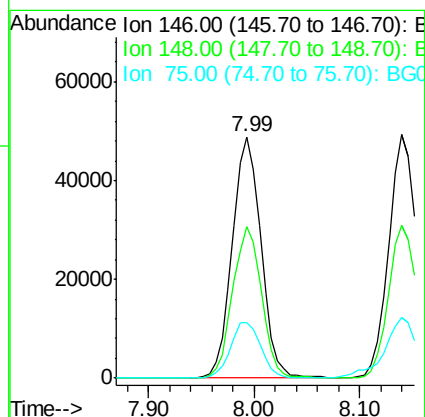
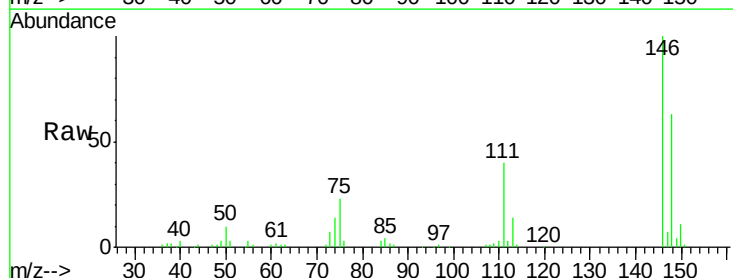
Tgt Ion: 146 Resp: 91682

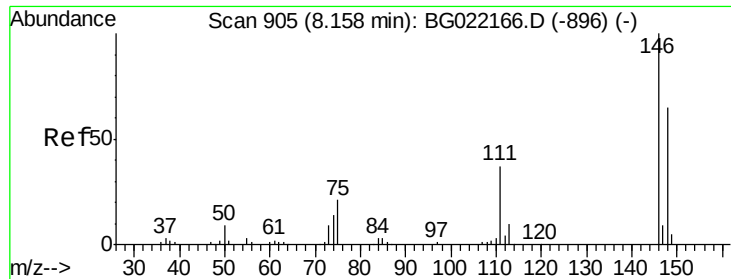
Ion Ratio Lower Upper

146 100

148 62.8 53.7 80.5

75 23.1 27.4 41.0#

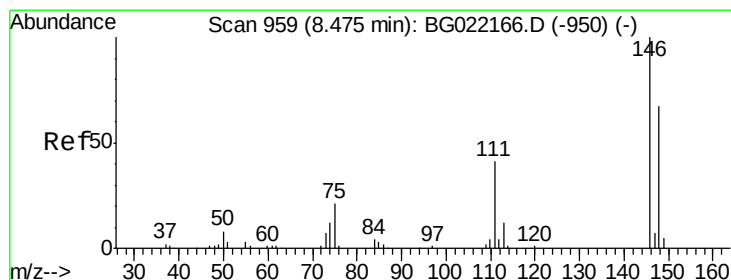
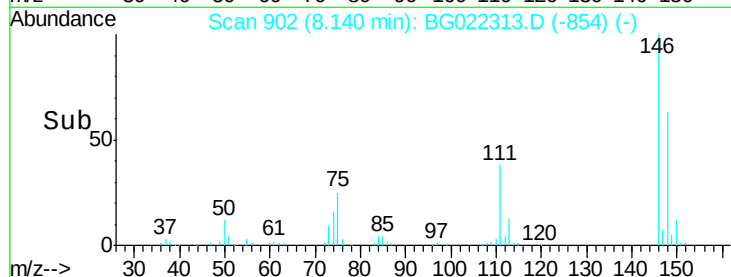
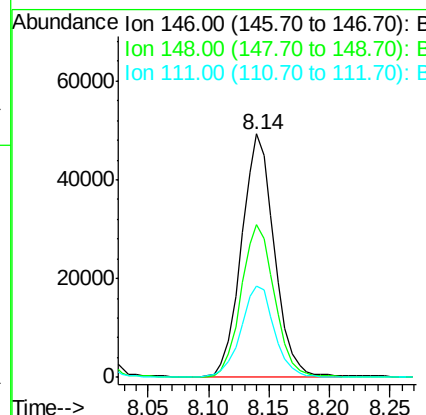
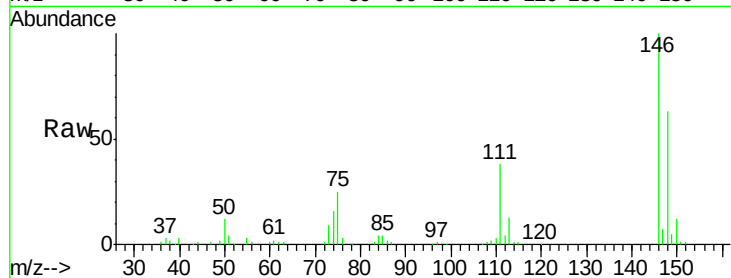




#13
 1,4-Dichlorobenzene
 Concen: 41.88 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

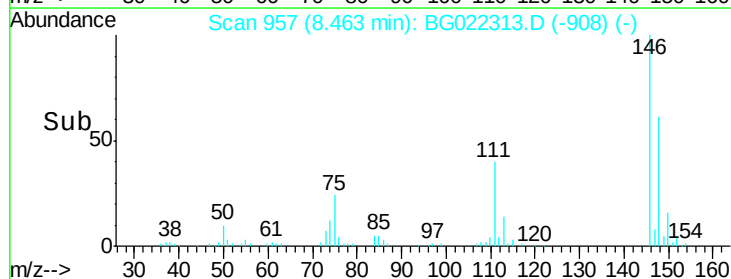
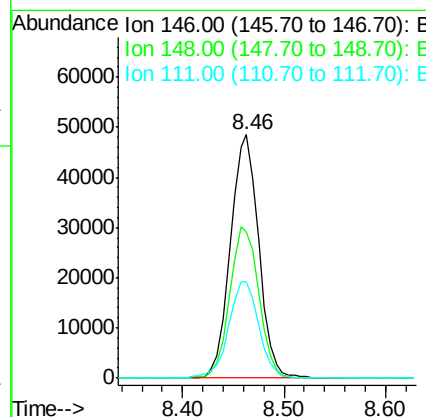
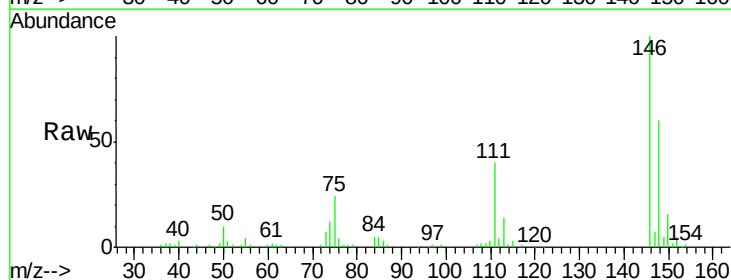
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

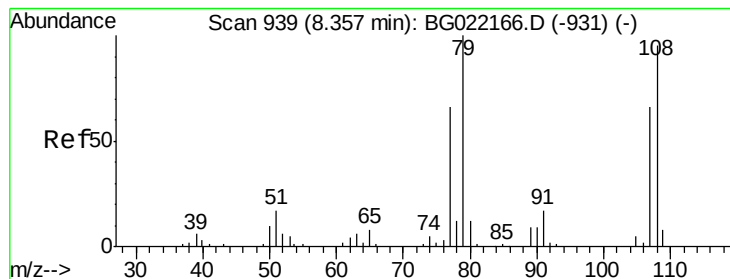
Tgt Ion:146 Resp: 93491
 Ion Ratio Lower Upper
 146 100
 148 62.5 46.7 70.1
 111 37.7 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 41.52 ng
 RT: 8.46 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion:146 Resp: 93447
 Ion Ratio Lower Upper
 146 100
 148 60.4 52.6 79.0
 111 39.6 36.1 54.1





#15

Benzyl Alcohol

Concen: 44.25 ng

RT: 8.35 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

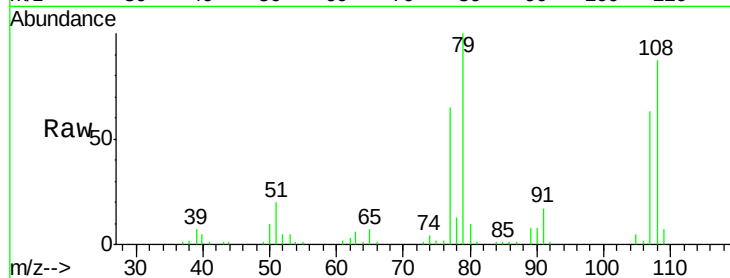
Tgt Ion: 79 Resp: 67982

Ion Ratio Lower Upper

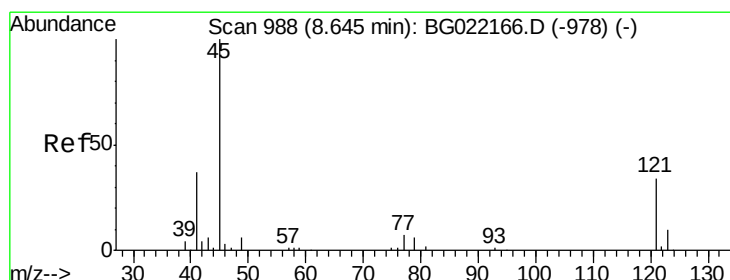
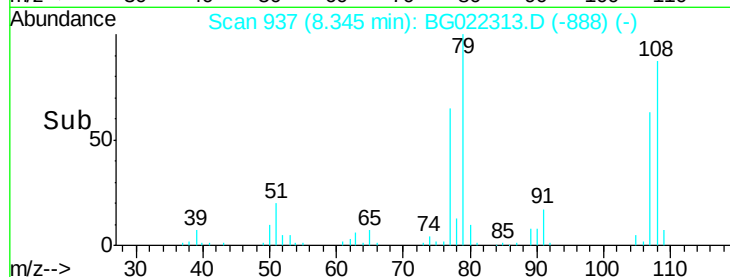
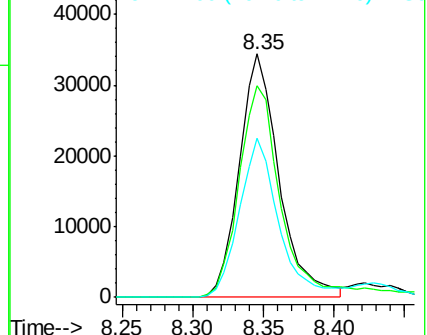
79 100

108 86.8 59.4 89.0

77 65.1 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.81 ng

RT: 8.63 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

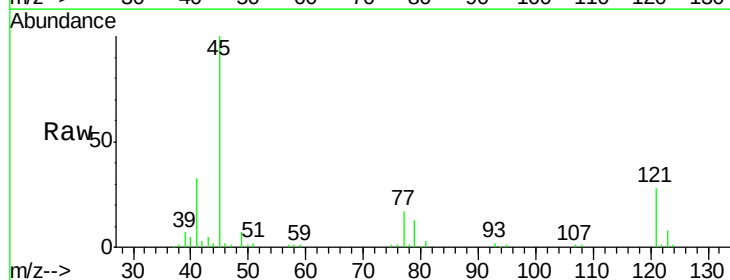
Tgt Ion: 45 Resp: 92905

Ion Ratio Lower Upper

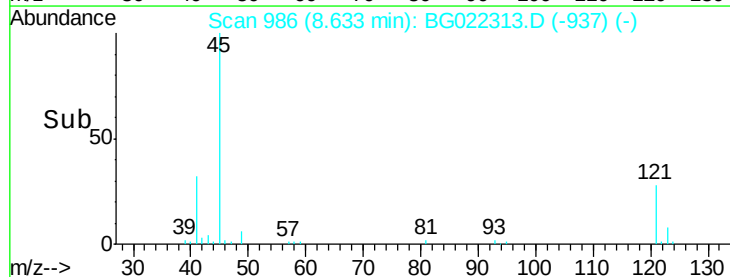
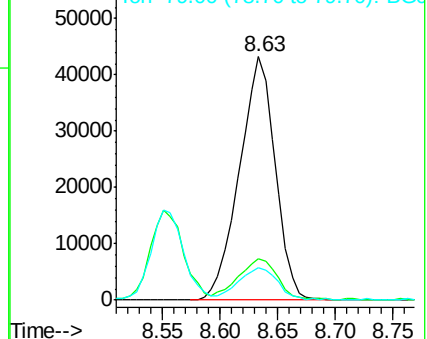
45 100

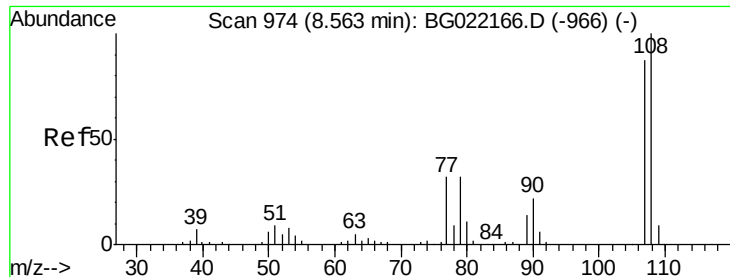
77 17.2 0.0 31.2

79 13.5 0.0 29.0



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

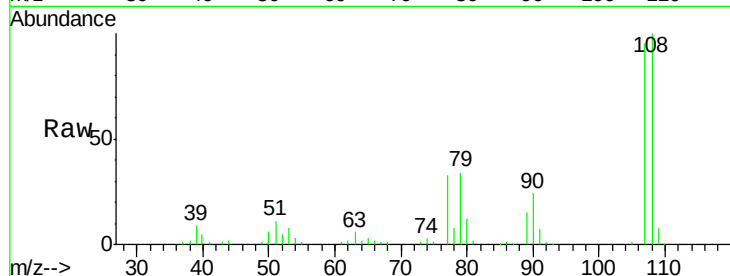




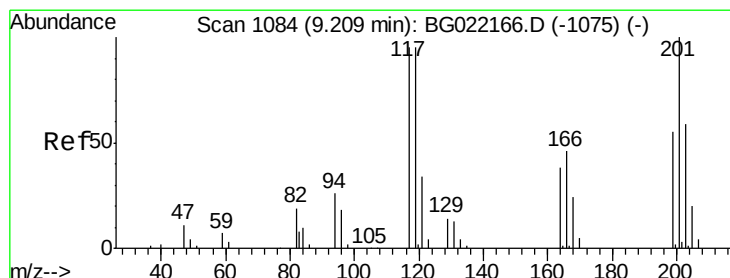
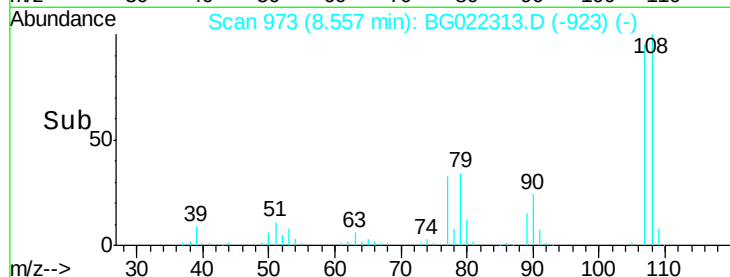
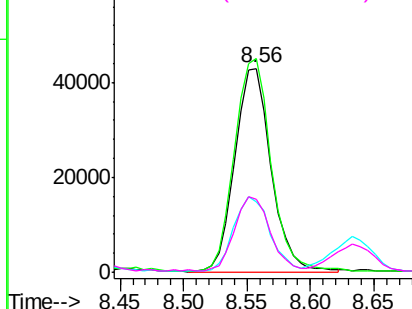
#17
2-Methylphenol
Concen: 46.84 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

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

Tgt Ion:107 Resp: 85701
Ion Ratio Lower Upper
107 100
108 104.7 80.2 120.4
77 34.4 40.7 61.1#
79 35.9 39.8 59.8#

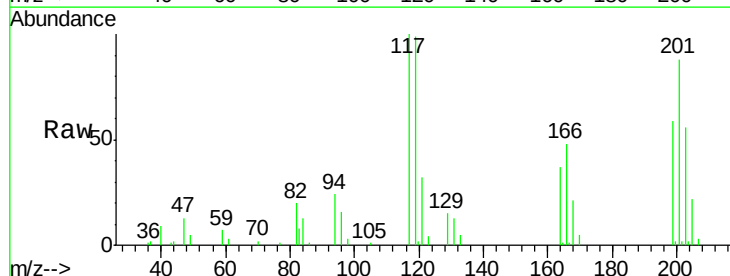


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

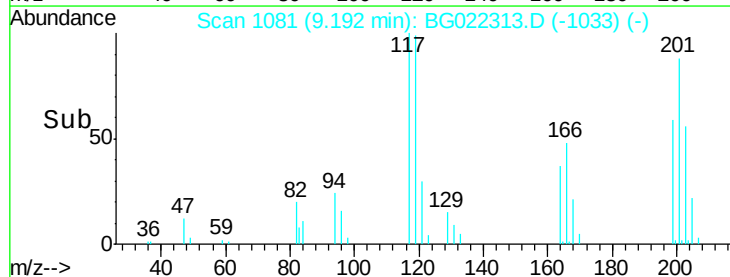
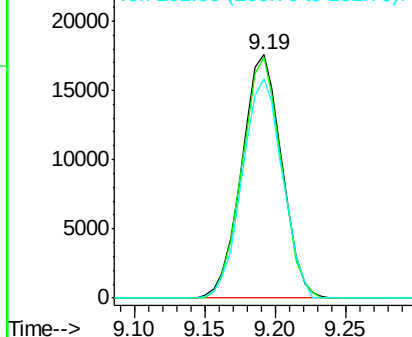


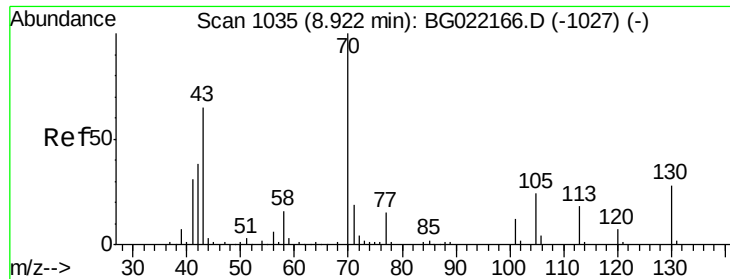
#18
Hexachloroethane
Concen: 42.92 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.02 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:117 Resp: 34986
Ion Ratio Lower Upper
117 100
119 99.2 63.9 95.9#
201 90.2 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

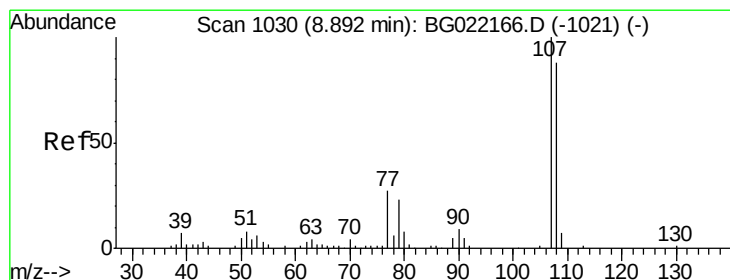
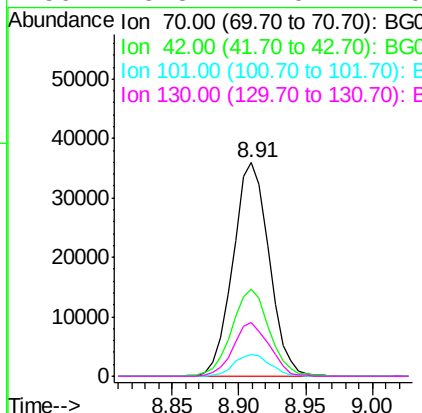
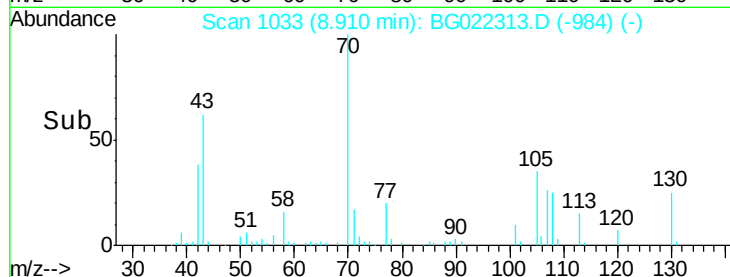
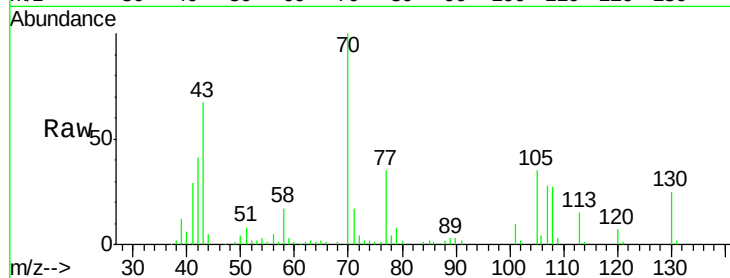




#19
n-Nitroso-di-n-propylamine
Concen: 41.90 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

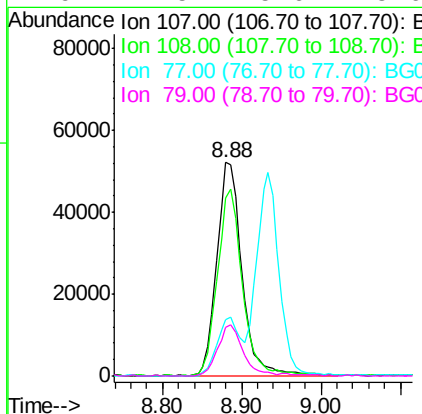
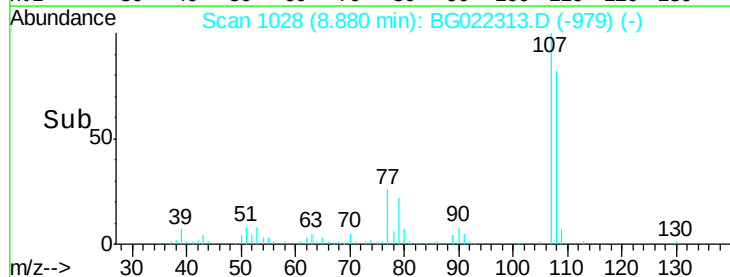
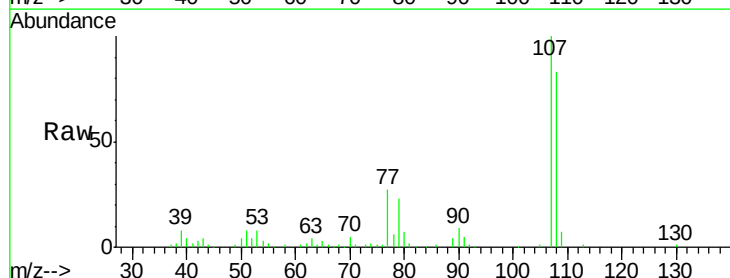
Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

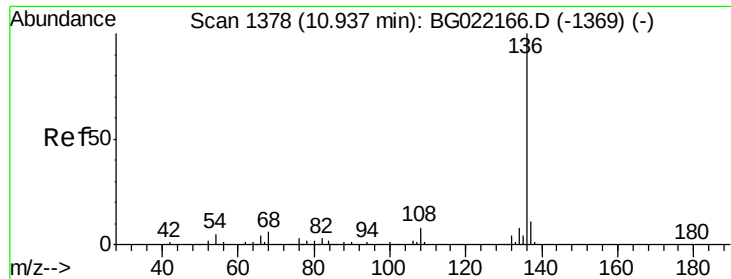
Tgt Ion: 70 Resp: 67448
Ion Ratio Lower Upper
70 100
42 40.5 56.7 85.1#
101 10.0 8.2 12.4
130 25.3 14.0 21.0#



#20
3+4-Methylphenols
Concen: 43.95 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion: 107 Resp: 115339
Ion Ratio Lower Upper
107 100
108 83.1 66.2 106.2
77 26.6 11.5 51.5
79 22.5 5.6 45.6

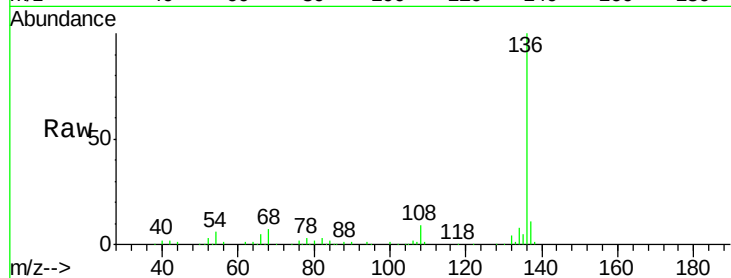




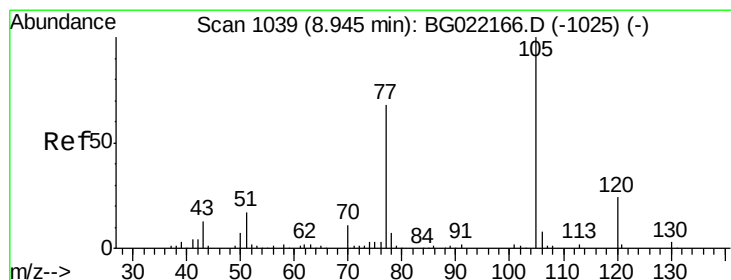
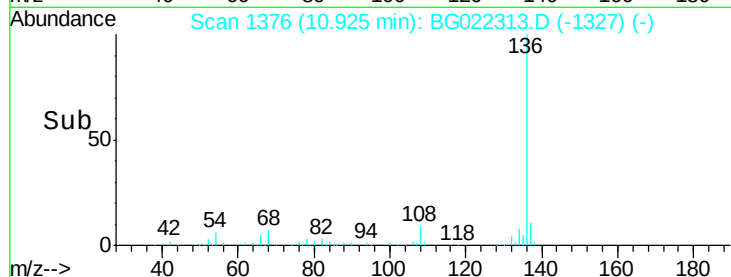
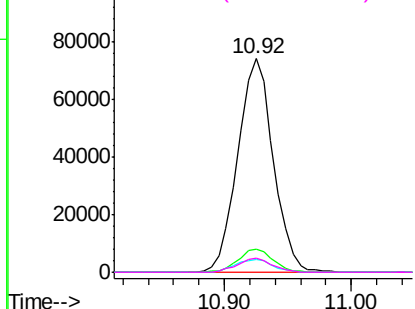
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

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

Tgt Ion:	136	Resp:	144292
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.8	9.6	14.4#
68	6.5	6.4	9.6

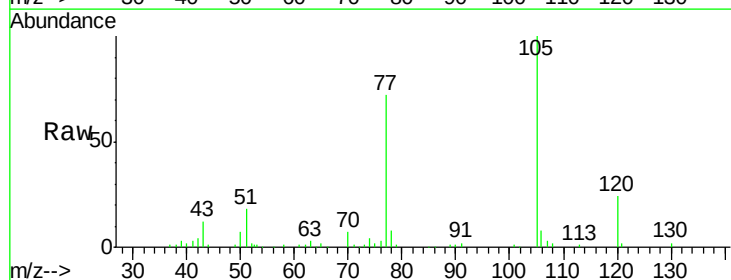


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

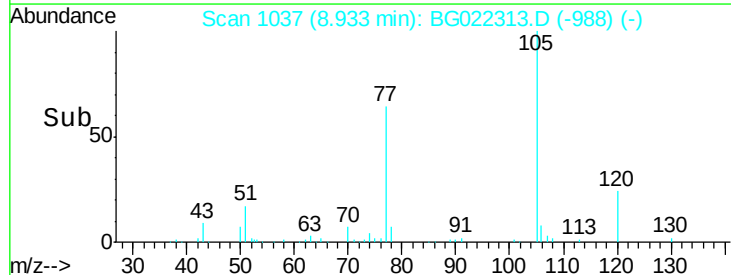
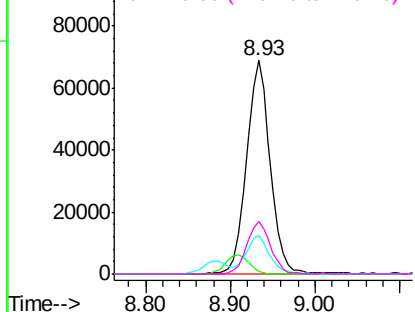


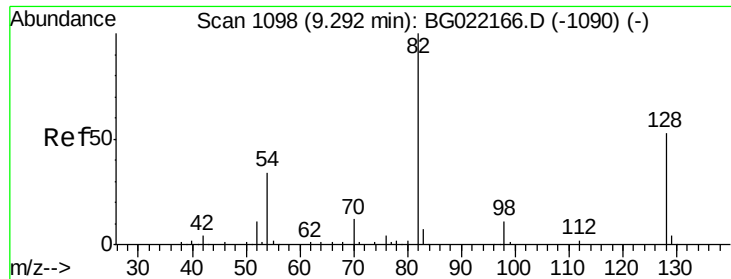
#22
Acetophenone
Concen: 43.02 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:	105	Resp:	133772
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.0	0.0#
51	18.1	25.7	38.5#
120	24.5	17.0	25.6



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

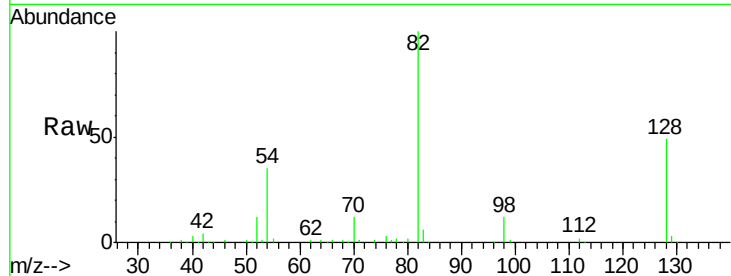




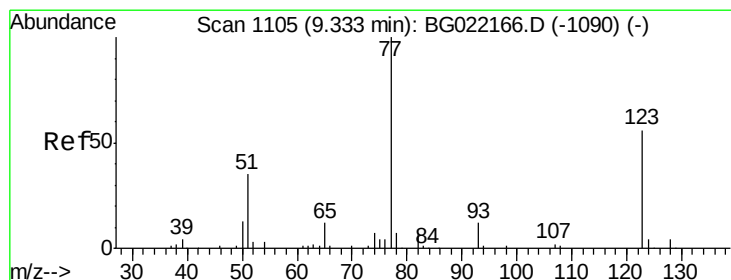
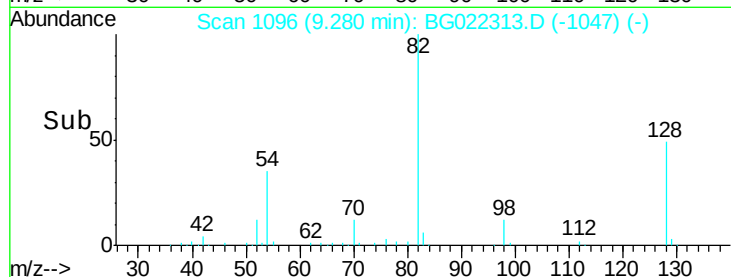
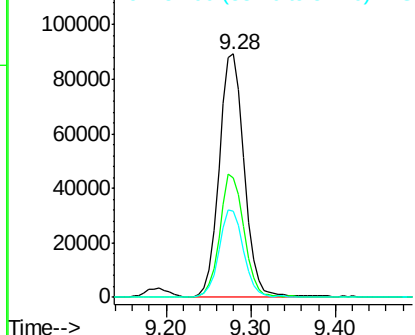
#23
 Nitrobenzene-d5
 Concen: 88.74 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	33.4	50.0
54	35.4	46.1	69.1#

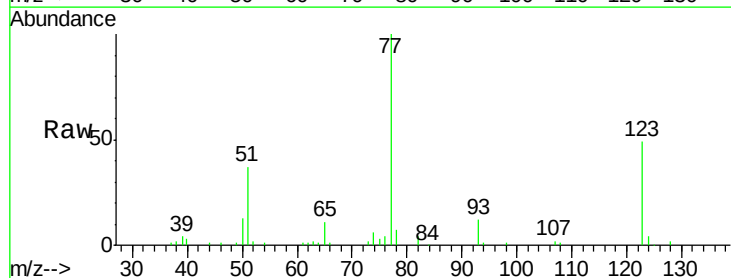


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

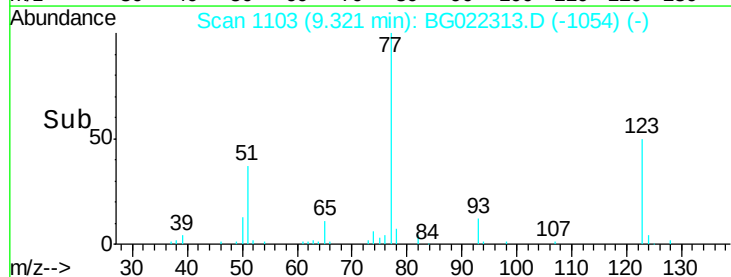
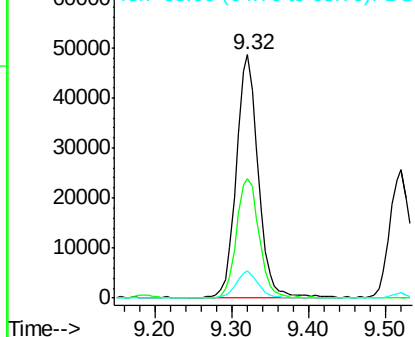


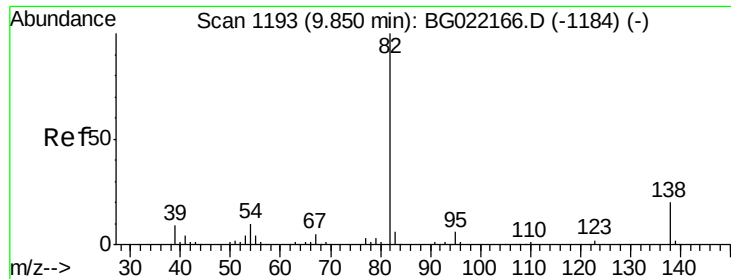
#24
 Nitrobenzene
 Concen: 46.88 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	32.2	48.4#
65	11.3	10.3	15.5



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





#25

Isophorone

Concen: 40.23 ng

RT: 9.84 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

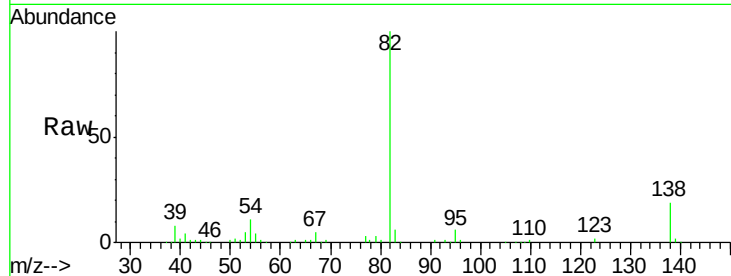
Tgt Ion: 82 Resp: 194780

Ion Ratio Lower Upper

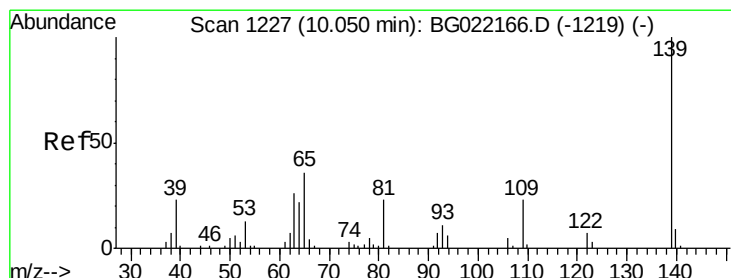
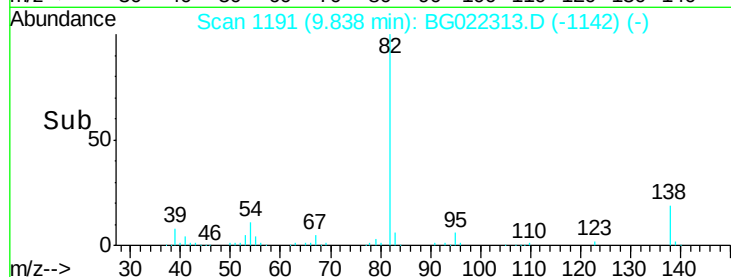
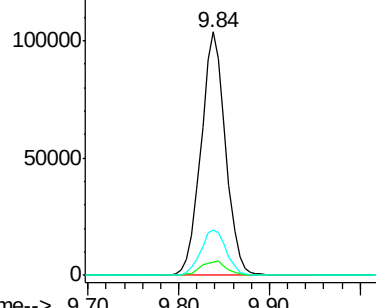
82 100

95 5.6 6.0 9.0#

138 18.6 13.4 20.0



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



#26

2-Nitrophenol

Concen: 46.96 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

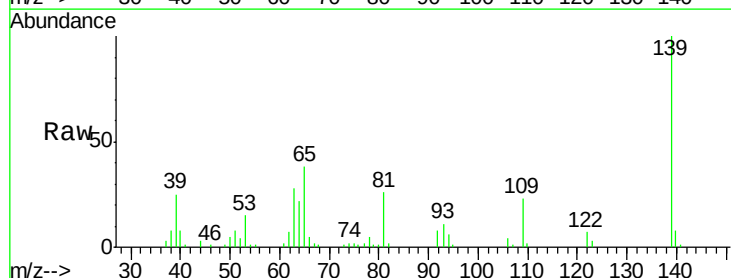
Tgt Ion: 139 Resp: 52996

Ion Ratio Lower Upper

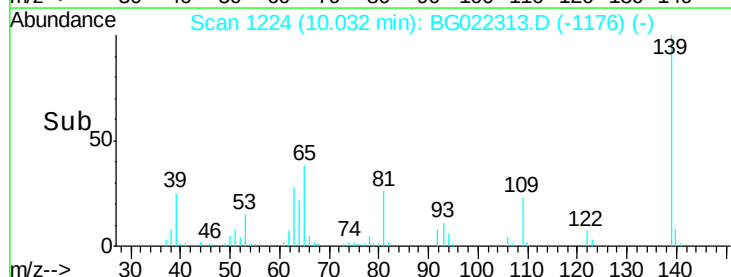
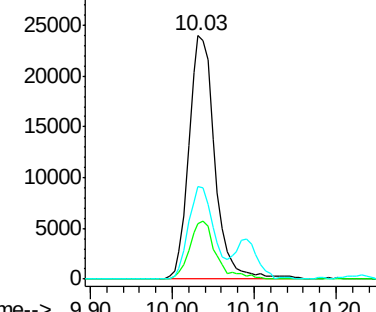
139 100

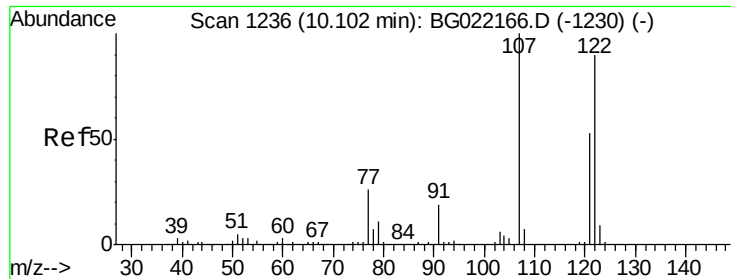
109 22.8 26.6 40.0#

65 38.1 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

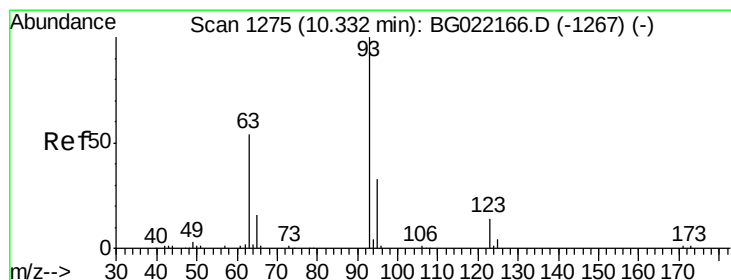
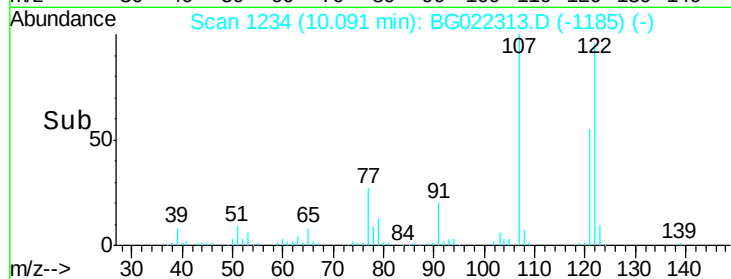
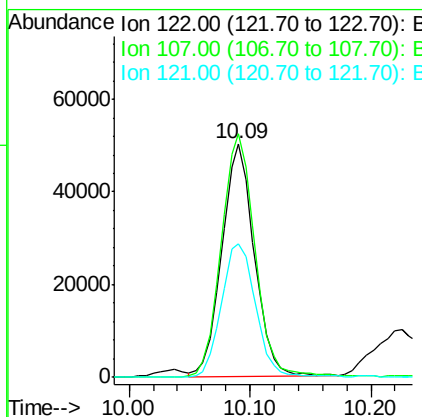
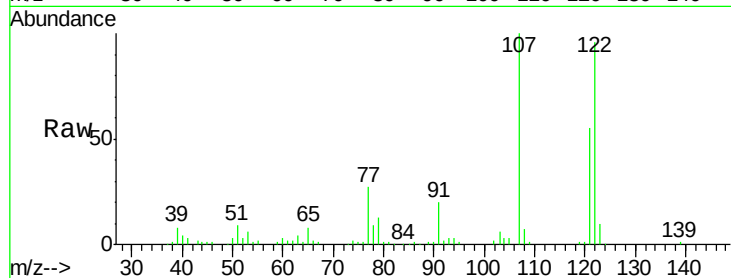




#27
 2,4-Dimethylphenol
 Concen: 45.88 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

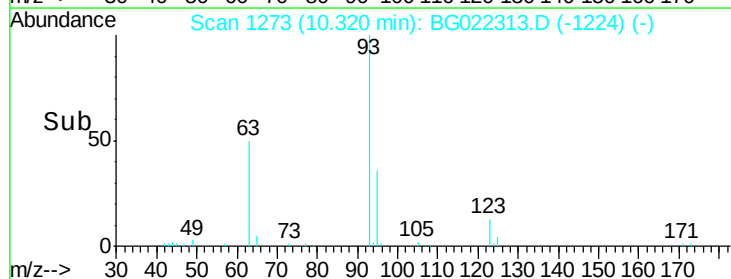
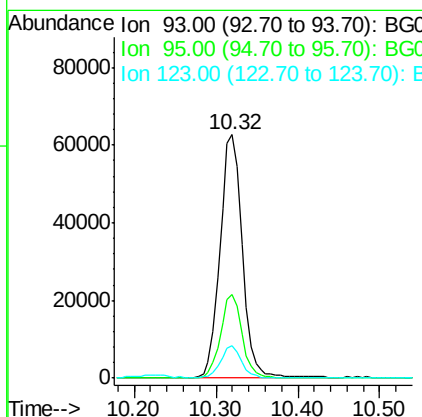
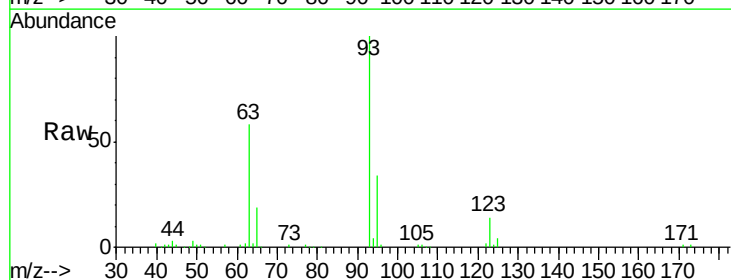
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

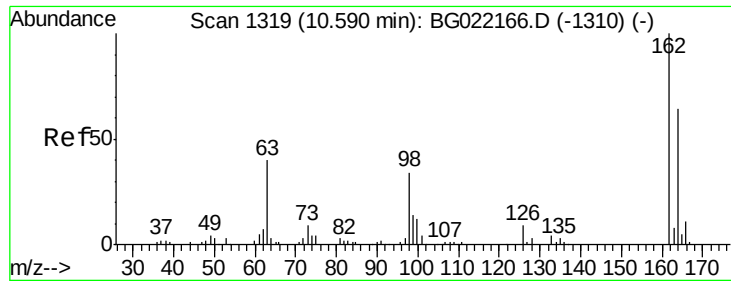
Tgt Ion: 122 Resp: 93725
 Ion Ratio Lower Upper
 122 100
 107 104.2 97.2 145.8
 121 57.3 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.10 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion: 93 Resp: 119563
 Ion Ratio Lower Upper
 93 100
 95 34.4 30.1 45.1
 123 13.6 10.2 15.4

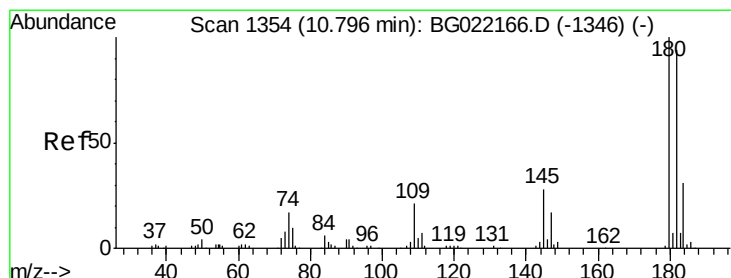
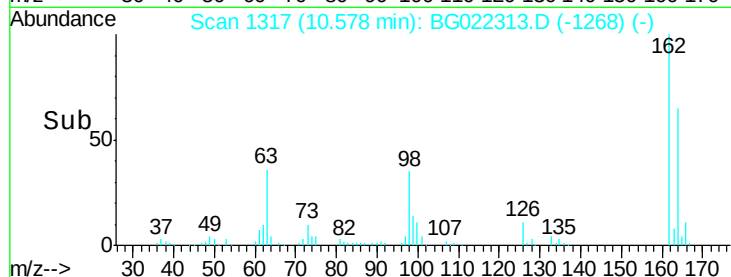
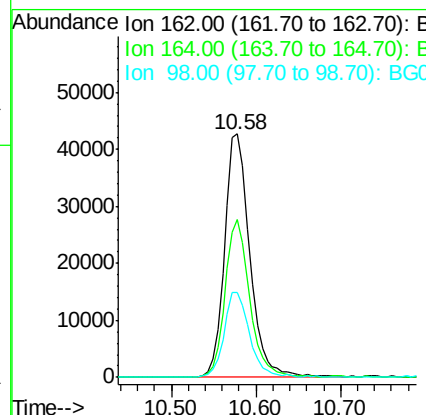
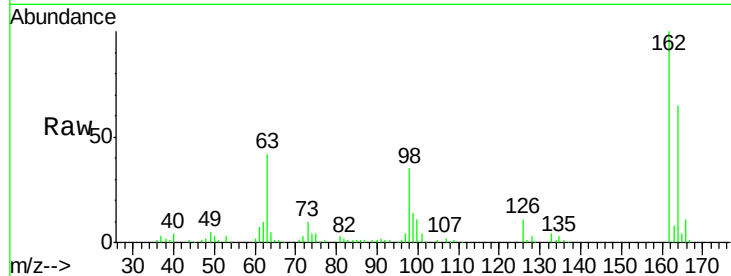




#29
 2,4-Dichlorophenol
 Concen: 46.79 ng
 RT: 10.58 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

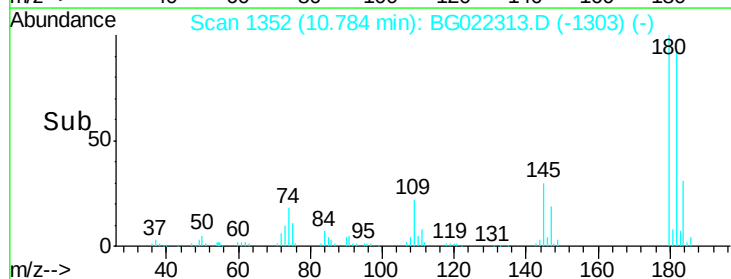
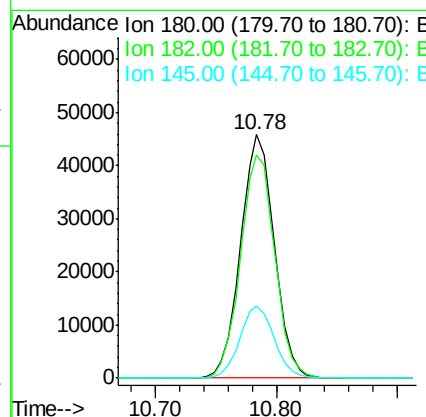
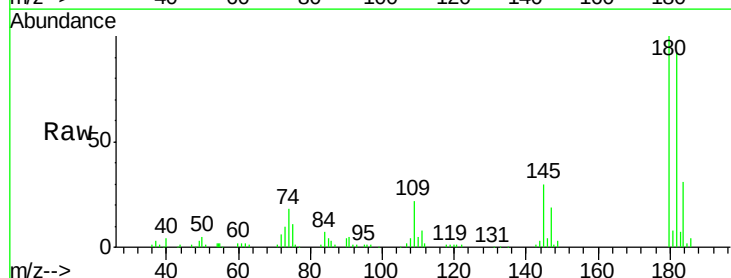
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

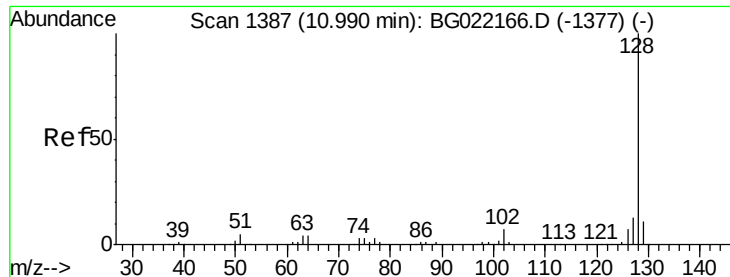
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	88535		
164	64.9		44.9	84.9
98	34.9		19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.16 ng
 RT: 10.78 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89155		
182	91.9		82.3	123.5
145	29.7		24.4	36.6

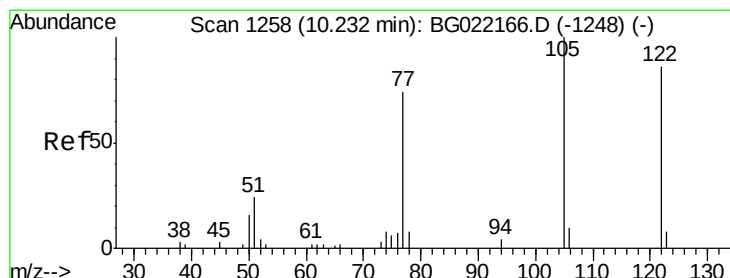
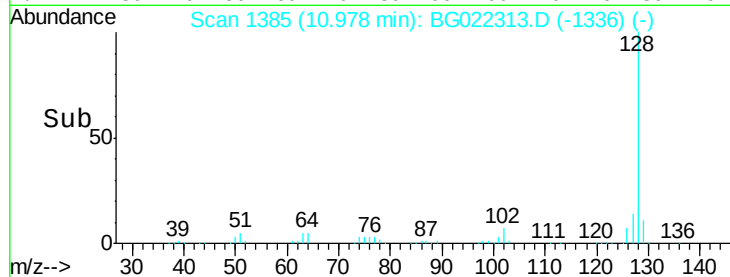
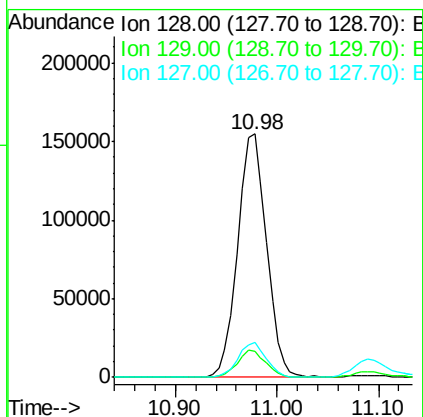
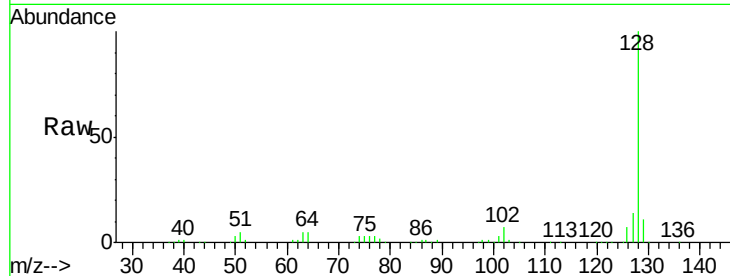




#31
Naphthalene
Concen: 42.63 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

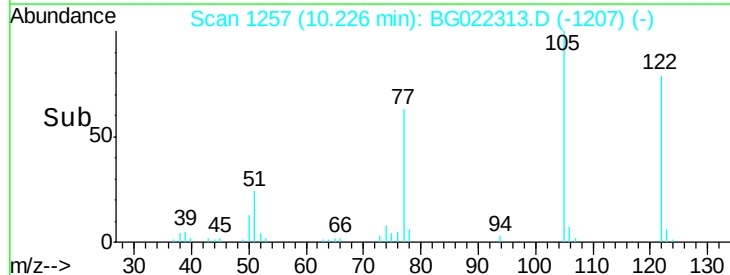
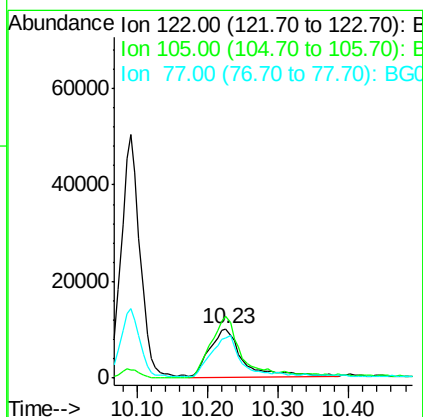
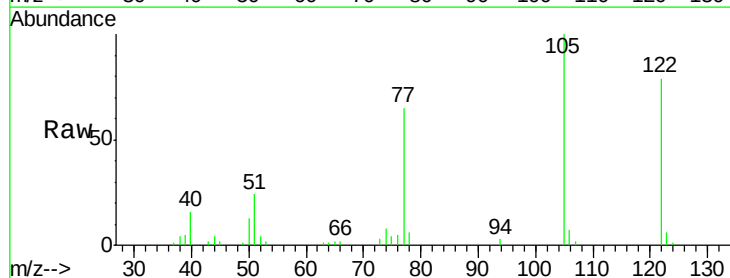
Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

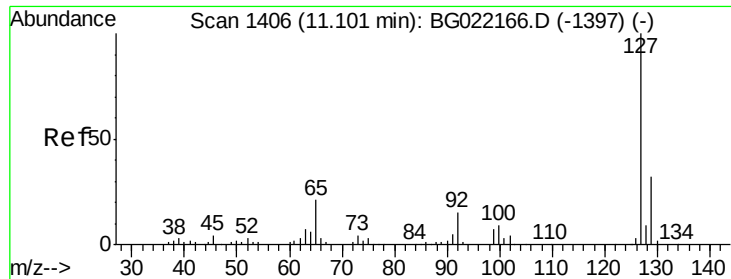
Tgt Ion:128 Resp: 307023
Ion Ratio Lower Upper
128 100
129 10.7 7.0 10.6#
127 14.5 10.1 15.1



#32
Benzoic acid
Concen: 47.65 ng
RT: 10.23 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:122 Resp: 33321
Ion Ratio Lower Upper
122 100
105 126.1 104.5 144.5
77 81.7 79.9 119.9

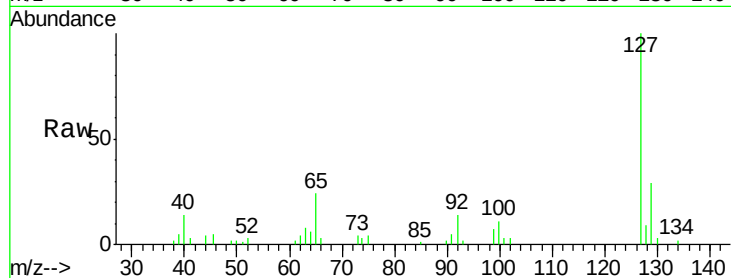




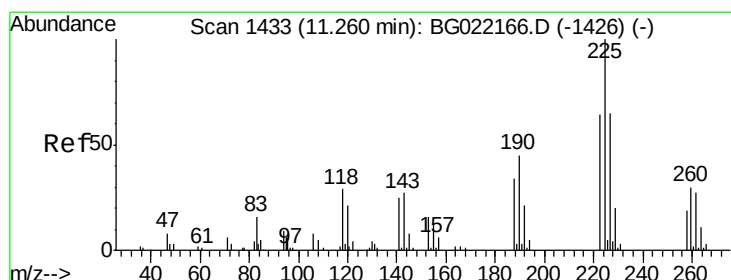
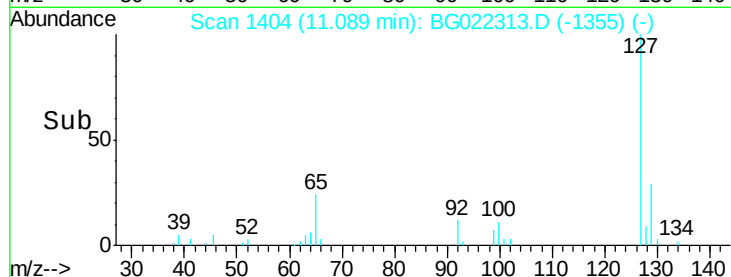
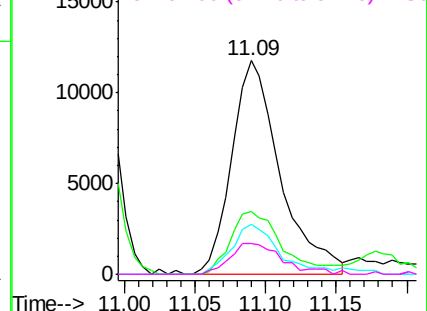
#33
4-Chloroaniline
Concen: 9.43 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

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

Tgt Ion:	127	Resp:	28247
Ion	Ratio	Lower	Upper
127	100		
129	29.4	26.6	39.8
65	23.6	27.5	41.3#
92	14.2	14.7	22.1#

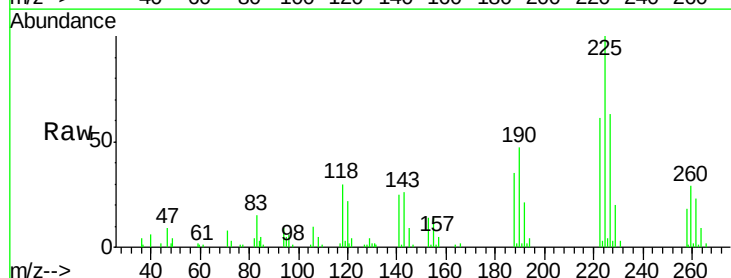


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

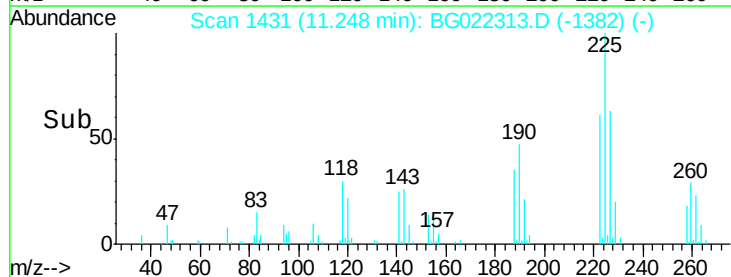
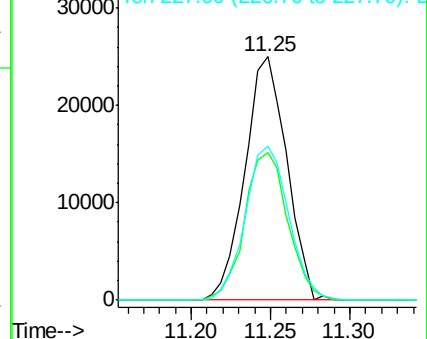


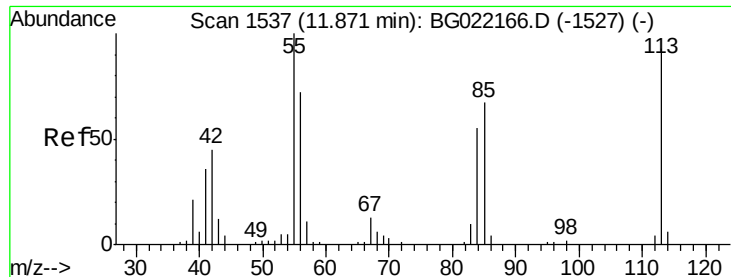
#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:	225	Resp:	45784
Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.7	79.1
227	63.3	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: 18.05 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

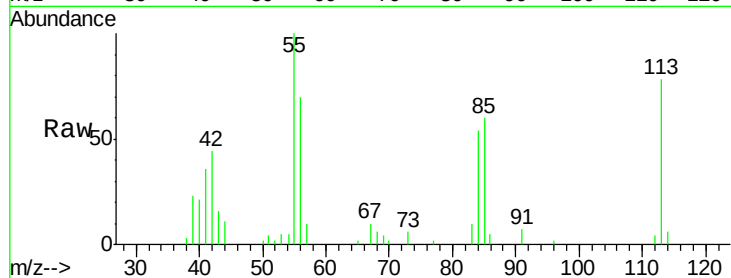
Tgt Ion:113 Resp: 18742

Ion Ratio Lower Upper

113 100

55 128.5 194.2 234.2#

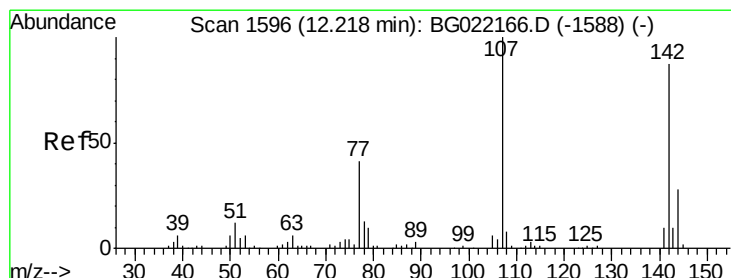
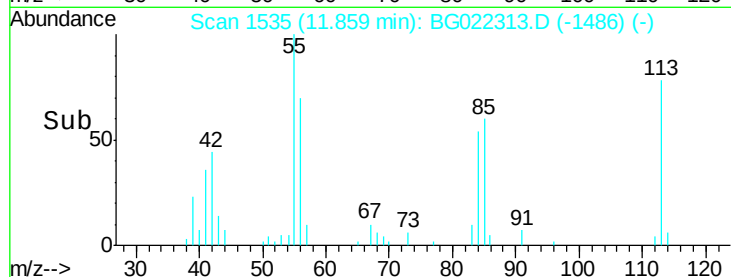
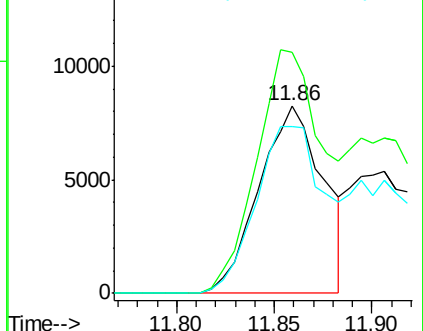
56 89.3 122.6 162.6#



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: 44.91 ng

RT: 12.21 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

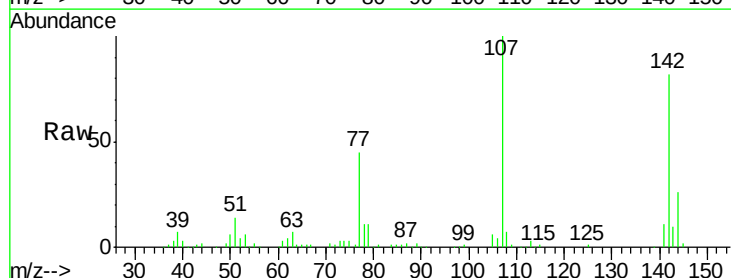
Tgt Ion:107 Resp: 100738

Ion Ratio Lower Upper

107 100

144 25.6 19.2 28.8

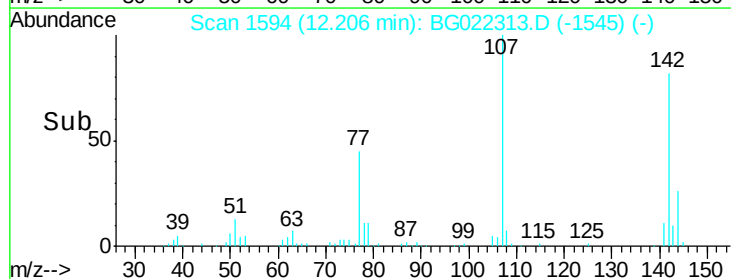
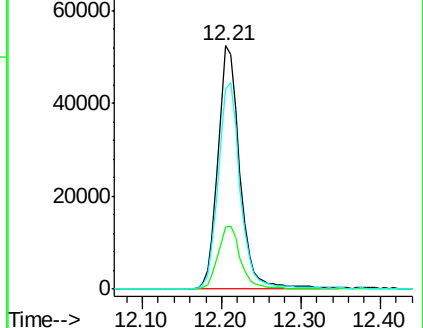
142 82.2 59.1 88.7

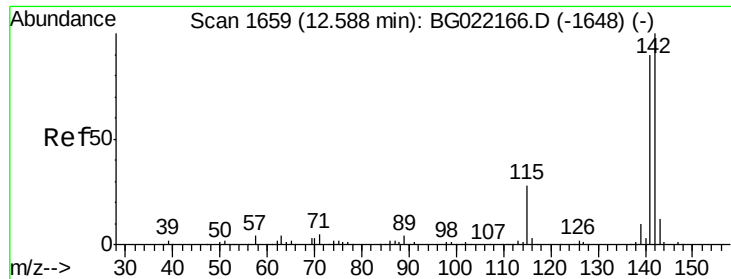


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

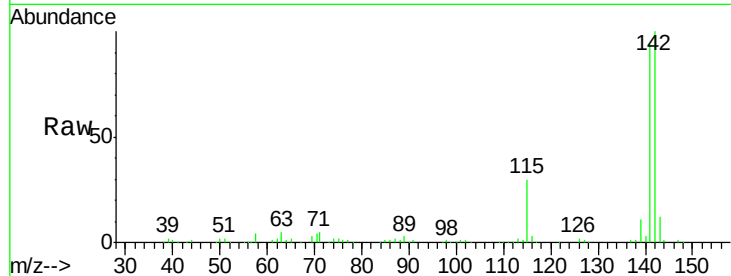




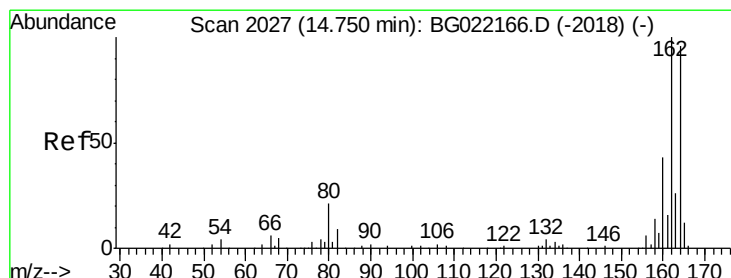
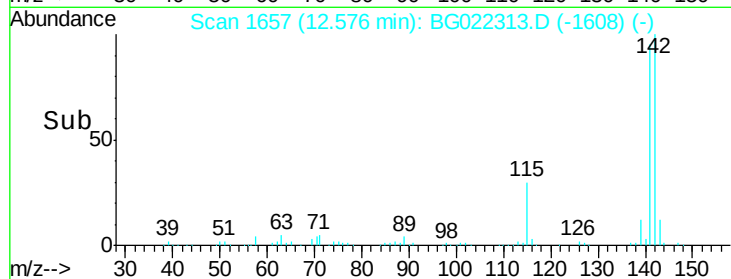
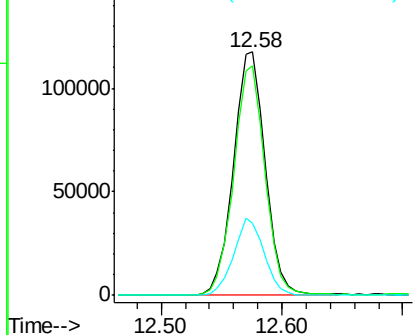
#37
 2-Methylnaphthalene
 Concen: 40.64 ng
 RT: 12.58 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

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

Tgt Ion:142 Resp: 216112
 Ion Ratio Lower Upper
 142 100
 141 94.1 71.4 107.0
 115 29.6 27.4 41.2

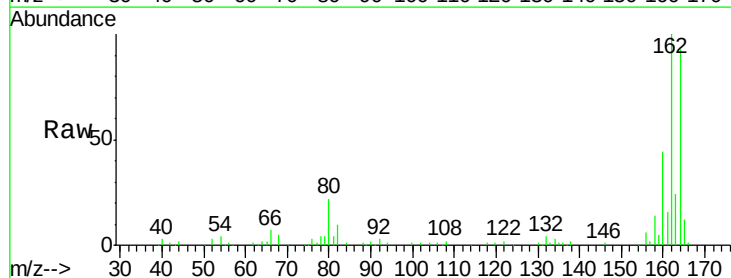


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

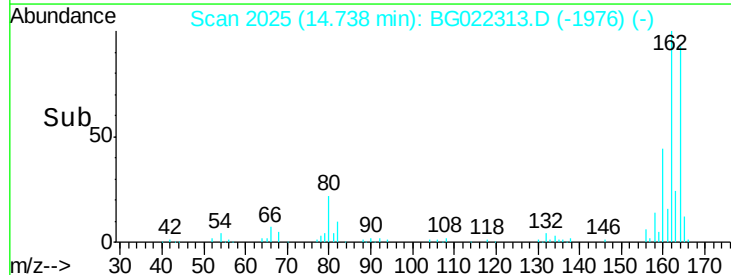
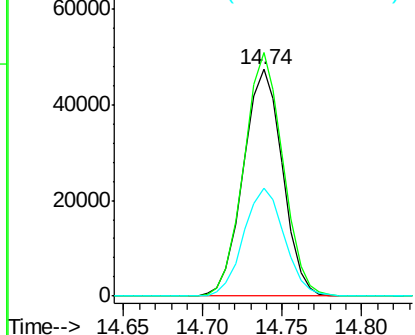


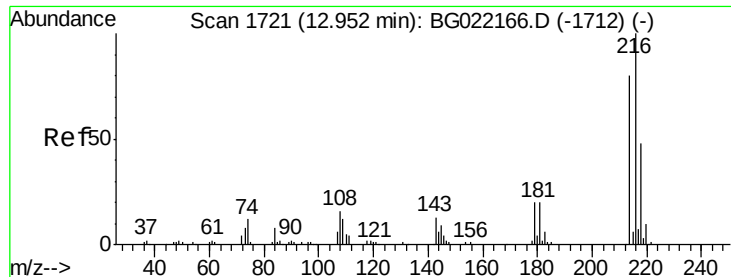
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion:164 Resp: 81370
 Ion Ratio Lower Upper
 164 100
 162 107.5 78.0 117.0
 160 47.5 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

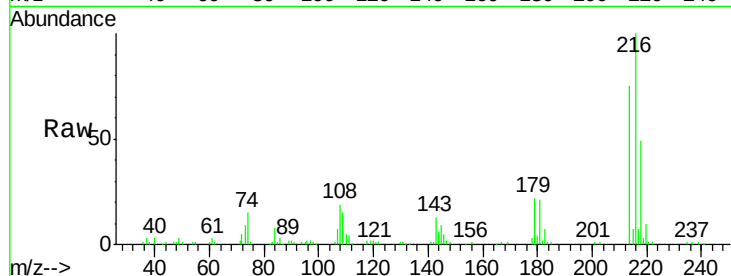




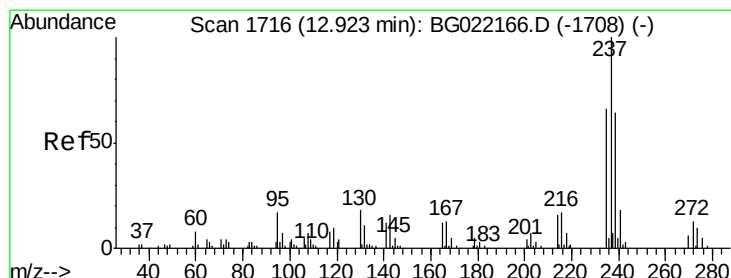
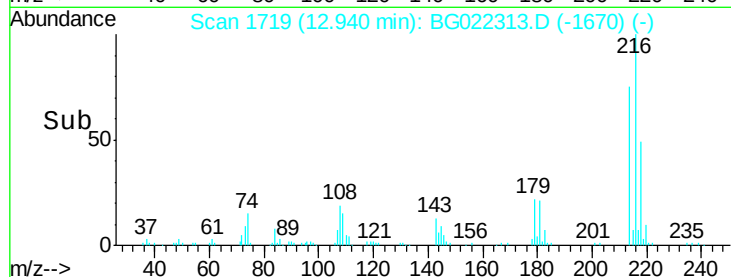
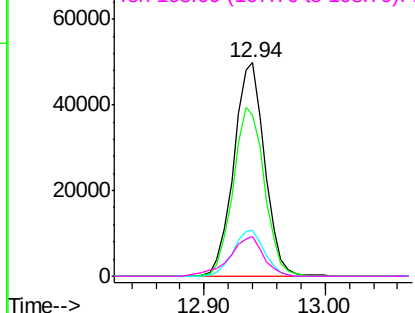
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.51 ng
RT: 12.94 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

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

Tgt Ion:	216	Resp:	89042
Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.2	93.2
179	21.7	16.7	25.1
108	20.3	14.0	21.0

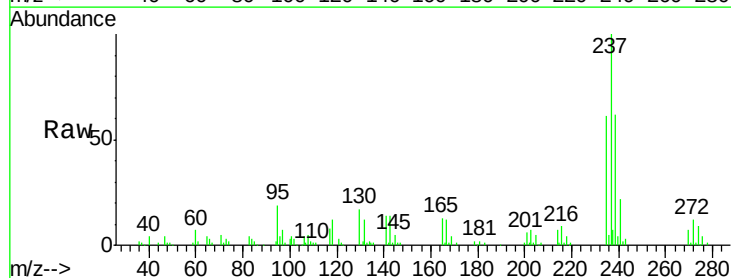


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

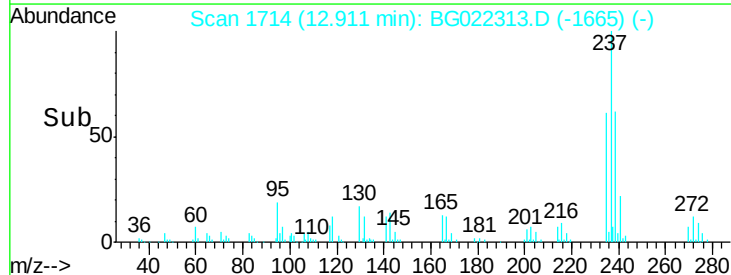
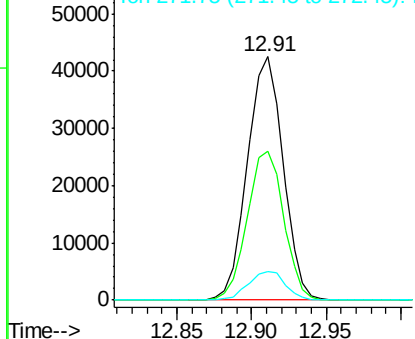


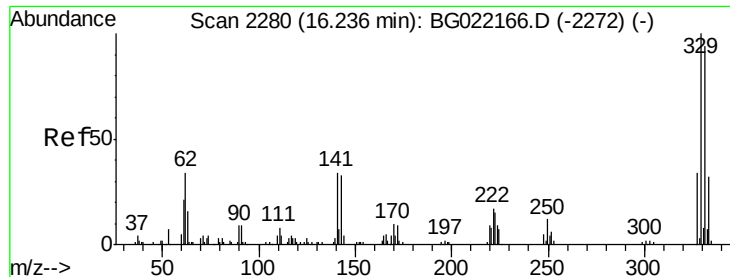
#40
Hexachlorocyclopentadiene
Concen: 66.70 ng
RT: 12.91 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:	237	Resp:	70255
Ion	Ratio	Lower	Upper
237	100		
235	61.4	43.2	83.2
272	11.7	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: 112.39 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

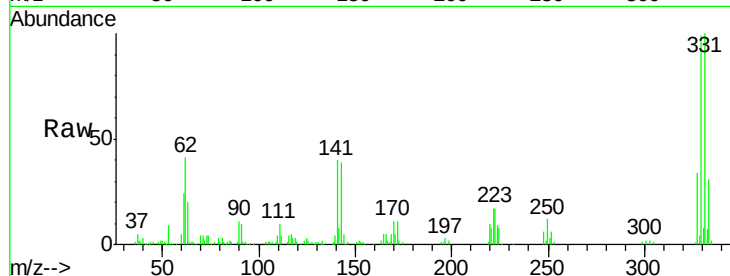
Tgt Ion:330 Resp: 103334

Ion Ratio Lower Upper

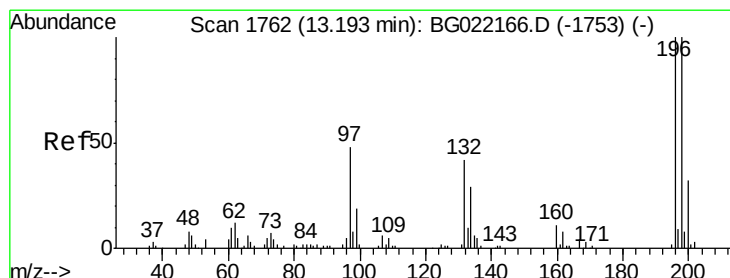
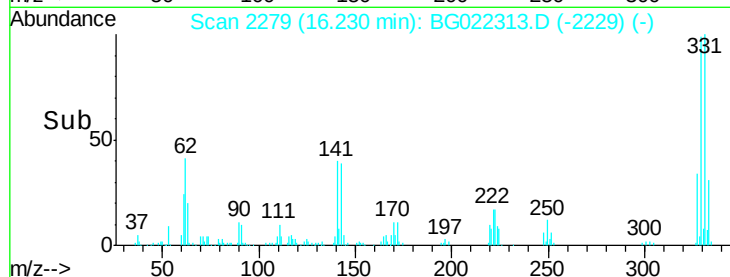
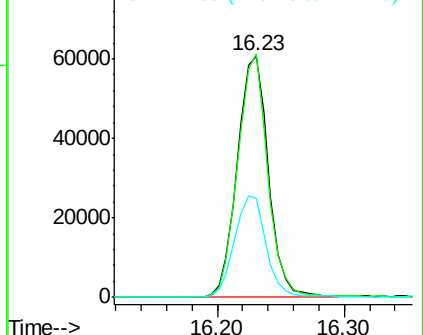
330 100

332 97.4 78.0 117.0

141 42.9 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: 46.77 ng

RT: 13.18 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

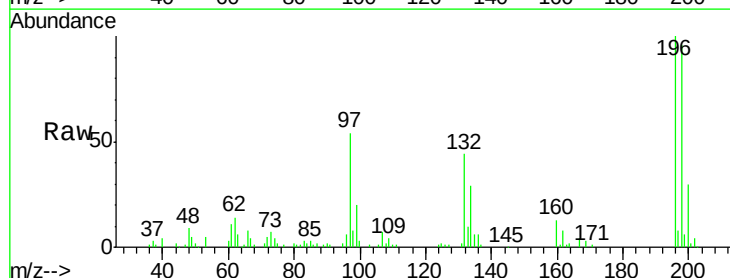
Tgt Ion:196 Resp: 65723

Ion Ratio Lower Upper

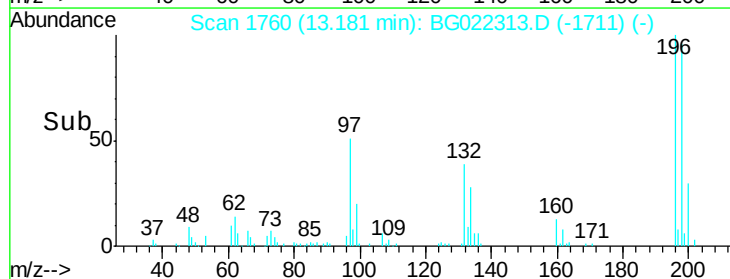
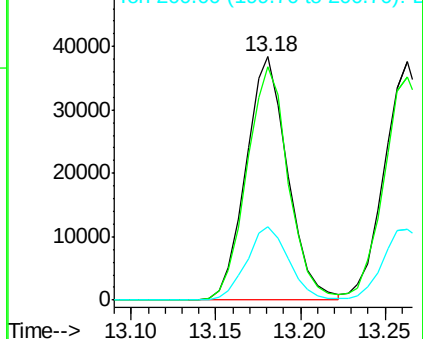
196 100

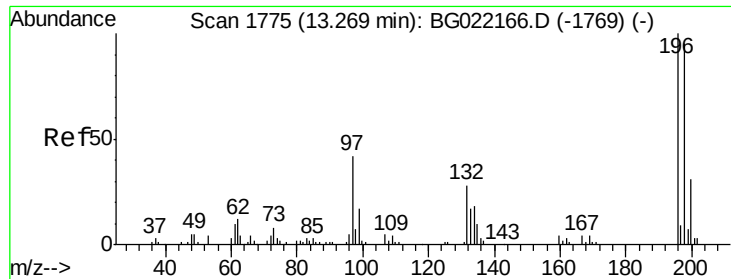
198 96.1 80.1 120.1

200 29.9 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

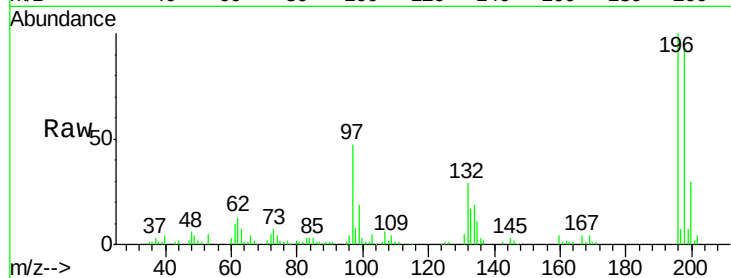




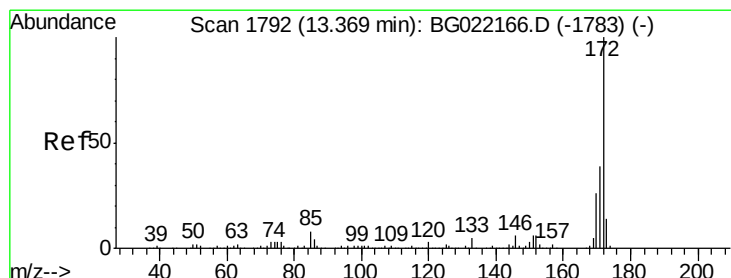
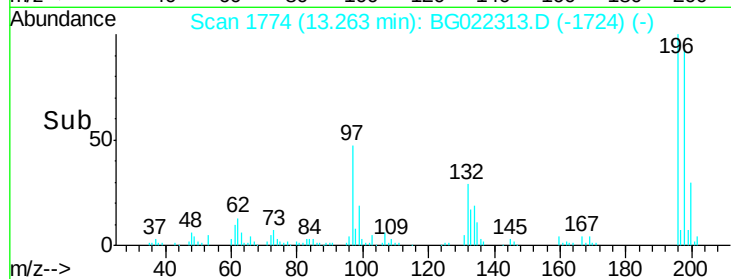
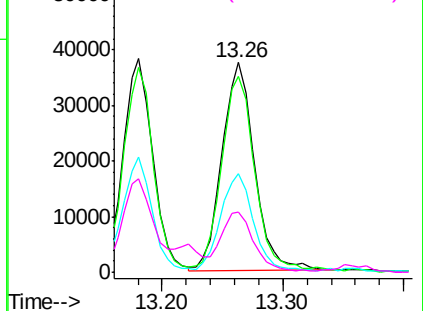
#43
 2,4,5-Trichlorophenol
 Concen: 45.23 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

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

Tgt Ion:	196	Resp:	70220
Ion	Ratio	Lower	Upper
196	100		
198	93.5	78.0	117.0
97	47.3	43.0	64.6
132	28.5	23.0	34.4

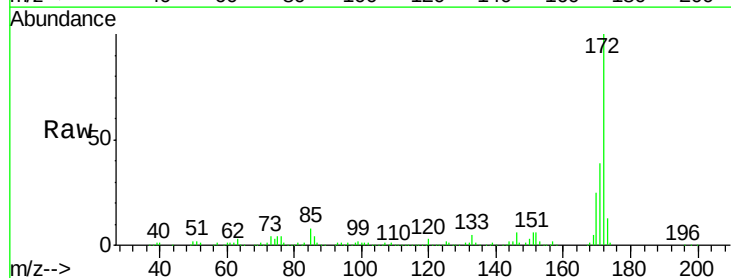


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

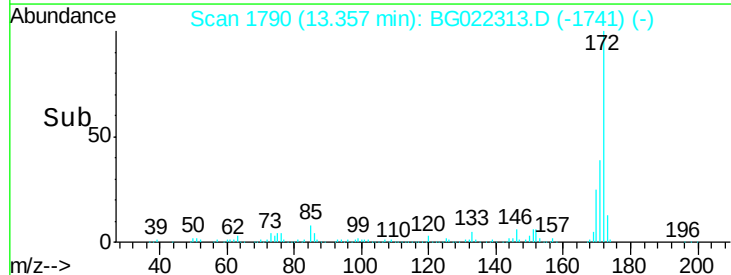
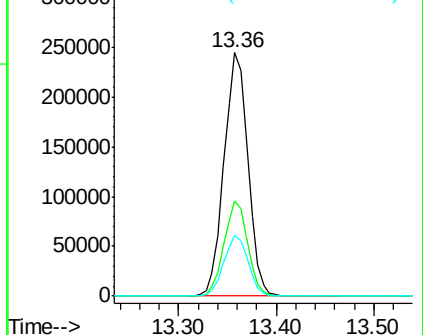


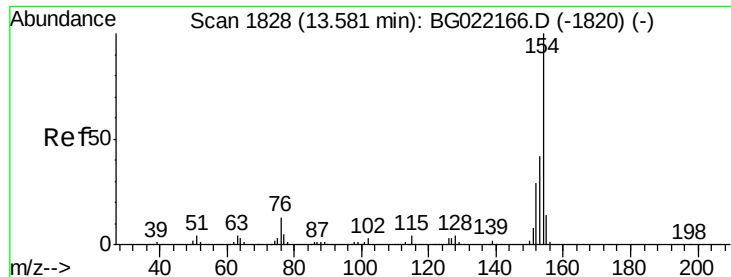
#44
 2-Fluorobiphenyl
 Concen: 77.60 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion:	172	Resp:	414357
Ion	Ratio	Lower	Upper
172	100		
171	39.1	27.8	41.6
170	25.1	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

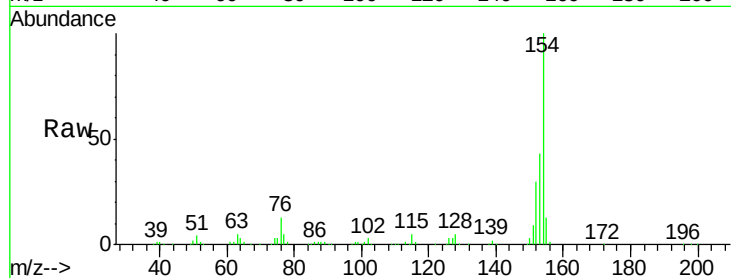




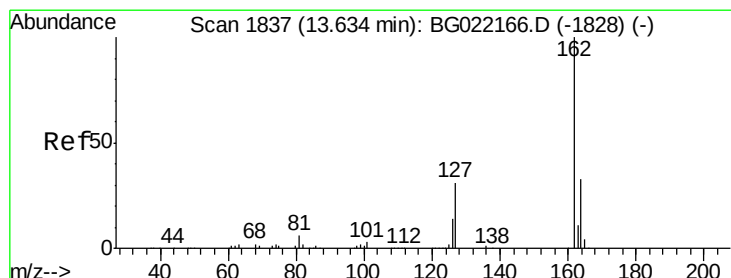
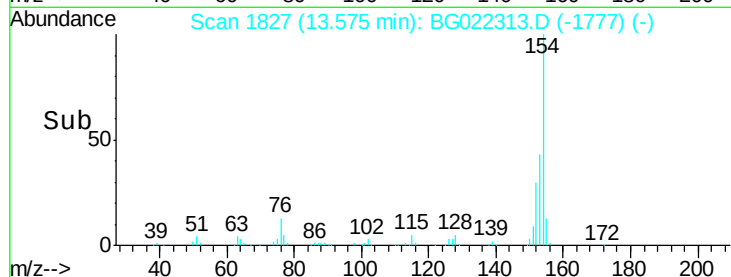
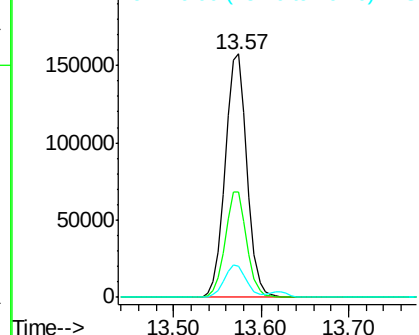
#45
 1,1'-Biphenyl
 Concen: 44.39 ng
 RT: 13.57 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

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

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.7	59.7
76	12.9	0.0	33.0

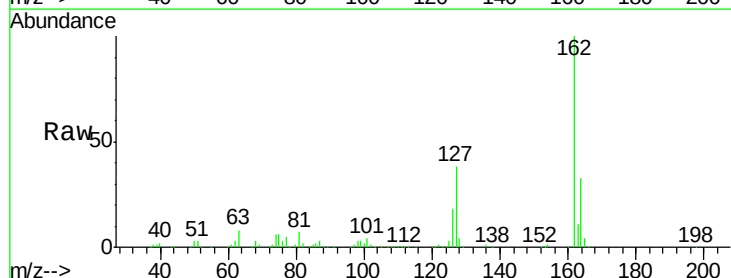


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

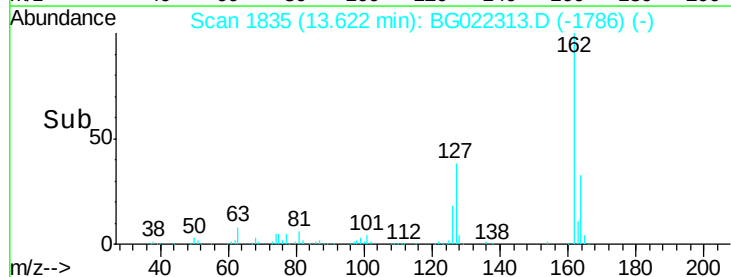
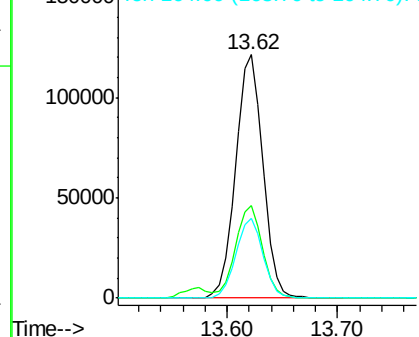


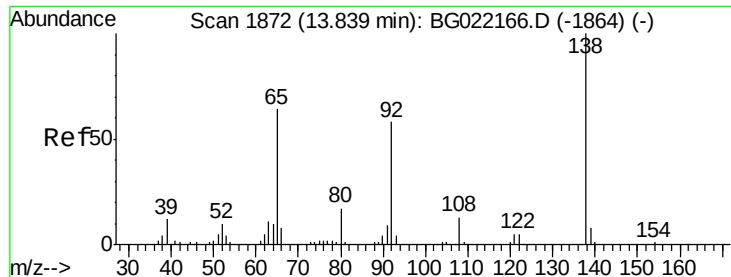
#46
 2-Chloronaphthalene
 Concen: 44.90 ng
 RT: 13.62 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.3	32.0	48.0
164	32.7	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

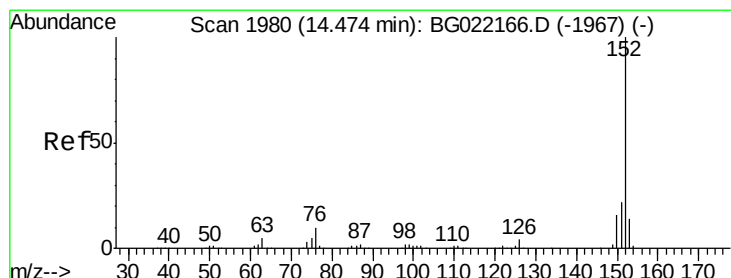
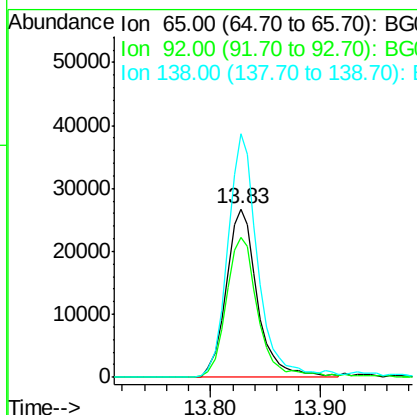
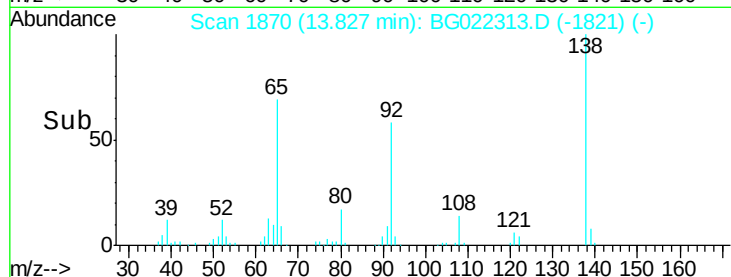
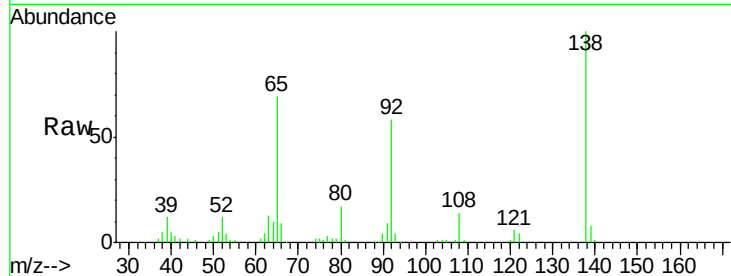




#47
 2-Nitroaniline
 Concen: 47.13 ng
 RT: 13.83 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

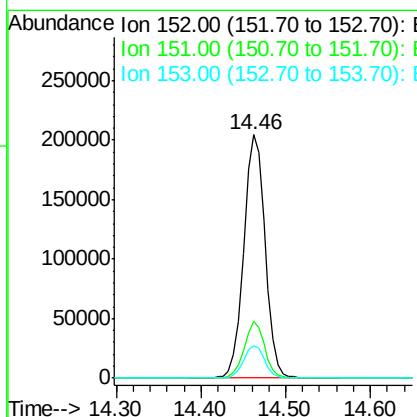
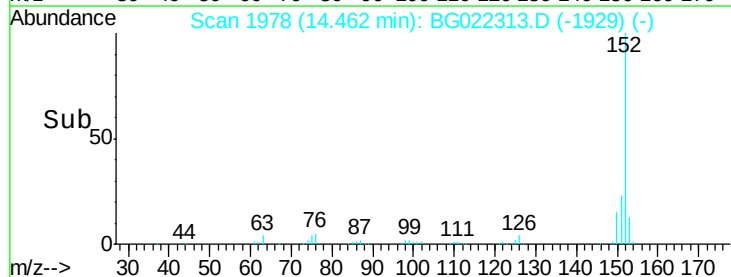
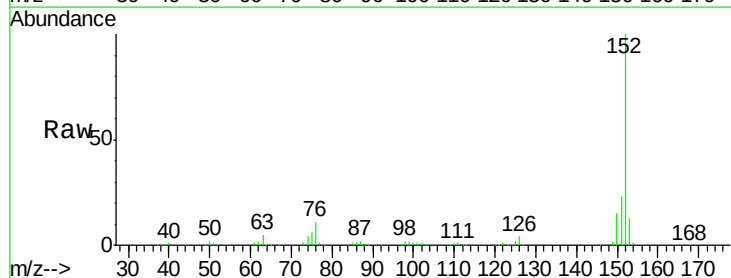
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

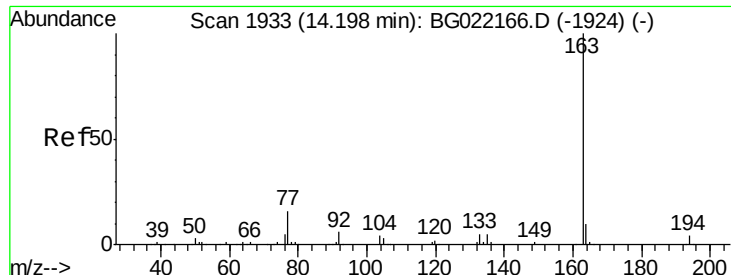
Tgt Ion: 65 Resp: 52753
 Ion Ratio Lower Upper
 65 100
 92 83.4 49.2 73.8#
 138 144.5 75.0 112.6#



#48
 Acenaphthylene
 Concen: 43.36 ng
 RT: 14.46 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion: 152 Resp: 357168
 Ion Ratio Lower Upper
 152 100
 151 23.1 16.6 24.8
 153 13.3 10.2 15.2

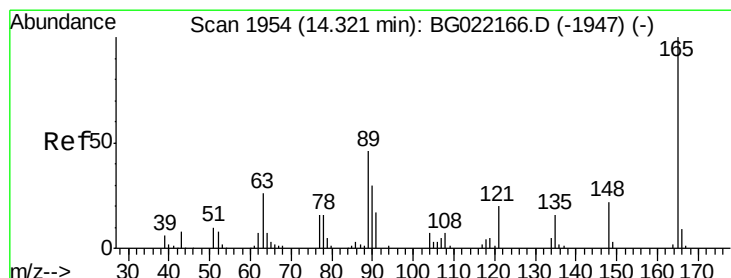
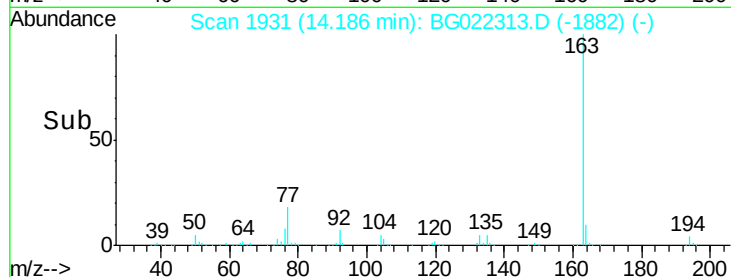
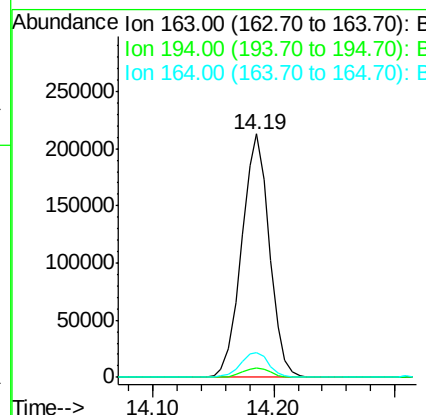
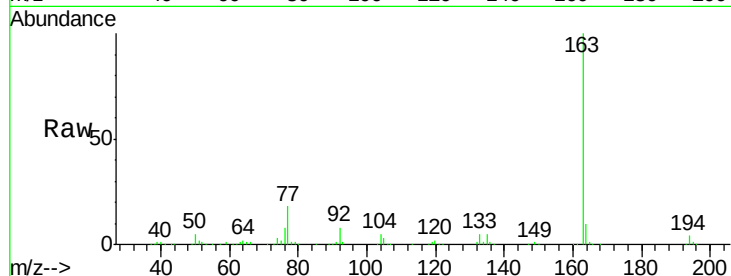




#49
Dimethylphthalate
Concen: 50.47 ng
RT: 14.19 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

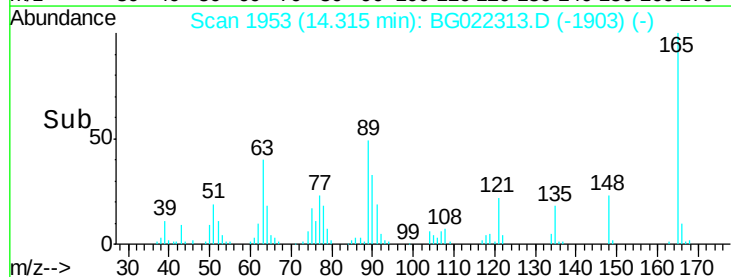
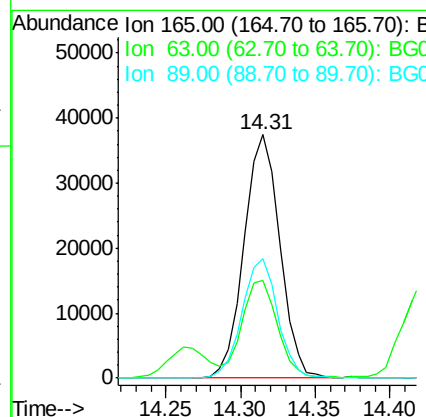
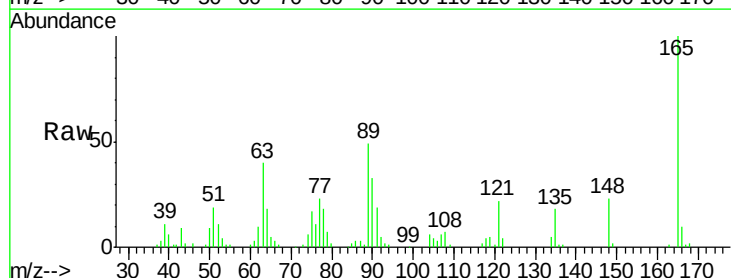
Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

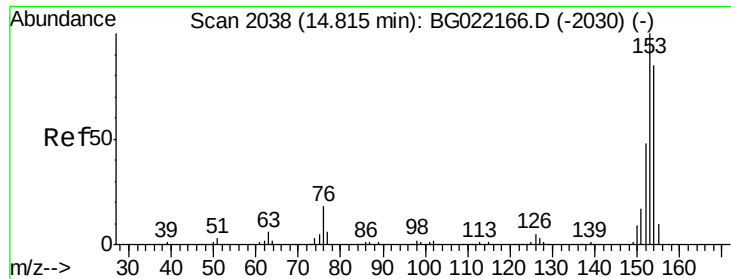
Tgt Ion:163 Resp: 340481
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 42.38 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:165 Resp: 62152
Ion Ratio Lower Upper
165 100
63 40.1 48.2 72.4#
89 49.2 45.3 67.9





#51

Acenaphthene

Concen: 42.58 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

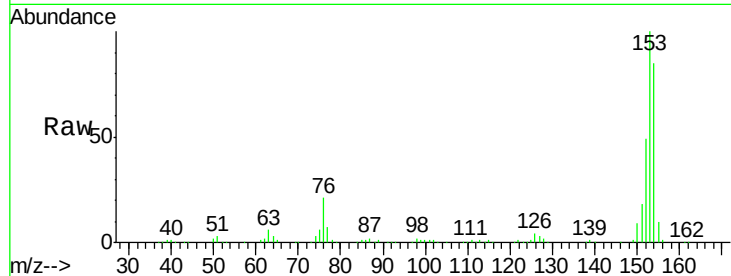
Tgt Ion:154 Resp: 210090

Ion Ratio Lower Upper

154 100

153 117.8 91.9 137.9

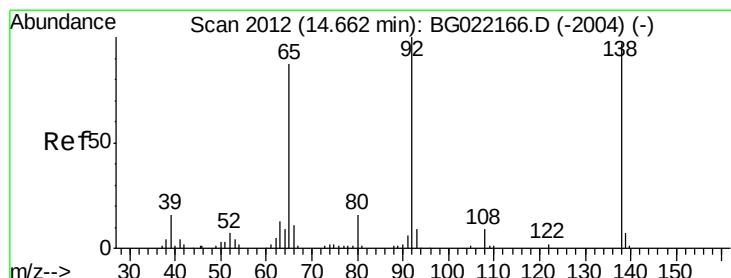
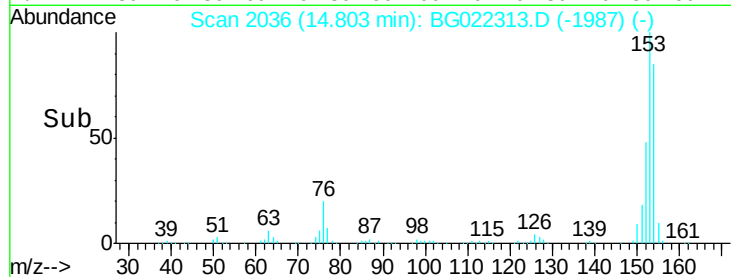
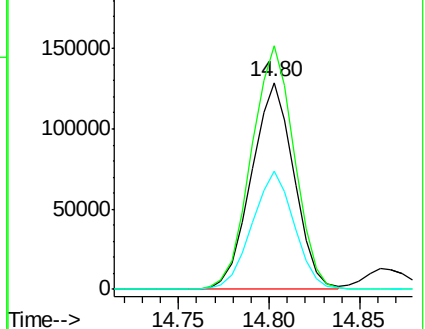
152 57.3 42.0 63.0



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: 23.74 ng

RT: 14.65 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

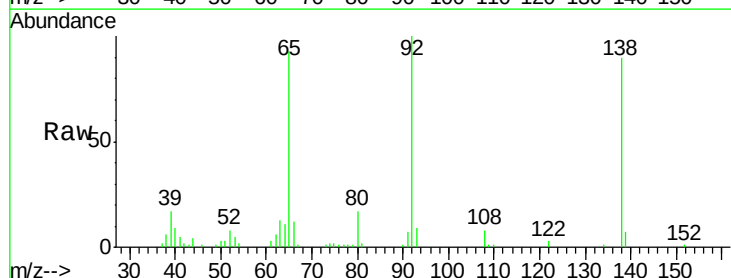
Tgt Ion:138 Resp: 38620

Ion Ratio Lower Upper

138 100

108 8.7 9.1 13.7#

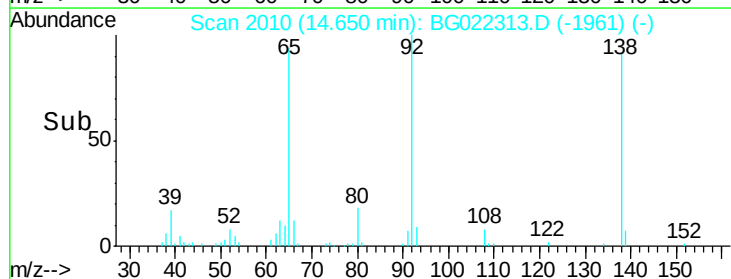
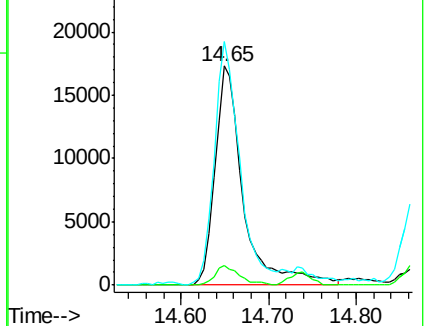
92 111.2 102.6 154.0

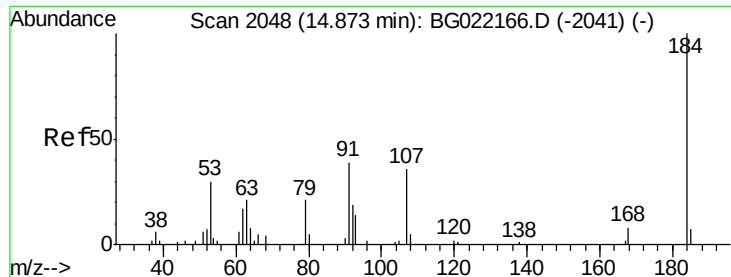


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

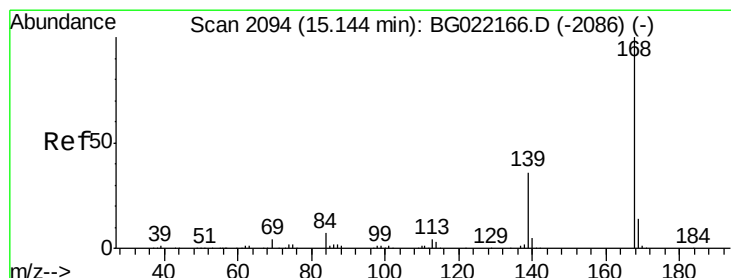
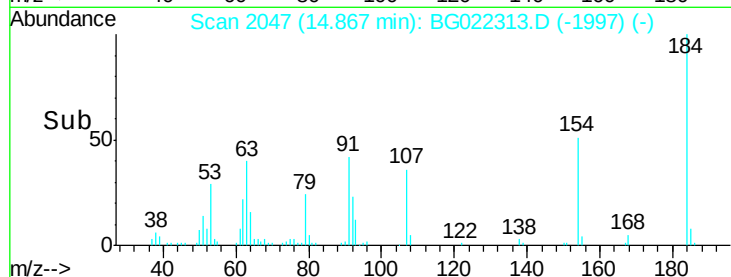
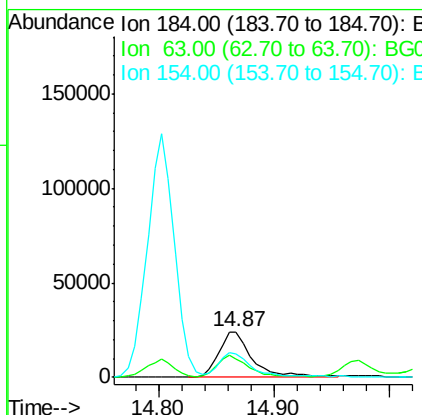
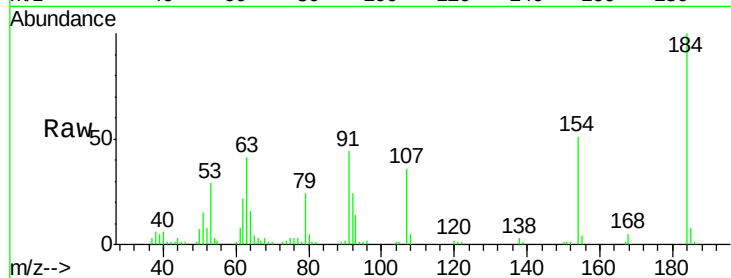




#53
 2,4-Dinitrophenol
 Concen: 80.17 ng
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

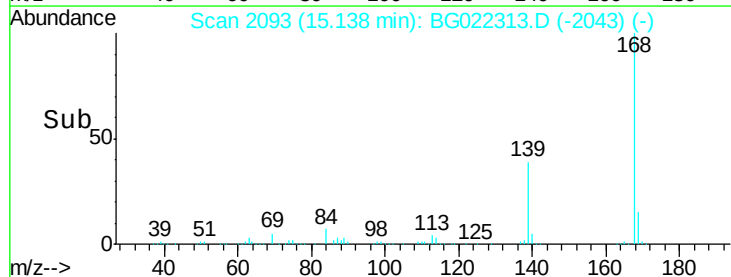
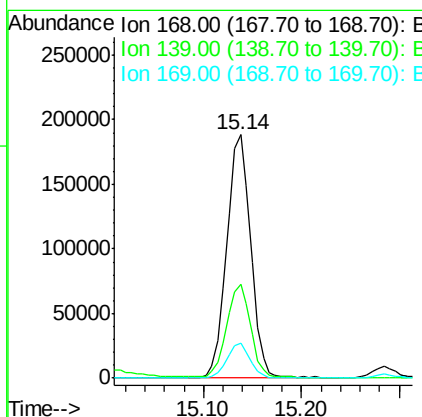
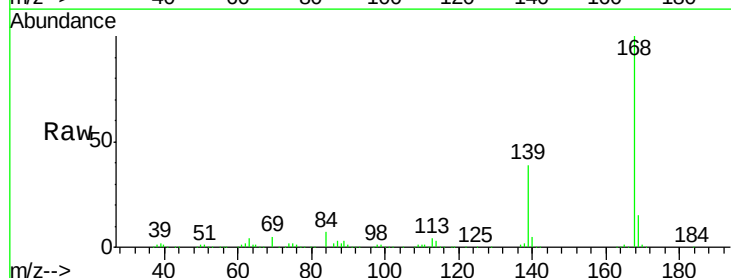
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

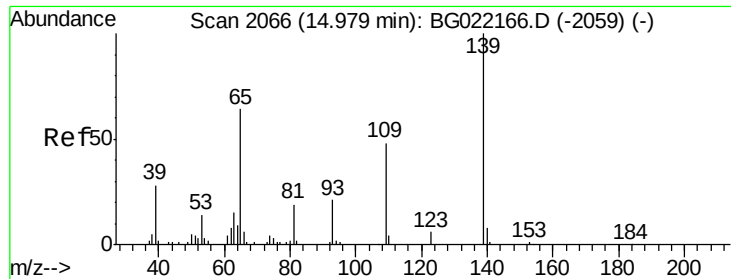
Tgt Ion:184 Resp: 48032
 Ion Ratio Lower Upper
 184 100
 63 41.4 57.3 85.9#
 154 51.4 55.2 82.8#



#54
 Dibenzofuran
 Concen: 41.71 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion:168 Resp: 321183
 Ion Ratio Lower Upper
 168 100
 139 38.6 31.1 46.7
 169 14.5 11.0 16.6





#55

4-Nitrophenol

Concen: 88.96 ng

RT: 14.97 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

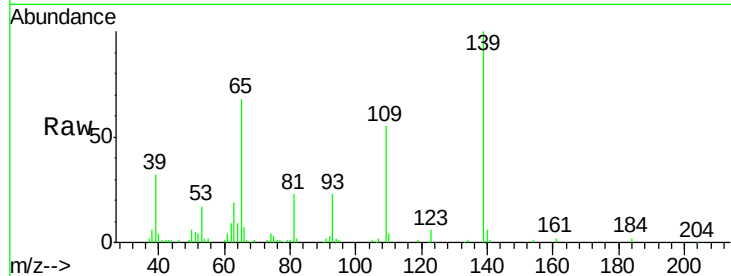
Tgt Ion:139 Resp: 99874

Ion Ratio Lower Upper

139 100

109 54.5 49.2 89.2

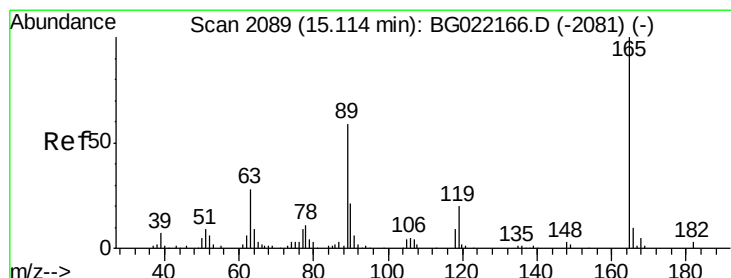
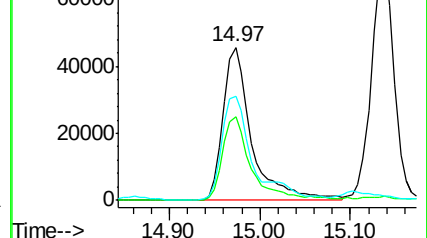
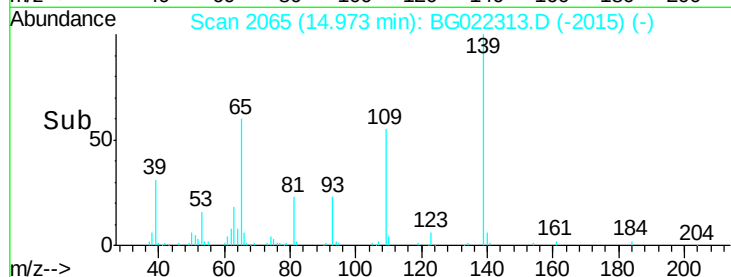
65 67.6 83.2 123.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 43.26 ng

RT: 15.10 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:165 Resp: 85115

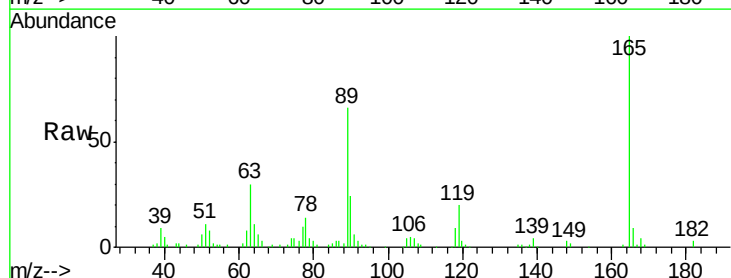
Ion Ratio Lower Upper

165 100

63 30.4 37.4 56.0#

89 65.6 59.4 89.0

182 2.9 2.1 3.1

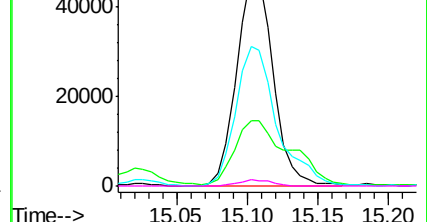
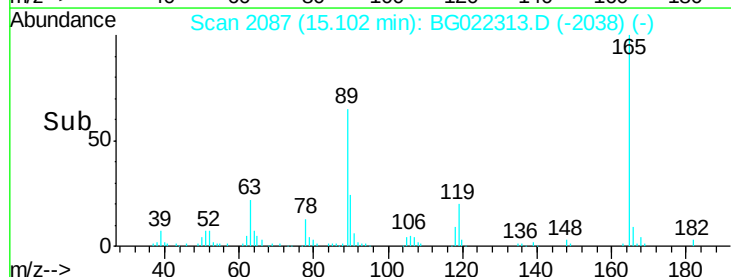


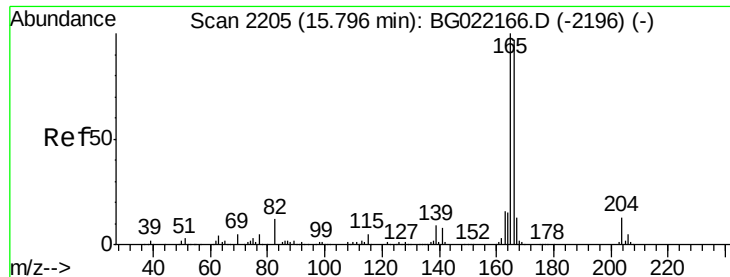
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.91 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

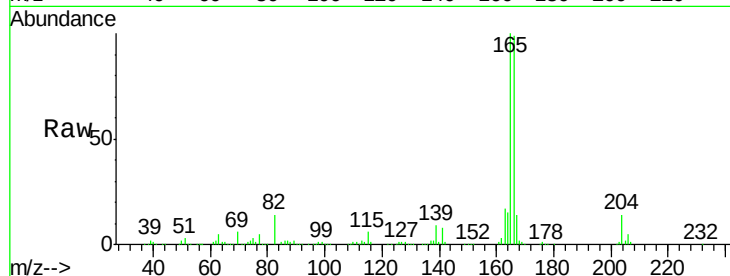
Tgt Ion:166 Resp: 271388

Ion Ratio Lower Upper

166 100

165 100.6 79.0 118.4

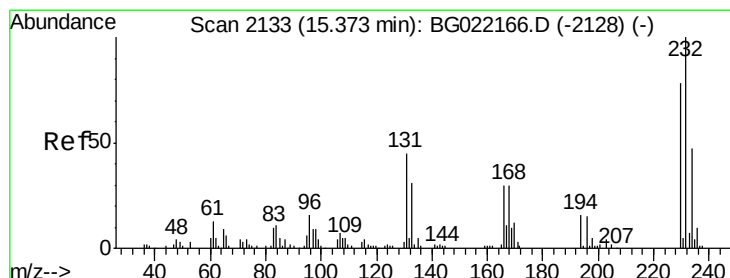
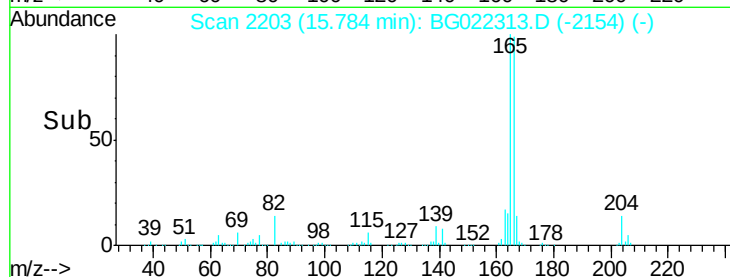
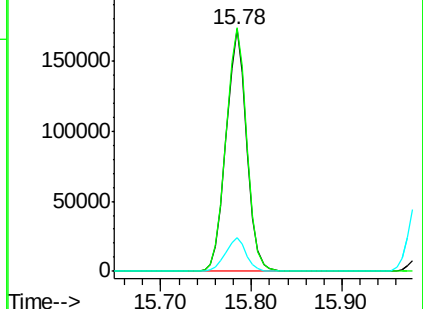
167 13.7 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.67 ng

RT: 15.37 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Tgt Ion:232 Resp: 56634

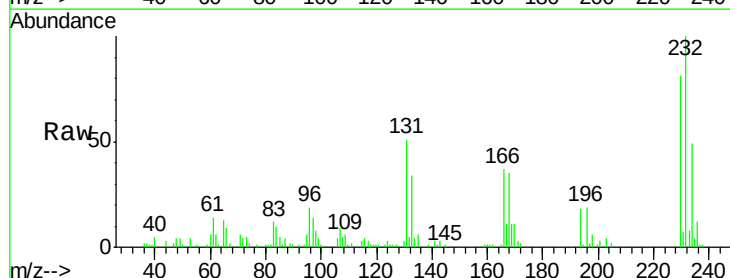
Ion Ratio Lower Upper

232 100

131 51.6 36.3 54.5

130 2.6 1.9 2.9

166 34.6 25.0 37.4

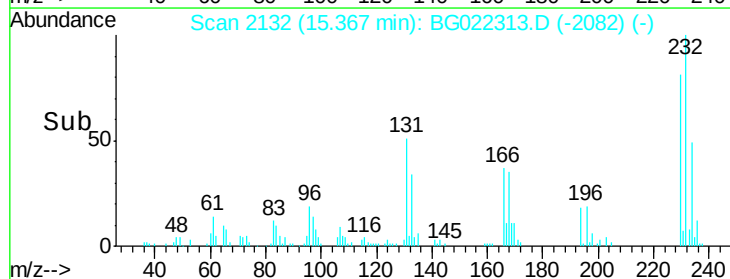
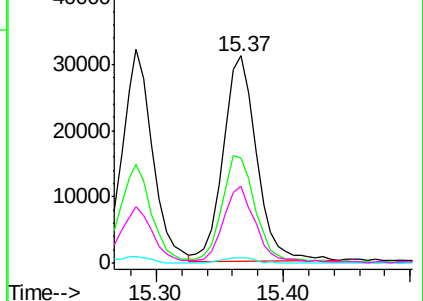


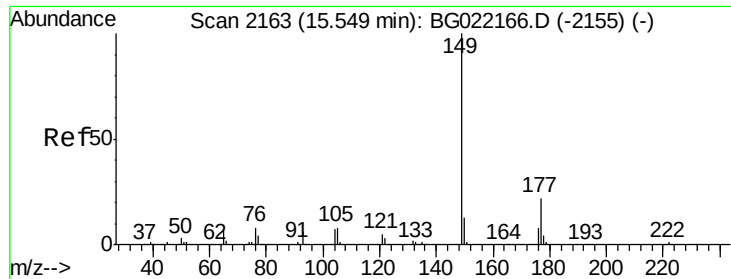
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

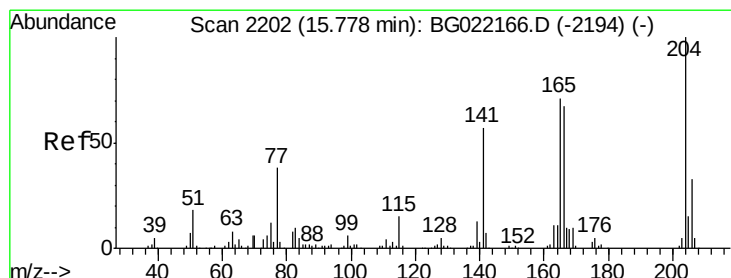
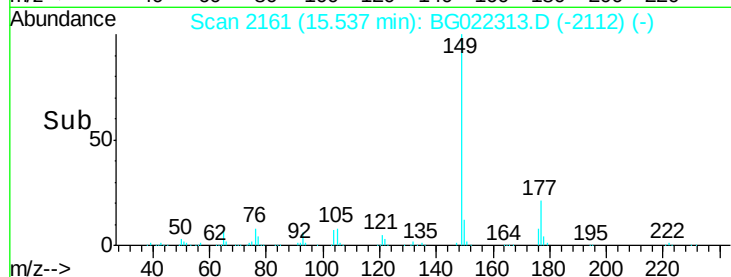
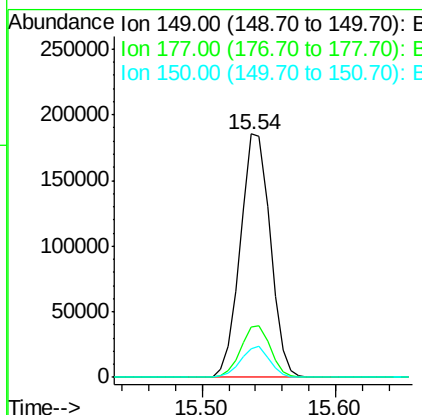
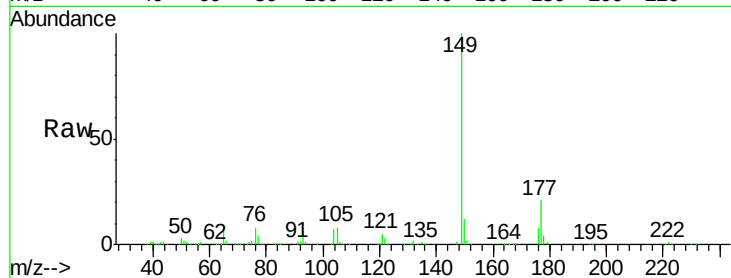




#59
Diethylphthalate
Concen: 39.84 ng
RT: 15.54 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

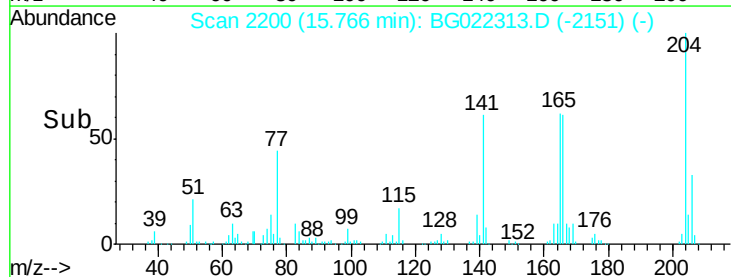
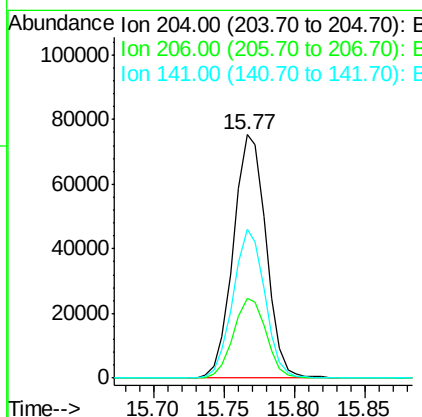
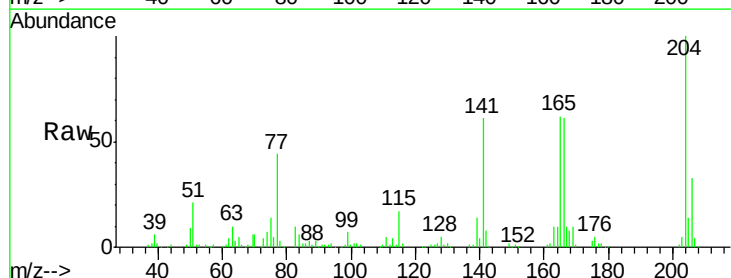
Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

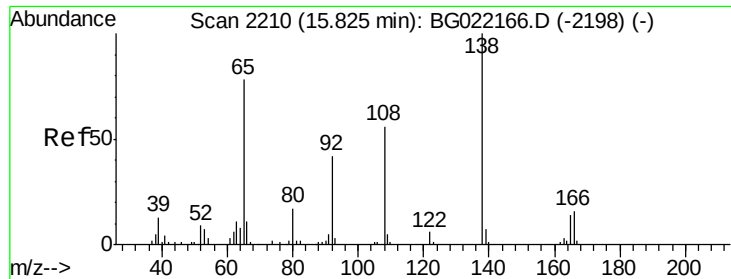
Tgt Ion:149 Resp: 287155
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 11.7 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 40.47 ng
RT: 15.77 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:204 Resp: 121573
Ion Ratio Lower Upper
204 100
206 32.8 27.8 41.8
141 61.2 51.0 76.4

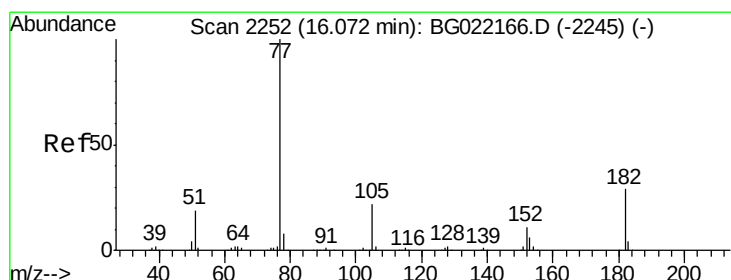
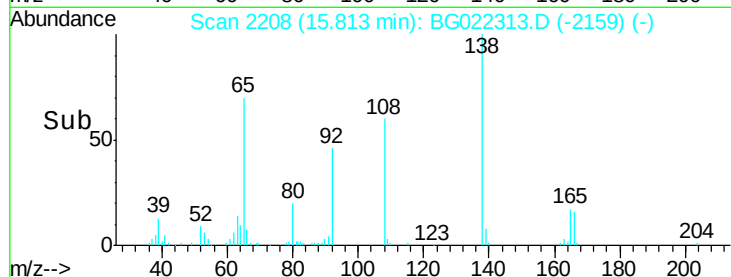
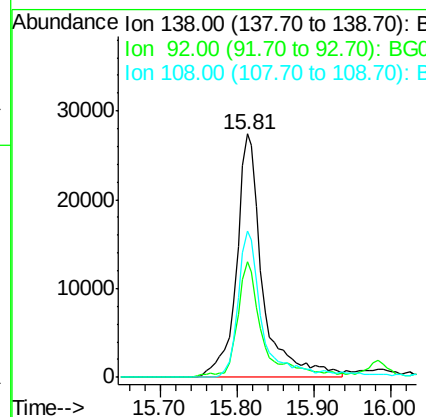
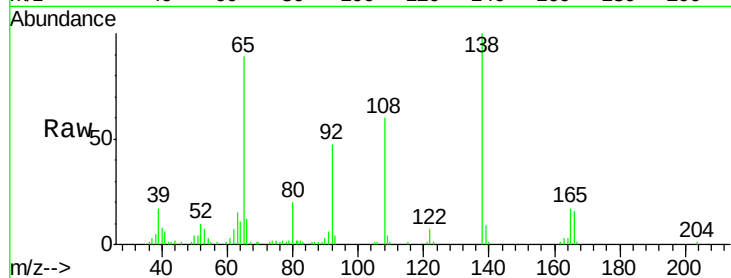




#61
4-Nitroaniline
Concen: 37.73 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

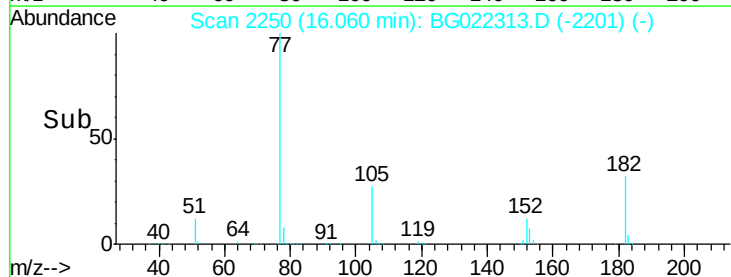
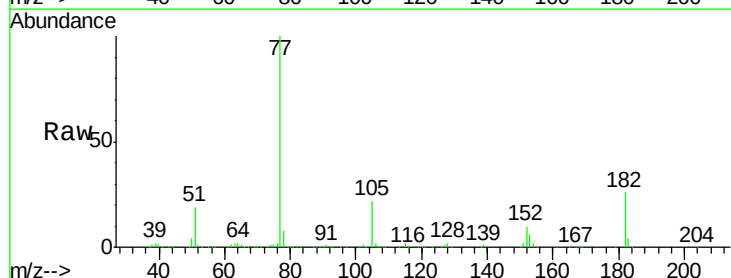
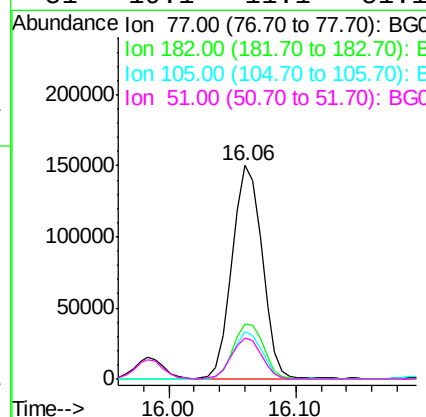
Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

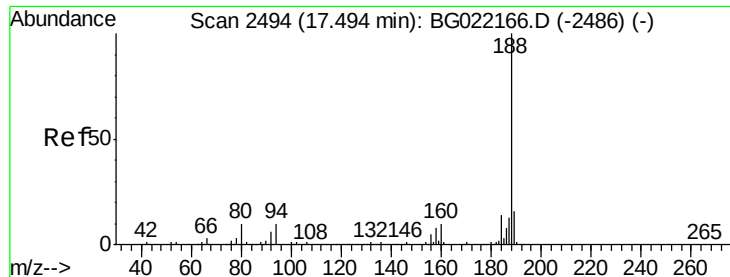
Tgt Ion:138 Resp: 65088
Ion Ratio Lower Upper
138 100
92 47.4 37.7 77.7
108 60.2 59.4 99.4



#62
Azobenzene
Concen: 44.83 ng
RT: 16.06 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion: 77 Resp: 244696
Ion Ratio Lower Upper
77 100
182 26.0 4.1 44.1
105 22.0 0.0 39.8
51 19.1 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: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

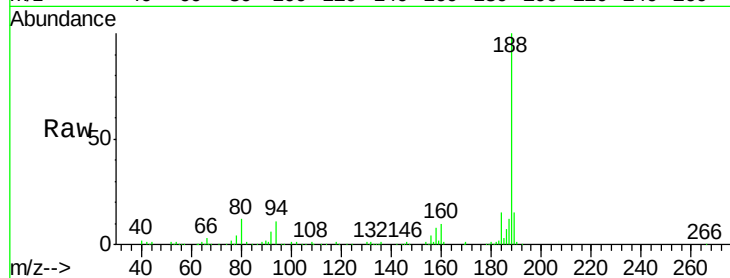
Tgt Ion:188 Resp: 175126

Ion Ratio Lower Upper

188 100

94 11.3 7.5 11.3#

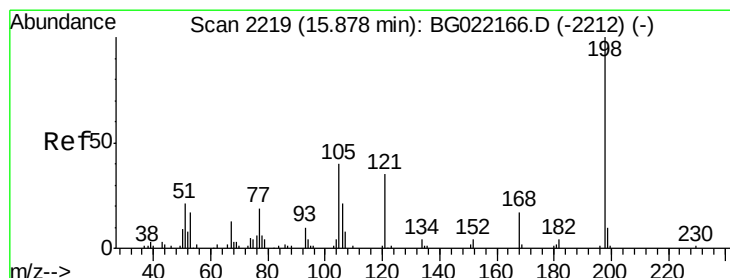
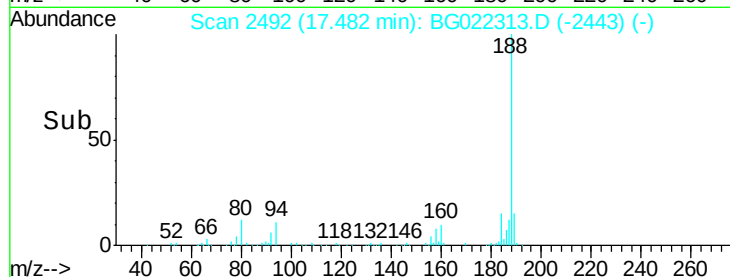
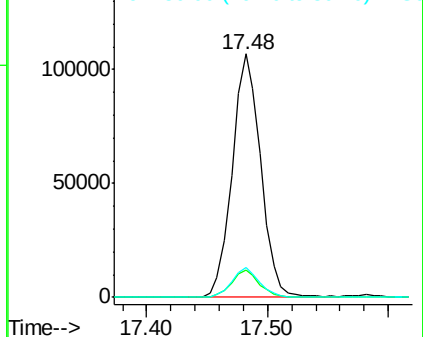
80 12.2 8.6 13.0



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: 45.20 ng

RT: 15.87 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

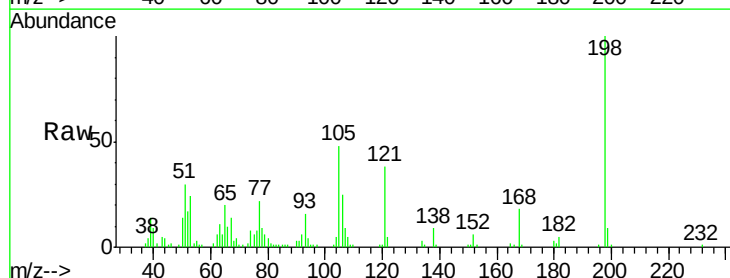
Tgt Ion:198 Resp: 39812

Ion Ratio Lower Upper

198 100

51 30.4 29.2 69.2

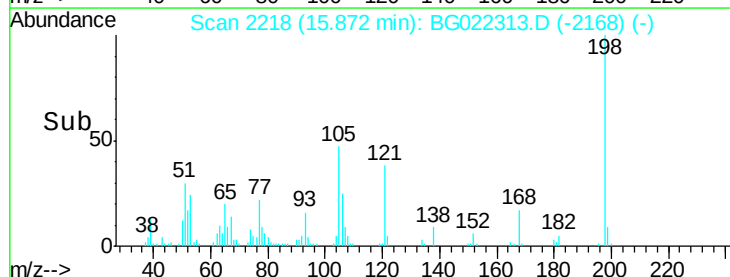
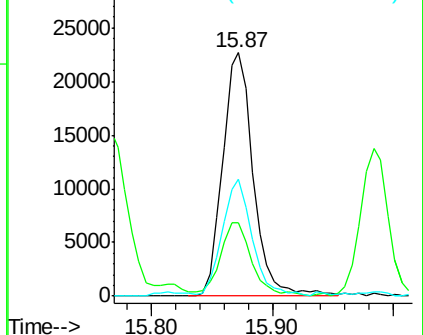
105 48.0 24.0 64.0

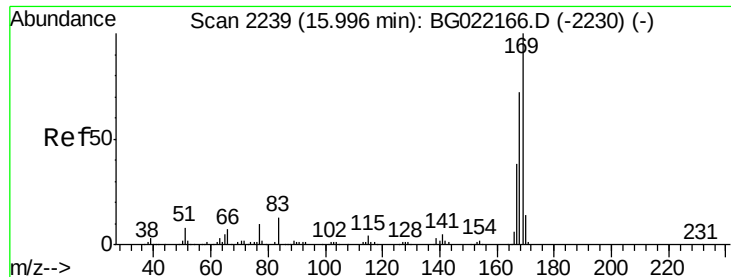


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

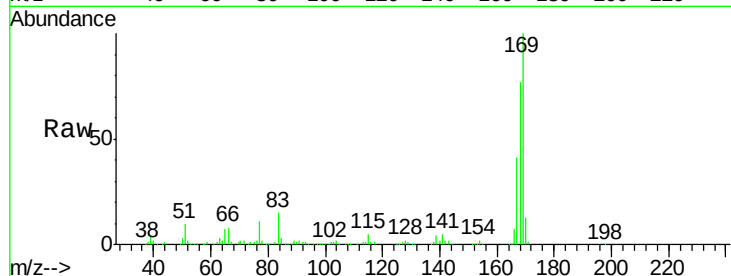




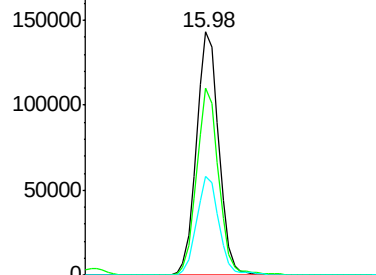
#65
n-Nitrosodiphenylamine
Concen: 45.17 ng
RT: 15.98 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

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

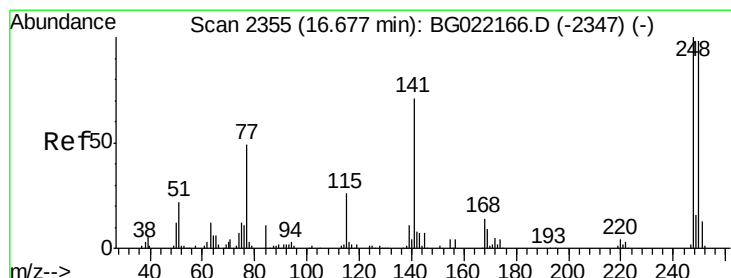
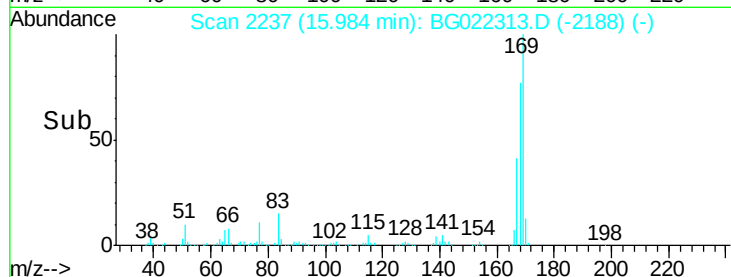
Tgt Ion	Ratio	Lower	Upper
169	100		
168	76.8	59.6	89.4
167	40.6	31.2	46.8



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

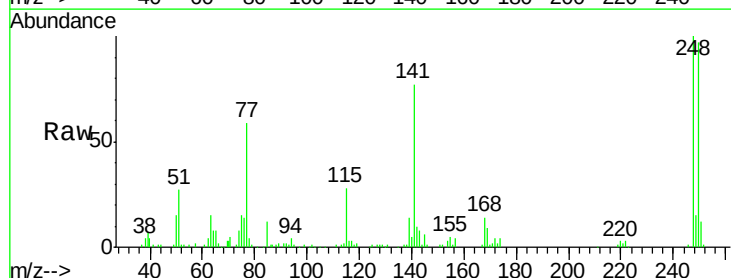


Time-->

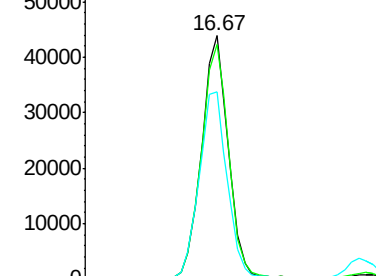


#66
4-Bromophenyl-phenylether
Concen: 41.54 ng
RT: 16.67 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

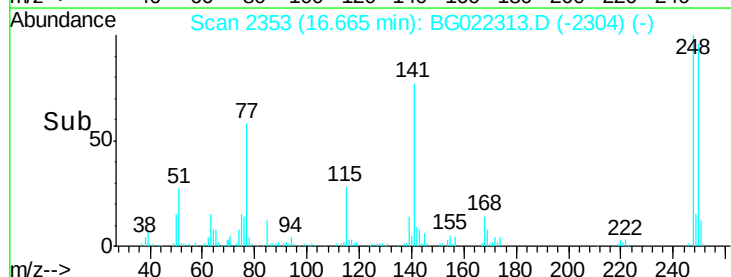
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.6	114.8
141	77.1	63.8	95.6

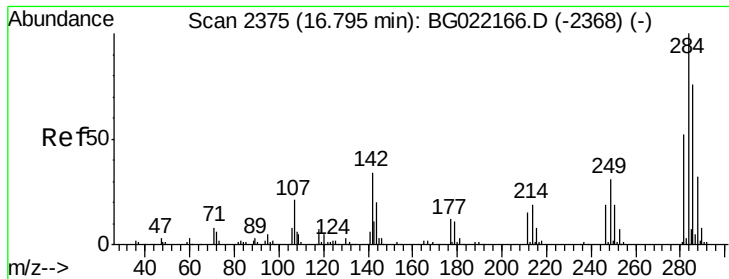


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#67

Hexachlorobenzene

Concen: 40.05 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

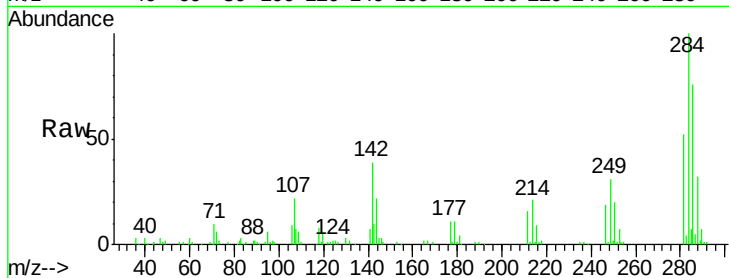
Tgt Ion:284 Resp: 76603

Ion Ratio Lower Upper

284 100

142 39.2 31.8 47.6

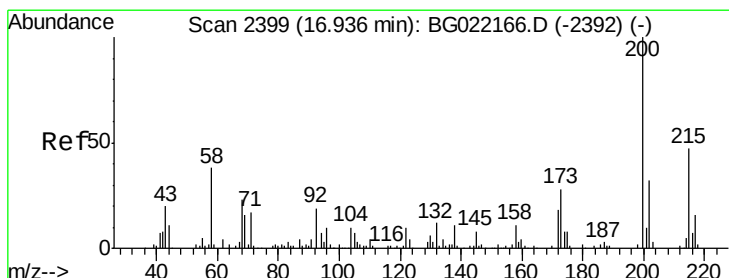
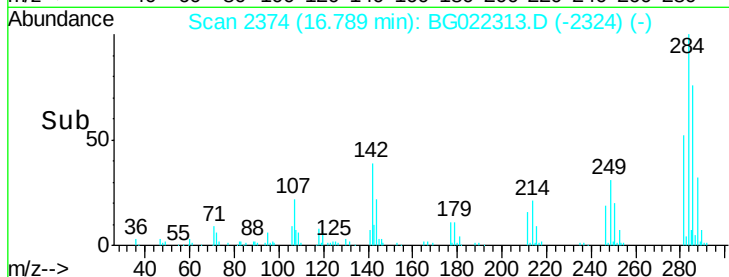
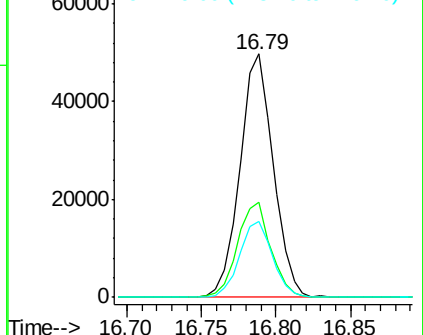
249 33.5 27.3 40.9



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: 40.25 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

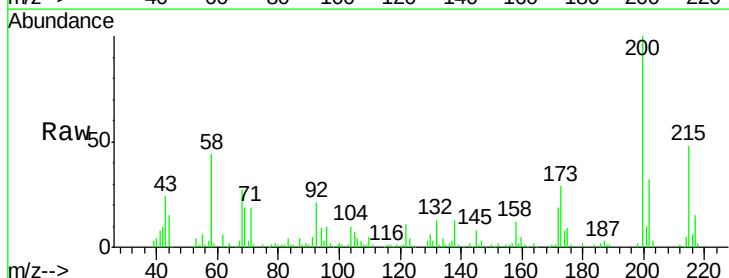
Tgt Ion:200 Resp: 75161

Ion Ratio Lower Upper

200 100

173 28.8 5.1 45.1

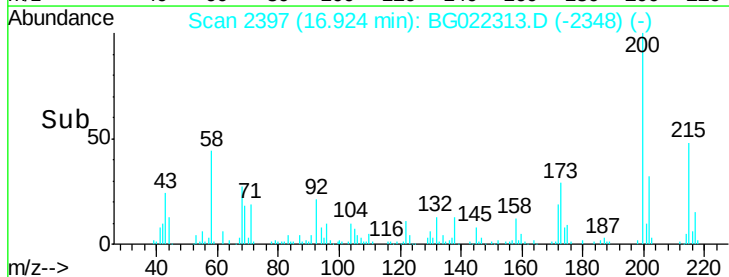
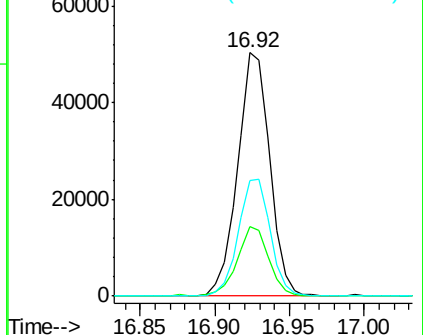
215 47.7 28.0 68.0

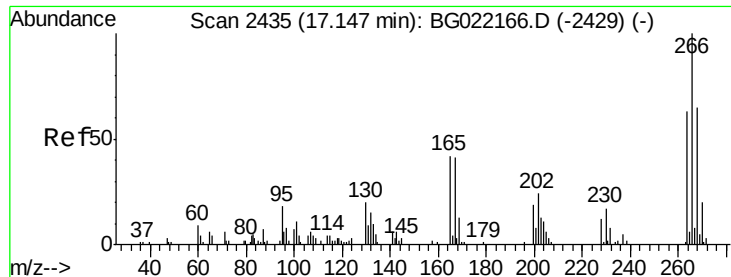


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

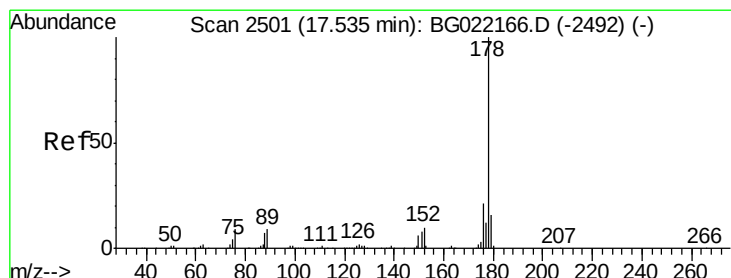
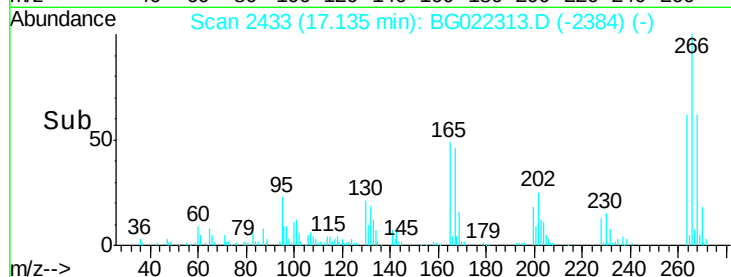
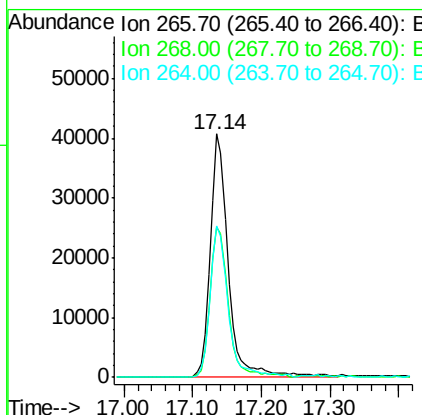
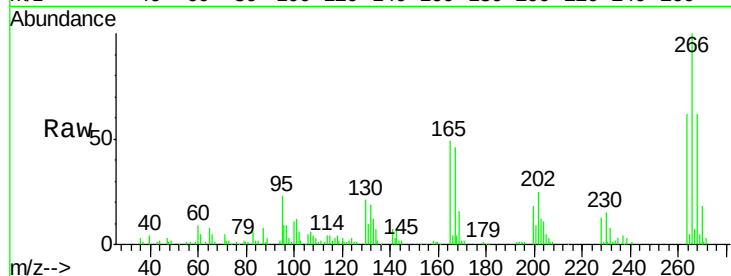




#69
 Pentachlorophenol
 Concen: 85.73 ng
 RT: 17.14 min Scan# 2433
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

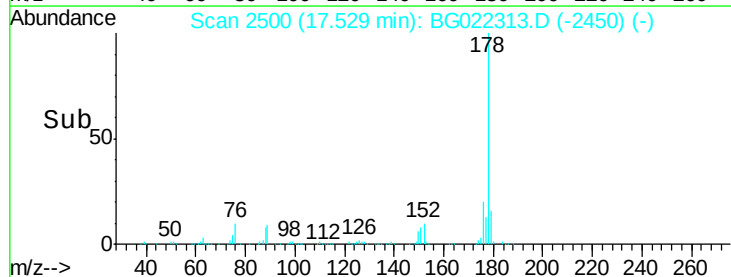
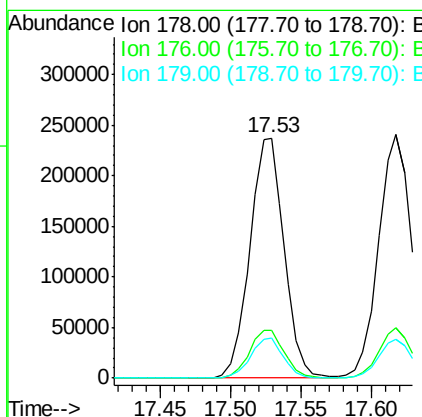
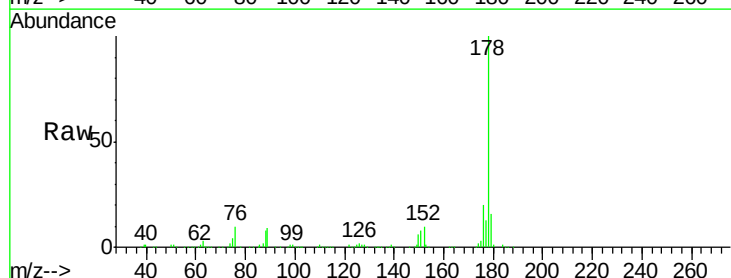
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

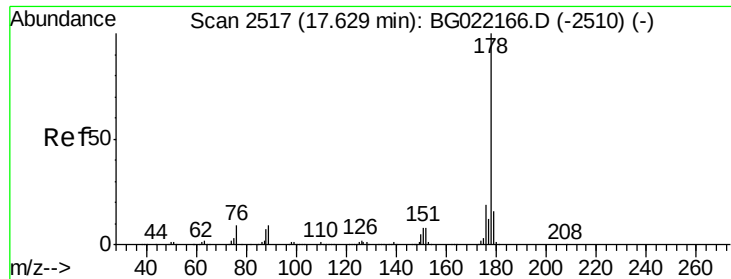
Tgt Ion:266 Resp: 74788
 Ion Ratio Lower Upper
 266 100
 268 66.5 54.5 81.7
 264 66.9 53.8 80.6



#70
 Phenanthrene
 Concen: 42.57 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion:178 Resp: 404899
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 16.4 12.0 18.0

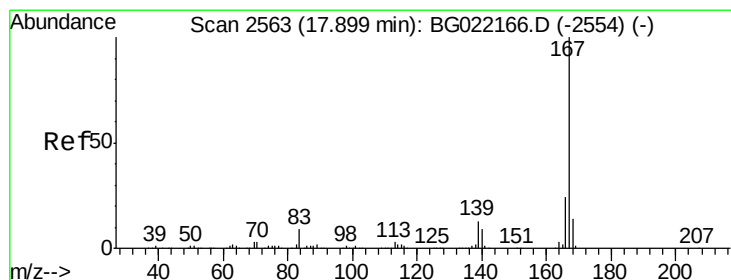
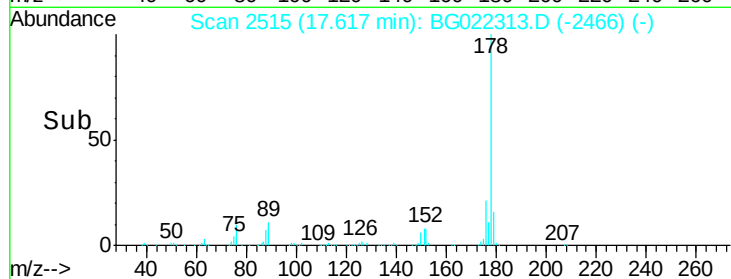
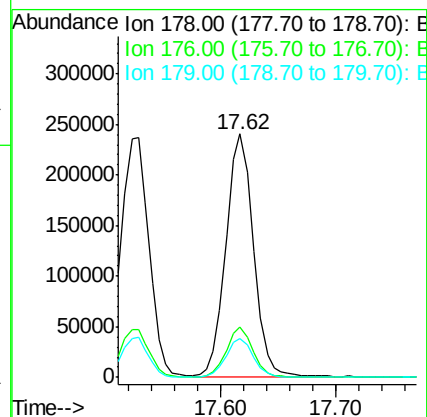
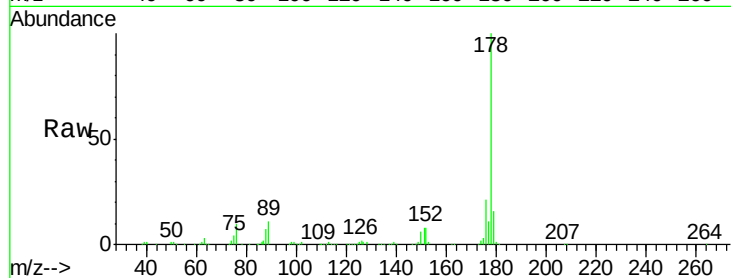




#71
 Anthracene
 Concen: 42.18 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

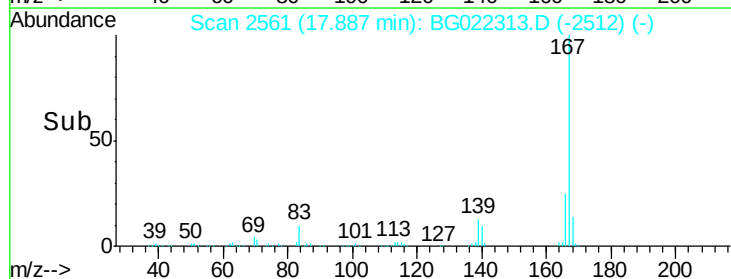
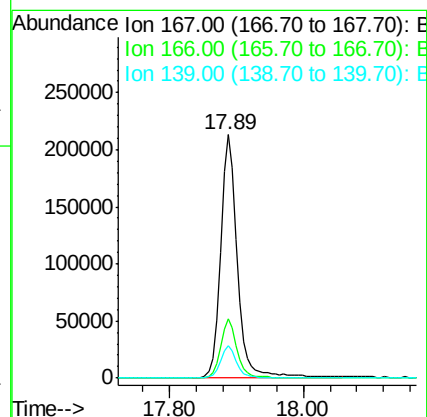
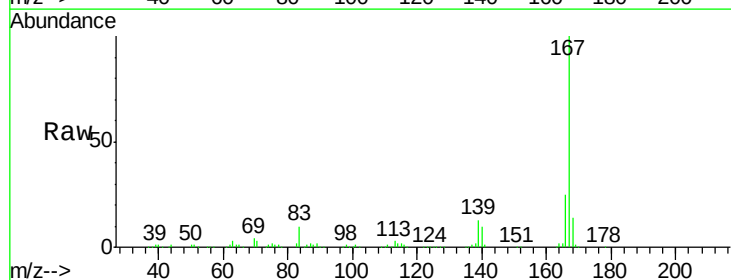
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

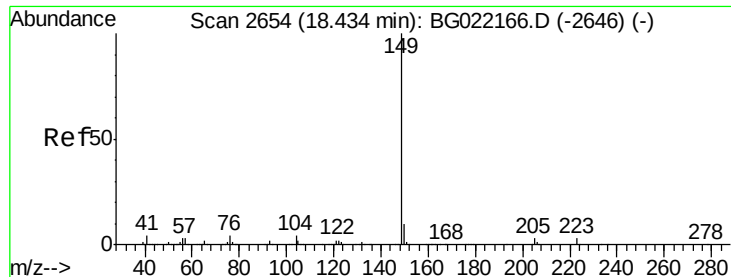
Tgt Ion:178 Resp: 397944
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.0 22.4
 179 16.1 12.2 18.4



#72
 Carbazole
 Concen: 42.58 ng
 RT: 17.89 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion:167 Resp: 380395
 Ion Ratio Lower Upper
 167 100
 166 24.5 18.6 27.8
 139 13.2 10.6 15.8





#73

Di-n-butylphthalate

Concen: 41.85 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

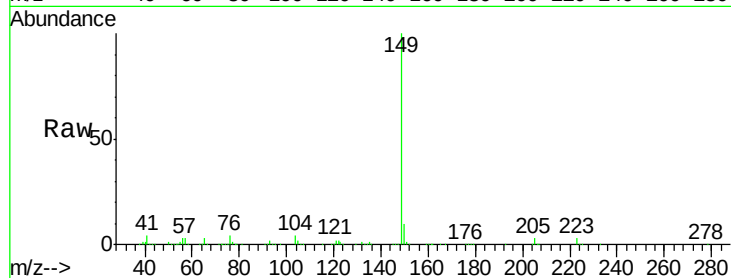
Tgt Ion:149 Resp: 488823

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

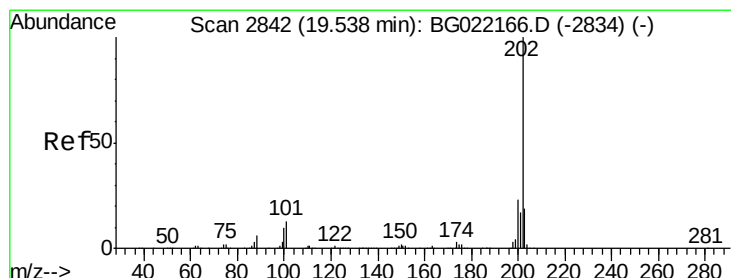
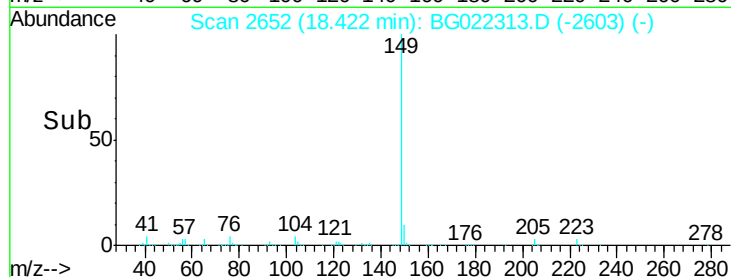
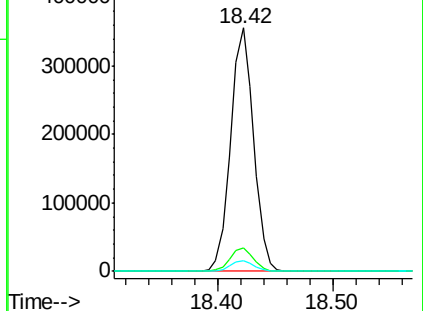
104 4.4 4.0 6.0



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: 39.79 ng

RT: 19.53 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

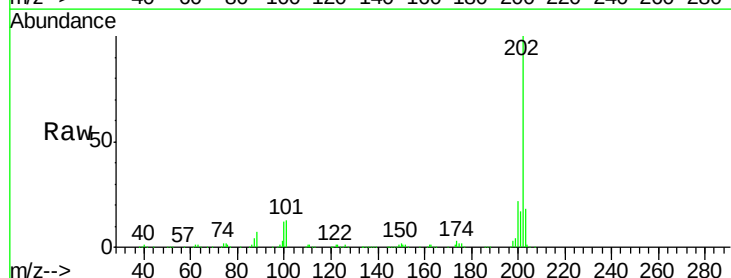
Tgt Ion:202 Resp: 435083

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.0

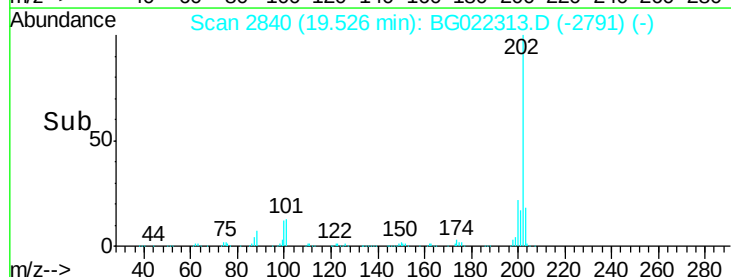
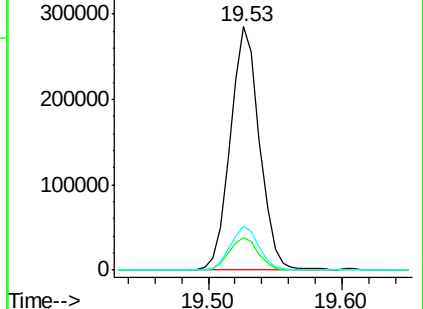
203 18.1 0.0 37.9

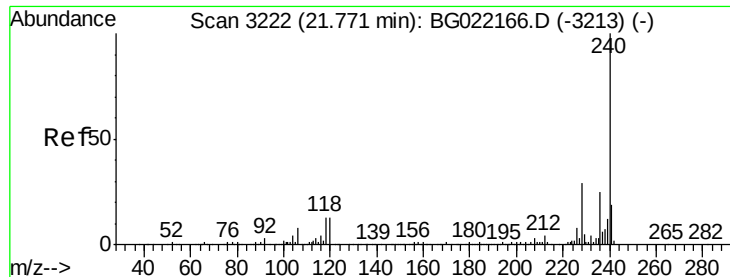


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

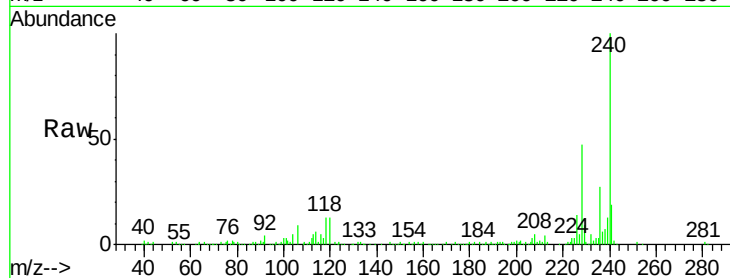
Tgt Ion:240 Resp: 156684

Ion Ratio Lower Upper

240 100

120 13.4 8.4 12.6#

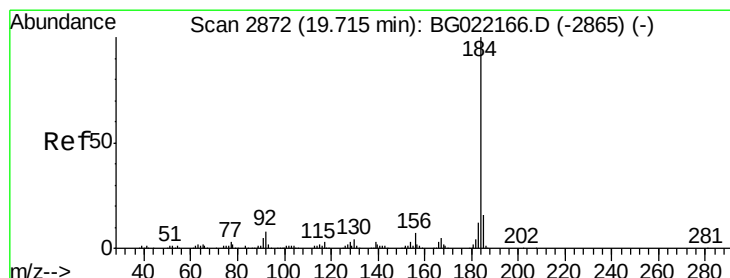
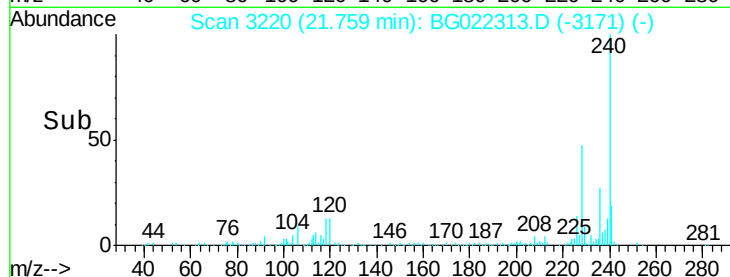
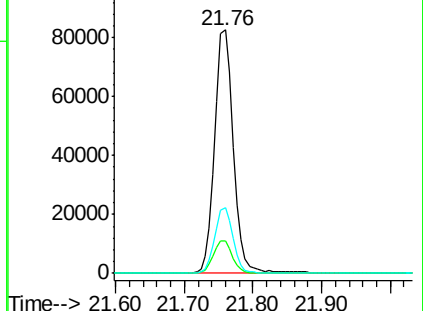
236 26.9 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.59 ng

RT: 19.71 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

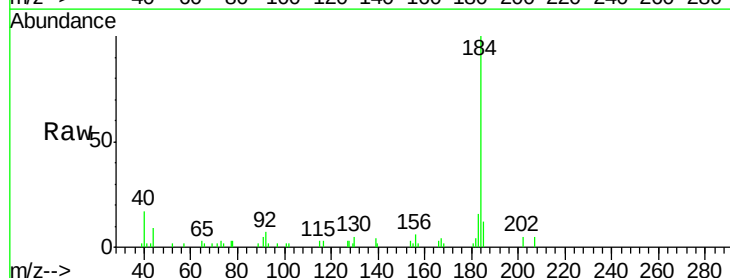
Tgt Ion:184 Resp: 22885

Ion Ratio Lower Upper

184 100

185 11.5 11.5 17.3

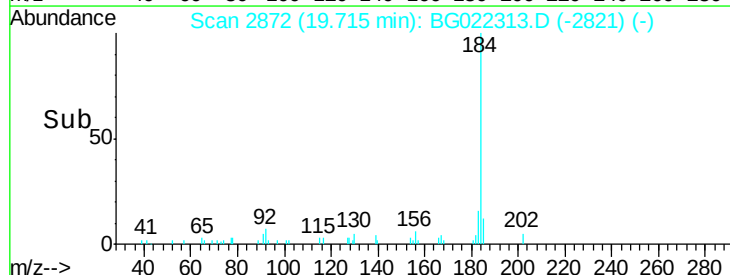
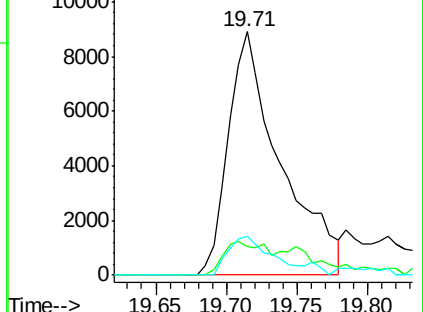
183 15.8 10.2 15.4#

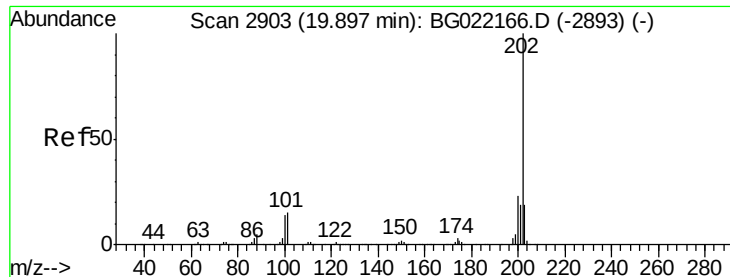


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

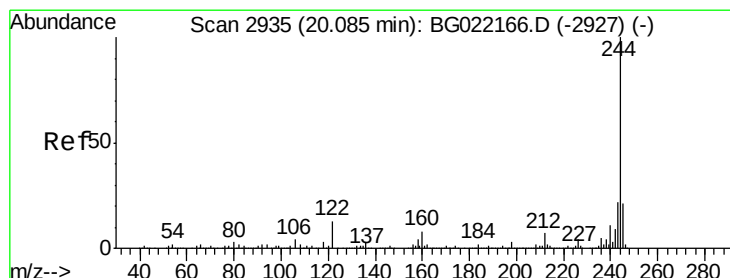
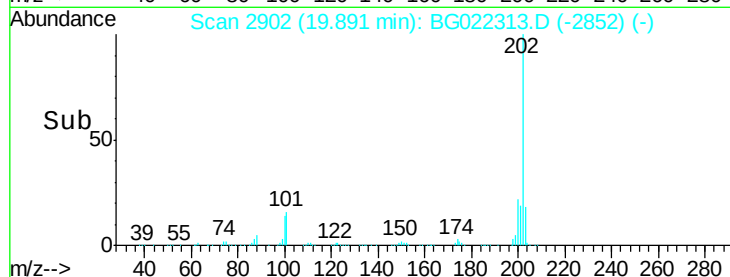
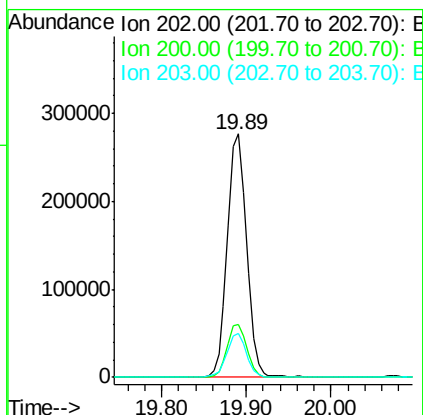
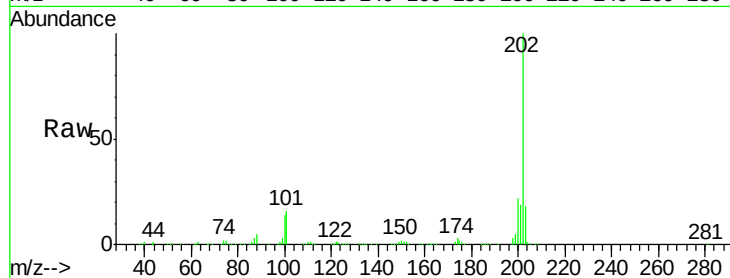




#77
 Pyrene
 Concen: 44.70 ng
 RT: 19.89 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

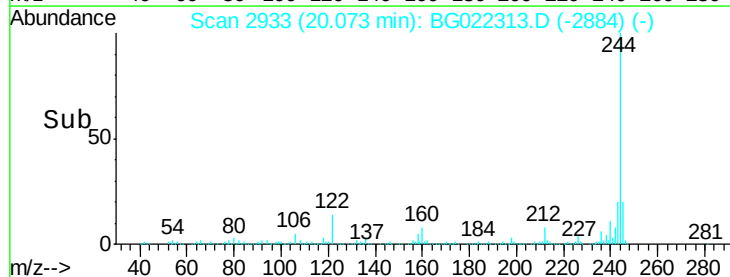
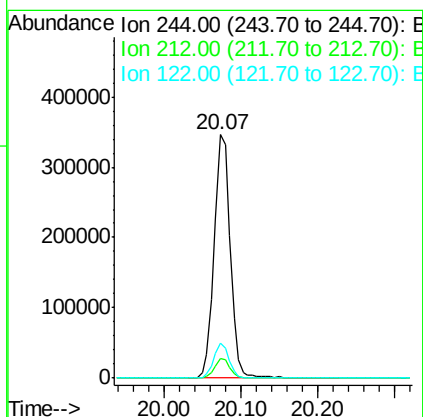
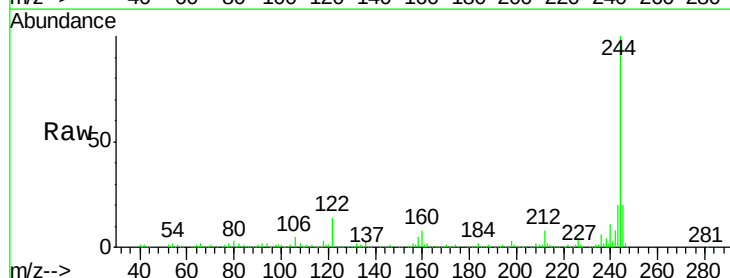
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

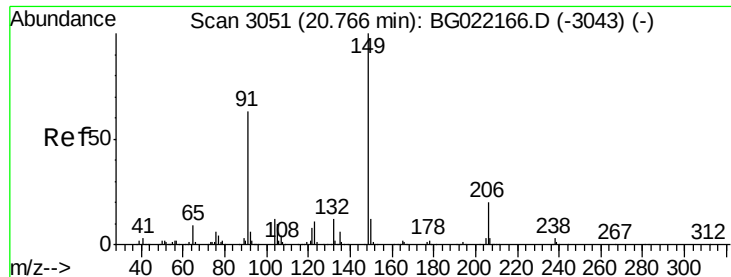
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.2	27.2
203	18.2	15.0	22.4



#78
 Terphenyl-d14
 Concen: 75.43 ng
 RT: 20.07 min Scan# 2933
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	14.3	8.6	12.8

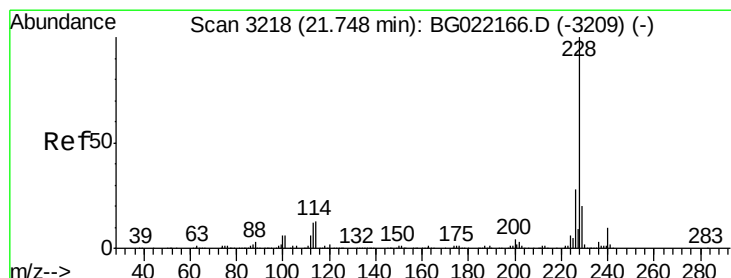
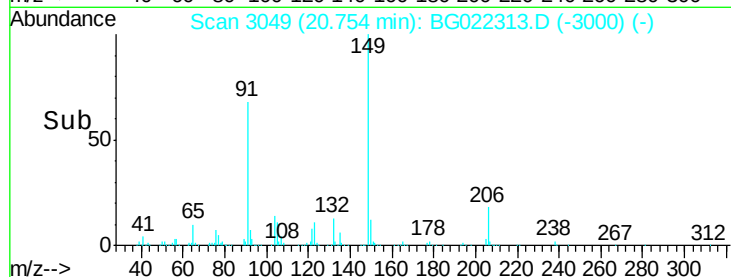
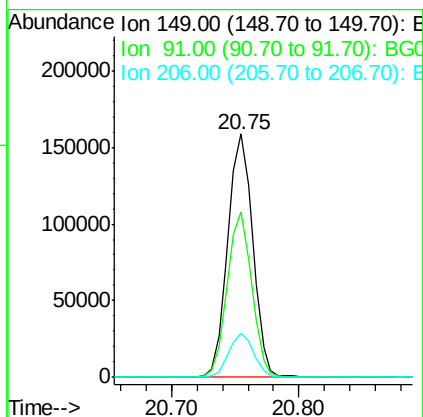
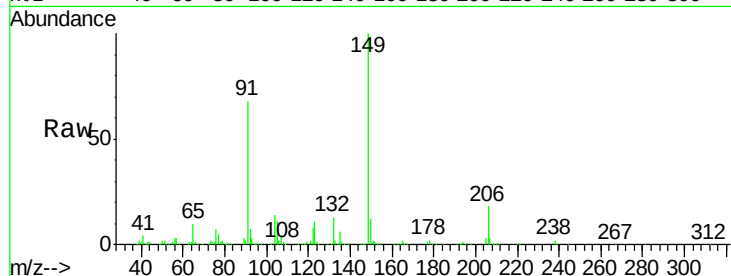




#79
Butylbenzylphthalate
Concen: 47.92 ng
RT: 20.75 min Scan# 3049
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

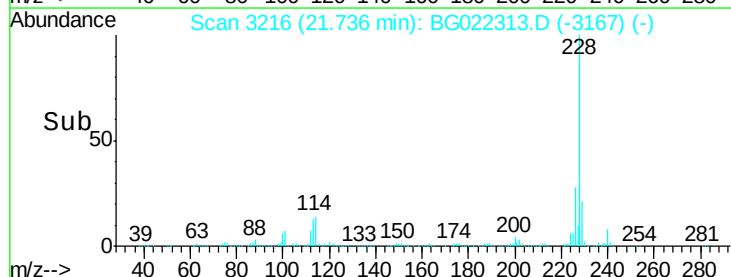
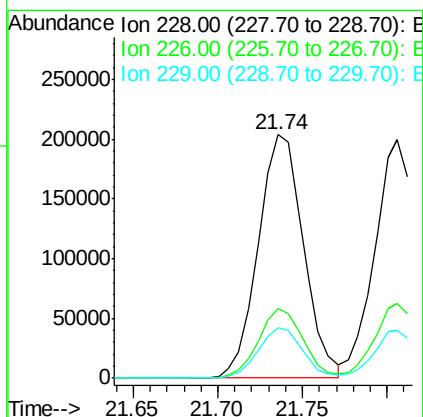
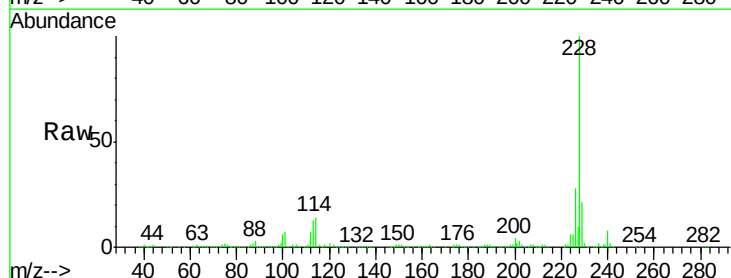
Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

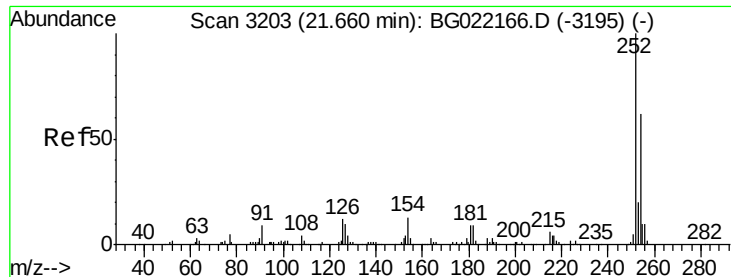
Tgt Ion:149 Resp: 216462
Ion Ratio Lower Upper
149 100
91 68.0 57.8 86.8
206 17.9 17.0 25.4



#80
Benzo(a)anthracene
Concen: 42.81 ng
RT: 21.74 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:228 Resp: 376158
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.7 16.1 24.1

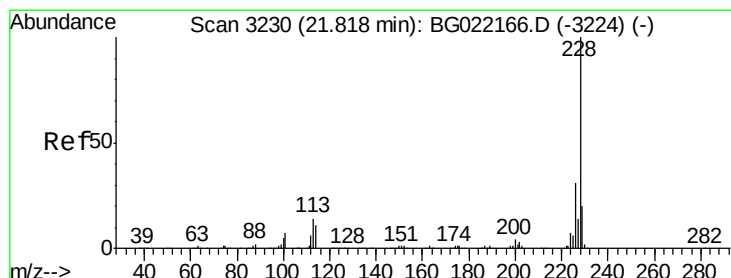
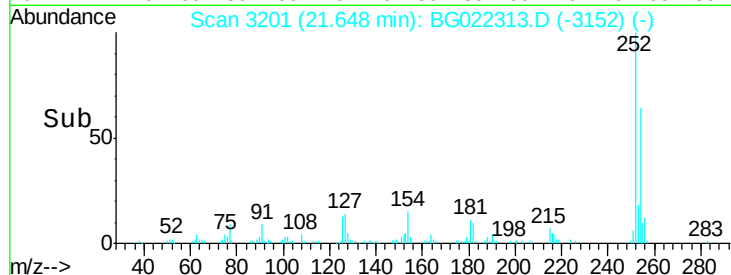
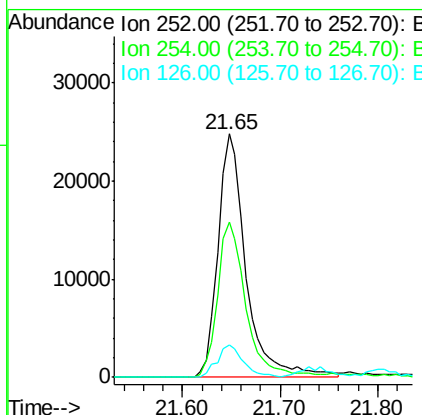
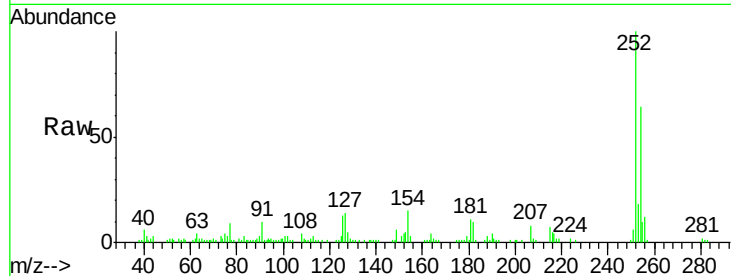




#81
 3,3'-Dichlorobenzidine
 Concen: 19.99 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

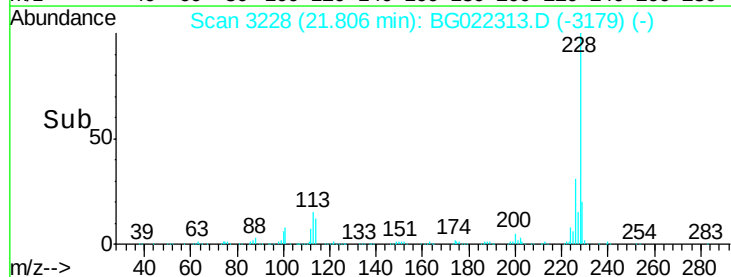
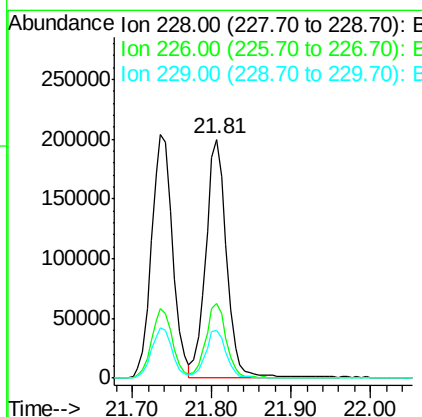
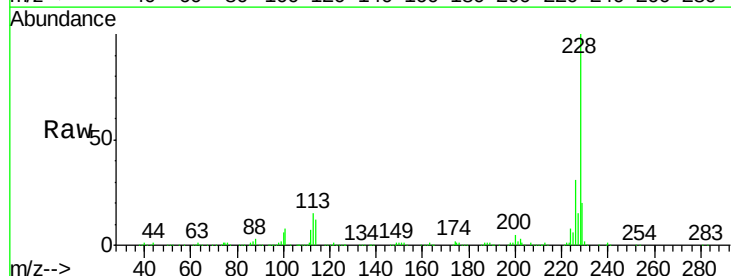
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

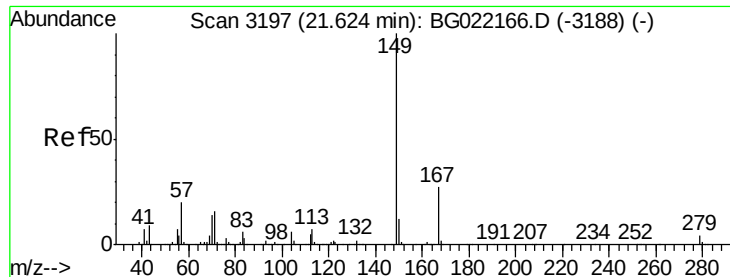
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.8	77.6
126	13.5	8.8	13.2#



#82
 Chrysene
 Concen: 42.15 ng
 RT: 21.81 min Scan# 3228
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	19.9	15.9	23.9

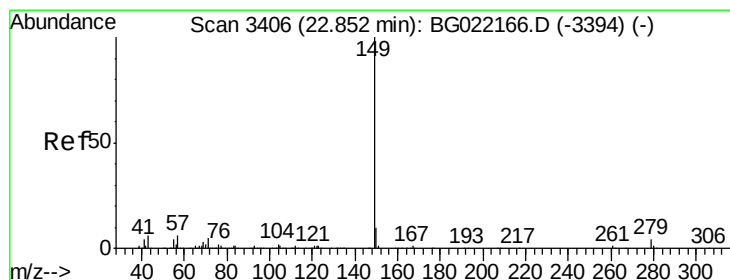
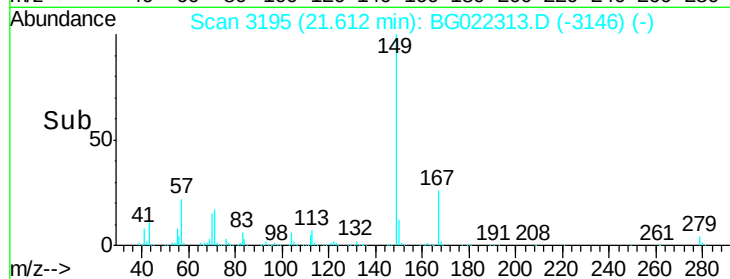
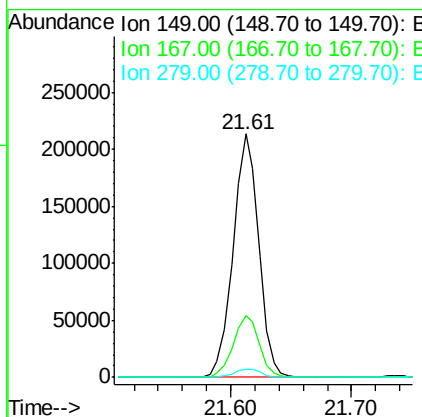
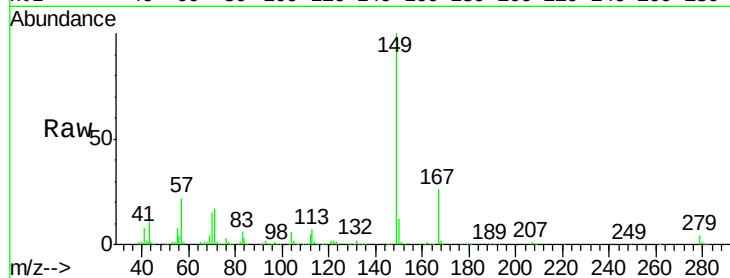




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.29 ng
 RT: 21.61 min Scan# 3195
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

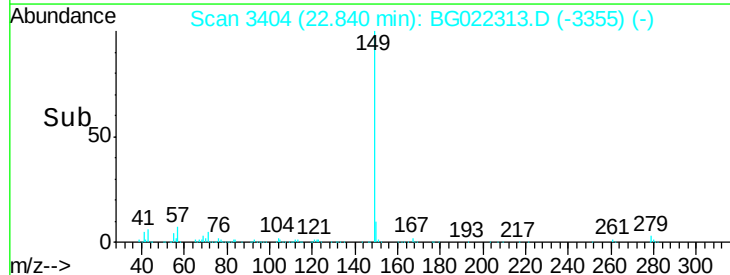
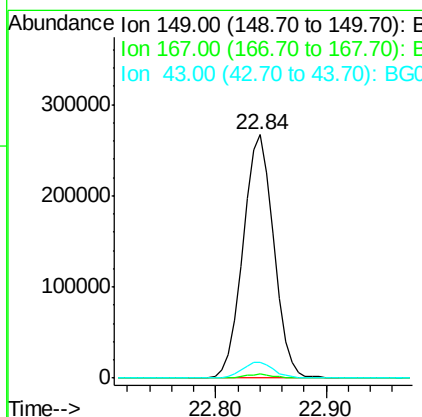
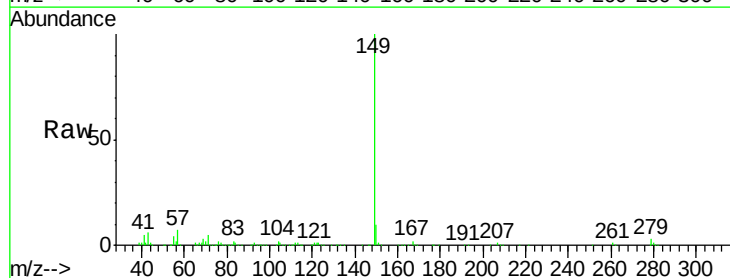
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

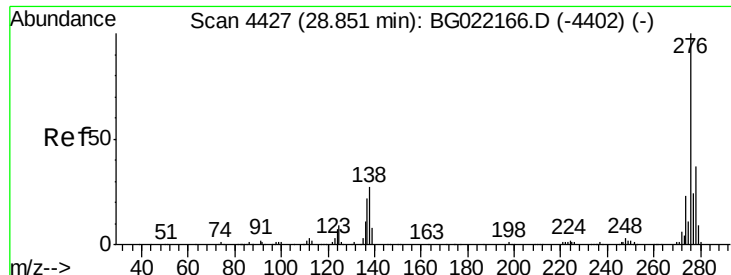
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.4	33.6
279	3.5	3.2	4.8



#84
 Di-n-octyl phthalate
 Concen: 47.28 ng
 RT: 22.84 min Scan# 3404
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.7	9.8	14.6#

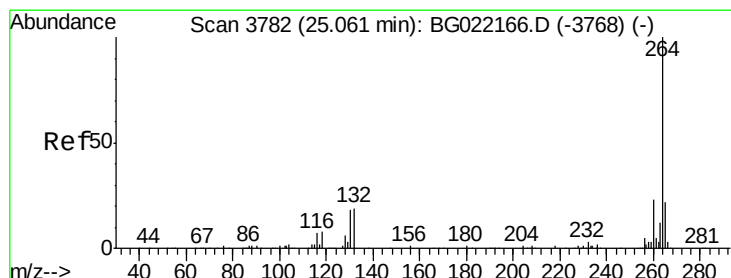
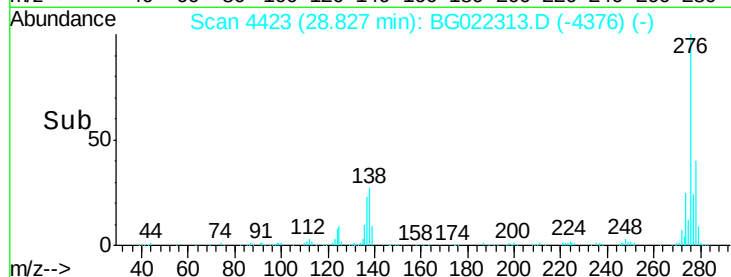
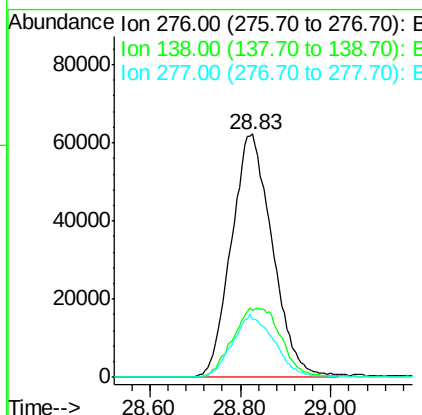
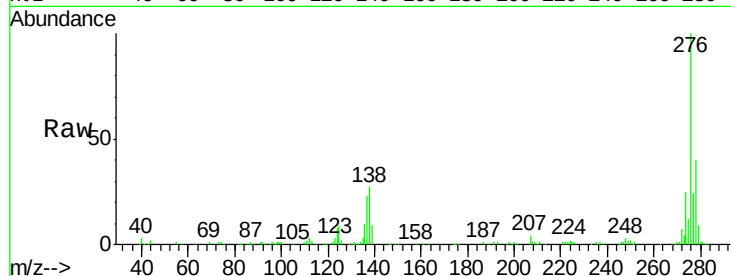




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.83 ng
 RT: 28.83 min Scan# 4423
 Delta R.T. -0.02 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

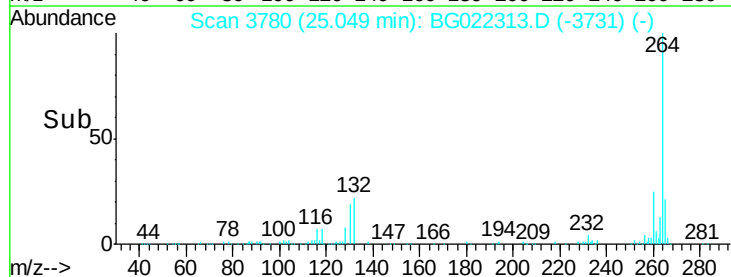
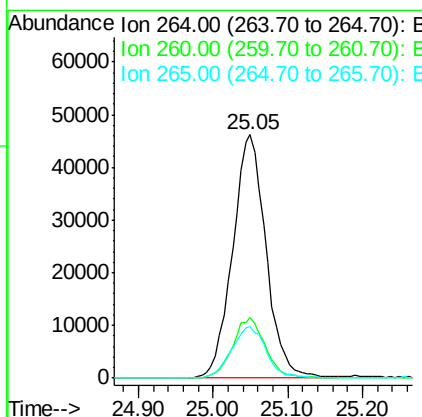
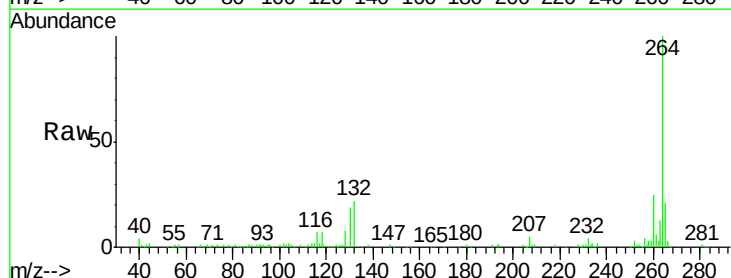
Instrument :
 BNA_G
 ClientSampleId :
 18-VE-PILE-WALL(0-2)MSD

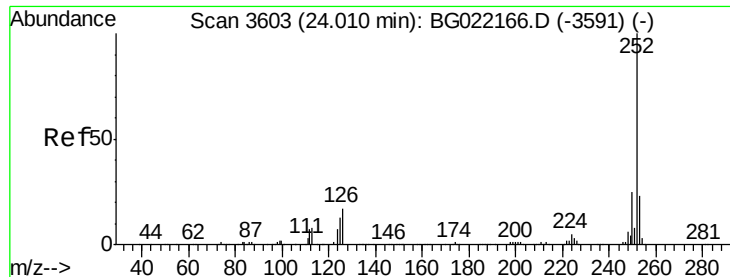
Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	14.0	21.0
277	26.0	20.6	30.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.05 min Scan# 3780
 Delta R.T. -0.01 min
 Lab File: BG022313.D
 Acq: 11 Jun 2016 8:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.4
265	21.5	17.8	26.8

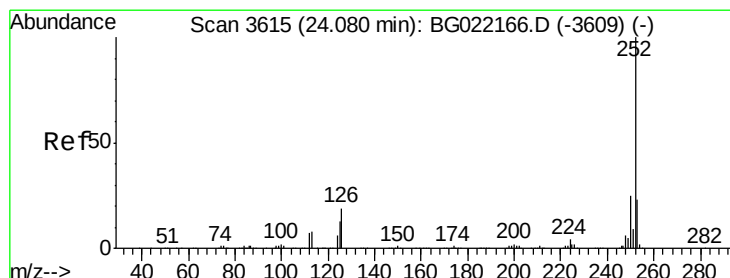
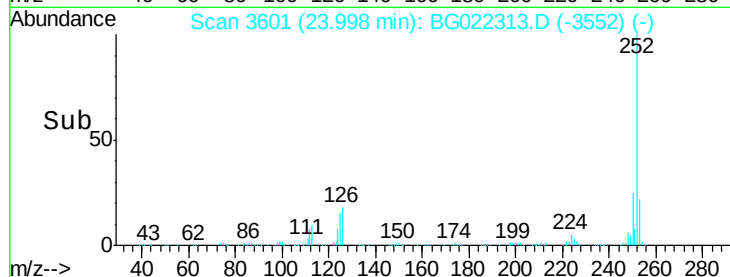
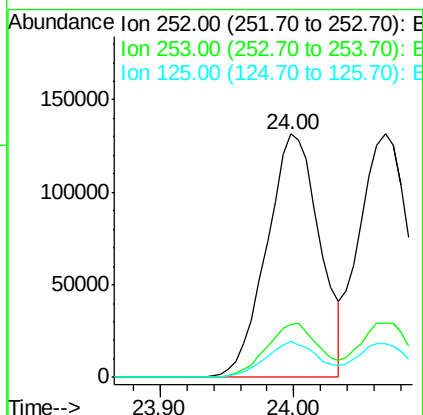
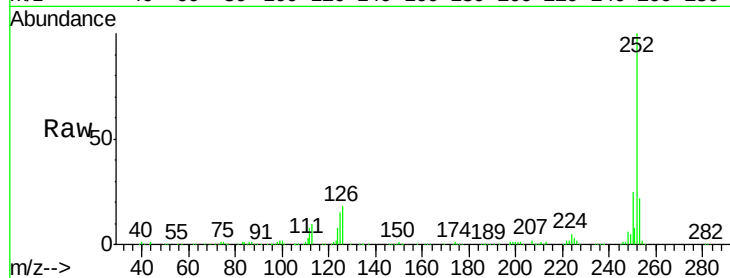




#87
Benzo(b)fluoranthene
Concen: 43.32 ng
RT: 24.00 min Scan# 3601
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

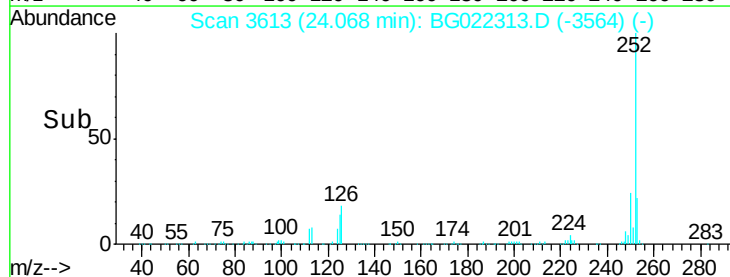
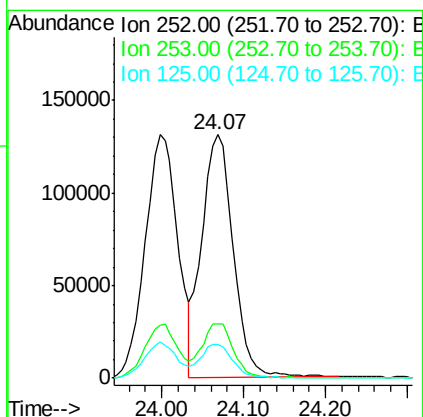
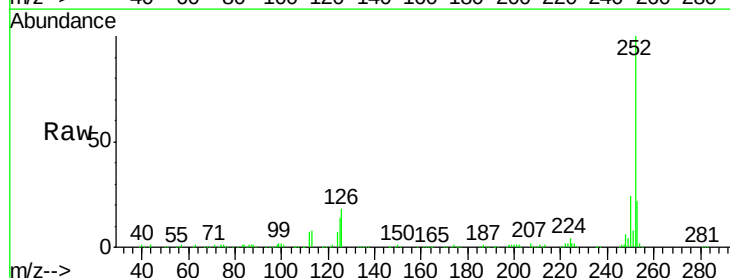
Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MSD

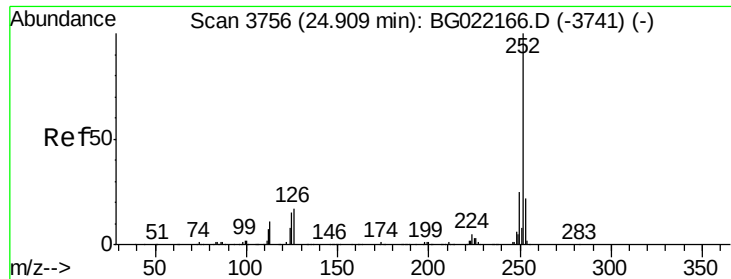
Tgt Ion:252 Resp: 362930
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 15.0 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 42.36 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.01 min
Lab File: BG022313.D
Acq: 11 Jun 2016 8:36

Tgt Ion:252 Resp: 349335
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 13.9 8.3 12.5#





#89

Benzo(a)pyrene

Concen: 43.20 ng

RT: 24.90 min Scan# 3754

Delta R.T. -0.01 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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

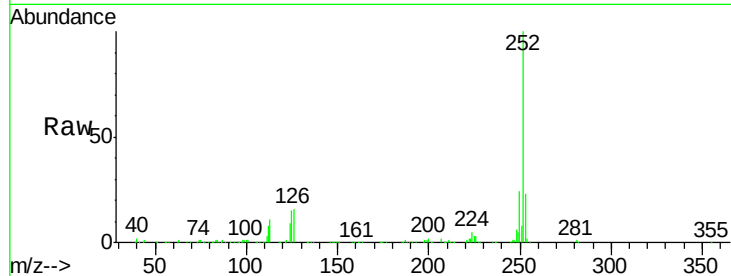
Tgt Ion:252 Resp: 346033

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

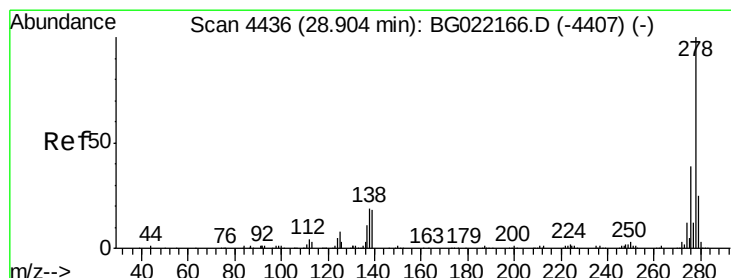
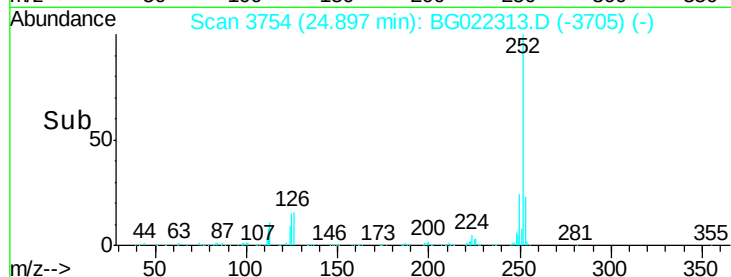
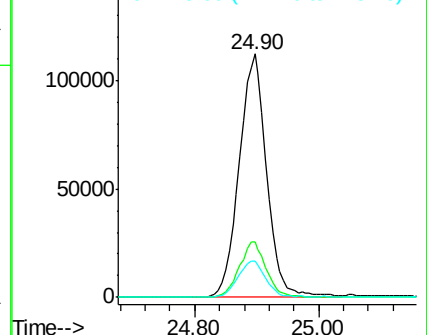
125 14.7 9.6 14.4#



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: 42.94 ng

RT: 28.88 min Scan# 4432

Delta R.T. -0.02 min

Lab File: BG022313.D

Acq: 11 Jun 2016 8:36

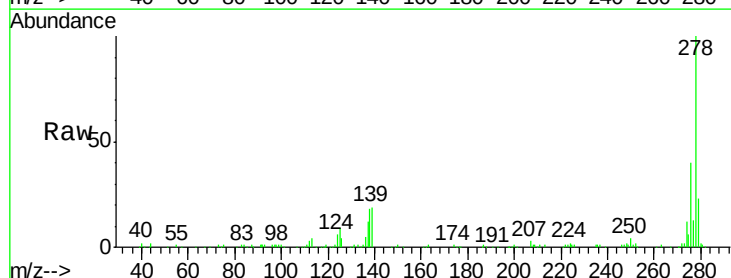
Tgt Ion:278 Resp: 323941

Ion Ratio Lower Upper

278 100

139 18.8 11.9 17.9#

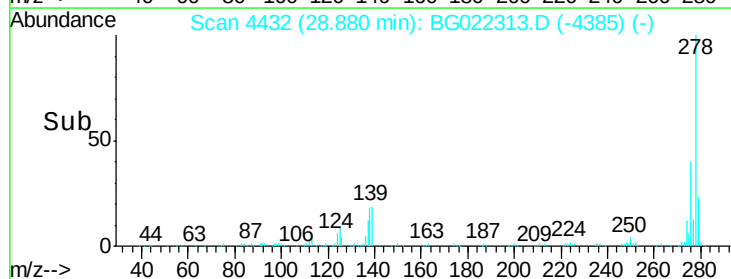
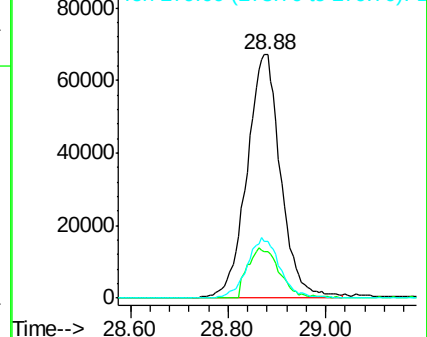
279 23.0 18.2 27.2

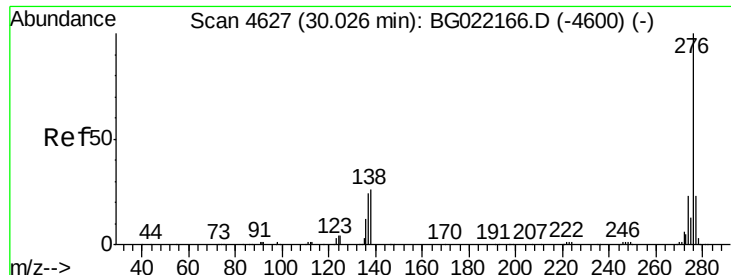


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.50 ng

RT: 30.01 min Scan# 4624

Delta R.T. -0.02 min

Lab File: BG022313.D

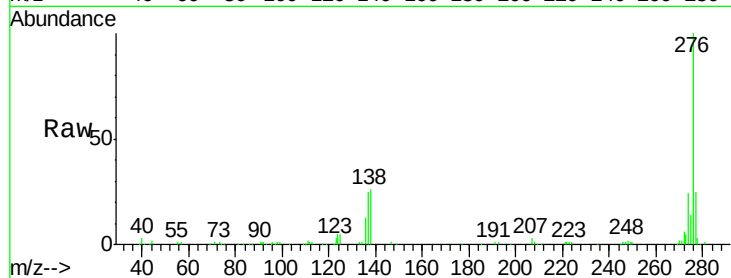
Acq: 11 Jun 2016 8:36

Instrument :

BNA_G

ClientSampleId :

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



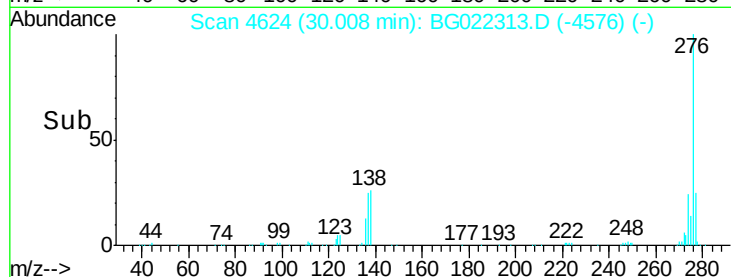
Tgt Ion: 276 Resp: 325715

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 26.2 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

