

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041916\
 Data File : BG021752.D
 Acq On : 19 Apr 2016 2:56
 Operator : UM/SJ
 Sample : H2503-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Quant Time: Apr 19 04:29:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	42372	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	196074	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	112165	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	204519	20.00	ng	0.00
75) Chrysene-d12	21.84	240	225171	20.00	ng	0.00
86) Perylene-d12	25.17	264	225957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	367048	144.25	ng	0.00
7) Phenol-d6	7.38	99	558502	146.95	ng	0.02
23) Nitrobenzene-d5	9.39	82	343793	90.12	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	144656	119.66	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	735118	96.03	ng	0.00
78) Terphenyl-d14	20.14	244	777767	86.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	29326	25.89	ng	# 86
3) Pyridine	4.03	79	93580	27.53	ng	# 88
4) n-Nitrosodimethylamine	3.95	42	53441	31.73	ng	# 80
6) Aniline	7.54	93	51326	10.21	ng	94
8) 2-Chlorophenol	7.78	128	127036	41.65	ng	94
9) Benzaldehyde	7.35	77	38099	17.34	ng	84
10) Phenol	7.40	94	175524	42.94	ng	98
11) bis(2-Chloroethyl)ether	7.63	93	122574	37.46	ng	92
12) 1,3-Dichlorobenzene	8.10	146	131901	38.72	ng	94
13) 1,4-Dichlorobenzene	8.25	146	131930	38.04	ng	95
14) 1,2-Dichlorobenzene	8.57	146	130770	39.30	ng	96
15) Benzyl Alcohol	8.45	79	124845	42.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.74	45	233766	33.36	ng	98
17) 2-Methylphenol	8.65	107	121434	42.96	ng	95
18) Hexachloroethane	9.30	117	49437	39.17	ng	# 74
19) n-Nitroso-di-n-propylamine	9.02	70	109975	37.24	ng	92
20) 3+4-Methylphenols	8.99	107	169470	43.82	ng	97
22) Acetophenone	9.04	105	200146	36.65	ng	# 97
24) Nitrobenzene	9.43	77	155859	38.16	ng	94
25) Isophorone	9.94	82	301785	36.15	ng	99
26) 2-Nitrophenol	10.14	139	70747	45.37	ng	98
27) 2,4-Dimethylphenol	10.19	122	129065	36.44	ng	99
28) bis(2-Chloroethoxy)methane	10.42	93	181479	40.91	ng	92
29) 2,4-Dichlorophenol	10.67	162	134552	44.55	ng	99
30) 1,2,4-Trichlorobenzene	10.89	180	138886	42.77	ng	91
31) Naphthalene	11.08	128	420782	40.10	ng	# 94
32) Benzoic acid	10.19	122	129065	59.20	ng	# 13
33) 4-Chloroaniline	11.18	127	53599	11.80	ng	98
34) Hexachlorobutadiene	11.35	225	88375	42.19	ng	99
35) Caprolactam	11.96	113	43181	31.24	ng	97
36) 4-Chloro-3-methylphenol	12.30	107	149504	39.37	ng	96
37) 2-Methylnaphthalene	12.67	142	306202	42.51	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	156413	44.62	ng	99
40) Hexachlorocyclopentadiene	13.01	237	110478	56.74	ng	98

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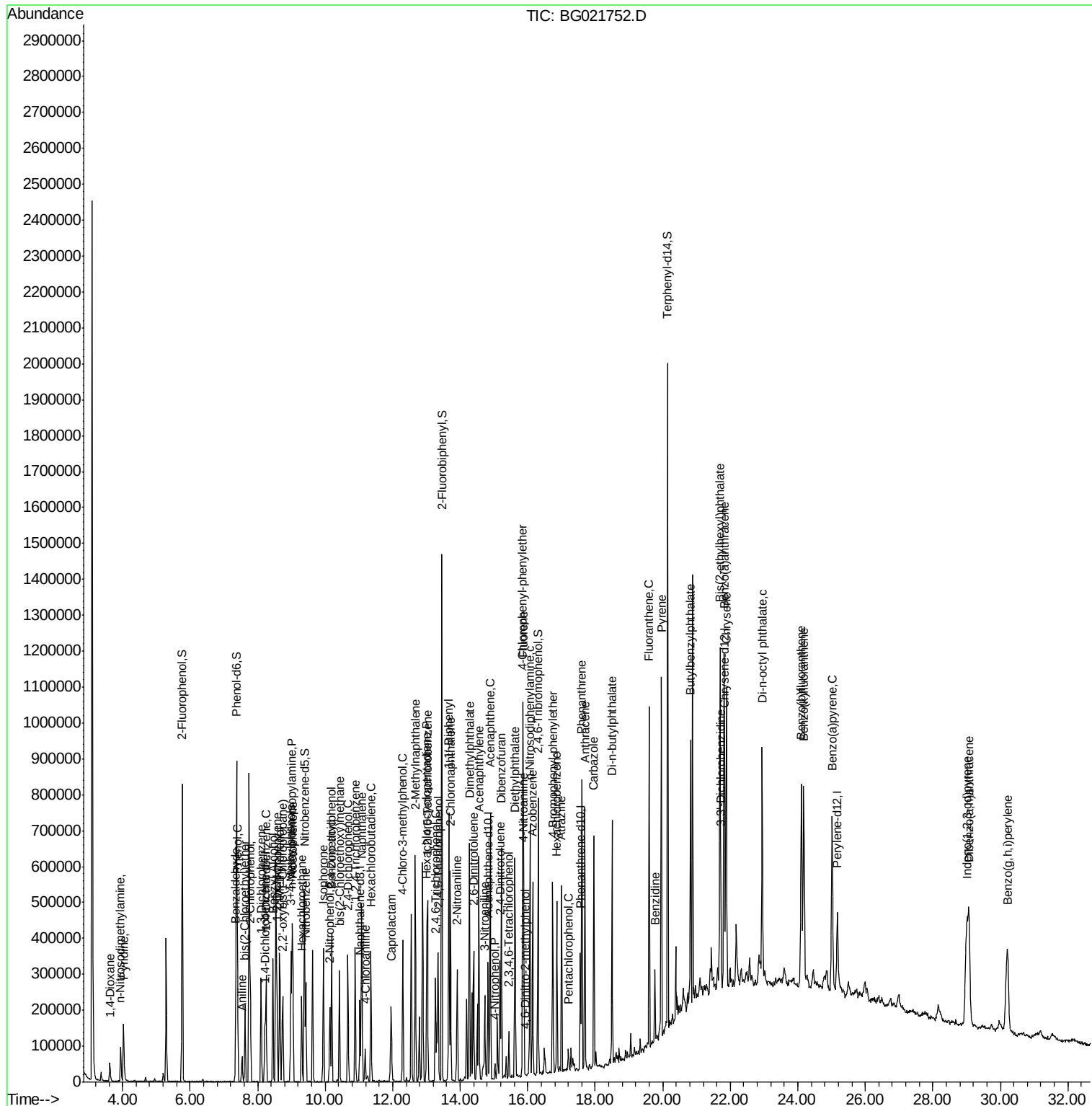
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	71847	32.14	ng	98
43) 2,4,5-Trichlorophenol	13.35	196	98919	41.01	ng	97
45) 1,1'-Biphenyl	13.66	154	385105	40.75	ng	97
46) 2-Chloronaphthalene	13.71	162	294166	42.10	ng	99
47) 2-Nitroaniline	13.91	65	96962	40.47	ng	96
48) Acenaphthylene	14.55	152	460081	39.83	ng	98
49) Dimethylphthalate	14.27	163	447276	46.12	ng	# 98
50) 2,6-Dinitrotoluene	14.40	165	79707	43.10	ng	97
51) Acenaphthene	14.89	154	283658	38.41	ng	99
52) 3-Nitroaniline	14.73	138	55191	26.91	ng	96
54) Dibenzofuran	15.22	168	433143	42.96	ng	99
55) 4-Nitrophenol	15.03	139	10729	6.11	ng	96
56) 2,4-Dinitrotoluene	15.17	165	100558	40.24	ng	98
57) Fluorene	15.87	166	339054	37.65	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	27377	13.68	ng	99
59) Diethylphthalate	15.62	149	349577	34.53	ng	96
60) 4-Chlorophenyl-phenylether	15.85	204	170598	38.46	ng	98
61) 4-Nitroaniline	15.88	138	71935	31.88	ng	97
62) Azobenzene	16.14	77	322801	37.21	ng	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	382	5.80	ng	# 63
65) n-Nitrosodiphenylamine	16.07	169	289661	47.22	ng	96
66) 4-Bromophenyl-phenylether	16.74	248	102999	47.01	ng	97
67) Hexachlorobenzene	16.87	284	106270	45.94	ng	92
68) Atrazine	17.00	200	98349	40.60	ng	97
69) Pentachlorophenol	17.21	266	9988	7.56	ng	91
70) Phenanthrene	17.61	178	528034	46.85	ng	98
71) Anthracene	17.69	178	475039	41.51	ng	97
72) Carbazole	17.96	167	428498	40.12	ng	99
73) Di-n-butylphthalate	18.50	149	509268	37.49	ng	99
74) Fluoranthene	19.60	202	610337	45.35	ng	98
76) Benzidine	19.77	184	118932	16.96	ng	98
77) Pyrene	19.96	202	615107	47.38	ng	100
79) Butylbenzylphthalate	20.83	149	237964	39.48	ng	97
80) Benzo(a)anthracene	21.81	228	580771	44.82	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	87530	8.53	ng	97
82) Chrysene	21.88	228	537273	43.16	ng	98
83) Bis(2-ethylhexyl)phthalate	21.70	149	364629	41.36	ng	100
84) Di-n-octyl phthalate	22.95	149	598240	40.51	ng	97
85) Indeno(1,2,3-cd)pyrene	29.00	276	641587	43.35	ng	98
87) Benzo(b)fluoranthene	24.11	252	589742	44.98	ng	99
88) Benzo(k)fluoranthene	24.17	252	532476	41.53	ng	99
89) Benzo(a)pyrene	25.02	252	557515	43.89	ng	97
90) Dibenzo(a,h)anthracene	29.07	278	526414	41.33	ng	99
91) Benzo(g,h,i)perylene	30.21	276	535497	42.85	ng	97

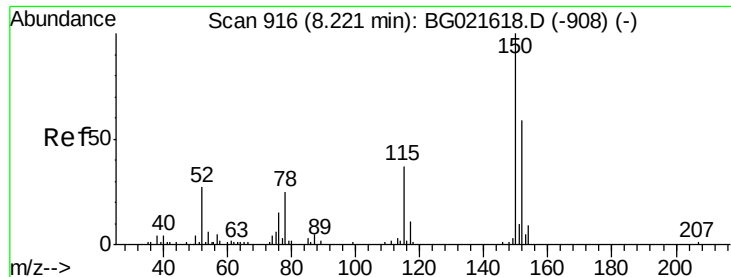
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

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Acq: 19 Apr 2016 2:56

Instrument :

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ClientSampleId :

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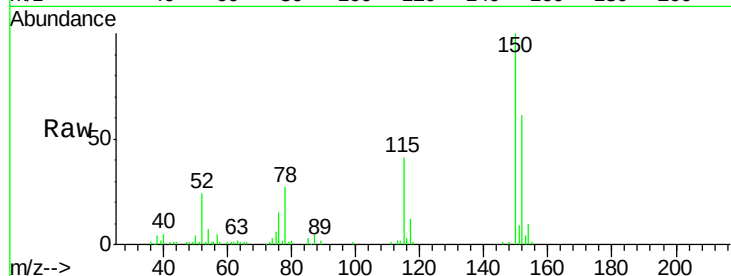
Tgt Ion:152 Resp: 42372

Ion Ratio Lower Upper

152 100

150 163.5 130.1 195.1

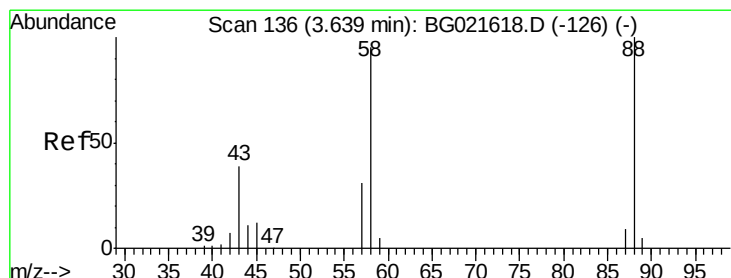
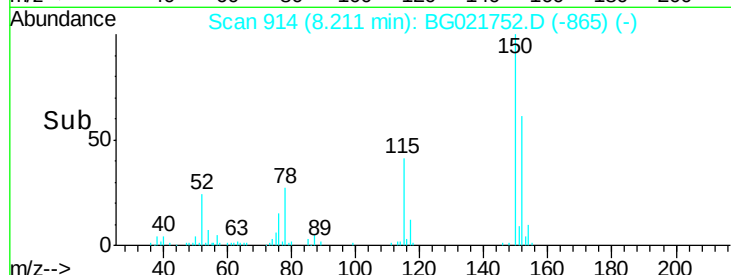
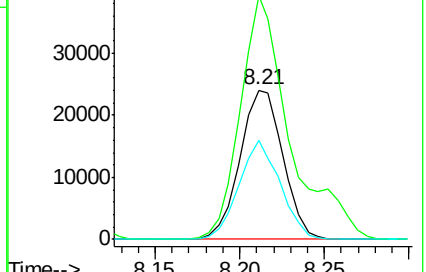
115 66.2 62.2 93.2



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: 25.89 ng

RT: 3.62 min Scan# 133

Delta R.T. -0.02 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

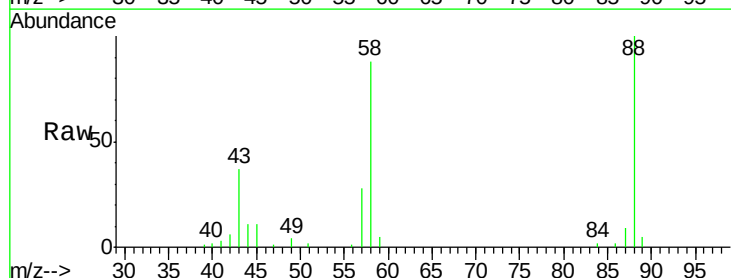
Tgt Ion: 88 Resp: 29326

Ion Ratio Lower Upper

88 100

58 93.6 61.8 92.8#

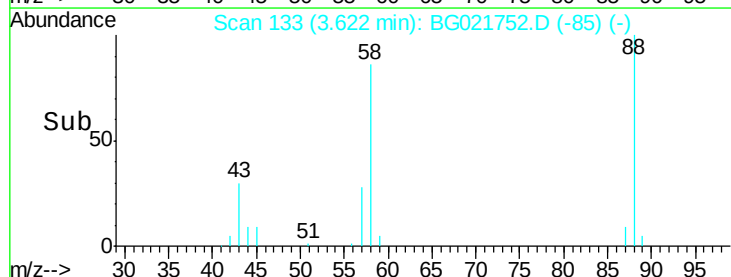
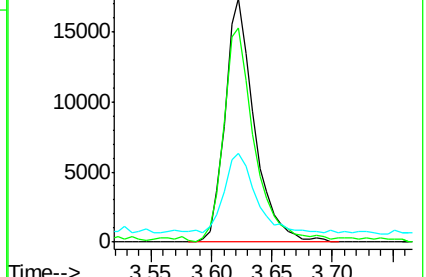
43 35.5 27.3 40.9

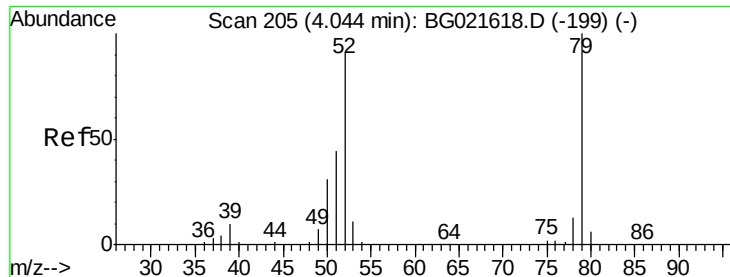


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.53 ng

RT: 4.03 min Scan# 202

Delta R.T. -0.02 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

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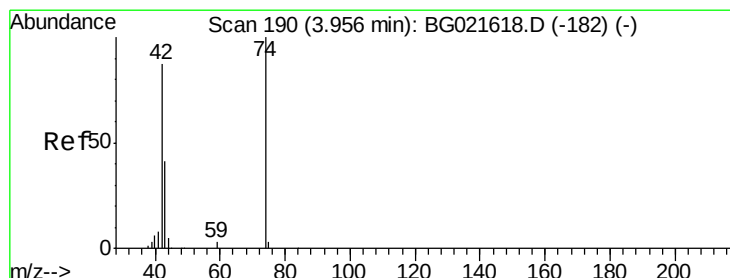
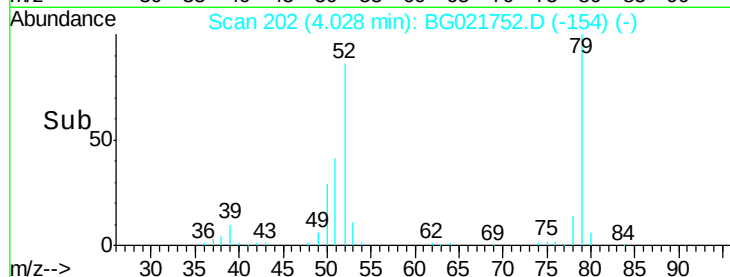
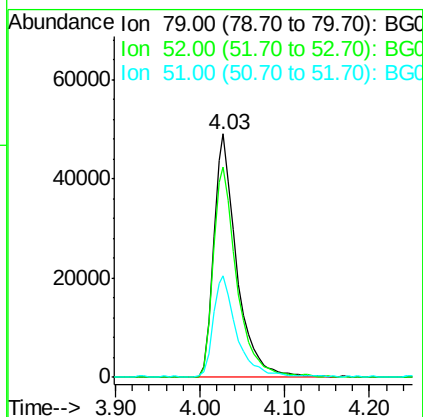
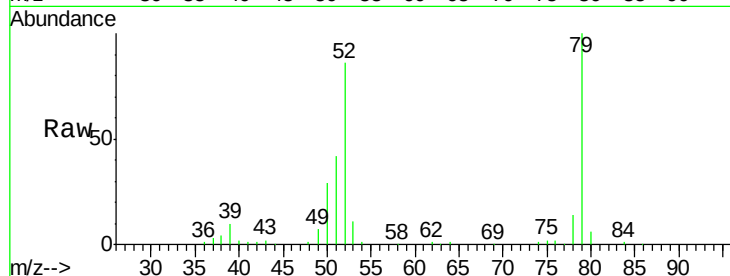
Tgt Ion: 79 Resp: 93580

Ion Ratio Lower Upper

79 100

52 86.3 77.2 115.8

51 41.9 42.5 63.7#



#4

n-Nitrosodimethylamine

Concen: 31.73 ng

RT: 3.95 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

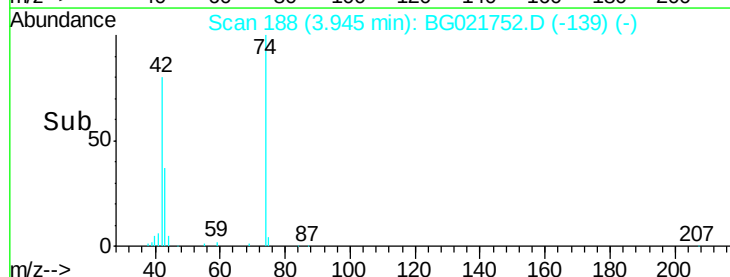
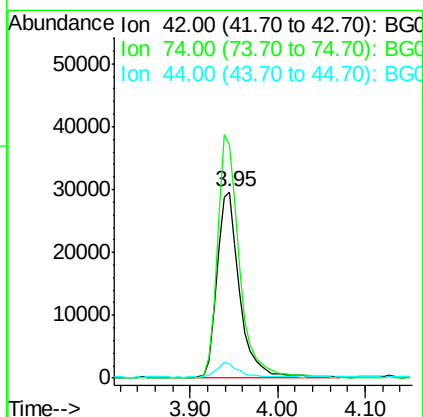
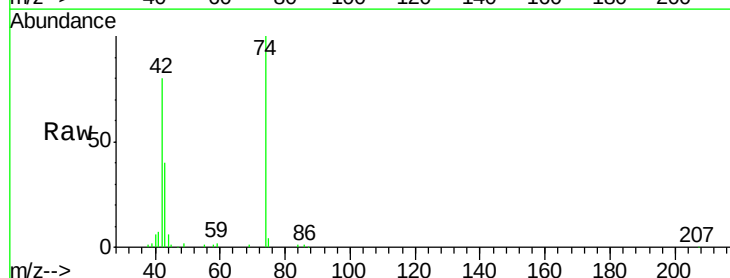
Tgt Ion: 42 Resp: 53441

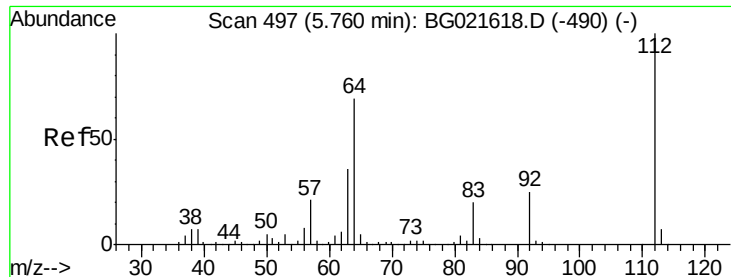
Ion Ratio Lower Upper

42 100

74 125.3 83.0 124.4#

44 7.8 11.0 16.6#





#5

2-Fluorophenol

Concen: 144.25 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

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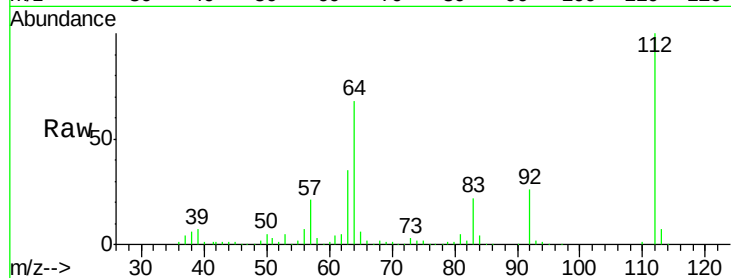
Tgt Ion: 112 Resp: 367048

Ion Ratio Lower Upper

112 100

64 68.5 51.1 76.7

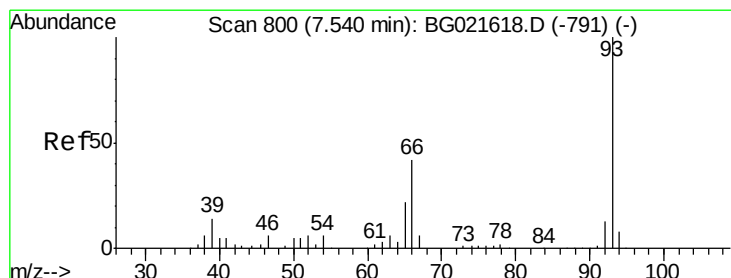
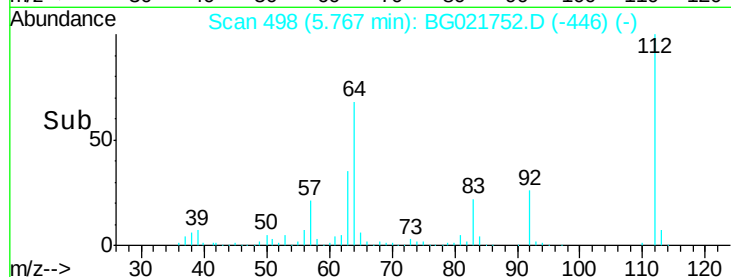
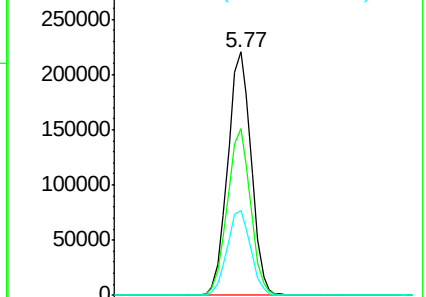
63 35.1 24.6 37.0



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: 10.21 ng

RT: 7.54 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

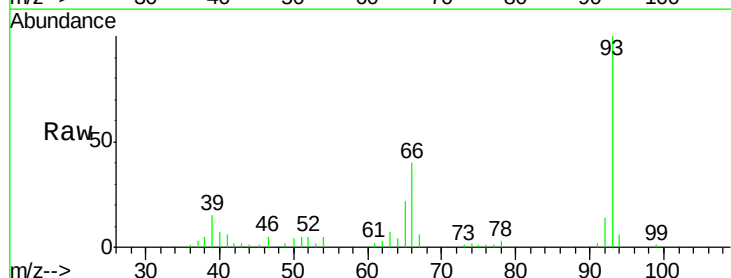
Tgt Ion: 93 Resp: 51326

Ion Ratio Lower Upper

93 100

66 40.3 36.3 54.5

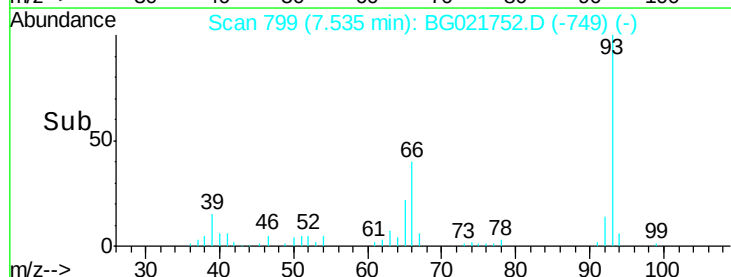
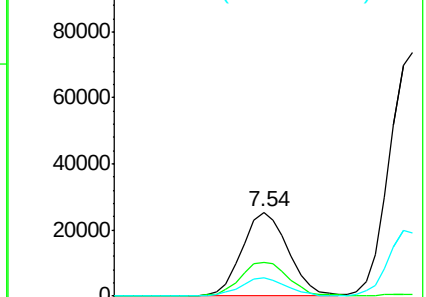
65 21.8 18.4 27.6

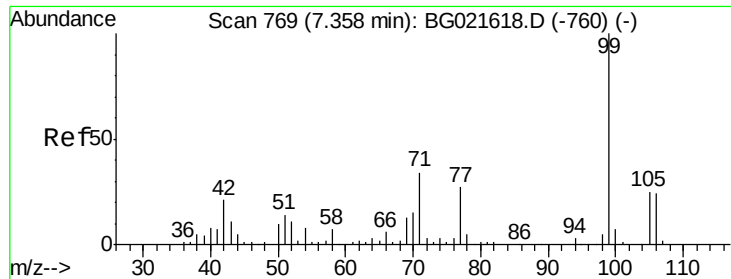


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.95 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

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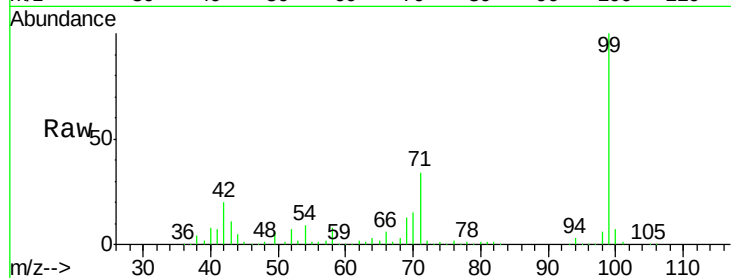
Tgt Ion: 99 Resp: 558502

Ion Ratio Lower Upper

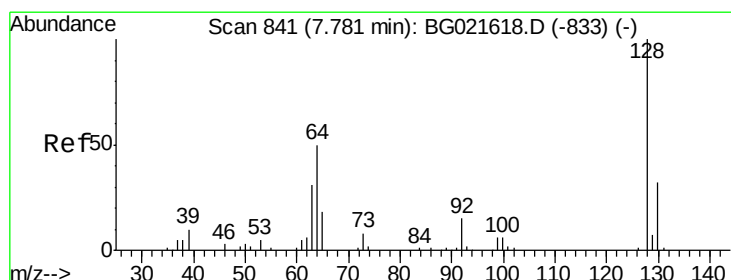
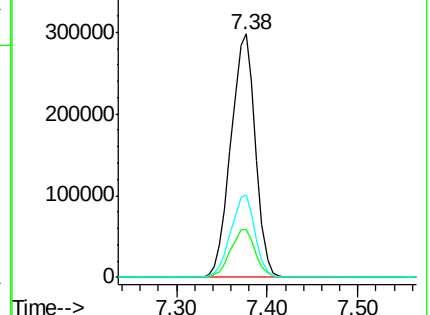
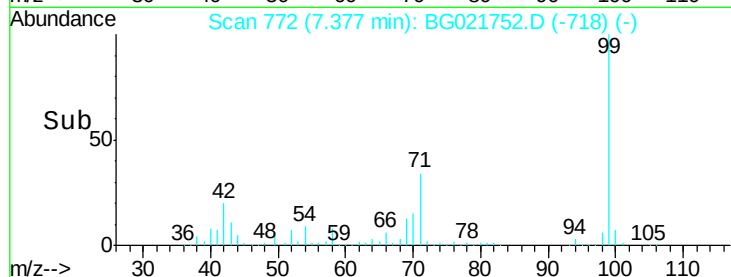
99 100

42 19.6 16.4 24.6

71 33.8 25.0 37.4



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



#8

2-Chlorophenol

Concen: 41.65 ng

RT: 7.78 min Scan# 841

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

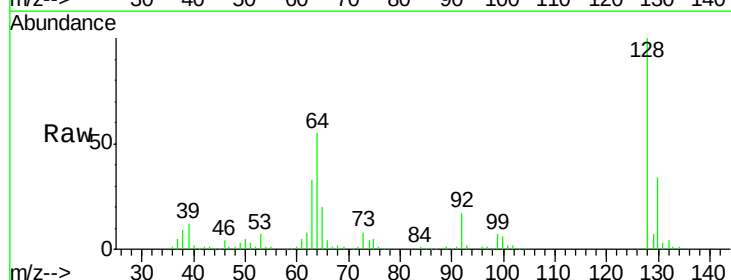
Tgt Ion: 128 Resp: 127036

Ion Ratio Lower Upper

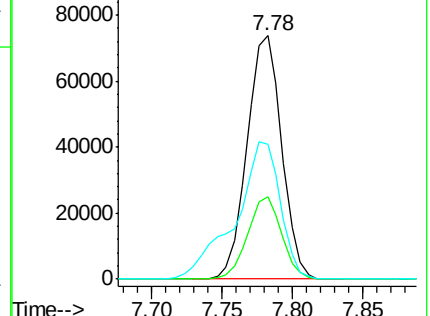
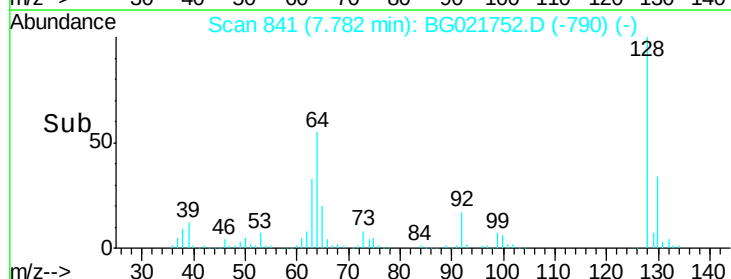
128 100

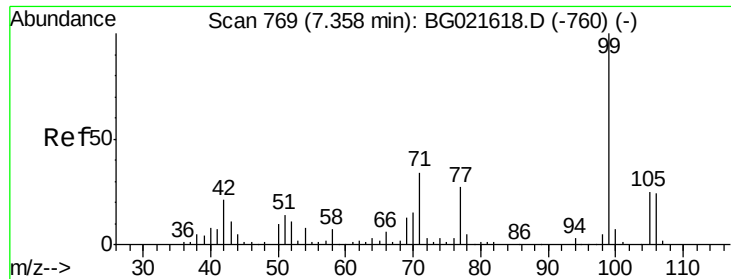
130 33.9 11.2 51.2

64 55.2 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: 17.34 ng

RT: 7.35 min Scan# 767

Delta R.T. -0.01 min

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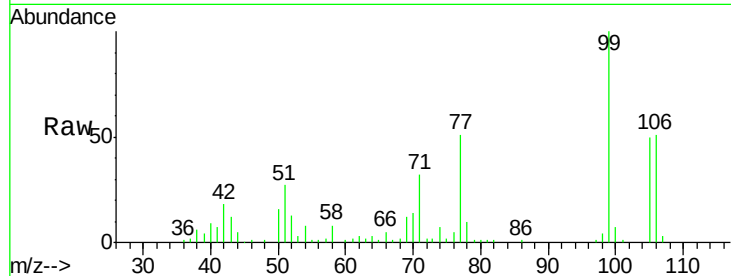
Tgt Ion: 77 Resp: 38099

Ion Ratio Lower Upper

77 100

105 97.8 62.1 102.1

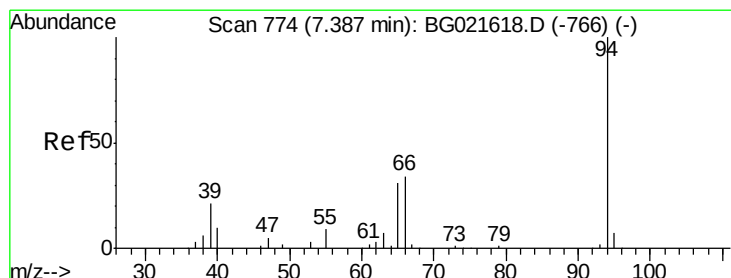
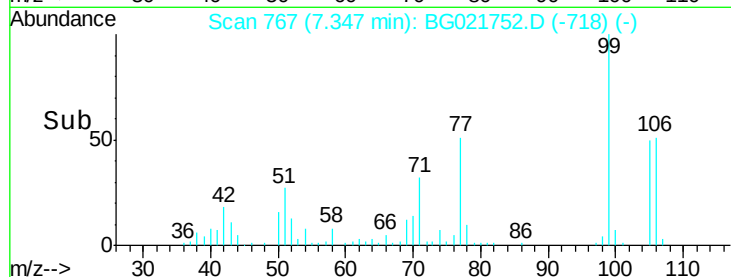
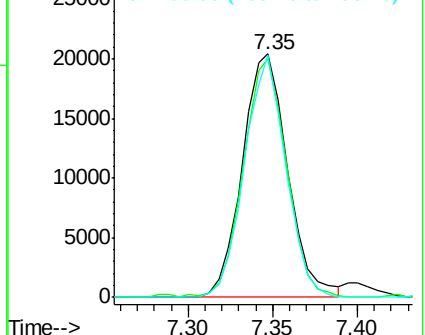
106 99.3 65.6 105.6



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: 42.94 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG021752.D

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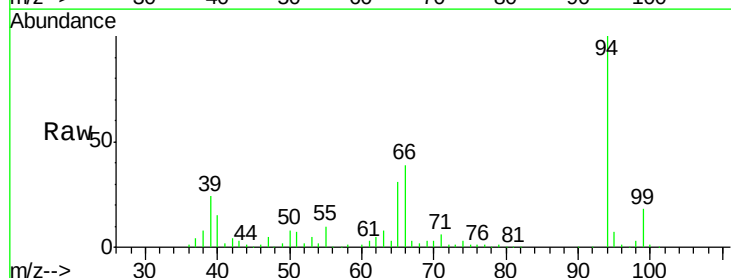
Tgt Ion: 94 Resp: 175524

Ion Ratio Lower Upper

94 100

65 31.0 9.8 49.8

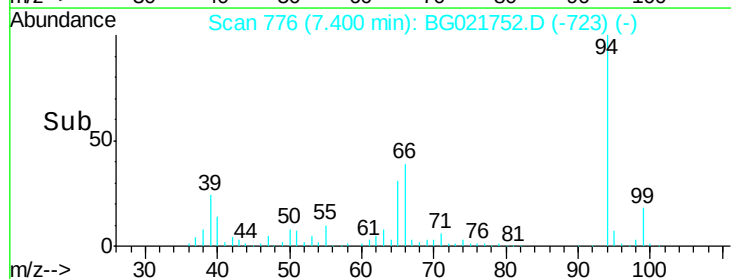
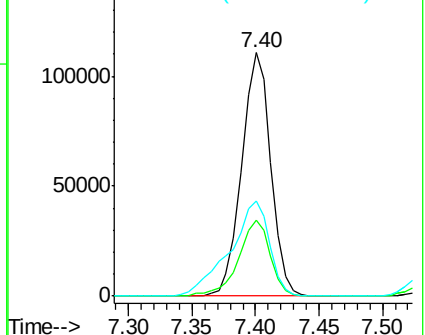
66 39.2 20.8 60.8

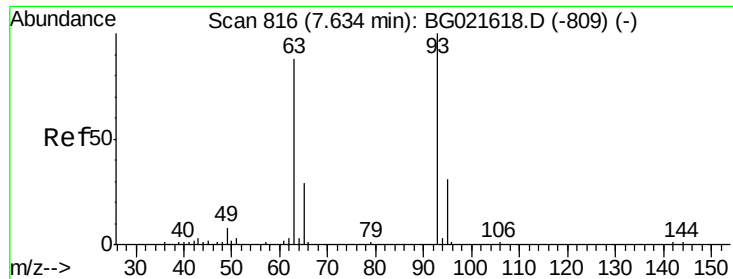


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

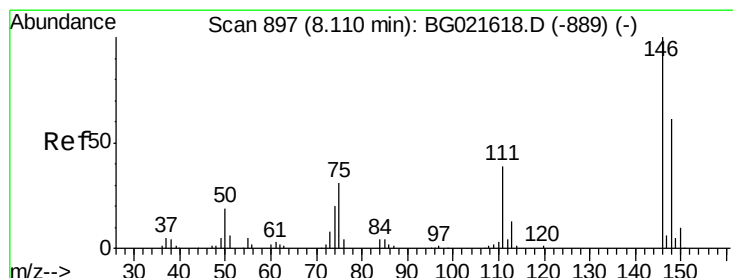
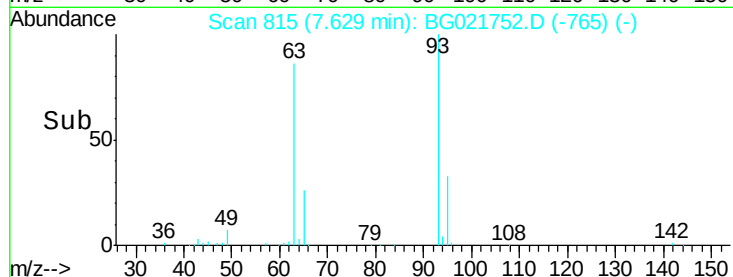
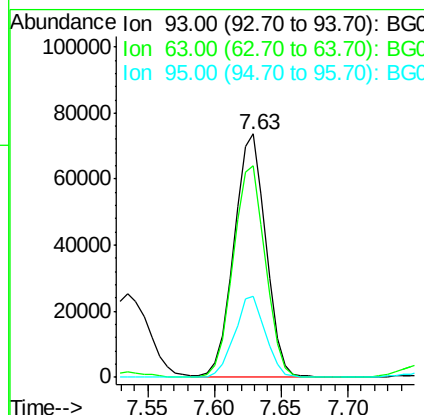
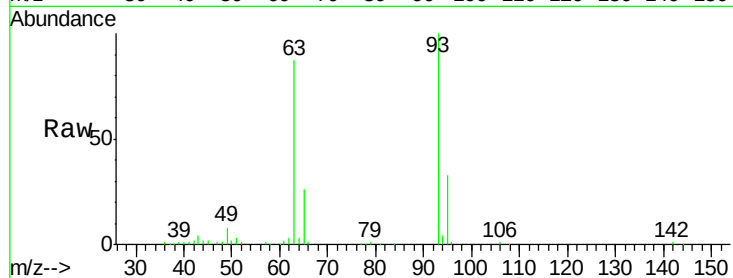




#11
 bis(2-Chloroethyl)ether
 Concen: 37.46 ng
 RT: 7.63 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

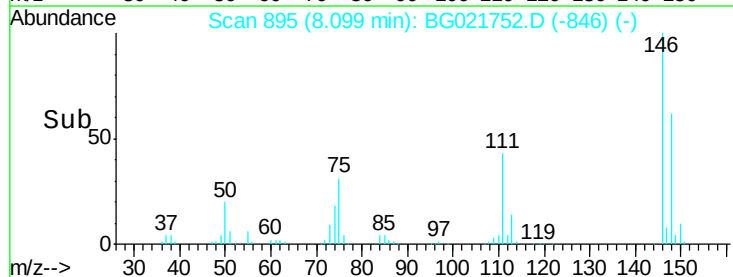
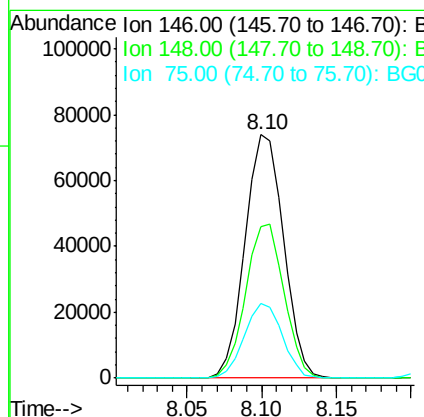
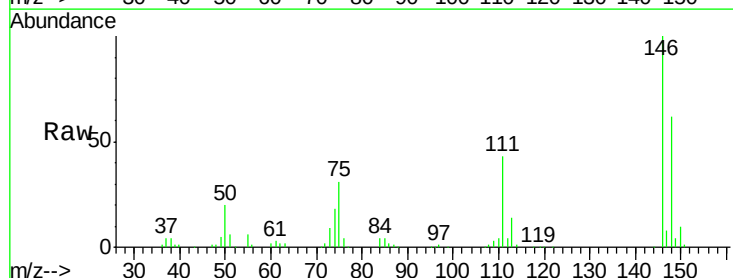
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

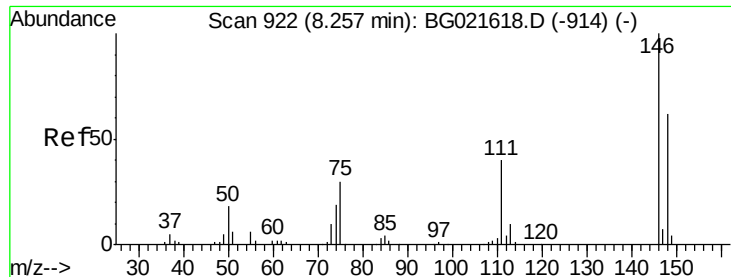
Tgt Ion: 93 Resp: 122574
 Ion Ratio Lower Upper
 93 100
 63 87.0 74.9 114.9
 95 33.2 8.3 48.3



#12
 1,3-Dichlorobenzene
 Concen: 38.72 ng
 RT: 8.10 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion: 146 Resp: 131901
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.7 80.5
 75 30.7 27.4 41.0

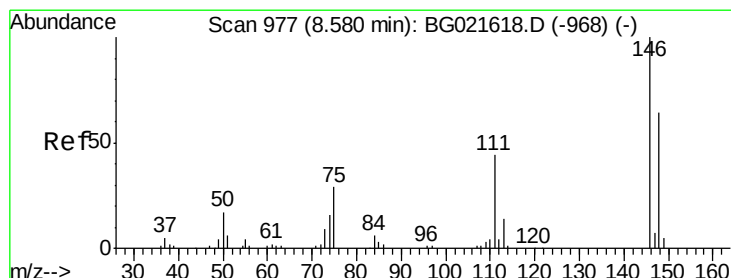
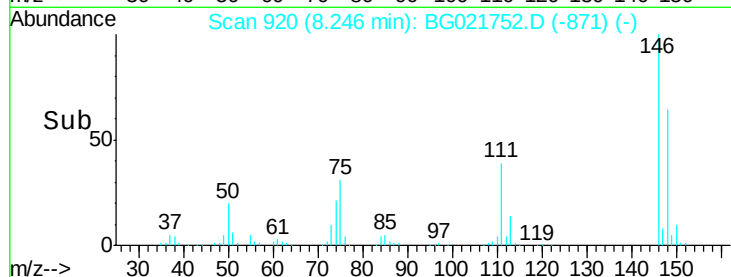
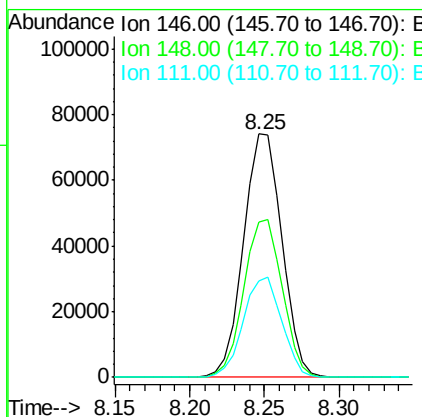
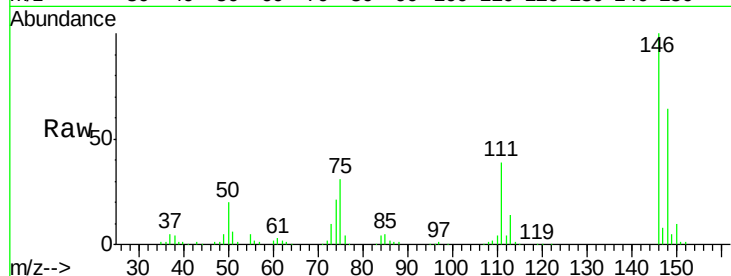




#13
 1,4-Dichlorobenzene
 Concen: 38.04 ng
 RT: 8.25 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

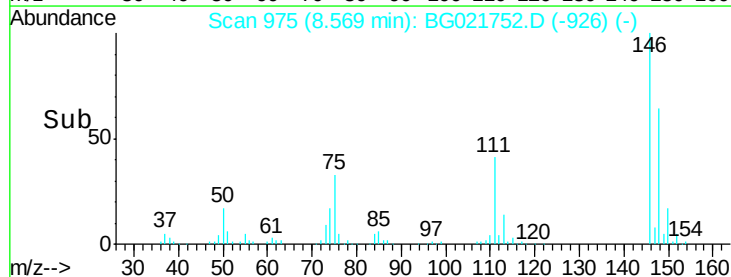
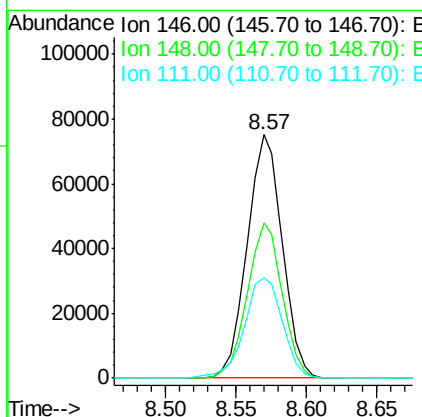
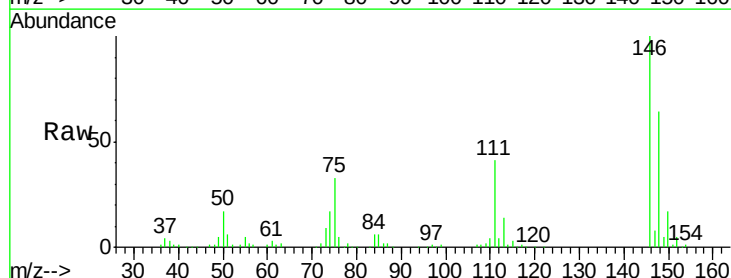
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

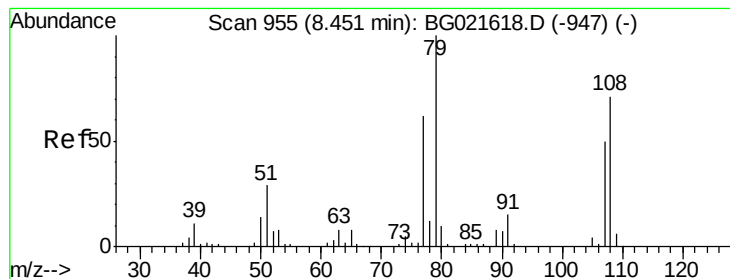
Tgt Ion:146 Resp: 131930
 Ion Ratio Lower Upper
 146 100
 148 63.6 46.7 70.1
 111 39.4 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 39.30 ng
 RT: 8.57 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:146 Resp: 130770
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.6 79.0
 111 41.2 36.1 54.1





#15

Benzyl Alcohol

Concen: 42.98 ng

RT: 8.45 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

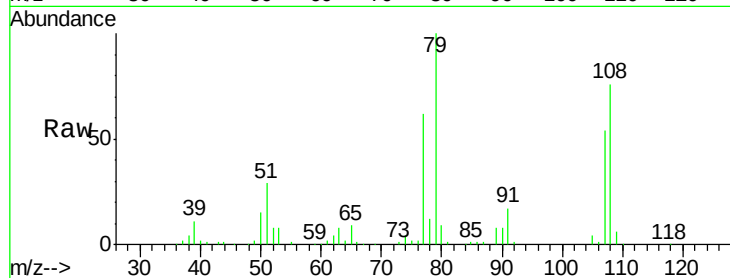
Tgt Ion: 79 Resp: 124845

Ion Ratio Lower Upper

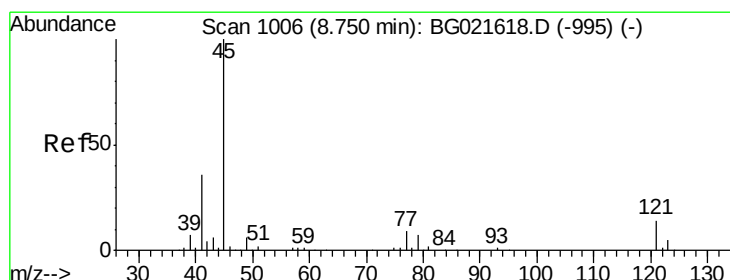
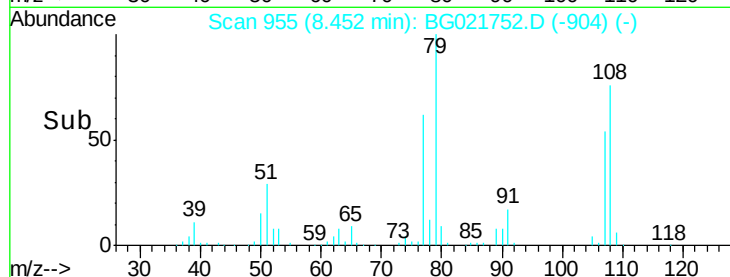
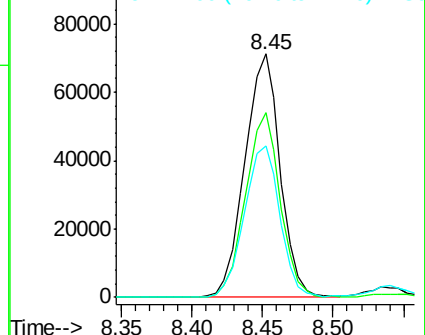
79 100

108 76.1 59.4 89.0

77 62.2 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: 33.36 ng

RT: 8.74 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

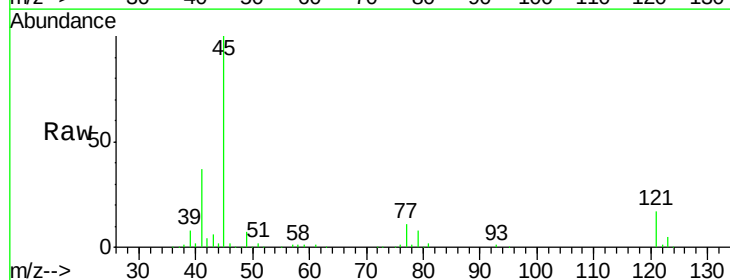
Tgt Ion: 45 Resp: 233766

Ion Ratio Lower Upper

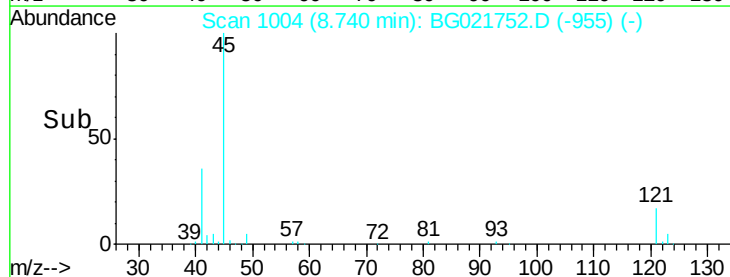
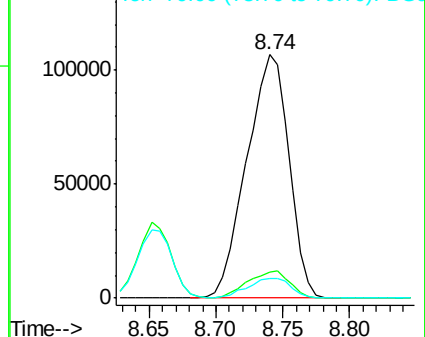
45 100

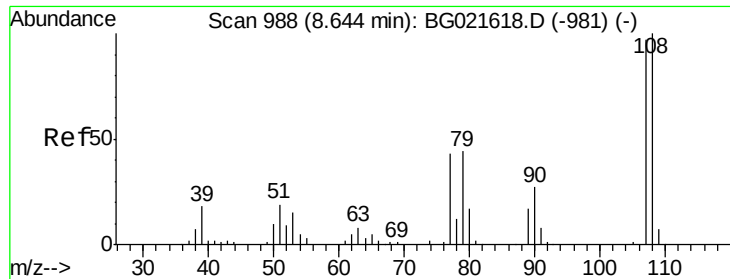
77 10.7 0.0 31.2

79 7.9 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

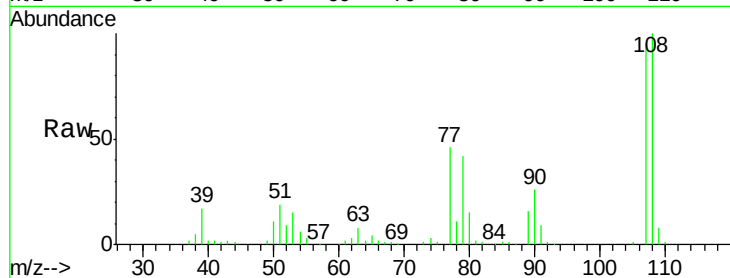




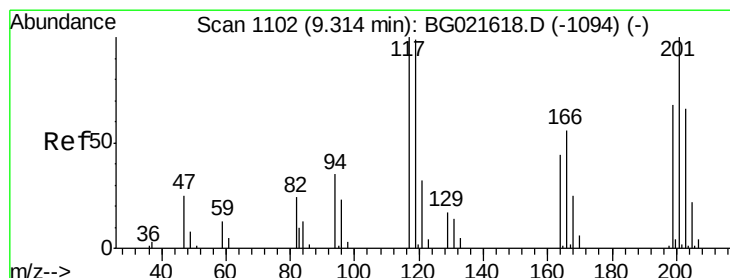
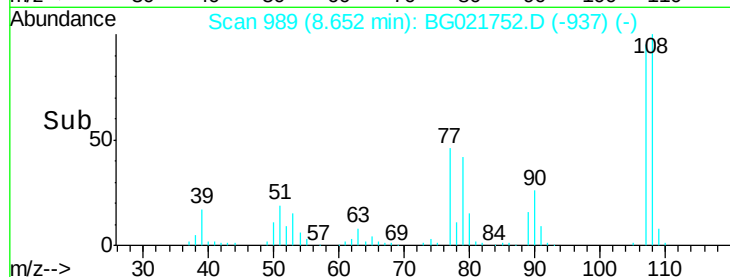
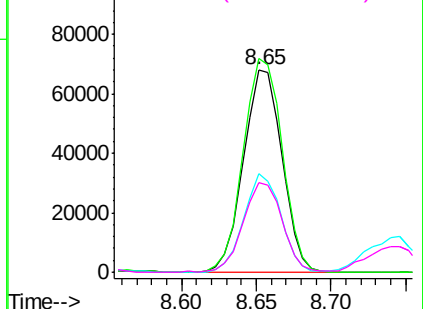
#17
2-Methylphenol
Concen: 42.96 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

Tgt Ion:	107	Resp:	121434
Ion	Ratio	Lower	Upper
107	100		
108	105.3	80.2	120.4
77	48.6	40.7	61.1
79	44.1	39.8	59.8

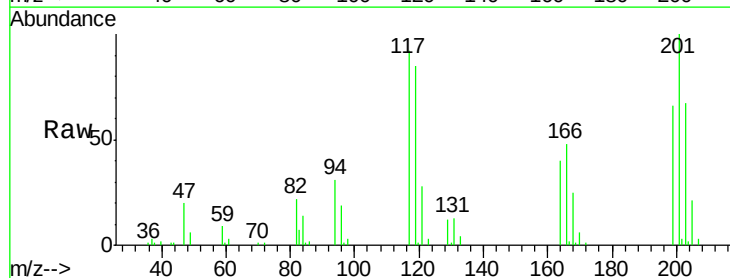


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

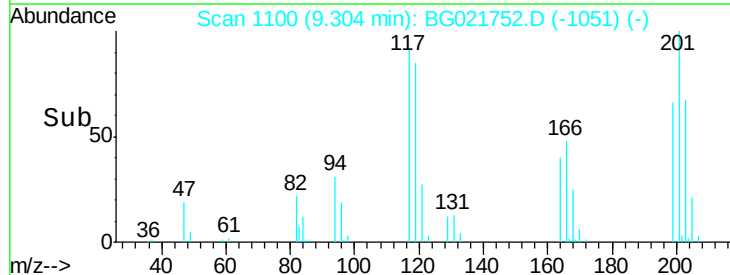
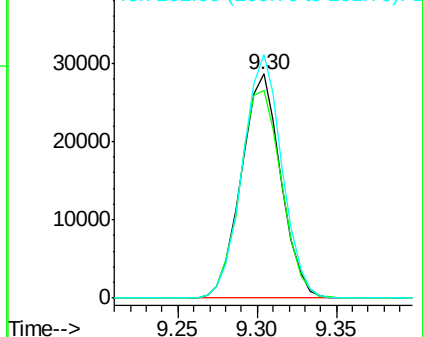


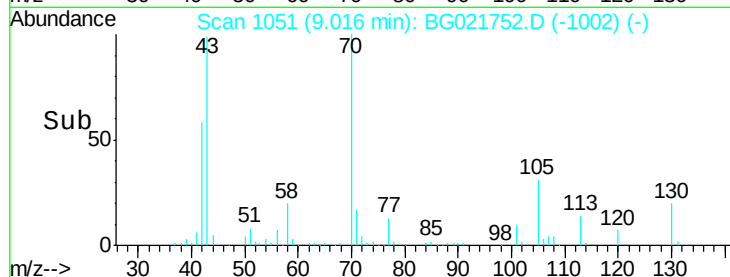
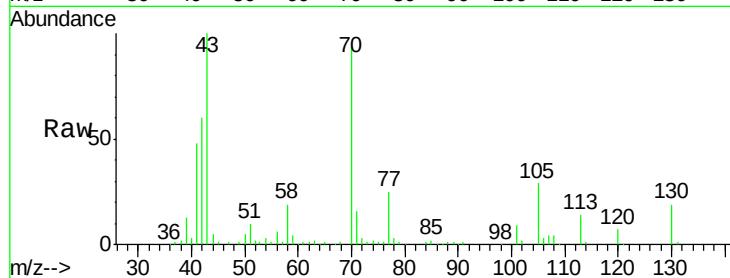
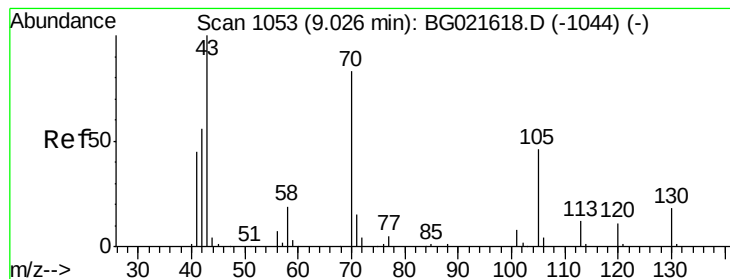
#18
Hexachloroethane
Concen: 39.17 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:	117	Resp:	49437
Ion	Ratio	Lower	Upper
117	100		
119	92.7	63.9	95.9
201	108.6	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: 37.24 ng

RT: 9.02 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

Tgt Ion: 70 Resp: 109975

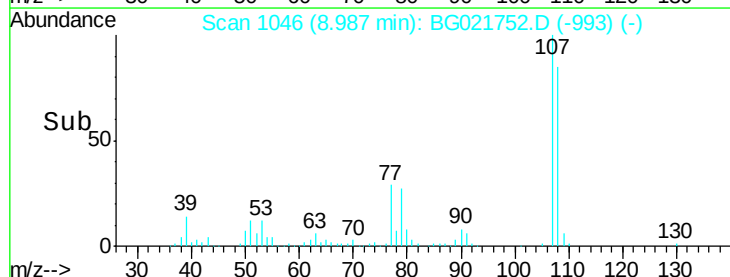
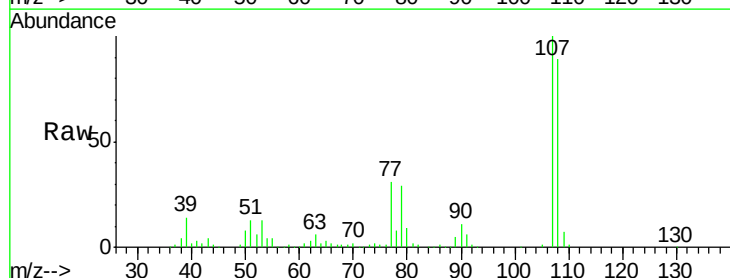
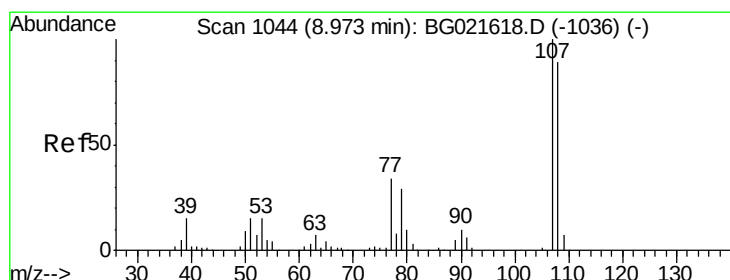
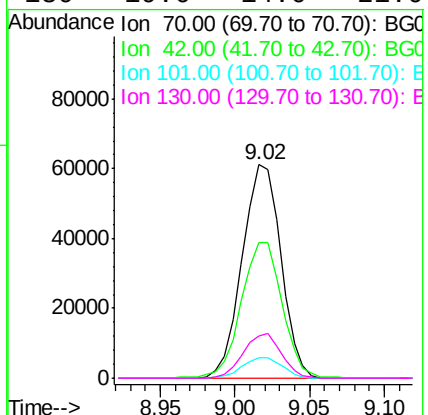
Ion Ratio Lower Upper

70 100

42 63.4 56.7 85.1

101 9.6 8.2 12.4

130 19.6 14.0 21.0



#20

3+4-Methylphenols

Concen: 43.82 ng

RT: 8.99 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Tgt Ion: 107 Resp: 169470

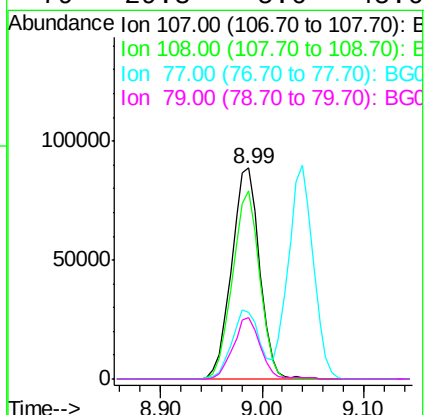
Ion Ratio Lower Upper

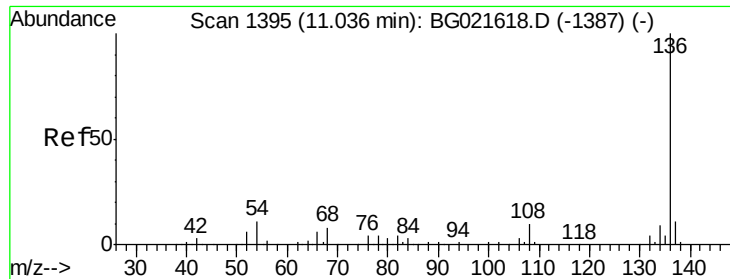
107 100

108 89.1 66.2 106.2

77 31.4 11.5 51.5

79 29.3 5.6 45.6

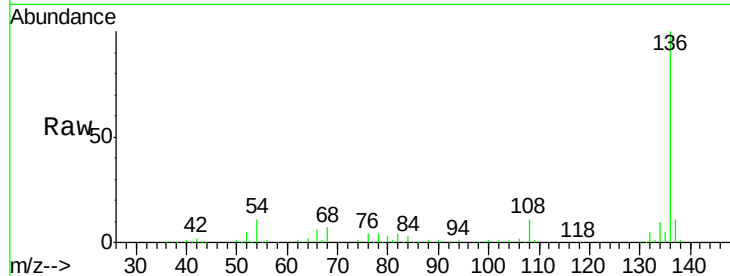




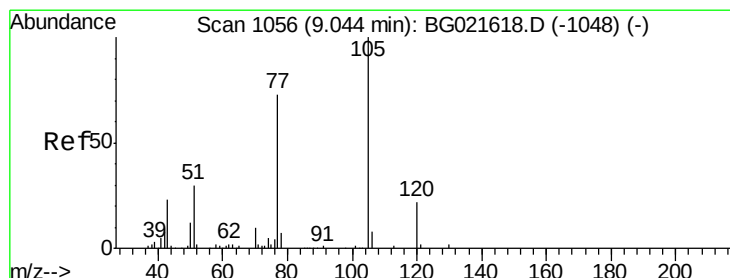
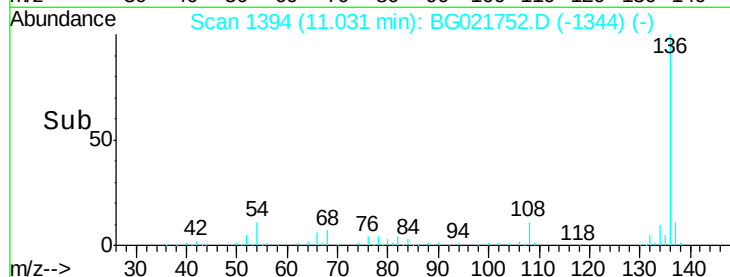
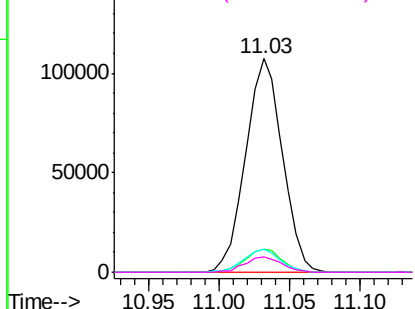
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

Tgt Ion:	136	Resp:	196074
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.6	9.6	14.4
68	7.1	6.4	9.6

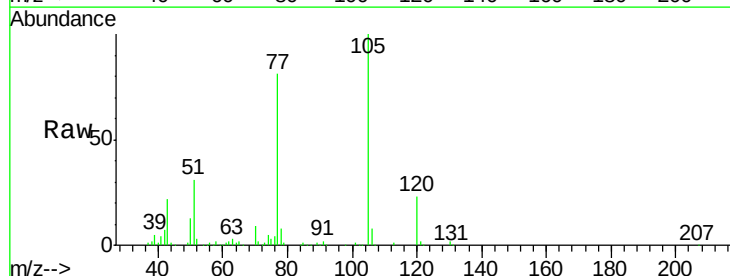


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

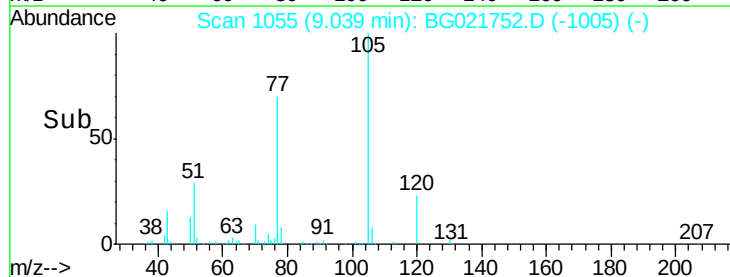
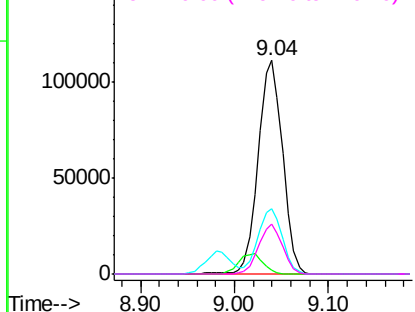


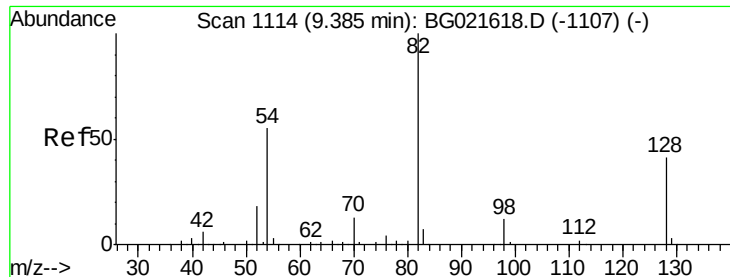
#22
Acetophenone
Concen: 36.65 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:	105	Resp:	200146
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.0	0.0#
51	30.6	25.7	38.5
120	23.5	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

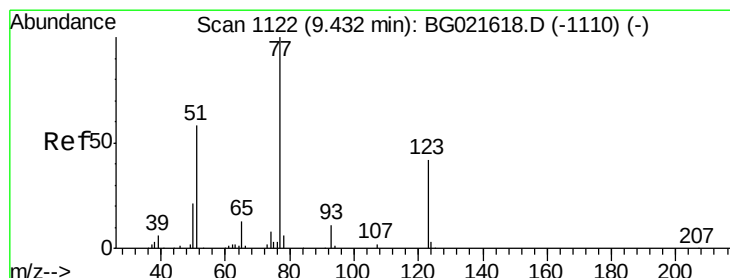
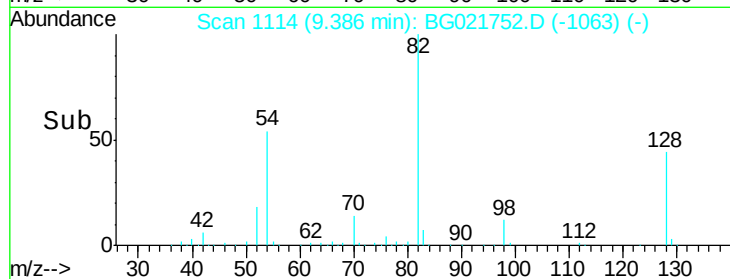
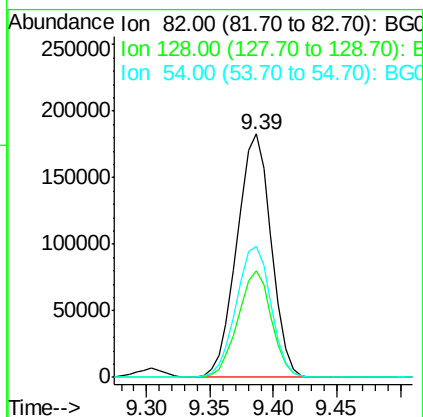
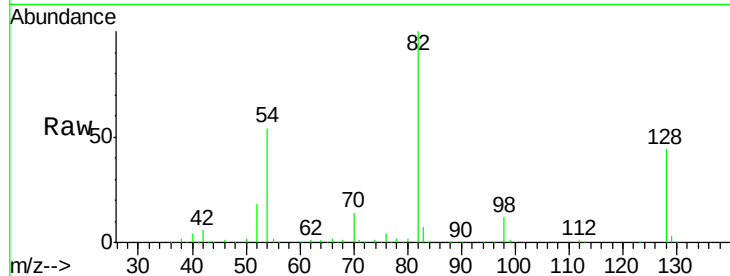




#23
 Nitrobenzene-d5
 Concen: 90.12 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

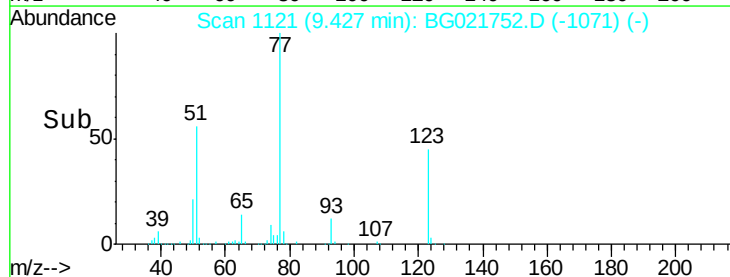
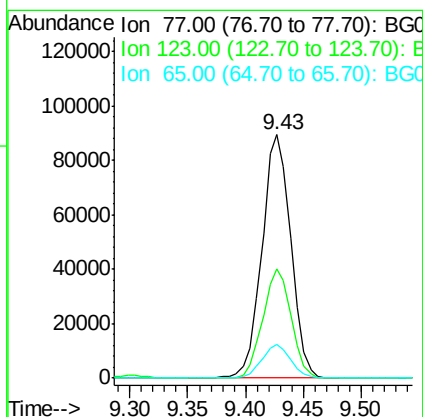
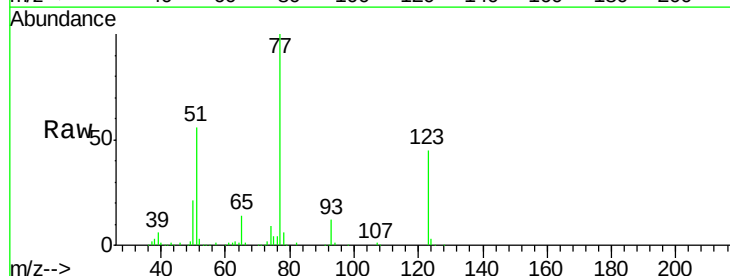
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

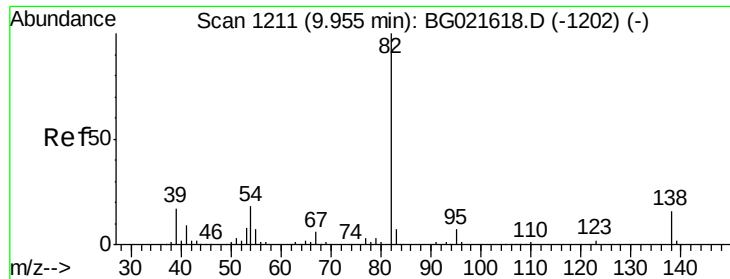
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	54.0	46.1	69.1



#24
 Nitrobenzene
 Concen: 38.16 ng
 RT: 9.43 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	32.2	48.4
65	13.8	10.3	15.5

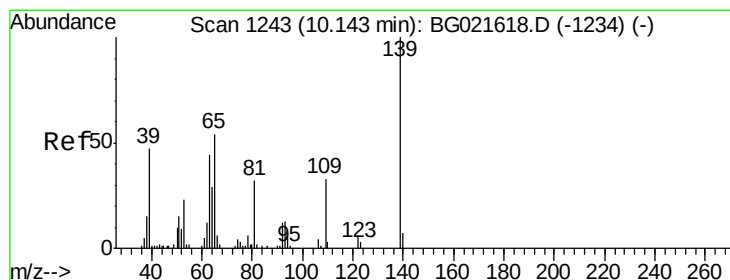
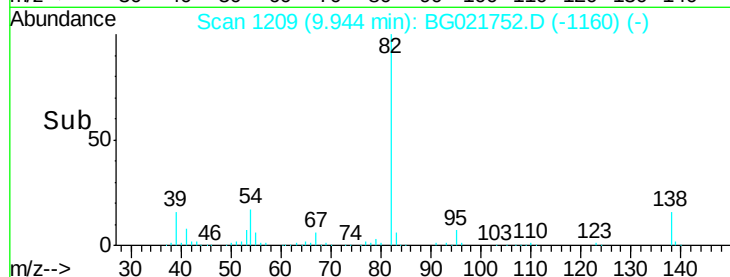
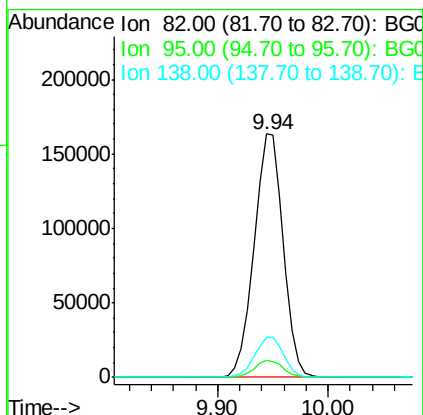
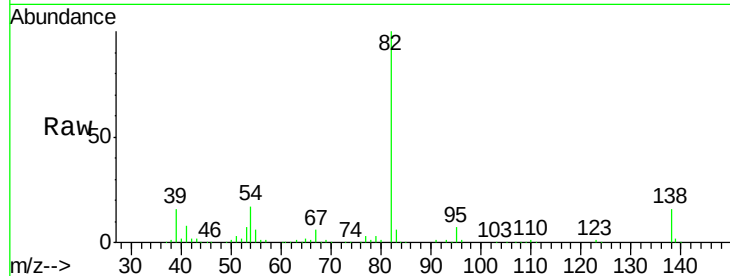




#25
Isophorone
Concen: 36.15 ng
RT: 9.94 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

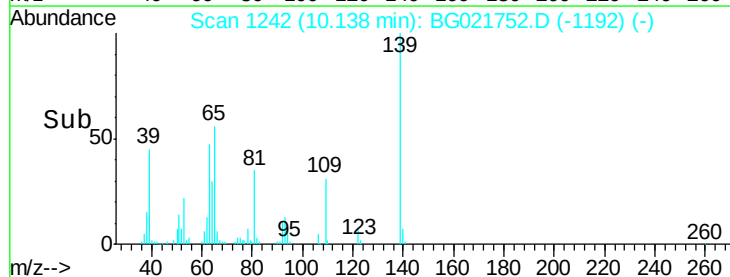
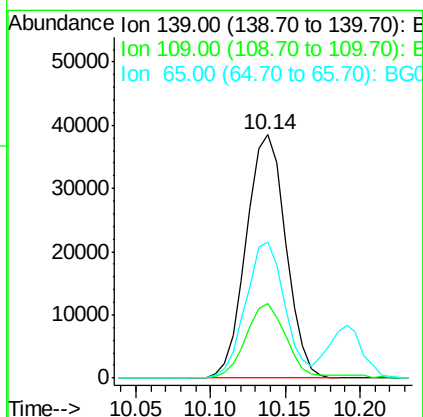
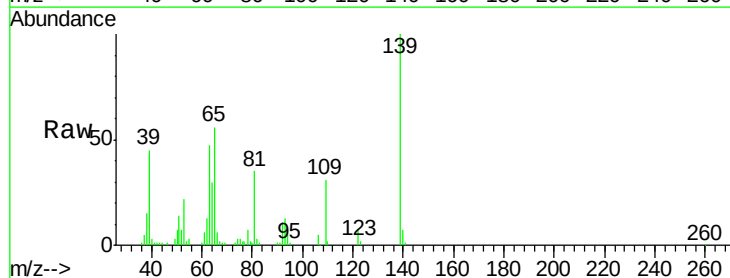
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

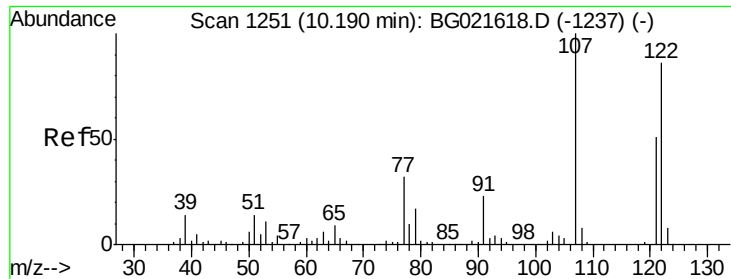
Tgt Ion: 82 Resp: 301785
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 16.4 13.4 20.0



#26
2-Nitrophenol
Concen: 45.37 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion: 139 Resp: 70747
Ion Ratio Lower Upper
139 100
109 30.8 26.6 40.0
65 56.1 45.3 67.9

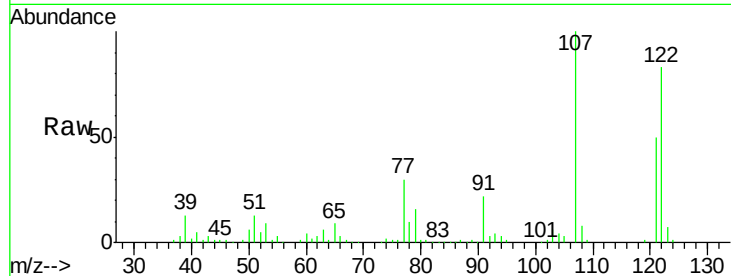




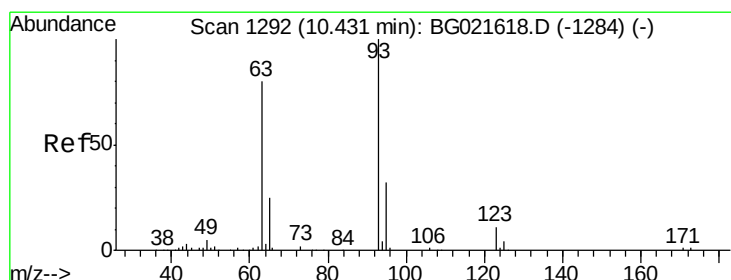
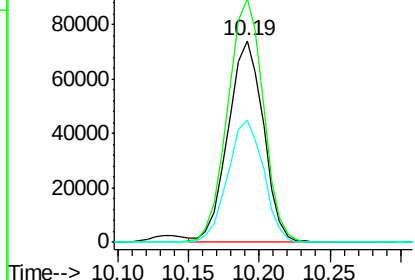
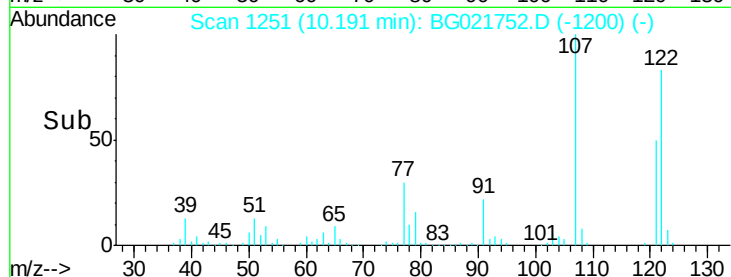
#27
 2,4-Dimethylphenol
 Concen: 36.44 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion: 122 Resp: 129065
 Ion Ratio Lower Upper
 122 100
 107 120.9 97.2 145.8
 121 60.7 49.0 73.4

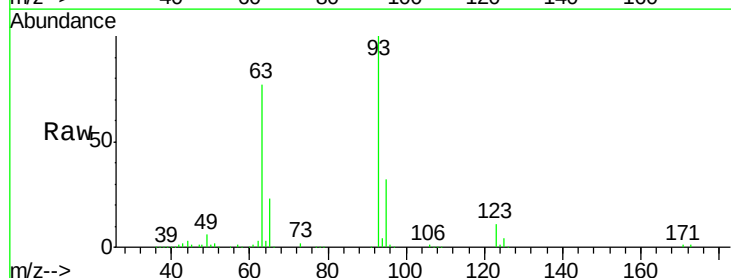


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

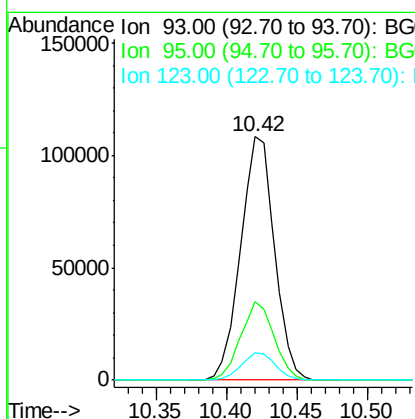
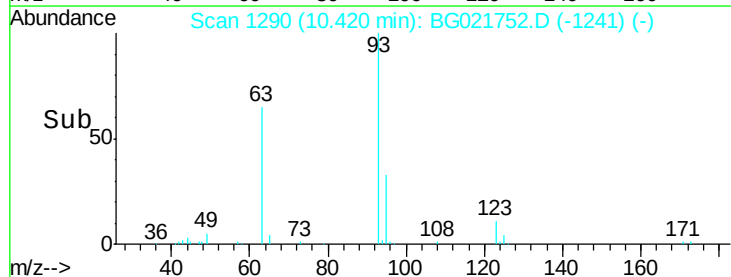


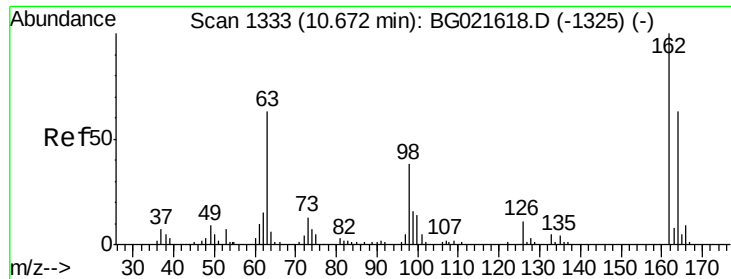
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.91 ng
 RT: 10.42 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion: 93 Resp: 181479
 Ion Ratio Lower Upper
 93 100
 95 32.3 30.1 45.1
 123 11.2 10.2 15.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

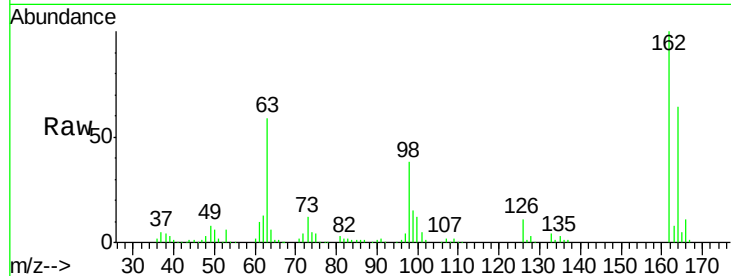




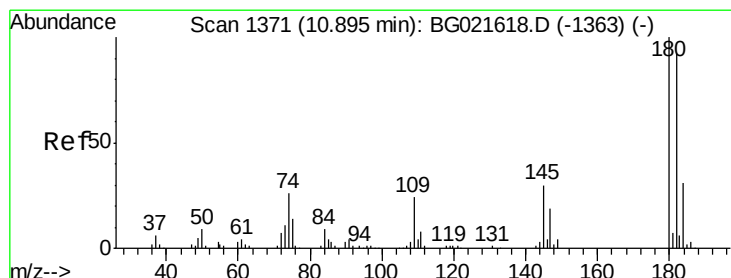
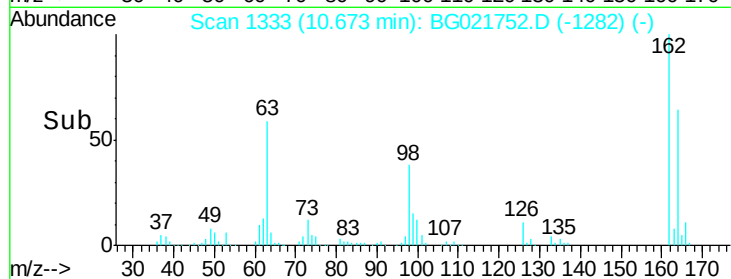
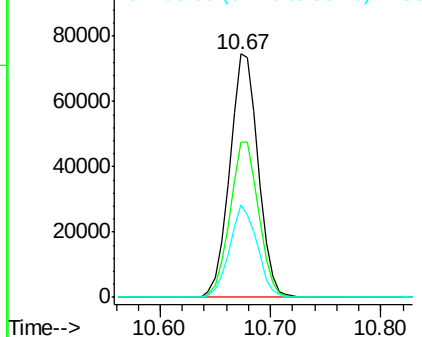
#29
 2,4-Dichlorophenol
 Concen: 44.55 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.9	84.9
98	38.3	19.2	59.2

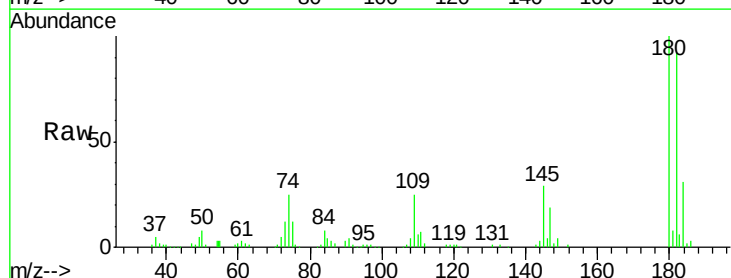


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

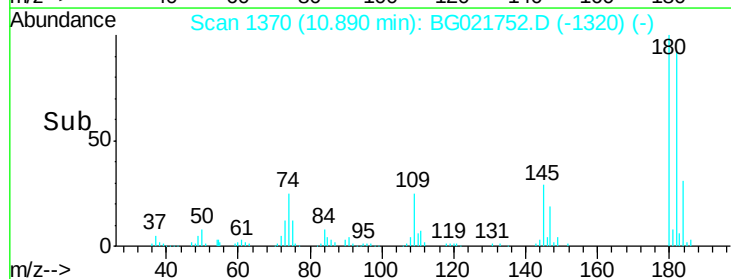
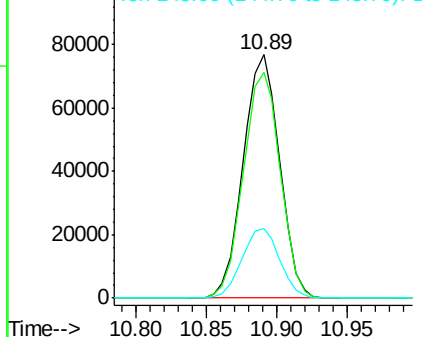


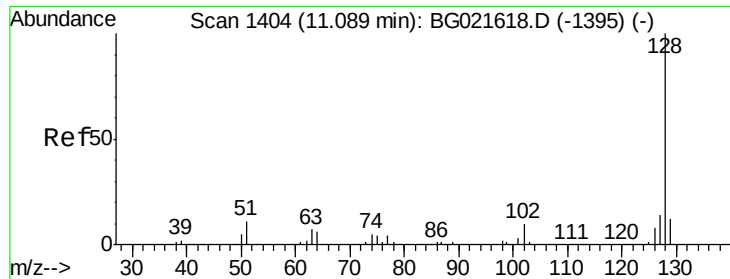
#30
 1,2,4-Trichlorobenzene
 Concen: 42.77 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	82.3	123.5
145	28.8	24.4	36.6



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

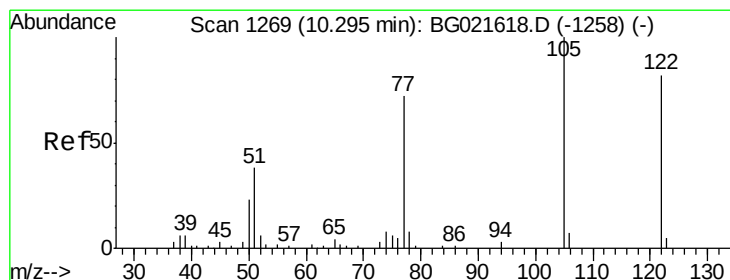
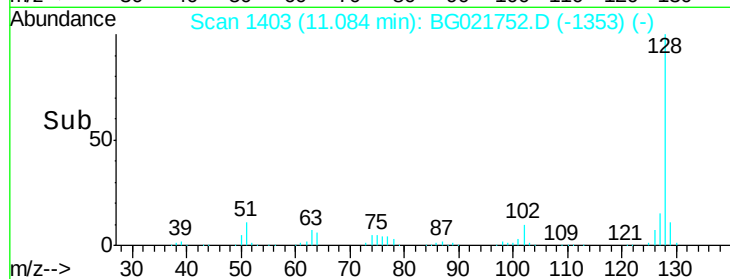
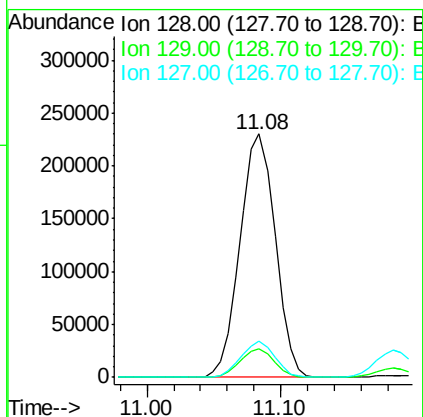
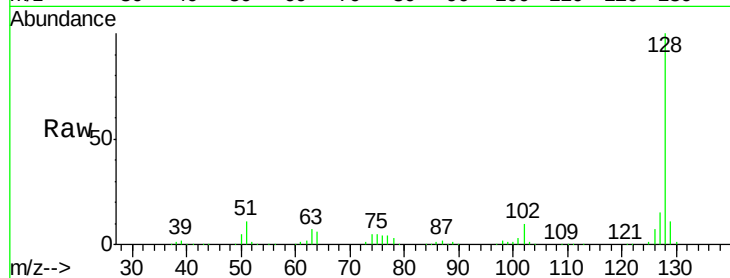




#31
Naphthalene
Concen: 40.10 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

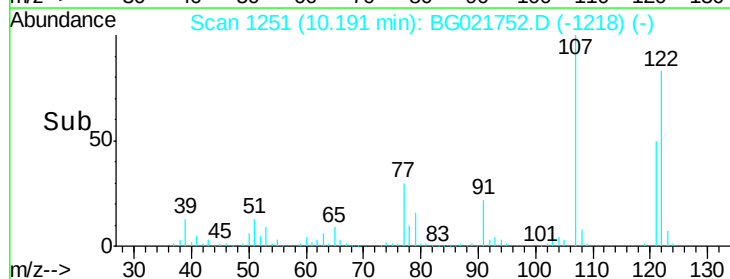
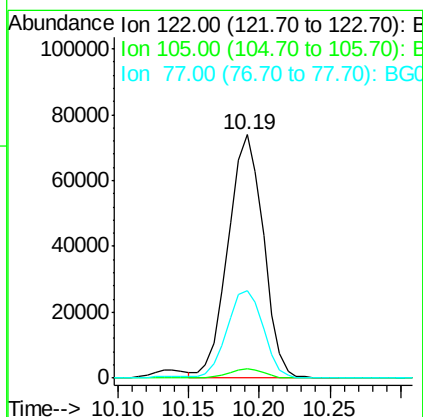
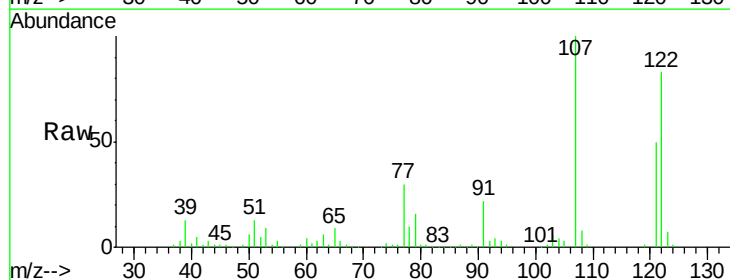
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

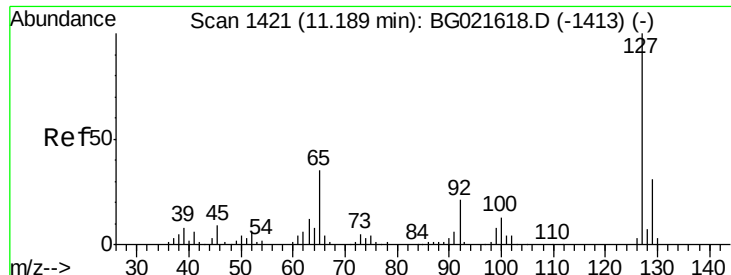
Tgt Ion:128 Resp: 420782
Ion Ratio Lower Upper
128 100
129 11.5 7.0 10.6#
127 14.7 10.1 15.1



#32
Benzoic acid
Concen: 59.20 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.10 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:122 Resp: 129065
Ion Ratio Lower Upper
122 100
105 3.8 104.5 144.5#
77 35.9 79.9 119.9#

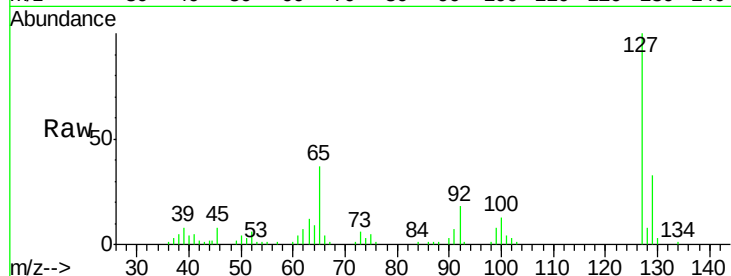




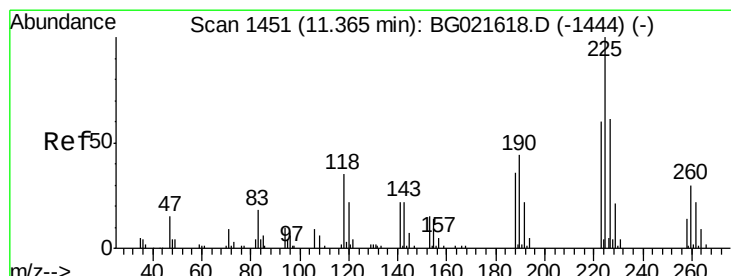
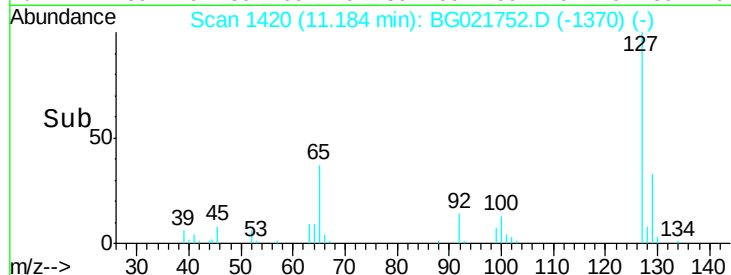
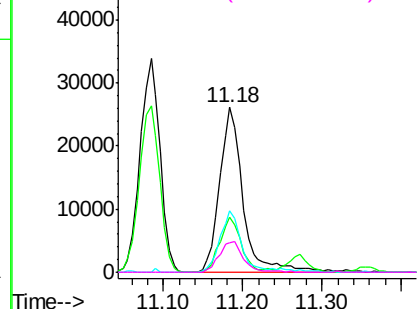
#33
 4-Chloroaniline
 Concen: 11.80 ng
 RT: 11.18 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion:	127	Resp:	53599
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	37.1	27.5	41.3
92	18.1	14.7	22.1

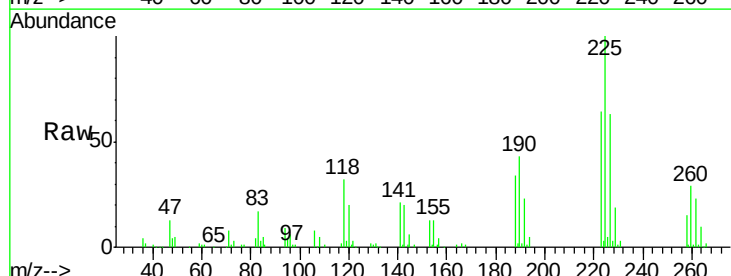


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

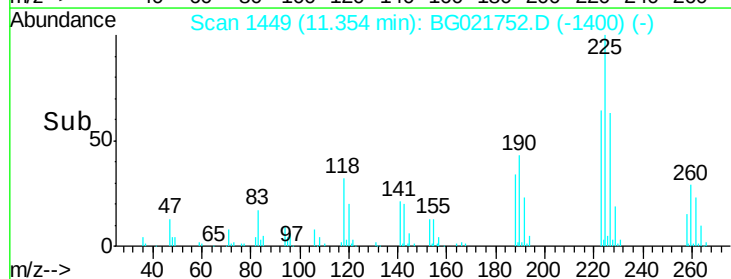
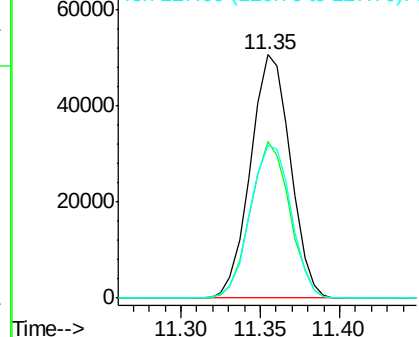


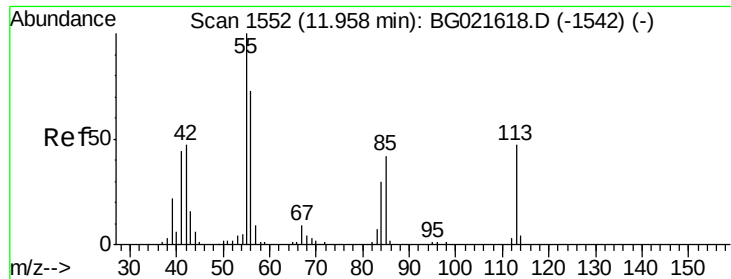
#34
 Hexachlorobutadiene
 Concen: 42.19 ng
 RT: 11.35 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:	225	Resp:	88375
Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.7	79.1
227	62.7	49.7	74.5



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





#35

Caprolactam

Concen: 31.24 ng

RT: 11.96 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

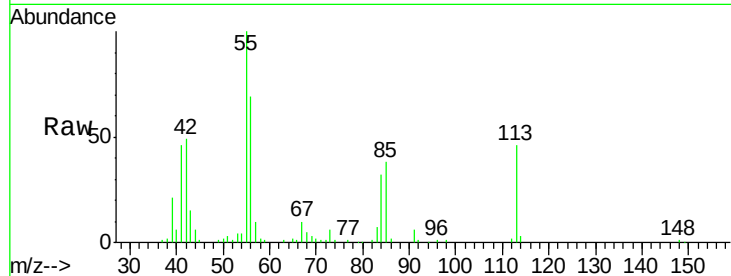
Tgt Ion:113 Resp: 43181

Ion Ratio Lower Upper

113 100

55 217.1 194.2 234.2

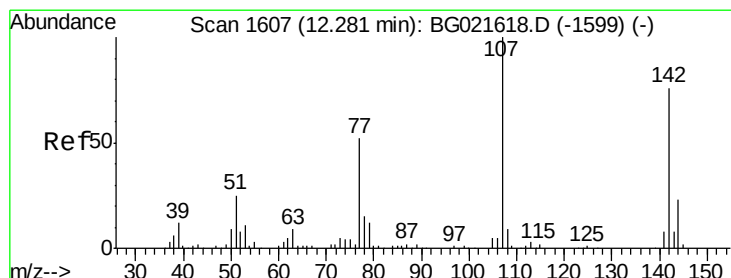
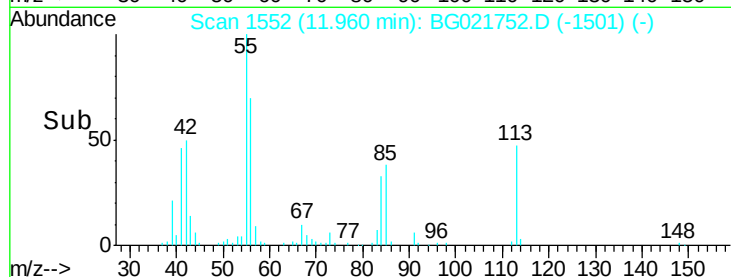
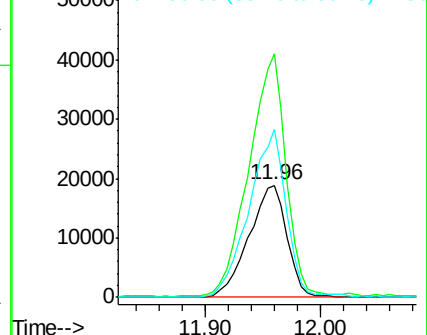
56 149.9 122.6 162.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.37 ng

RT: 12.30 min Scan# 1610

Delta R.T. 0.02 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

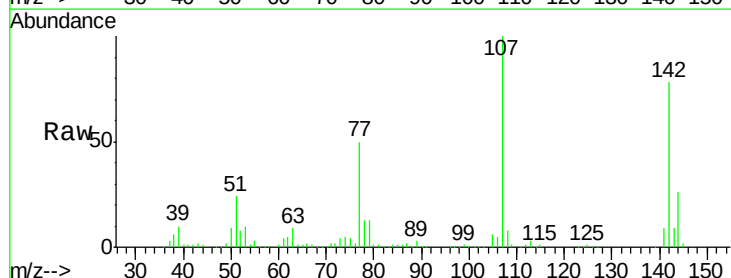
Tgt Ion:107 Resp: 149504

Ion Ratio Lower Upper

107 100

144 25.6 19.2 28.8

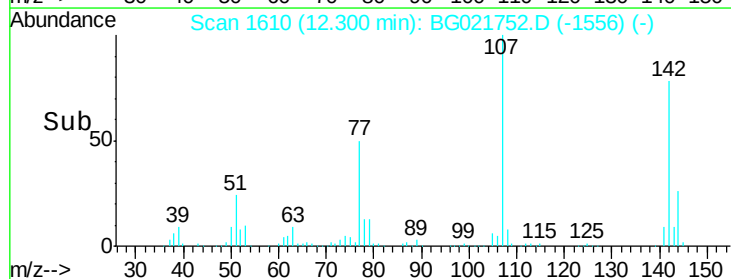
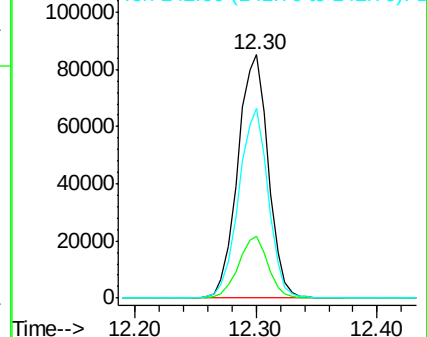
142 77.8 59.1 88.7

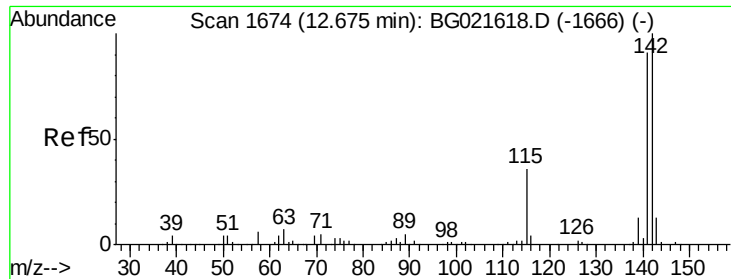


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

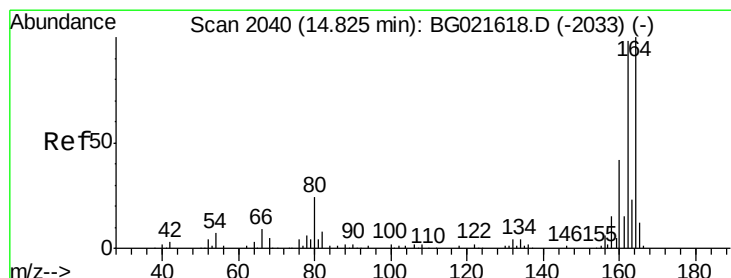
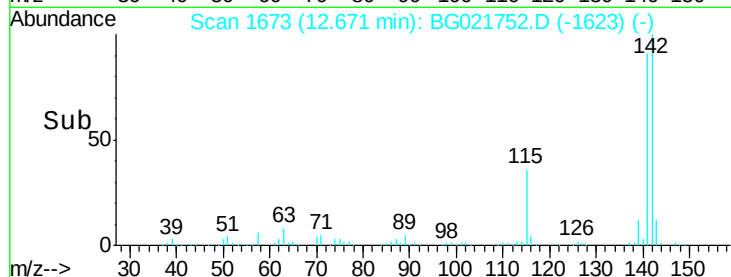
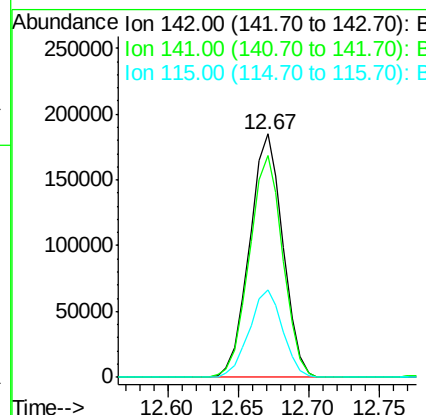
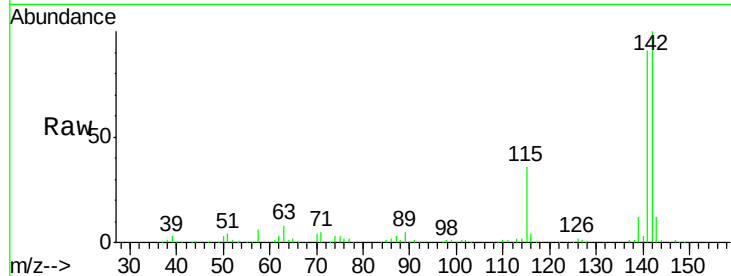




#37
 2-Methylnaphthalene
 Concen: 42.51 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

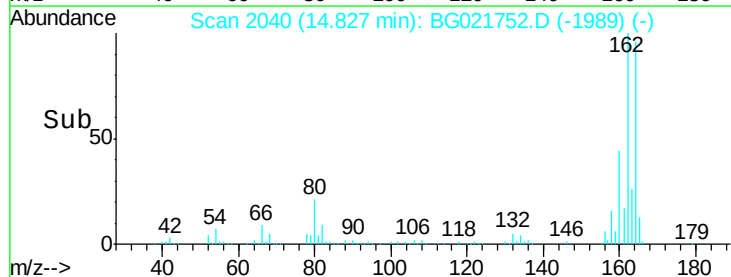
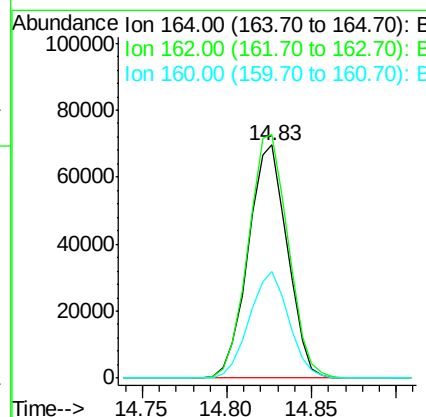
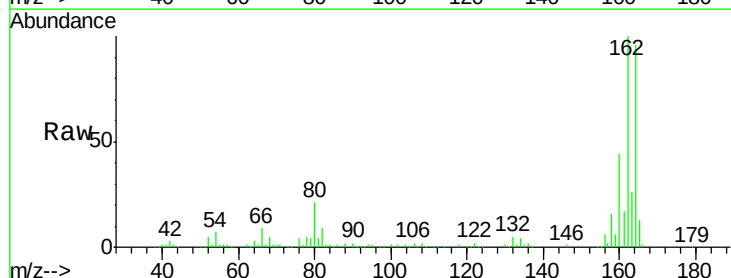
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

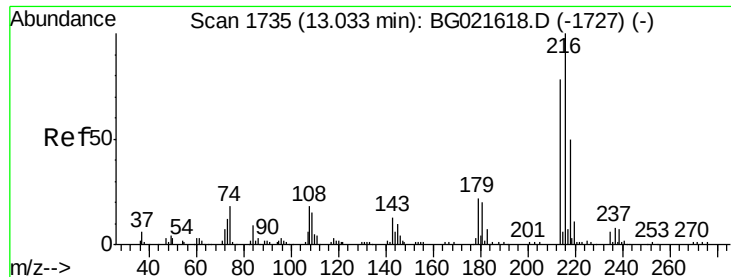
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.0
115	36.2	27.4	41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.0	117.0
160	46.0	32.9	49.3

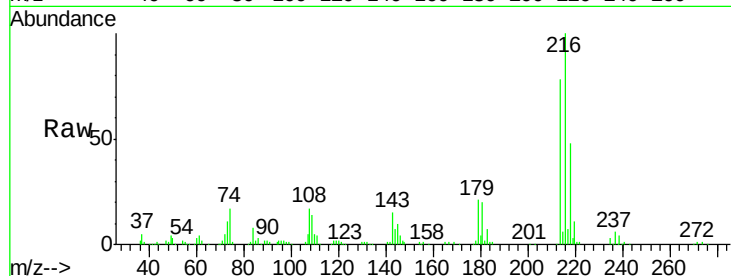




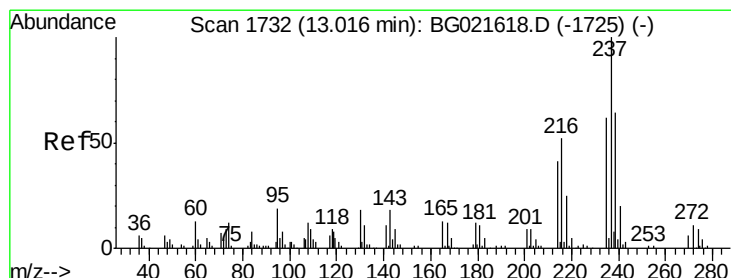
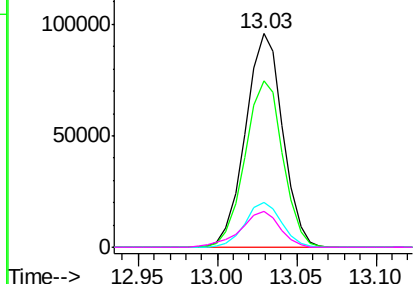
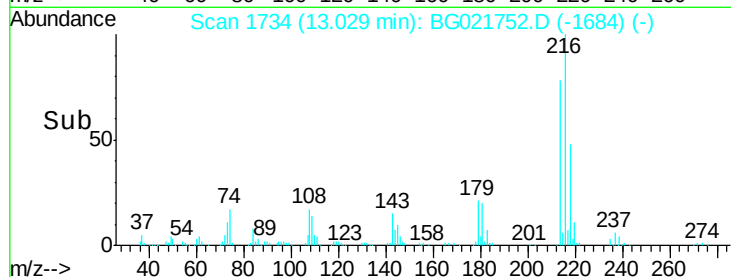
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.62 ng
 RT: 13.03 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion:	216	Resp:	156413
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.2	93.2
179	20.7	16.7	25.1
108	18.1	14.0	21.0

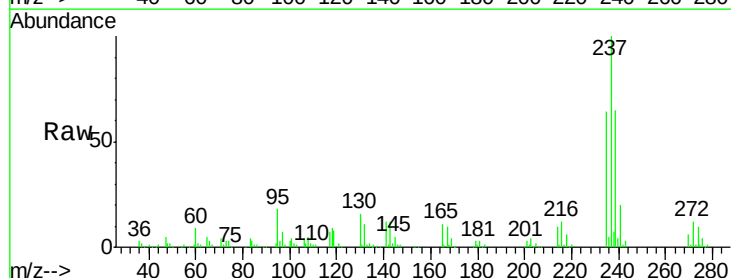


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

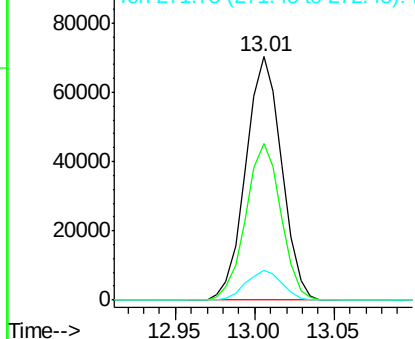
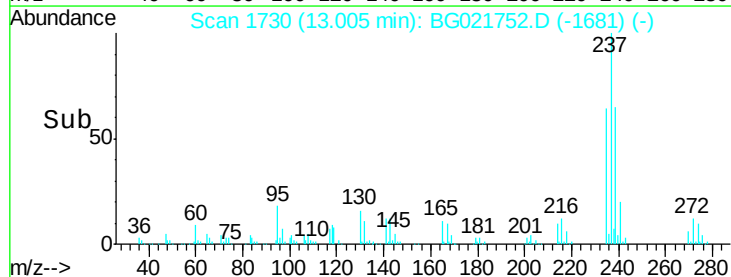


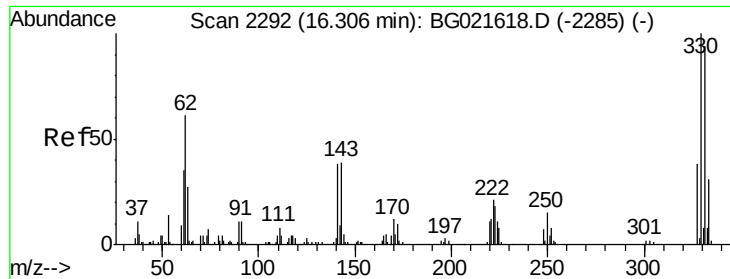
#40
 Hexachlorocyclopentadiene
 Concen: 56.74 ng
 RT: 13.01 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:	237	Resp:	110478
Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.2	83.2
272	12.1	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

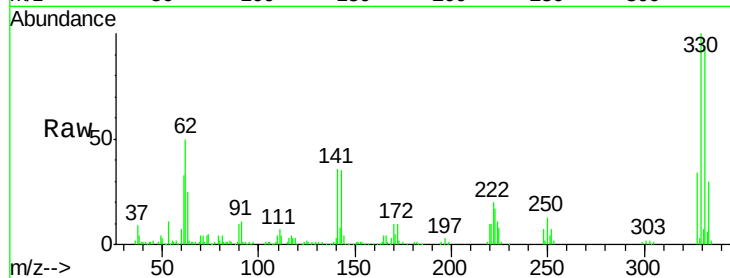




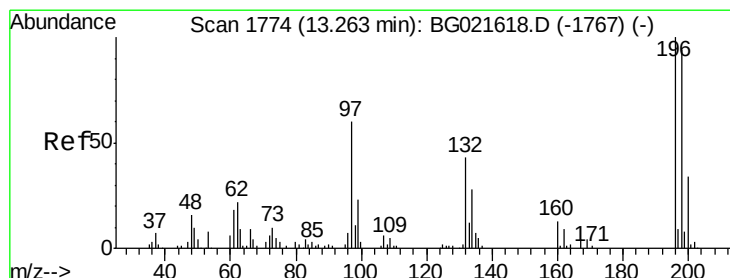
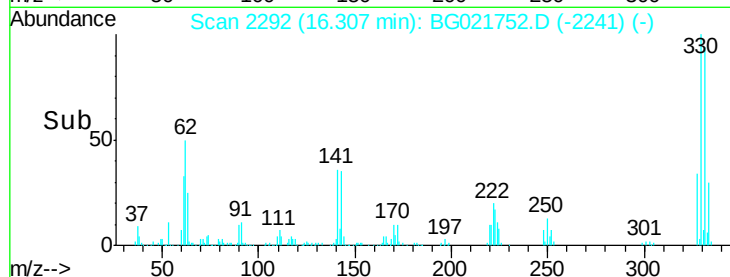
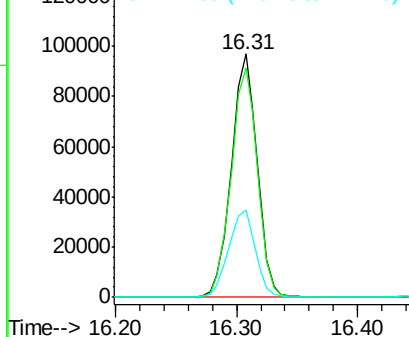
#41
 2,4,6-Tribromophenol
 Concen: 119.66 ng
 RT: 16.31 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion:330 Resp: 144656
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 37.3 33.8 50.8

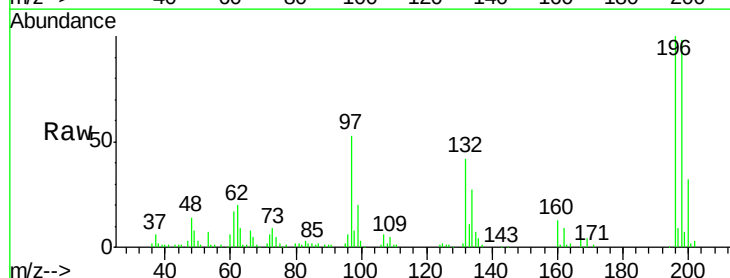


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

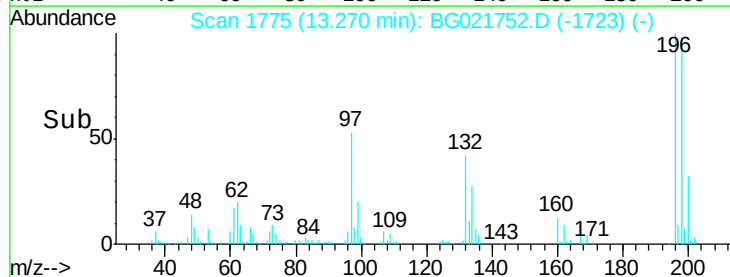
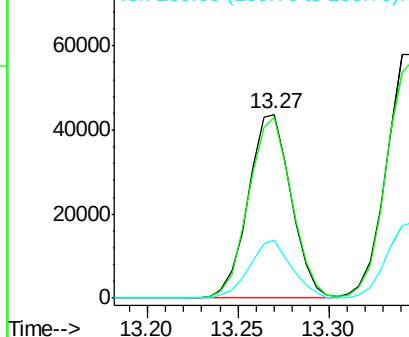


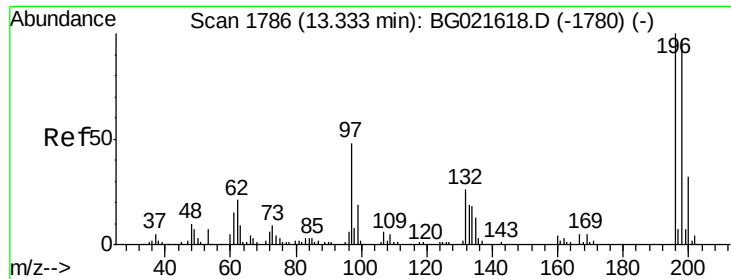
#42
 2,4,6-Trichlorophenol
 Concen: 32.14 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:196 Resp: 71847
 Ion Ratio Lower Upper
 196 100
 198 98.3 80.1 120.1
 200 31.7 24.1 36.1



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

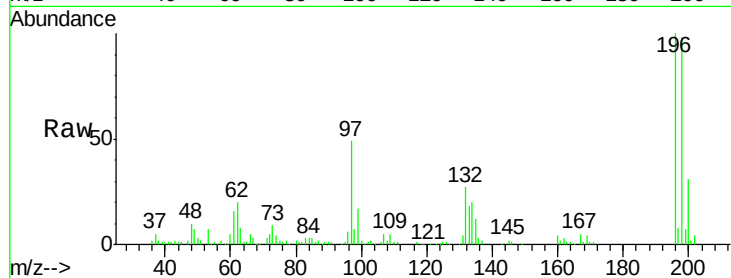




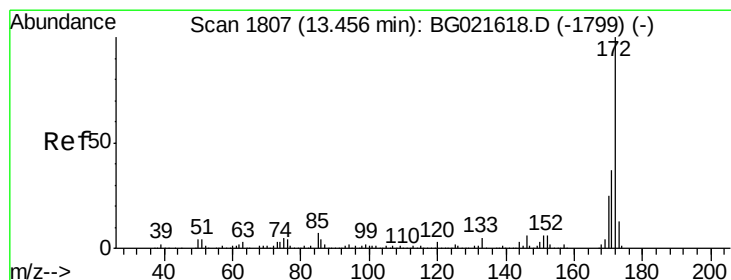
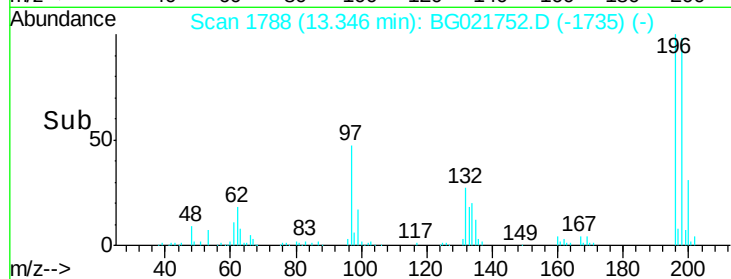
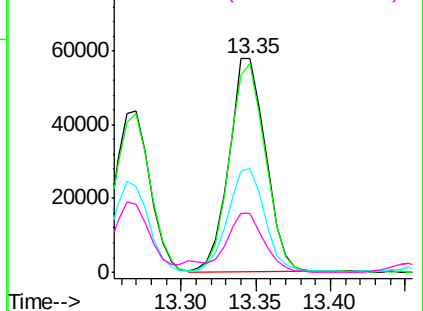
#43
 2,4,5-Trichlorophenol
 Concen: 41.01 ng
 RT: 13.35 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:	196	Resp:	98919
Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.0	117.0
97	48.7	43.0	64.6
132	27.3	23.0	34.4

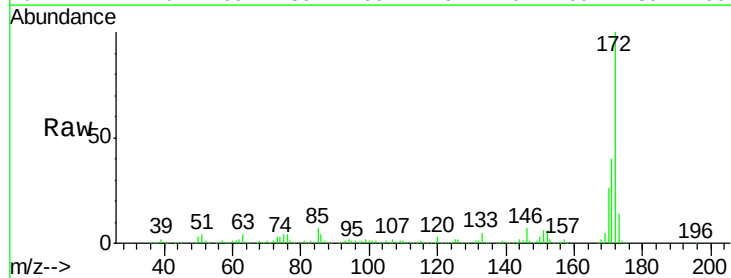


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

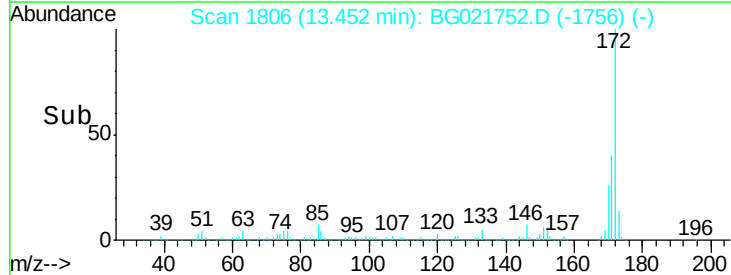
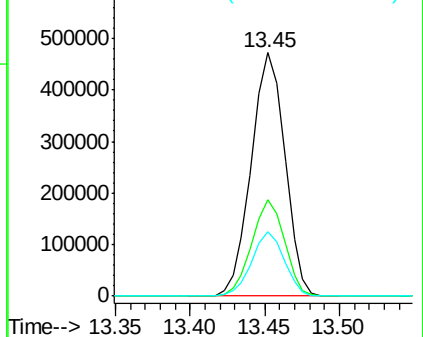


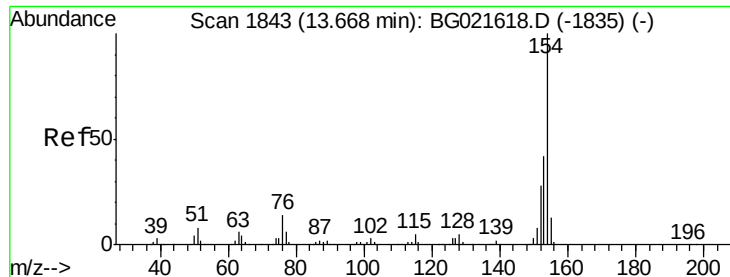
#44
 2-Fluorobiphenyl
 Concen: 96.03 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:	172	Resp:	735118
Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	26.2	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

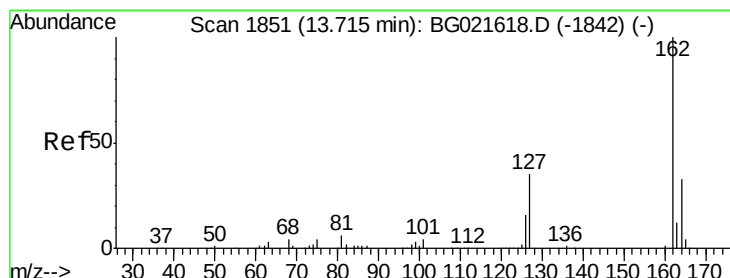
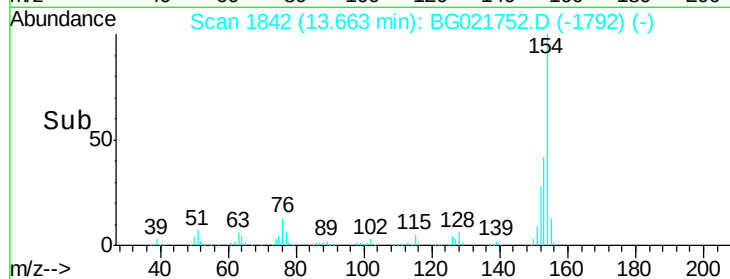
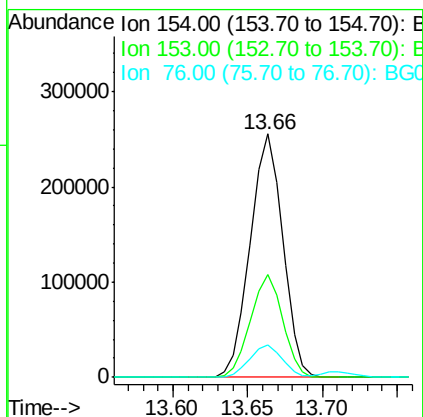
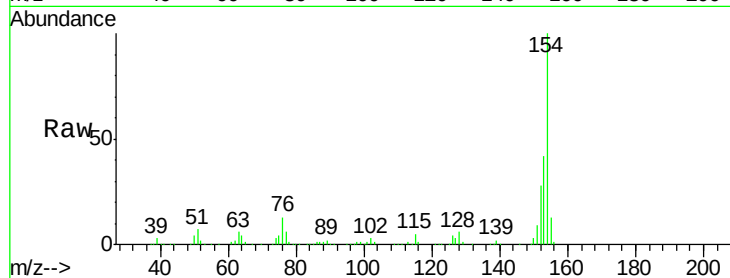




#45
 1,1'-Biphenyl
 Concen: 40.75 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

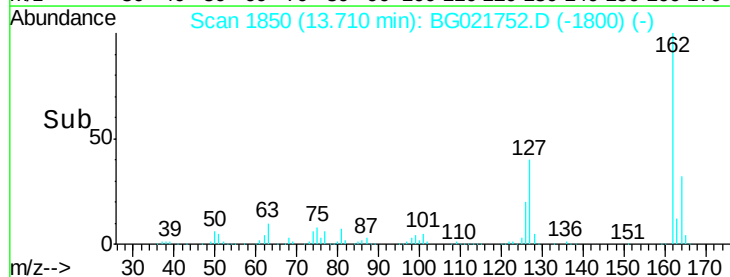
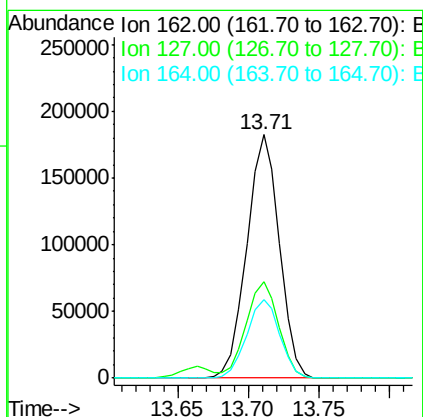
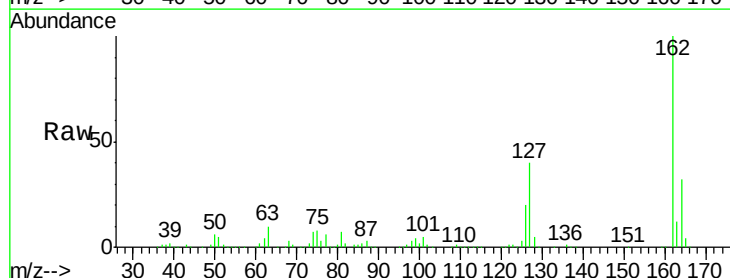
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

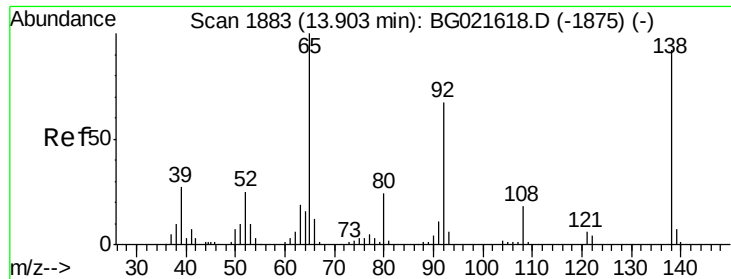
Tgt Ion:	154	Resp:	385105
Ion Ratio	Lower	Upper	
154	100		
153	42.4	19.7	59.7
76	13.3	0.0	33.0



#46
 2-Chloronaphthalene
 Concen: 42.10 ng
 RT: 13.71 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:	162	Resp:	294166
Ion Ratio	Lower	Upper	
162	100		
127	39.8	32.0	48.0
164	32.1	27.0	40.4

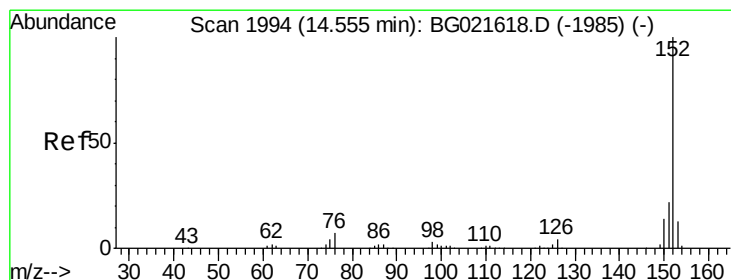
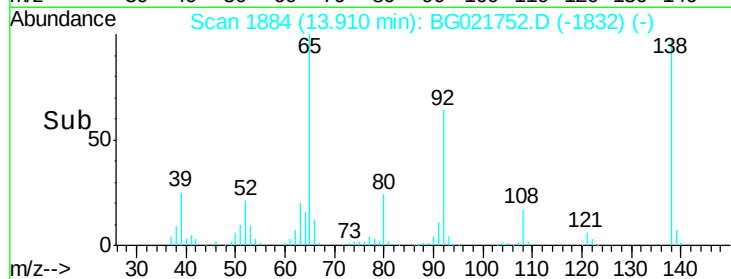
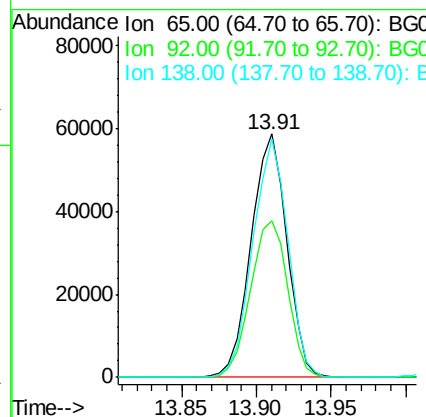
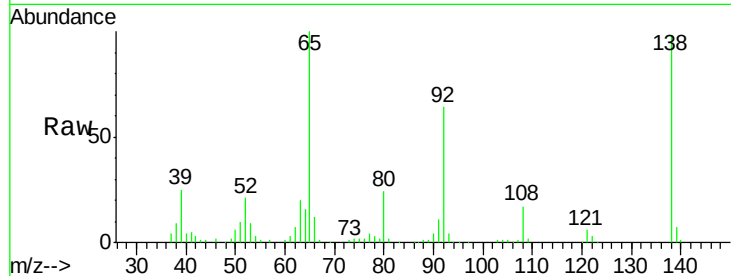




#47
2-Nitroaniline
Concen: 40.47 ng
RT: 13.91 min Scan# 1884
Delta R.T. 0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

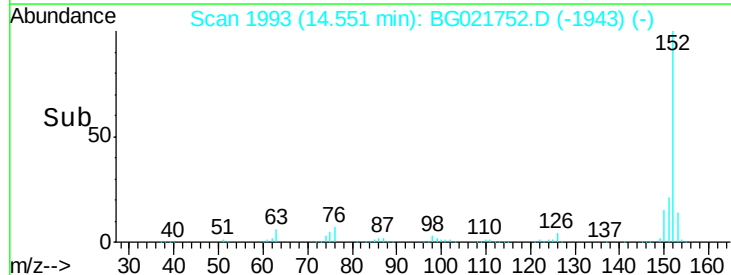
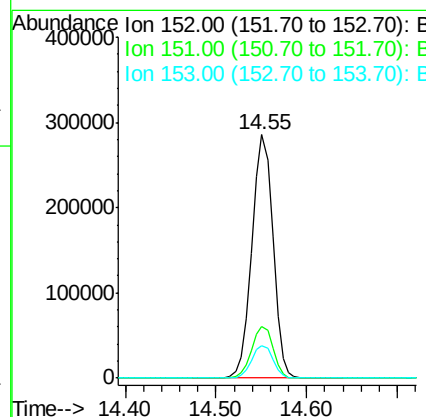
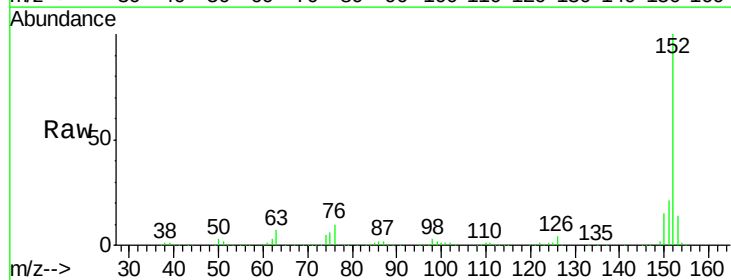
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

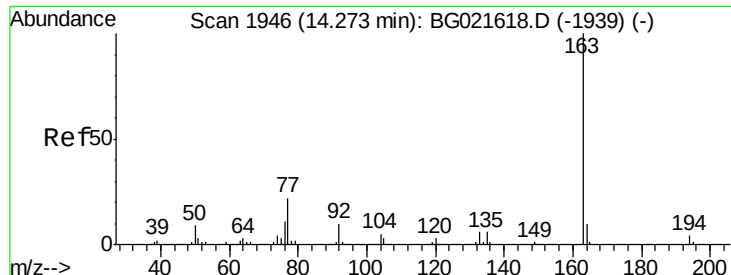
Tgt Ion: 65 Resp: 96962
Ion Ratio Lower Upper
65 100
92 64.4 49.2 73.8
138 98.1 75.0 112.6



#48
Acenaphthylene
Concen: 39.83 ng
RT: 14.55 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion: 152 Resp: 460081
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 13.6 10.2 15.2





#49

Dimethylphthalate

Concen: 46.12 ng

RT: 14.27 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

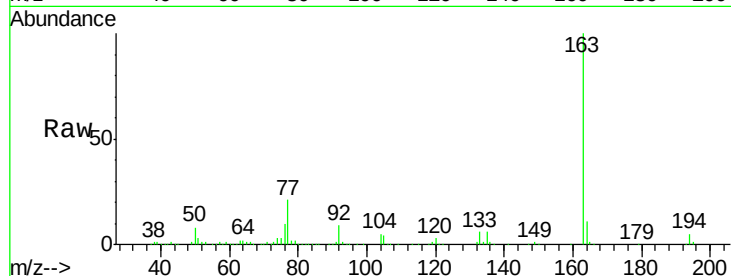
Tgt Ion:163 Resp: 447276

Ion Ratio Lower Upper

163 100

194 4.7 3.0 4.6#

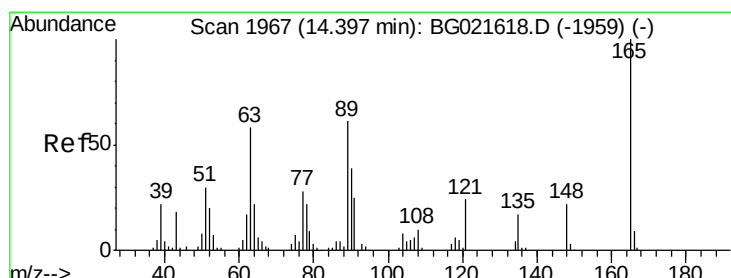
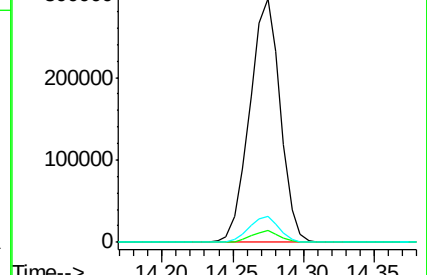
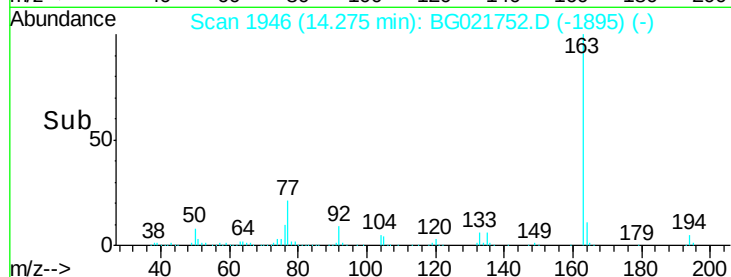
164 10.5 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.10 ng

RT: 14.40 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

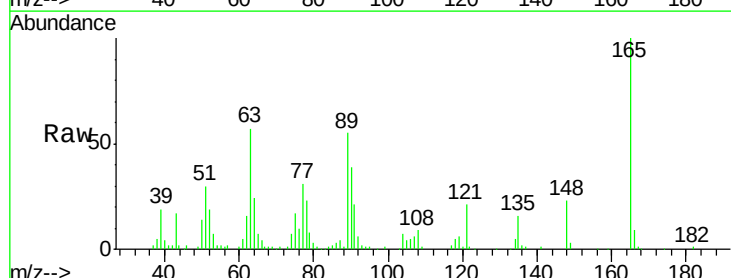
Tgt Ion:165 Resp: 79707

Ion Ratio Lower Upper

165 100

63 57.5 48.2 72.4

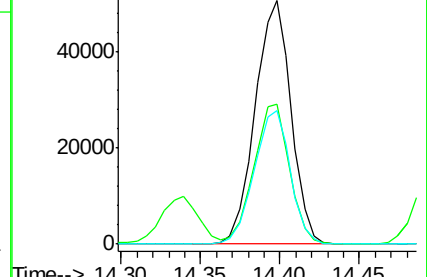
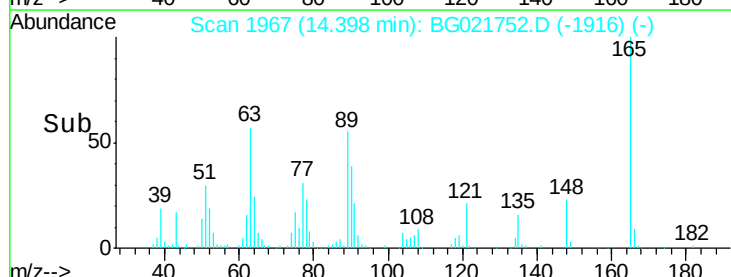
89 55.1 45.3 67.9

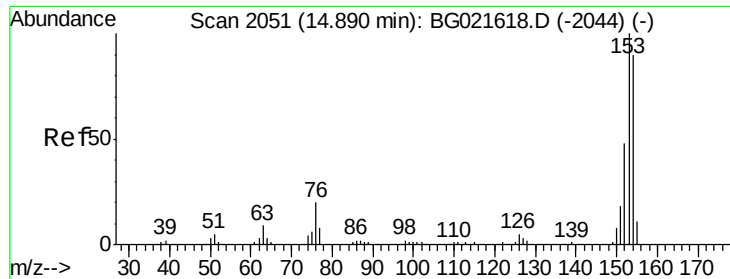


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

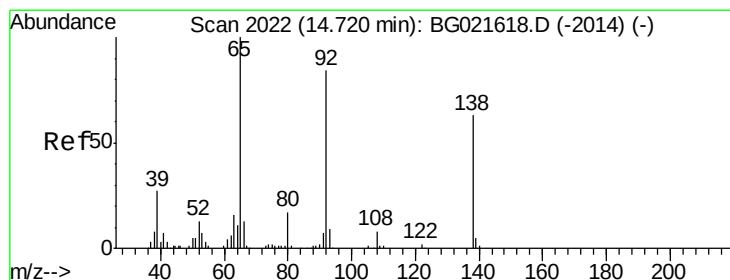
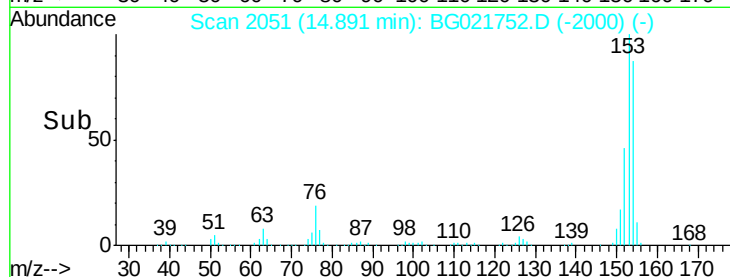
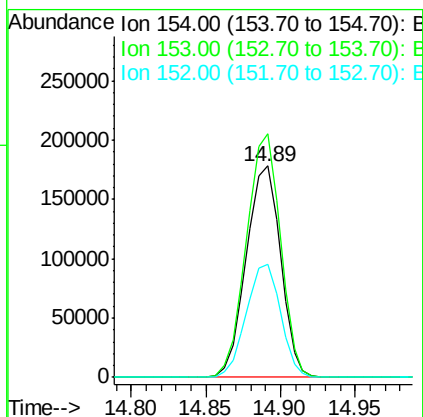
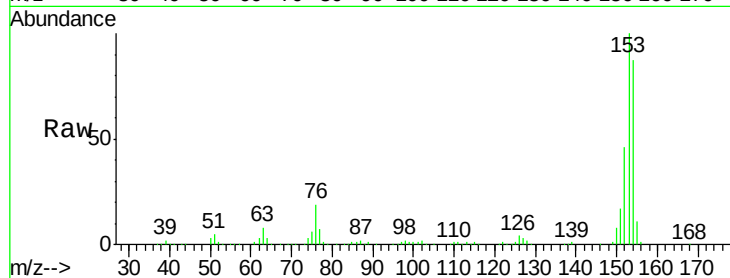




#51
Acenaphthene
Concen: 38.41 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

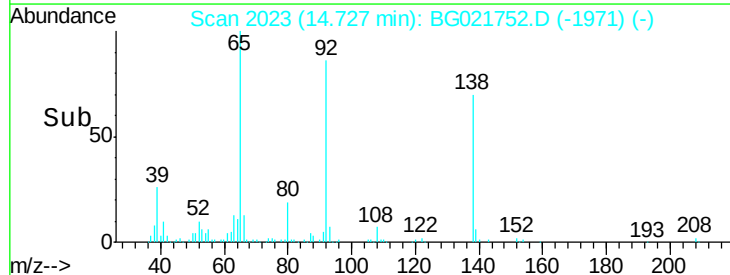
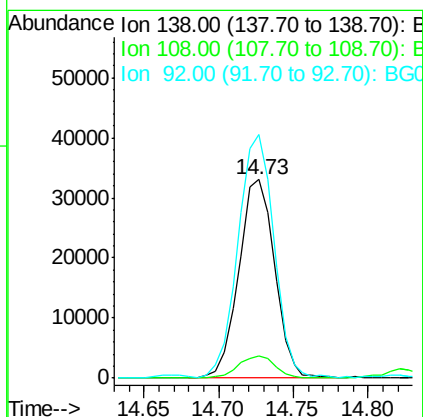
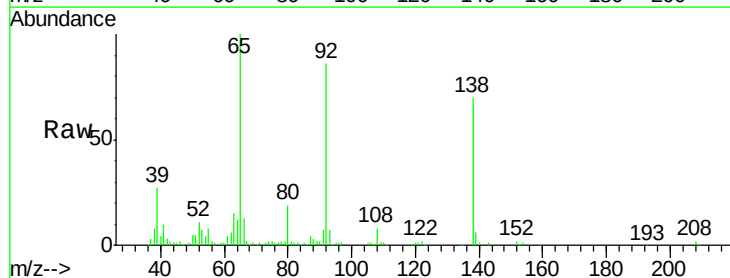
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

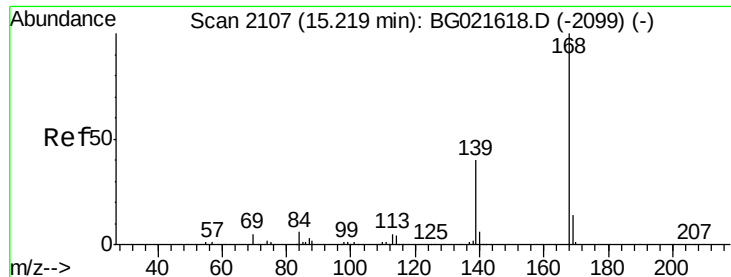
Tgt Ion:154 Resp: 283658
Ion Ratio Lower Upper
154 100
153 115.2 91.9 137.9
152 53.5 42.0 63.0



#52
3-Nitroaniline
Concen: 26.91 ng
RT: 14.73 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:138 Resp: 55191
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 122.7 102.6 154.0

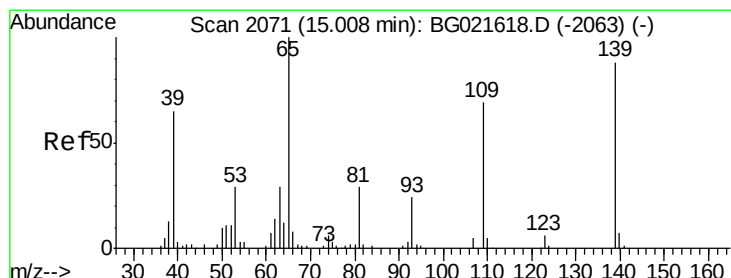
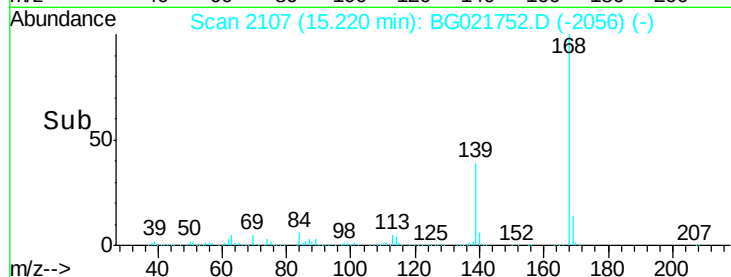
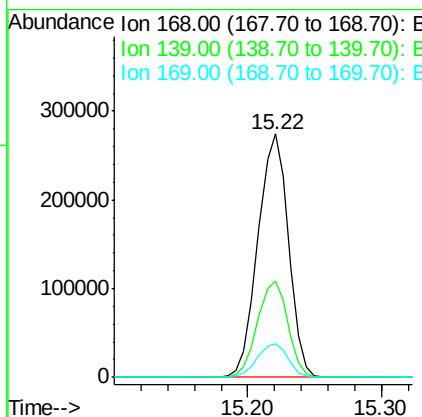
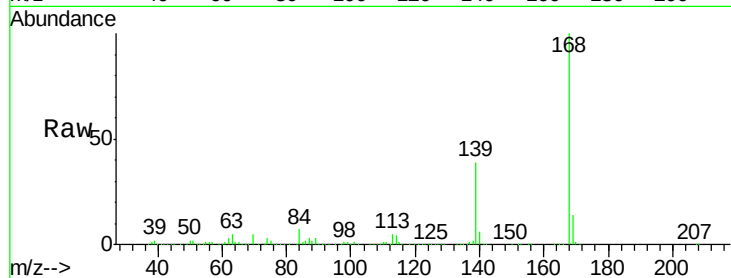




#54
Dibenzenofuran
Concen: 42.96 ng
RT: 15.22 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

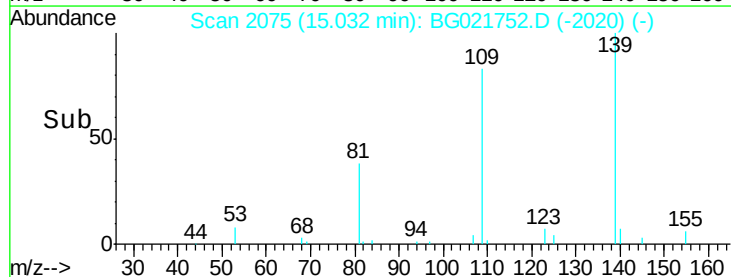
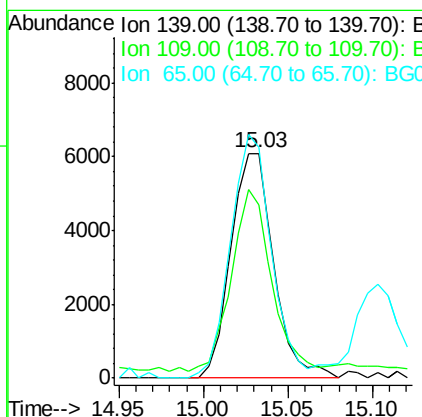
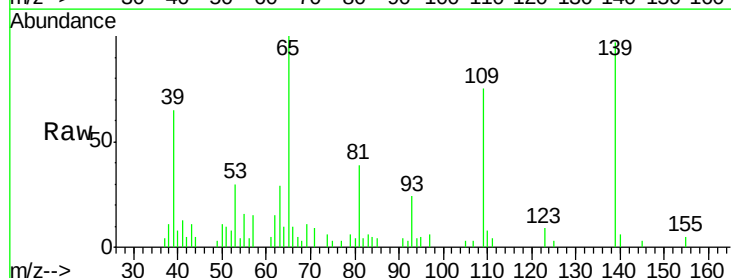
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

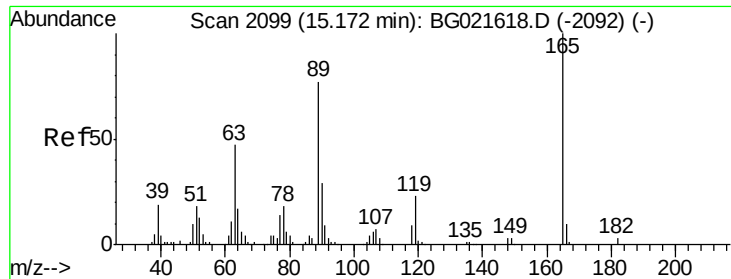
Tgt Ion:168 Resp: 433143
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 14.0 11.0 16.6



#55
4-Nitrophenol
Concen: 6.11 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:139 Resp: 10729
Ion Ratio Lower Upper
139 100
109 77.1 49.2 89.2
65 103.0 83.2 123.2

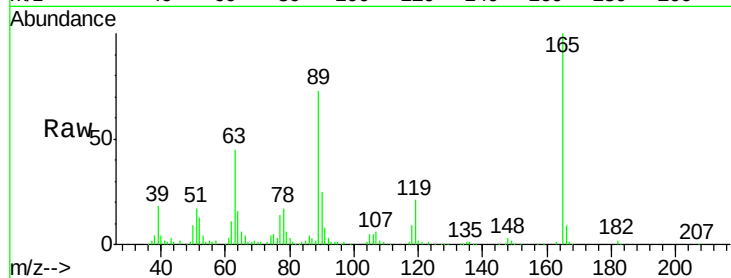




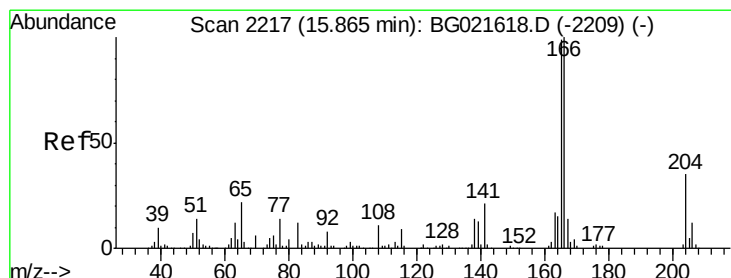
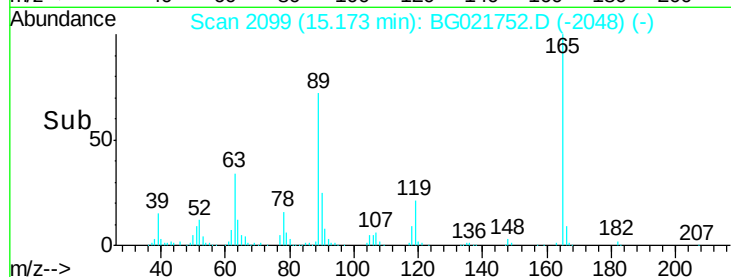
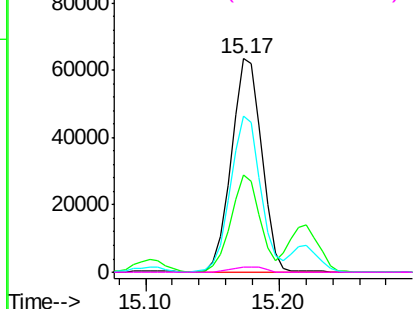
#56
2,4-Dinitrotoluene
Concen: 40.24 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

Tgt Ion:	165	Resp:	100558
Ion	Ratio	Lower	Upper
165	100		
63	45.3	37.4	56.0
89	73.2	59.4	89.0
182	2.4	2.1	3.1

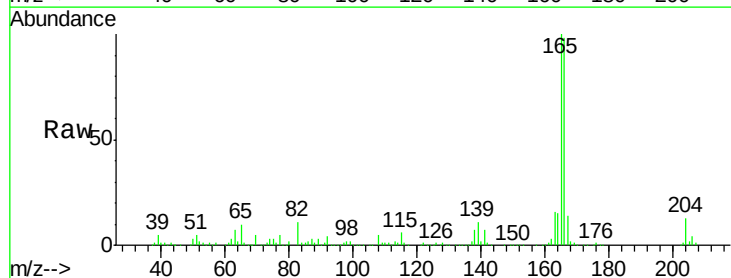


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

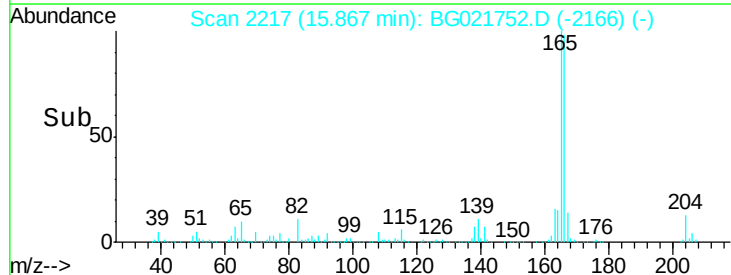
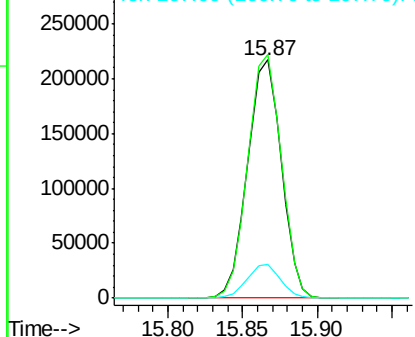


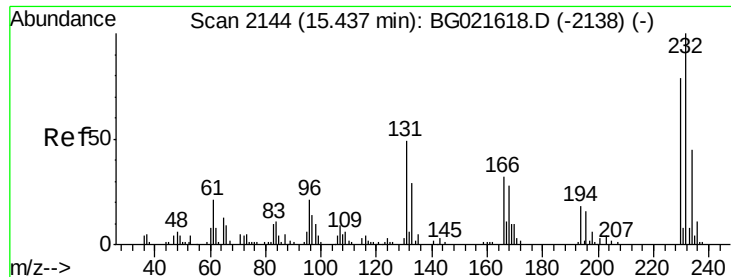
#57
Fluorene
Concen: 37.65 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:	166	Resp:	339054
Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.0	118.4
167	14.0	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

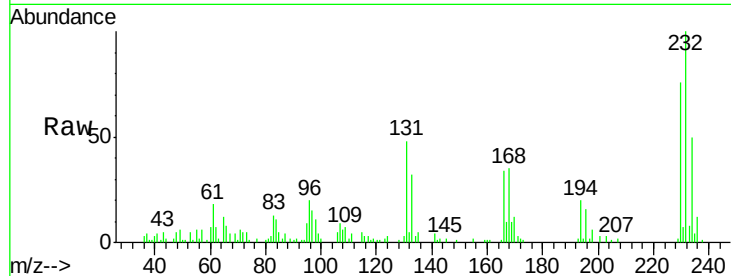




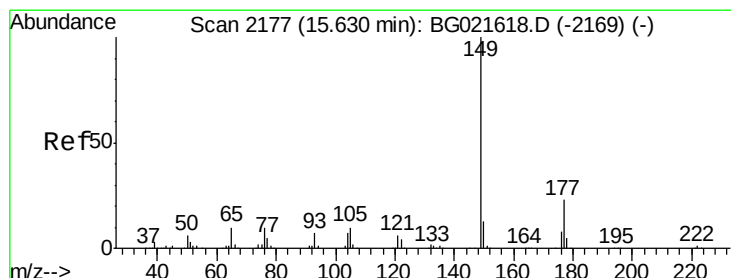
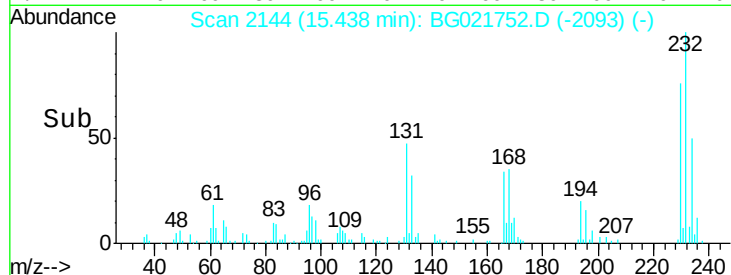
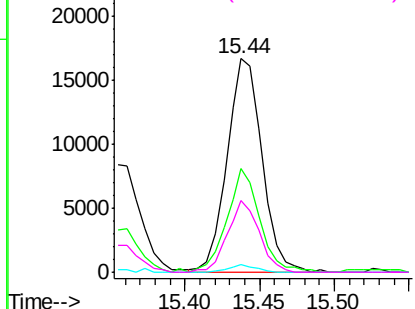
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 13.68 ng
 RT: 15.44 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion: 232 Resp: 27377
 Ion Ratio Lower Upper
 232 100
 131 45.9 36.3 54.5
 130 2.9 1.9 2.9
 166 30.3 25.0 37.4

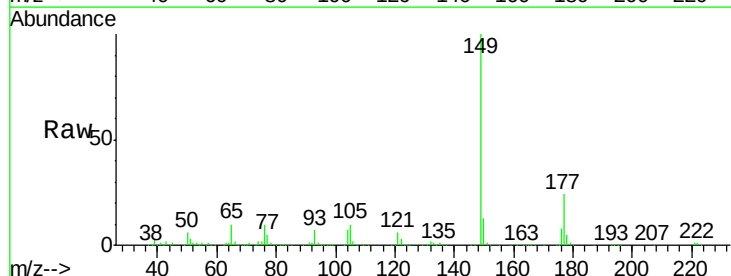


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

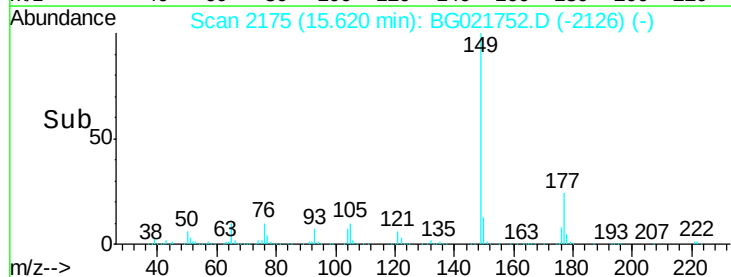
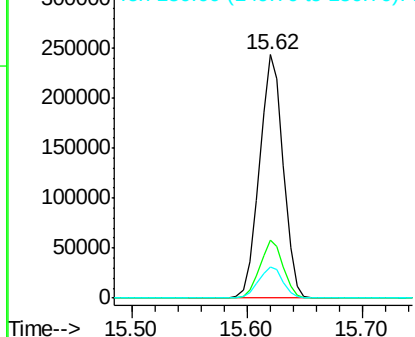


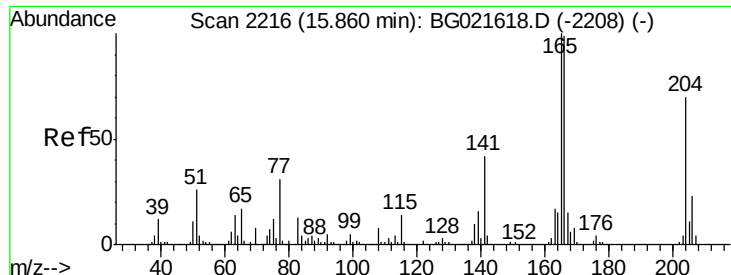
#59
 Diethylphthalate
 Concen: 34.53 ng
 RT: 15.62 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion: 149 Resp: 349577
 Ion Ratio Lower Upper
 149 100
 177 23.9 17.3 25.9
 150 12.9 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

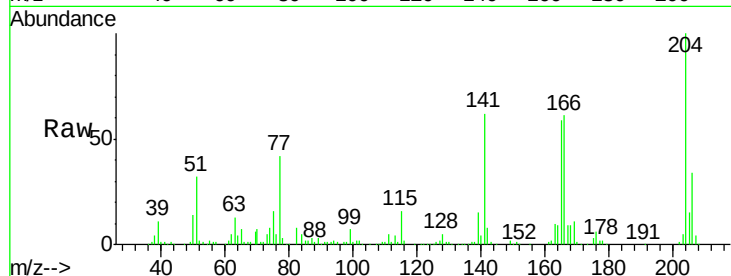




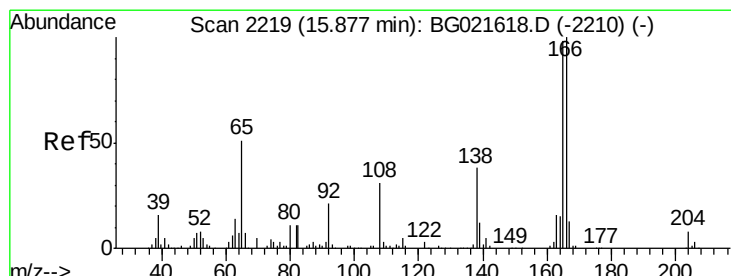
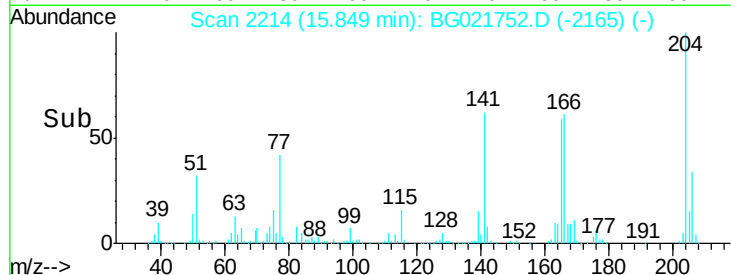
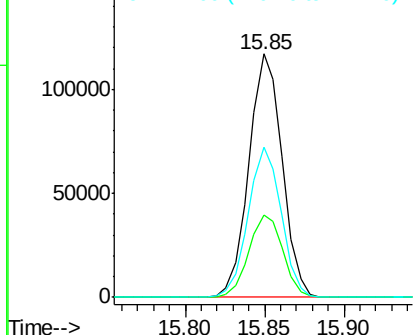
#60
 4-Chlorophenyl-phenylether
 Concen: 38.46 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion: 204 Resp: 170598
 Ion Ratio Lower Upper
 204 100
 206 34.0 27.8 41.8
 141 61.8 51.0 76.4

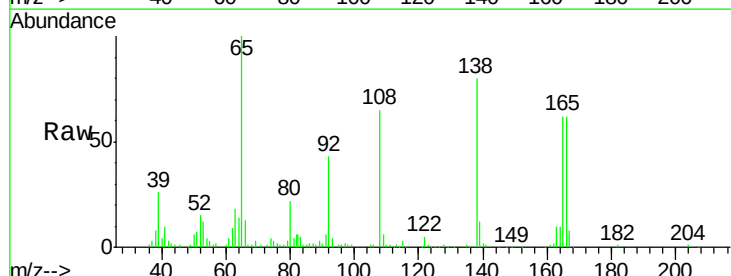


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

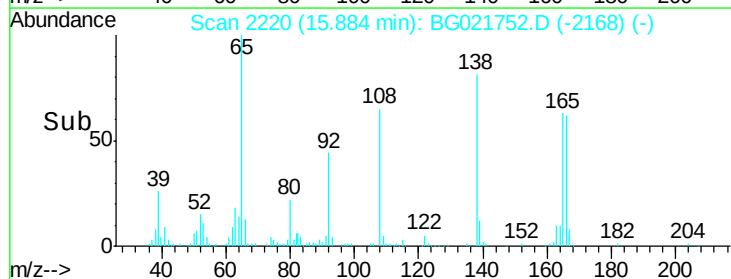
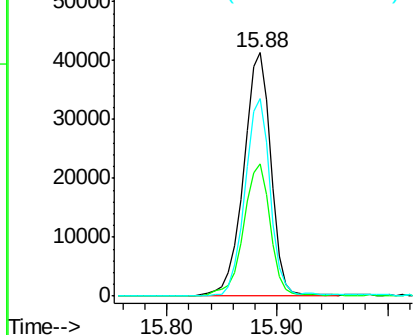


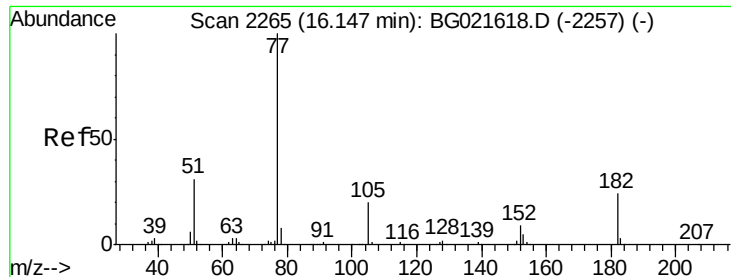
#61
 4-Nitroaniline
 Concen: 31.88 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion: 138 Resp: 71935
 Ion Ratio Lower Upper
 138 100
 92 54.1 37.7 77.7
 108 81.3 59.4 99.4



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





#62

Azobenzene

Concen: 37.21 ng

RT: 16.14 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

Tgt Ion: 77 Resp: 322801

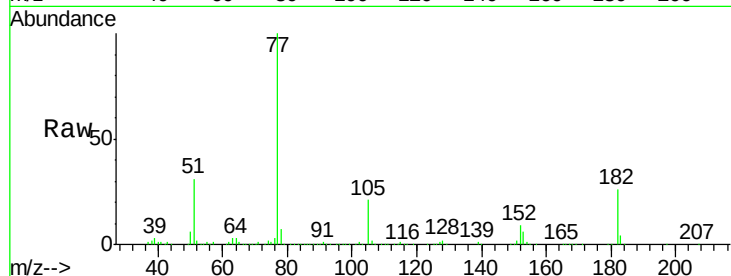
Ion Ratio Lower Upper

77 100

182 26.4 4.1 44.1

105 21.4 0.0 39.8

51 31.3 11.1 51.1

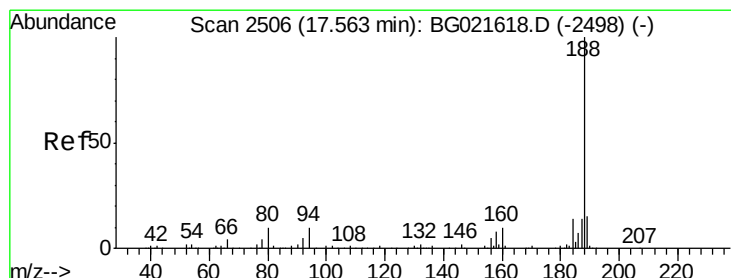
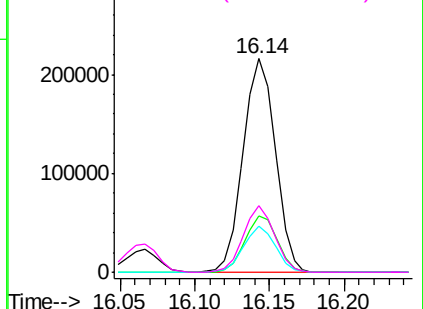
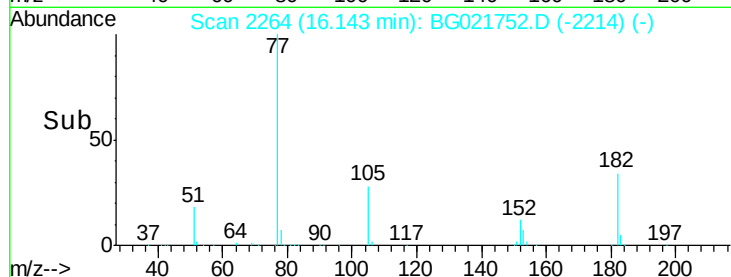


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

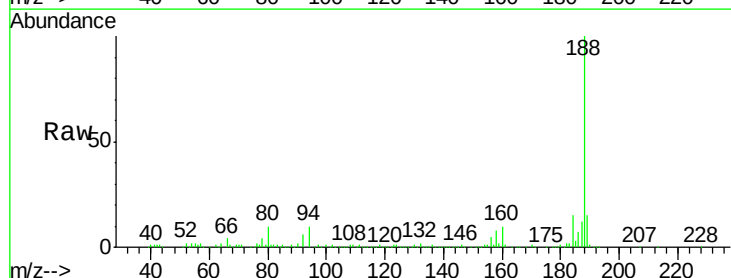
Tgt Ion: 188 Resp: 204519

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

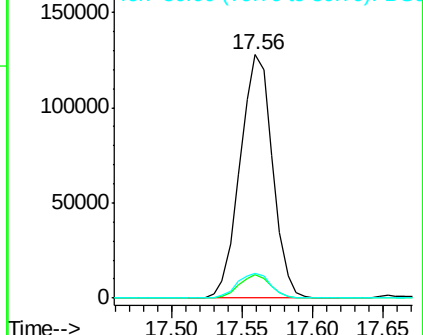
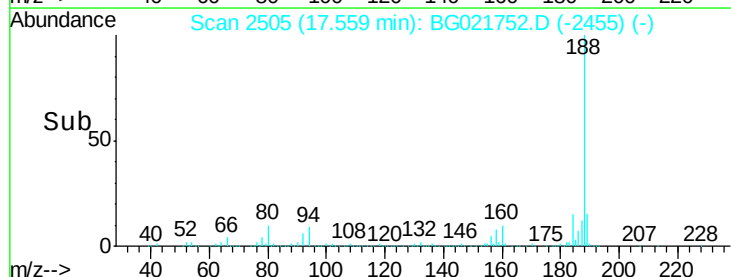
80 10.4 8.6 13.0

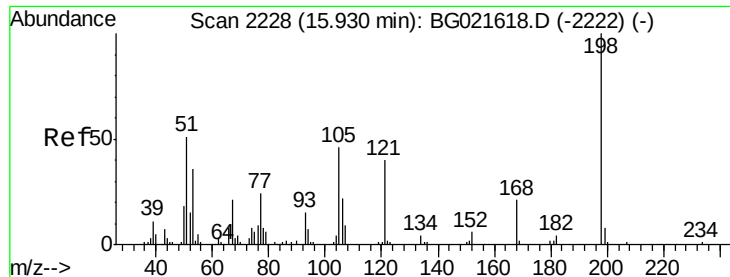


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

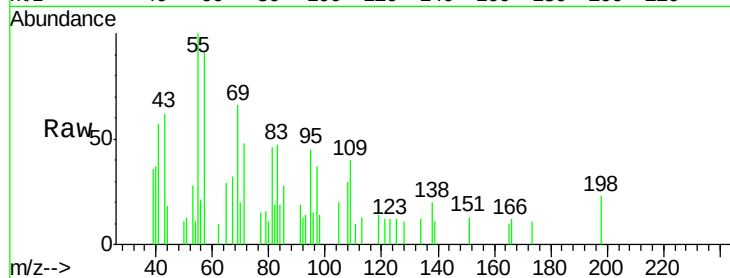




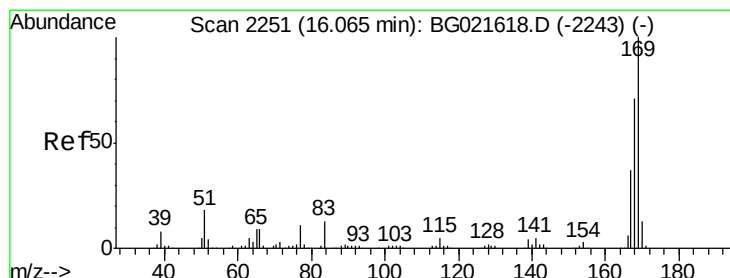
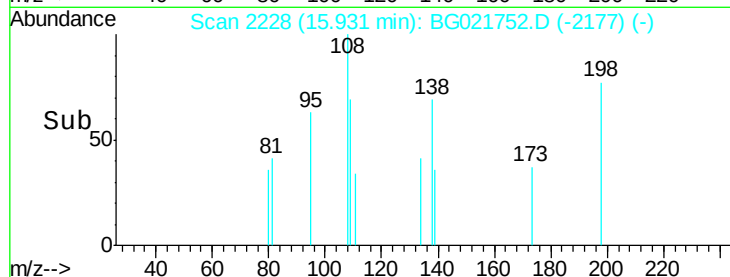
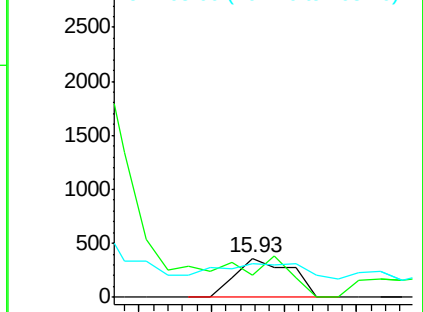
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.80 ng
 RT: 15.93 min Scan# 2228
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion:198 Resp: 382
 Ion Ratio Lower Upper
 198 100
 51 57.1 29.2 69.2
 105 86.4 24.0 64.0#

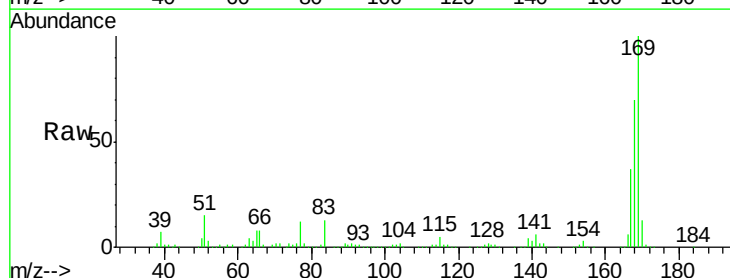


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

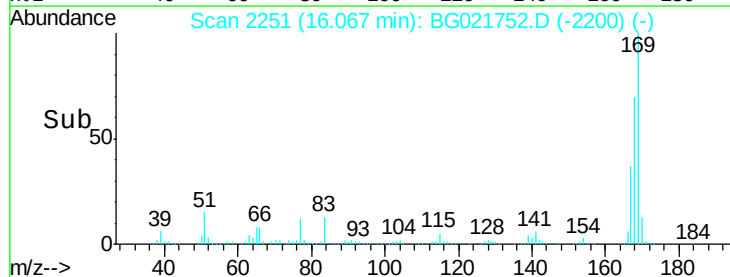
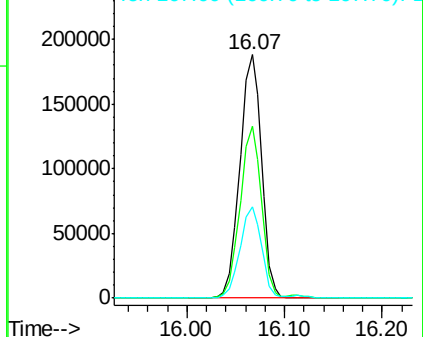


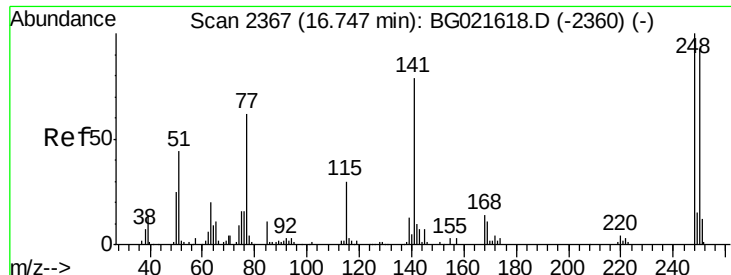
#65
 n-Nitrosodiphenylamine
 Concen: 47.22 ng
 RT: 16.07 min Scan# 2251
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:169 Resp: 289661
 Ion Ratio Lower Upper
 169 100
 168 70.4 59.6 89.4
 167 37.3 31.2 46.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

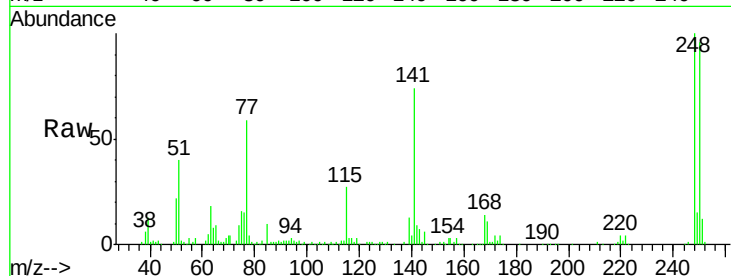




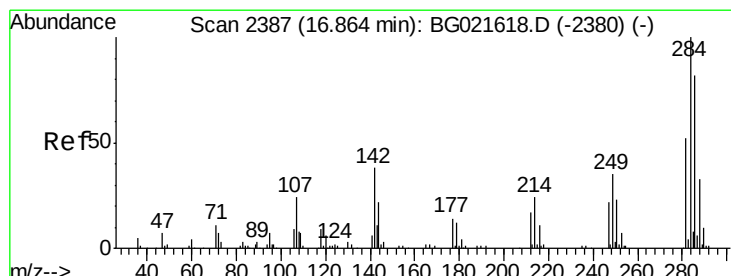
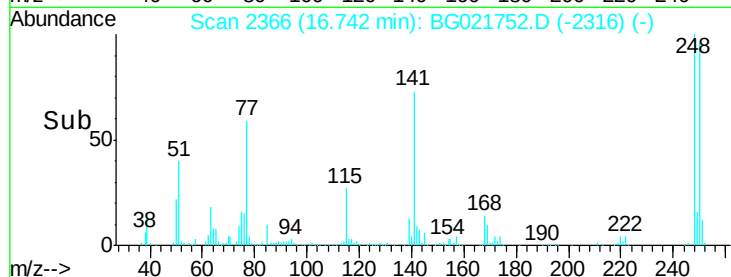
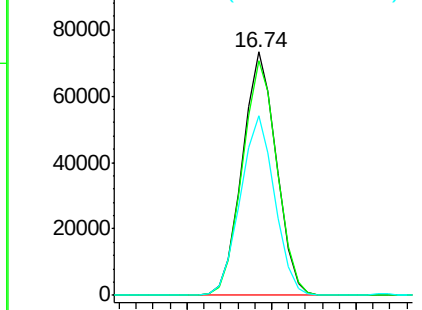
#66
 4-Bromophenyl-phenylether
 Concen: 47.01 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion: 248 Resp: 102999
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.6 114.8
 141 74.0 63.8 95.6

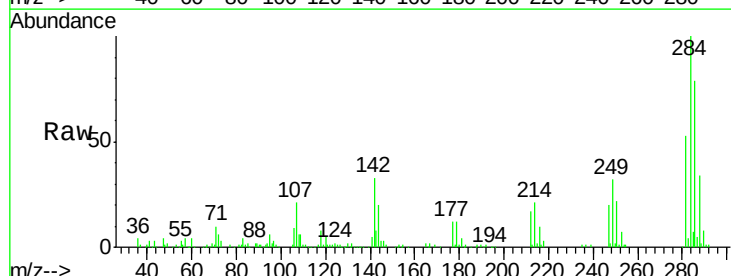


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

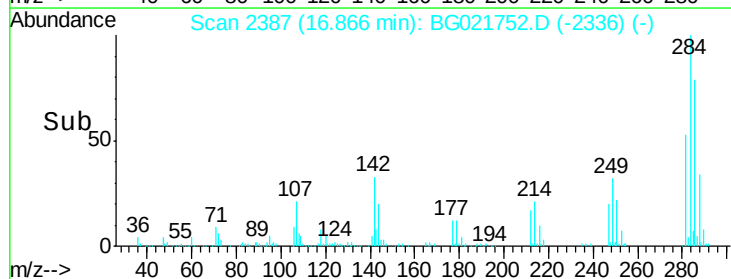
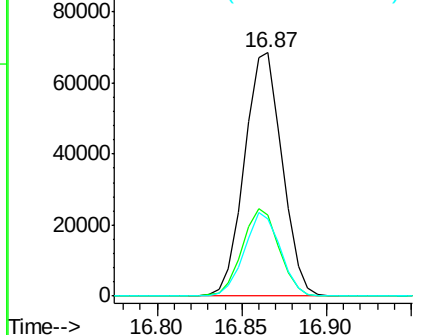


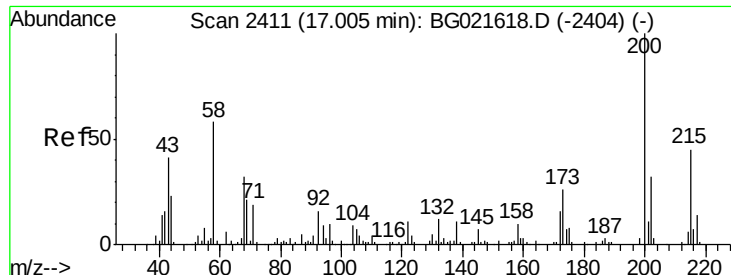
#67
 Hexachlorobenzene
 Concen: 45.94 ng
 RT: 16.87 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion: 284 Resp: 106270
 Ion Ratio Lower Upper
 284 100
 142 33.0 31.8 47.6
 249 31.5 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: 40.60 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

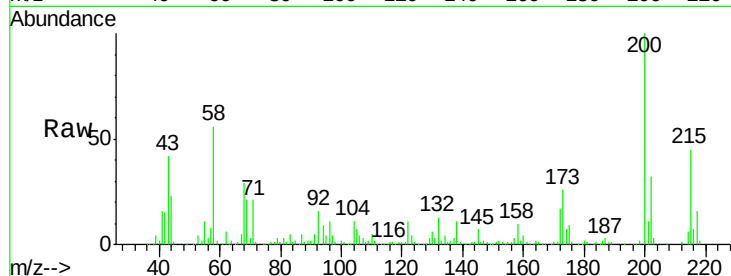
Tgt Ion:200 Resp: 98349

Ion Ratio Lower Upper

200 100

173 25.5 5.1 45.1

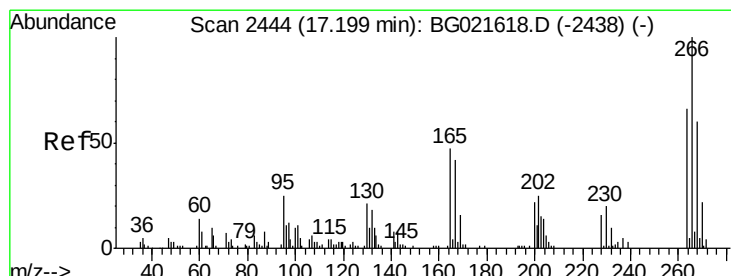
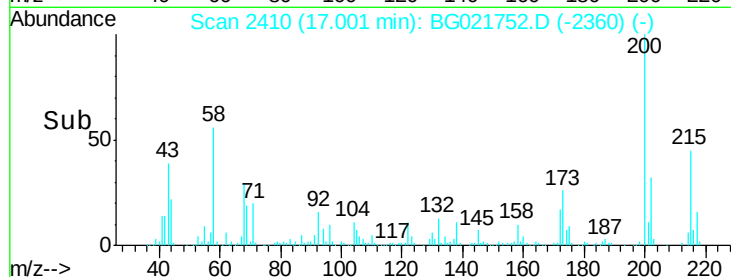
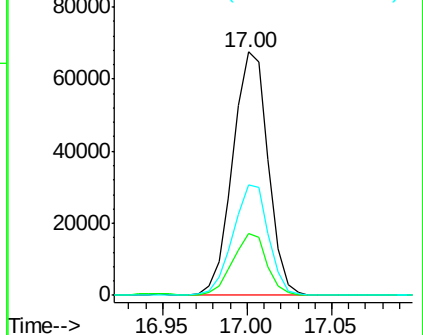
215 45.3 28.0 68.0



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: 7.56 ng

RT: 17.21 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

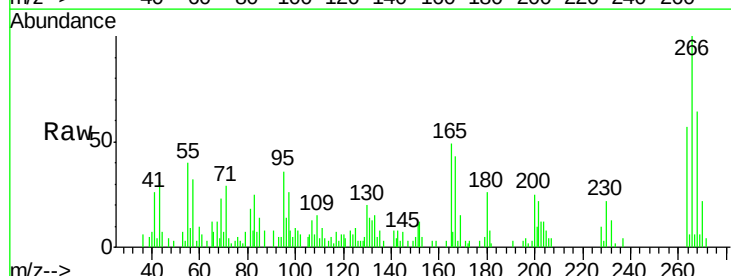
Tgt Ion:266 Resp: 9988

Ion Ratio Lower Upper

266 100

268 63.8 54.5 81.7

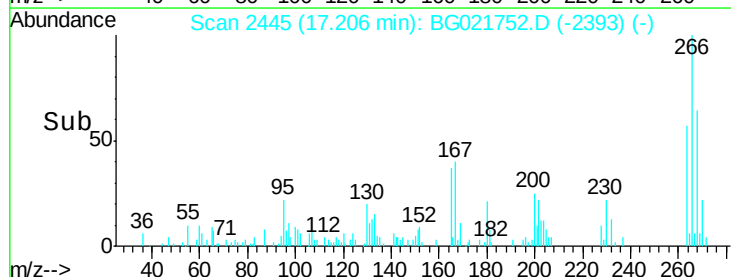
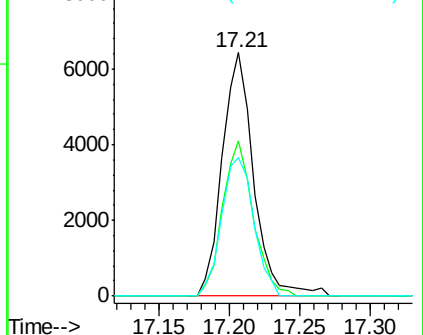
264 57.0 53.8 80.6

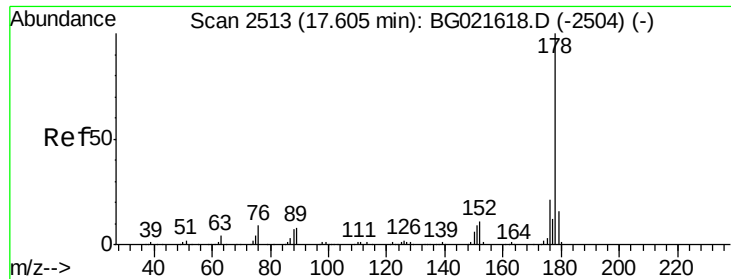


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 46.85 ng

RT: 17.61 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

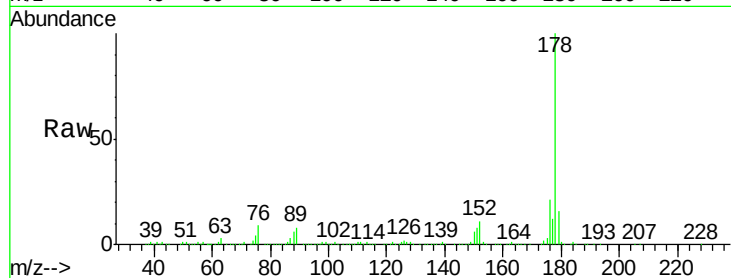
Tgt Ion:178 Resp: 528034

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

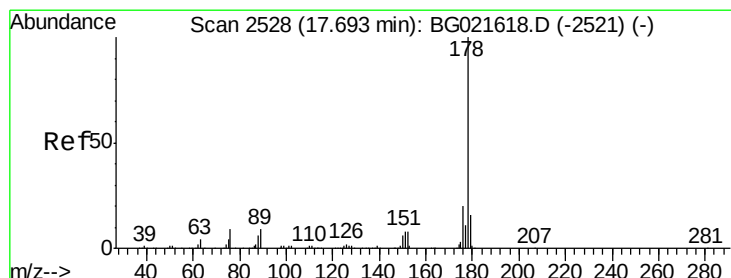
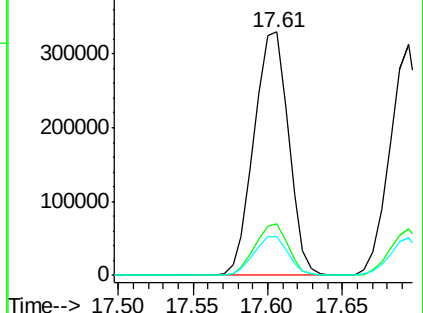
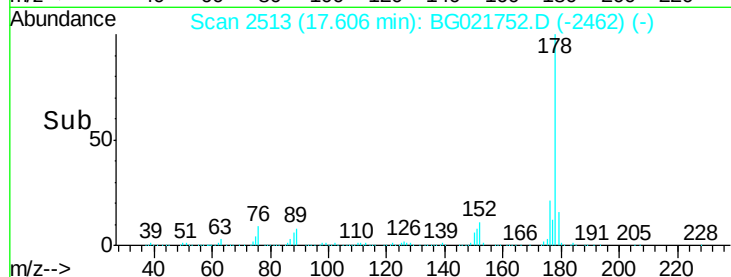
179 16.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 41.51 ng

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

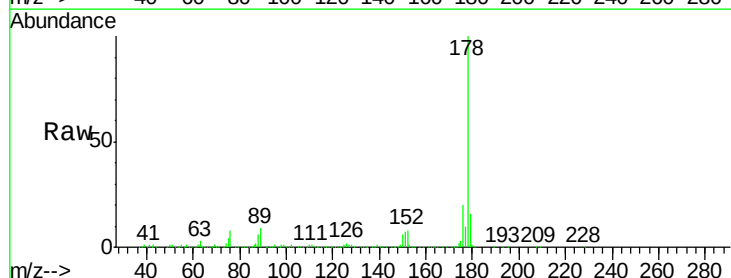
Tgt Ion:178 Resp: 475039

Ion Ratio Lower Upper

178 100

176 20.1 15.0 22.4

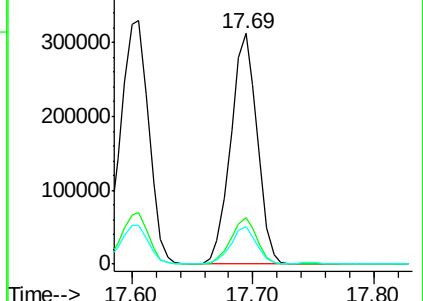
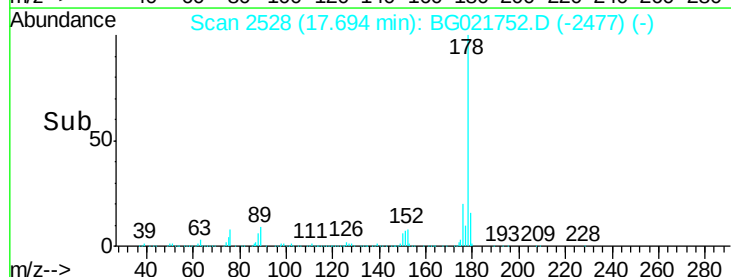
179 16.3 12.2 18.4

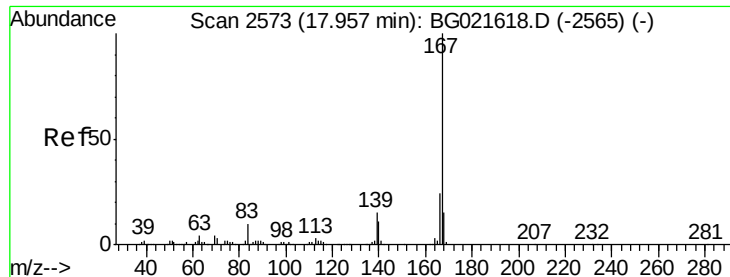


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.12 ng

RT: 17.96 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

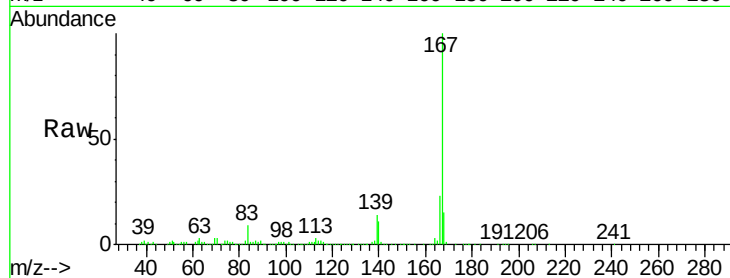
Tgt Ion:167 Resp: 428498

Ion Ratio Lower Upper

167 100

166 23.4 18.6 27.8

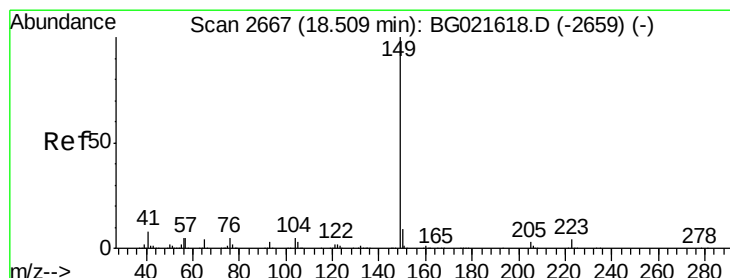
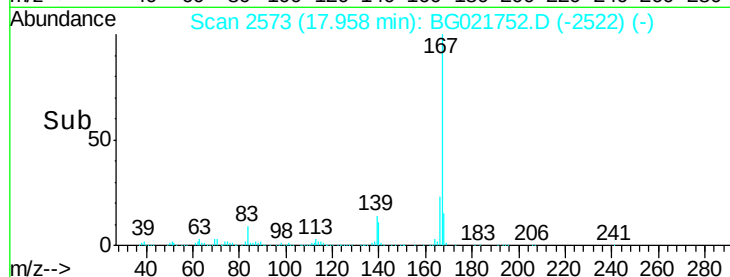
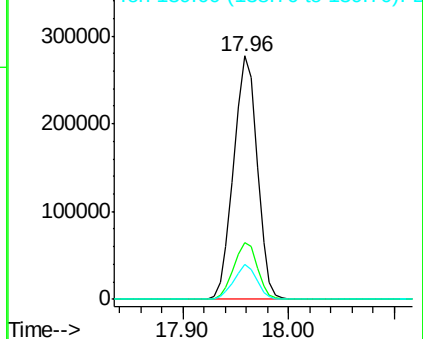
139 14.5 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.49 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

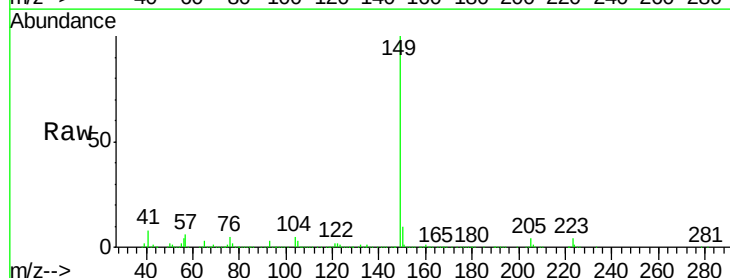
Tgt Ion:149 Resp: 509268

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

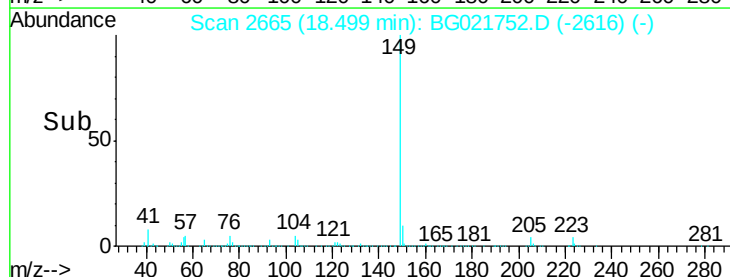
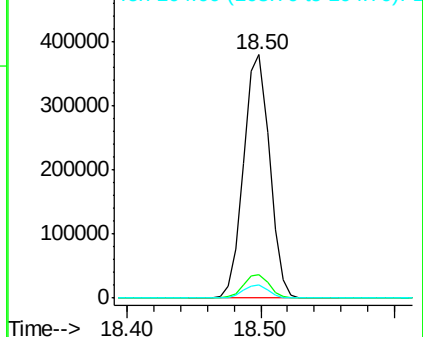
104 5.3 4.0 6.0

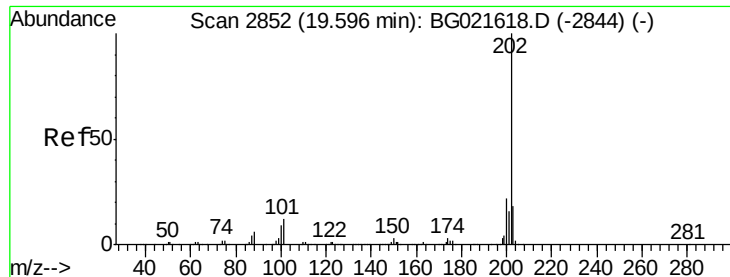


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.35 ng

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

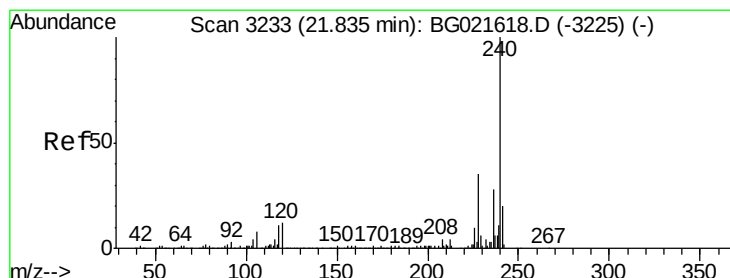
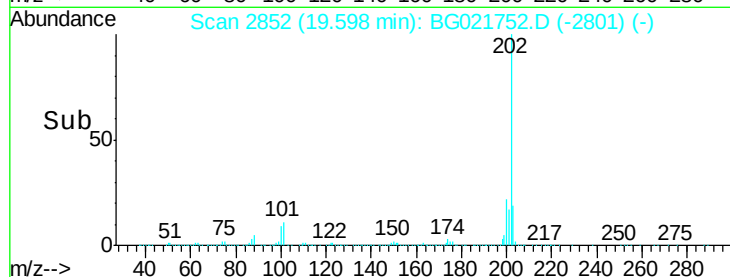
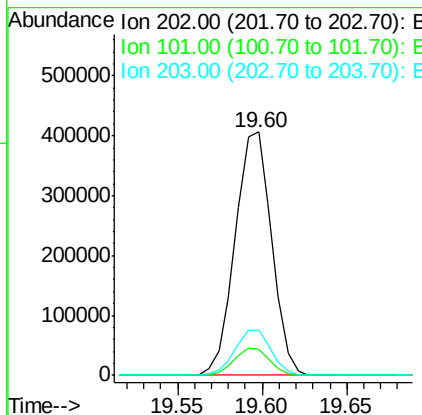
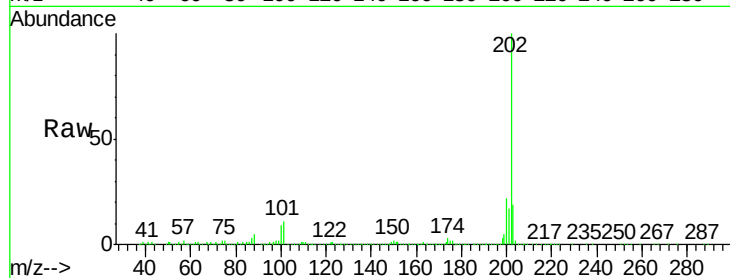
Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

Tgt Ion:	202	Resp:	610337
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.0
203	18.8	0.0	37.9



#75

Chrysene-d12

Concen: 20.00 ng

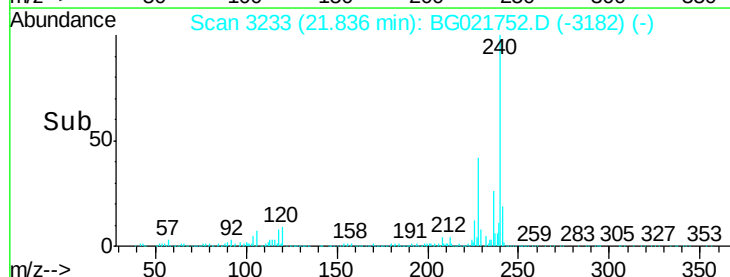
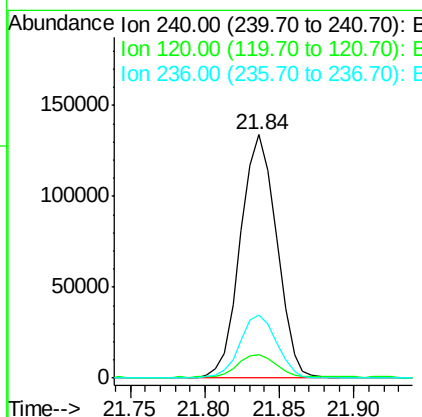
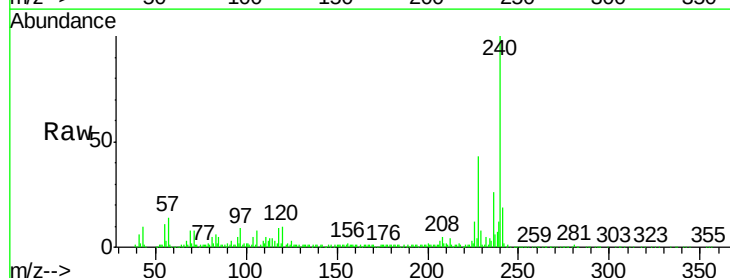
RT: 21.84 min Scan# 3233

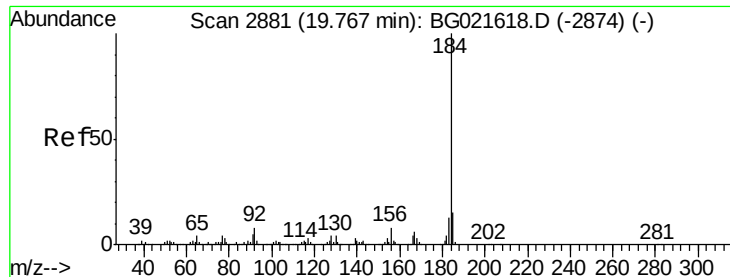
Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Tgt Ion:	240	Resp:	225171
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.4	12.6
236	25.7	19.6	29.4





#76

Benzidine

Concen: 16.96 ng

RT: 19.77 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

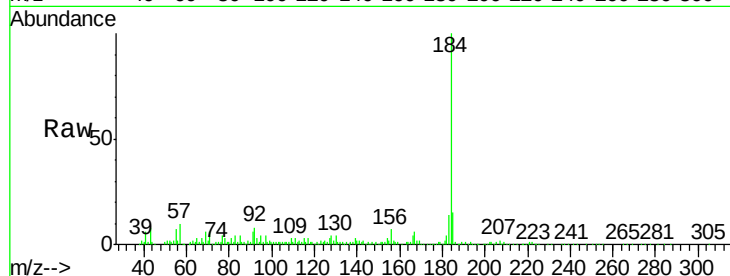
Tgt Ion:184 Resp: 118932

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

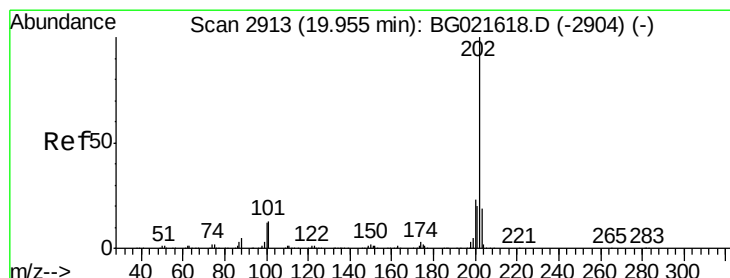
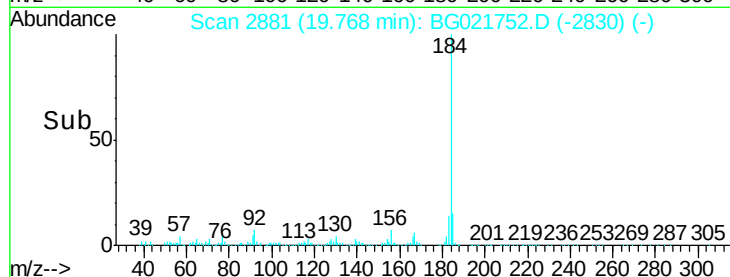
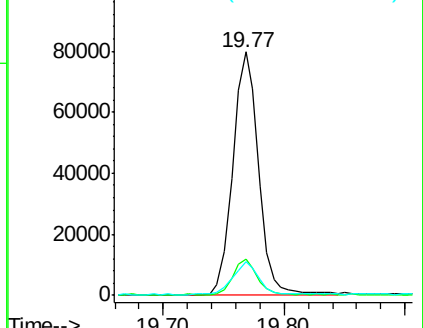
183 13.9 10.2 15.4



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: 47.38 ng

RT: 19.96 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

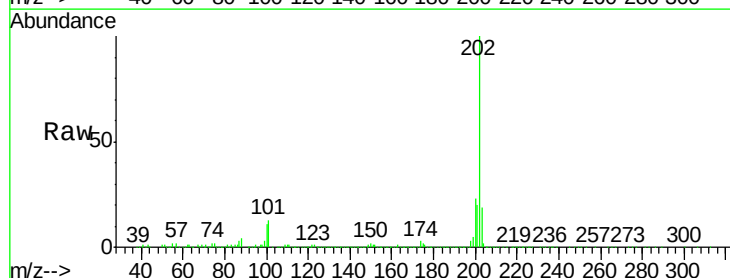
Tgt Ion:202 Resp: 615107

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

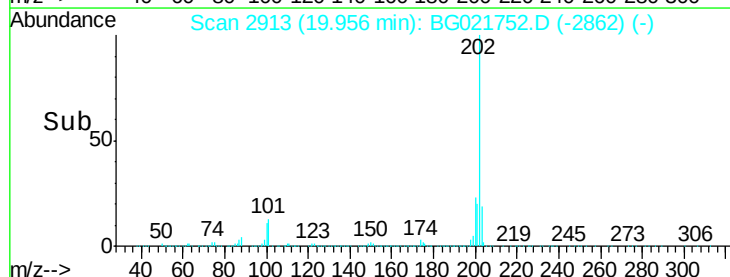
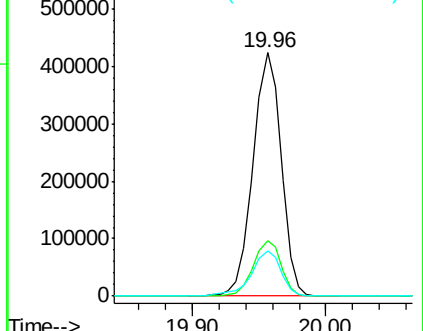
203 18.7 15.0 22.4

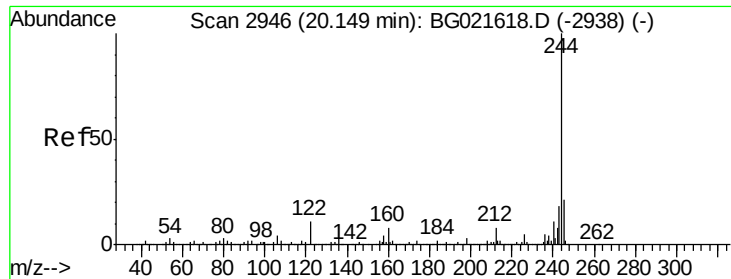


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.19 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

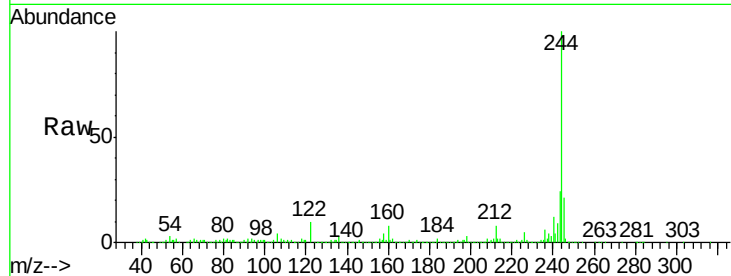
Tgt Ion:244 Resp: 777767

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 10.1 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

800000

600000

400000

200000

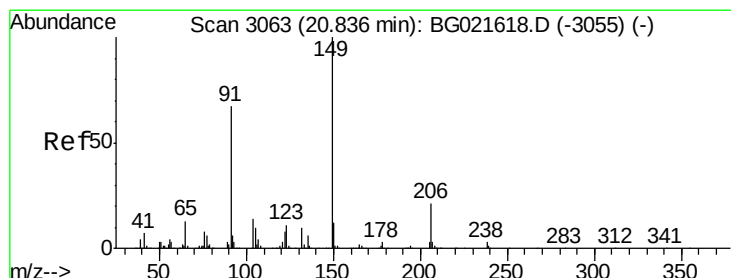
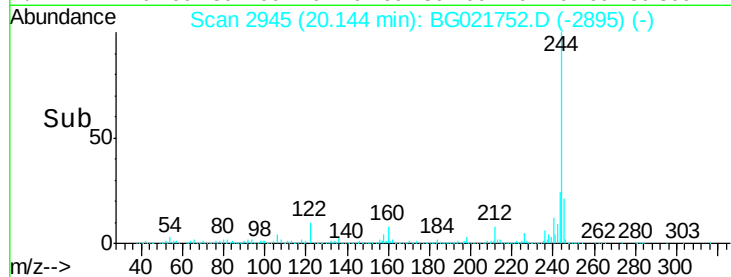
0

20.14

20.10

20.20

Time-->



#79

Butylbenzylphthalate

Concen: 39.48 ng

RT: 20.83 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

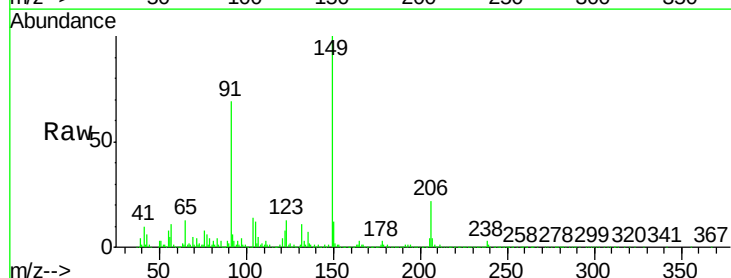
Tgt Ion:149 Resp: 237964

Ion Ratio Lower Upper

149 100

91 69.3 57.8 86.8

206 22.2 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

250000

200000

150000

100000

50000

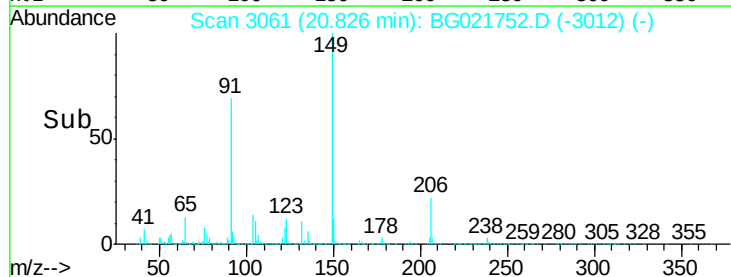
0

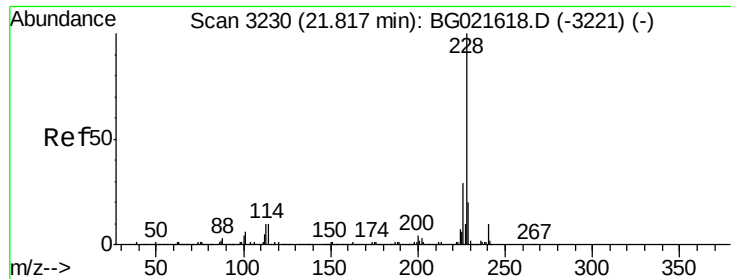
20.83

20.75

20.85

Time-->

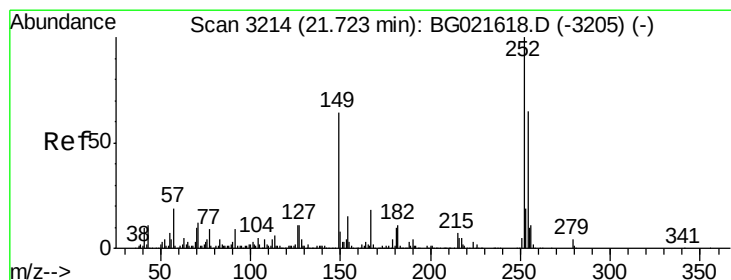
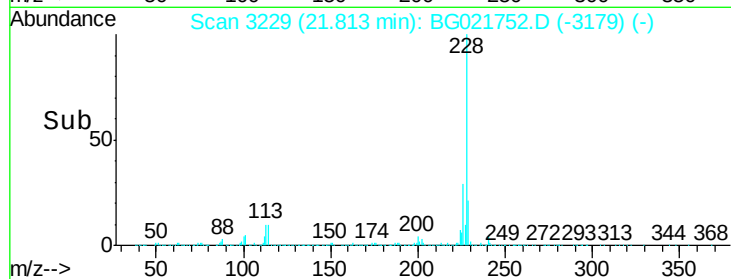
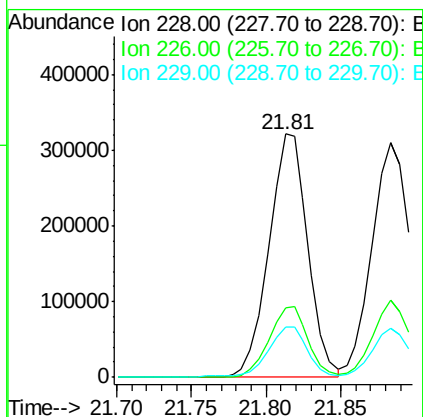
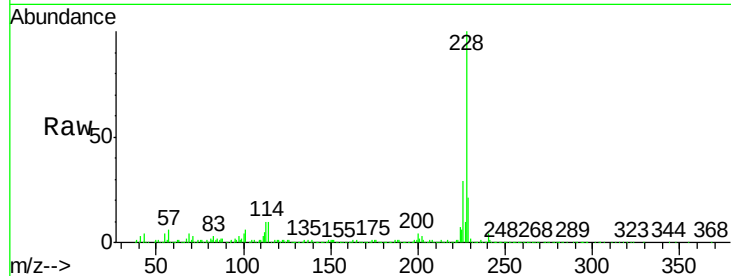




#80
Benzo(a)anthracene
Concen: 44.82 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

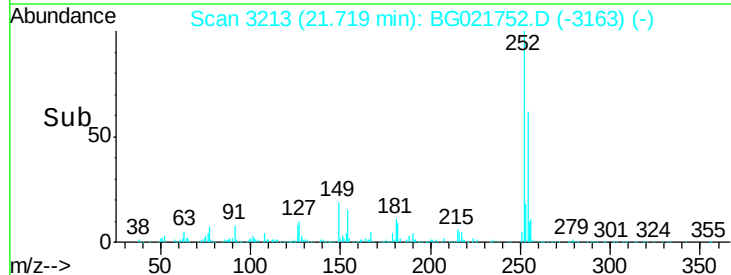
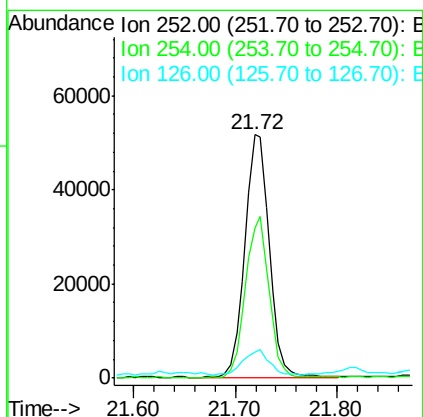
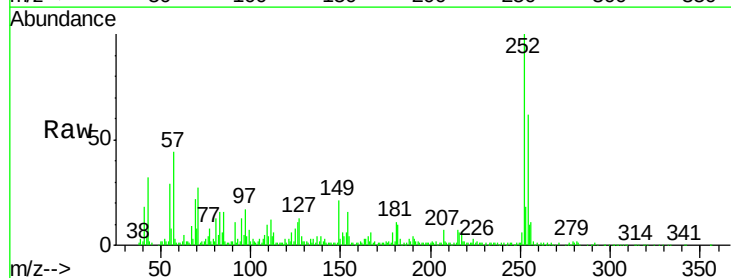
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

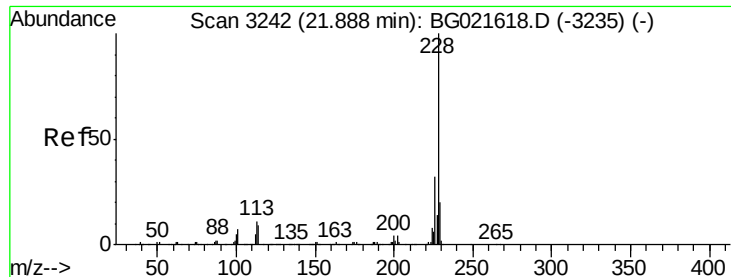
Tgt Ion:228 Resp: 580771
Ion Ratio Lower Upper
228 100
226 28.6 22.6 34.0
229 20.9 16.1 24.1



#81
3,3'-Dichlorobenzidine
Concen: 8.53 ng
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:252 Resp: 87530
Ion Ratio Lower Upper
252 100
254 61.8 51.8 77.6
126 10.6 8.8 13.2





#82

Chrysene

Concen: 43.16 ng

RT: 21.88 min Scan# 3241

Delta R.T. -0.00 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

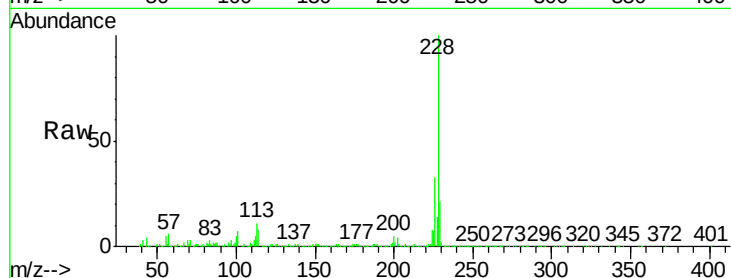
Tgt Ion:228 Resp: 537273

Ion Ratio Lower Upper

228 100

226 33.0 25.4 38.0

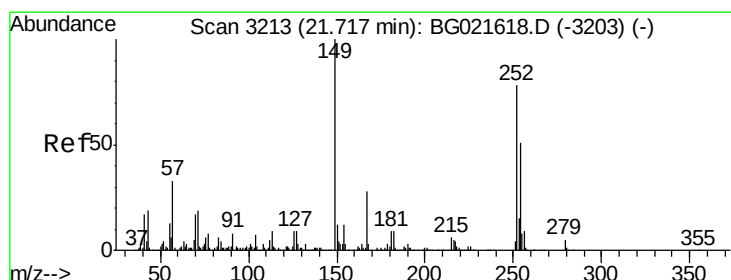
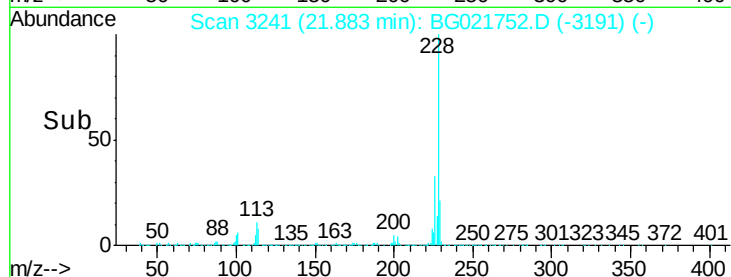
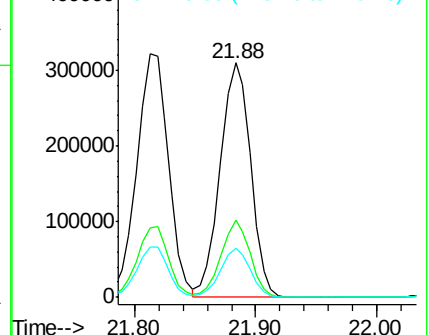
229 21.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 41.36 ng

RT: 21.70 min Scan# 3209

Delta R.T. -0.02 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

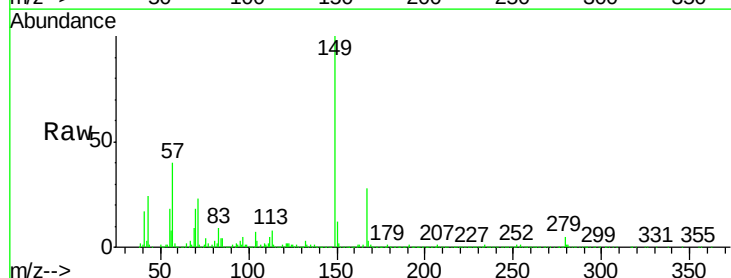
Tgt Ion:149 Resp: 364629

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

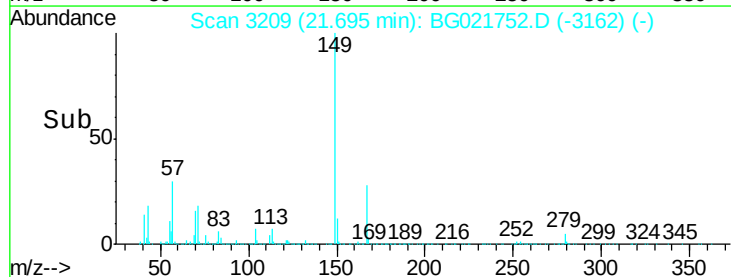
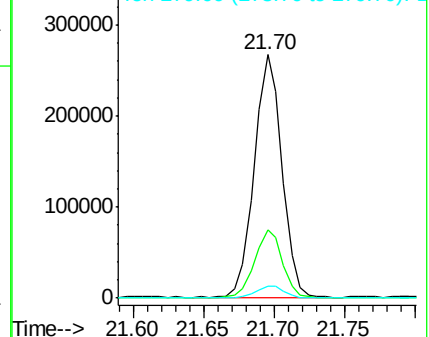
279 4.7 3.2 4.8

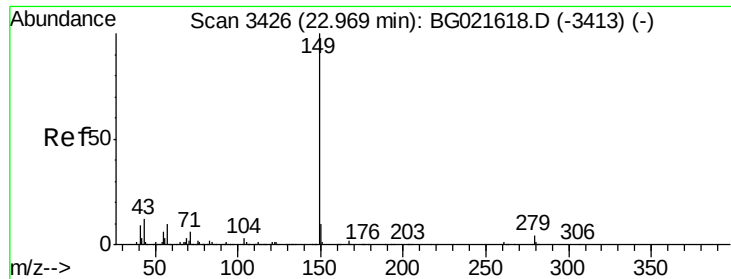


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

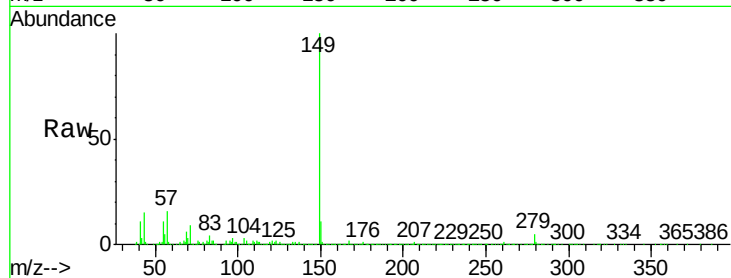




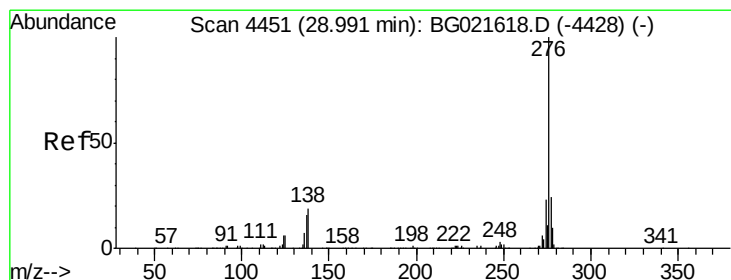
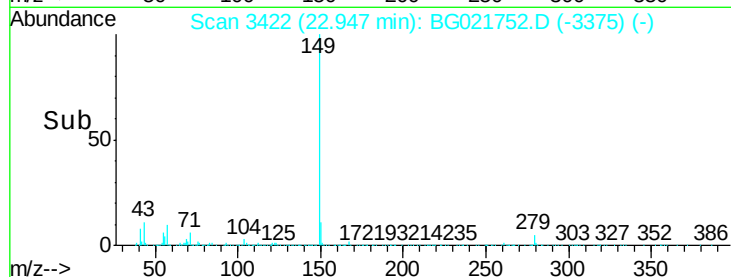
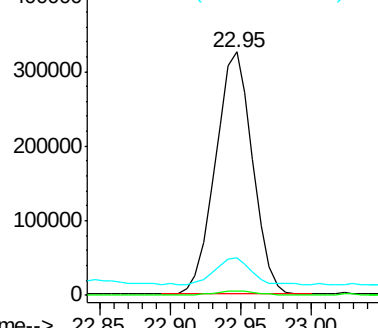
#84
 Di-n-octyl phthalate
 Concen: 40.51 ng
 RT: 22.95 min Scan# 3422
 Delta R.T. -0.02 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

Tgt Ion:	149	Resp:	598240
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.8	9.8	14.6

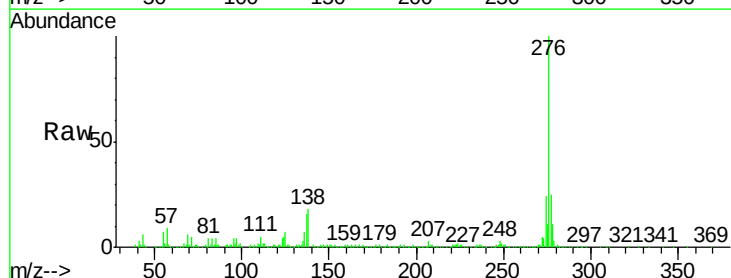


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): B

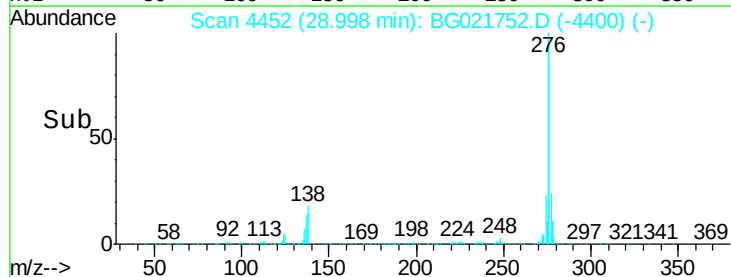
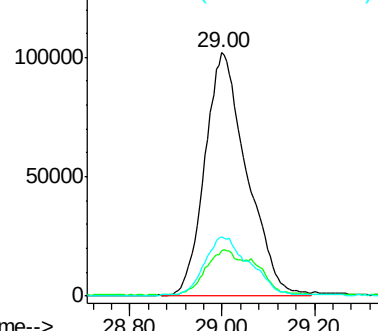


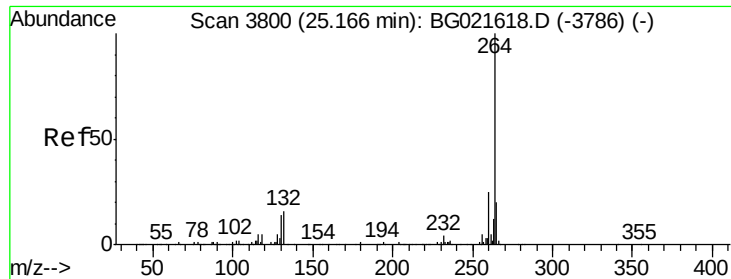
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.35 ng
 RT: 29.00 min Scan# 4452
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:	276	Resp:	641587
Ion	Ratio	Lower	Upper
276	100		
138	15.1	14.0	21.0
277	25.9	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

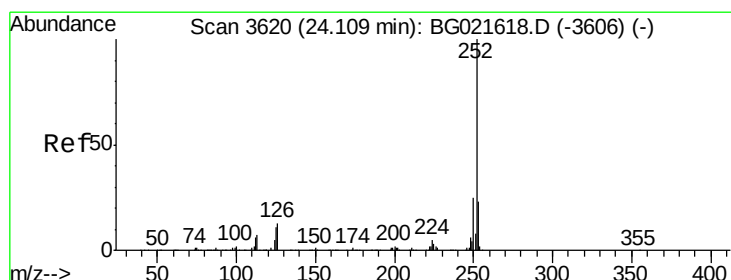
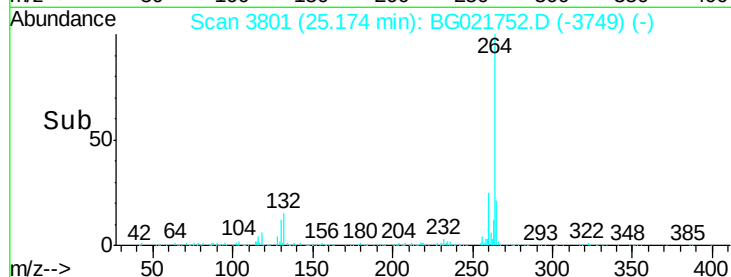
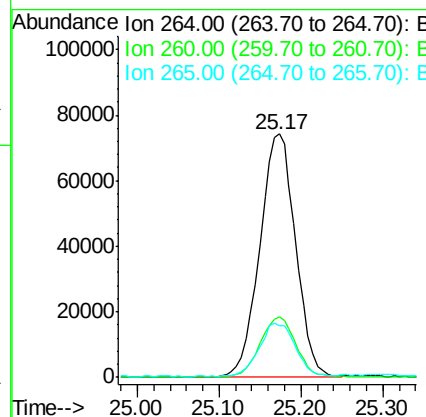
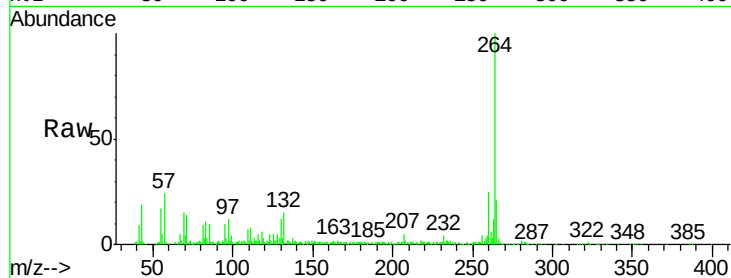




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. 0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

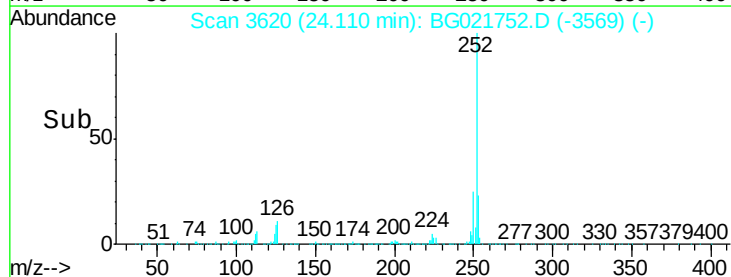
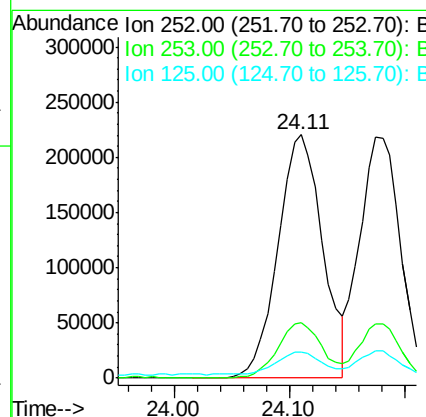
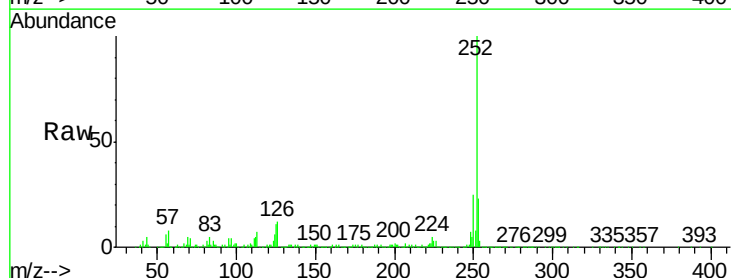
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

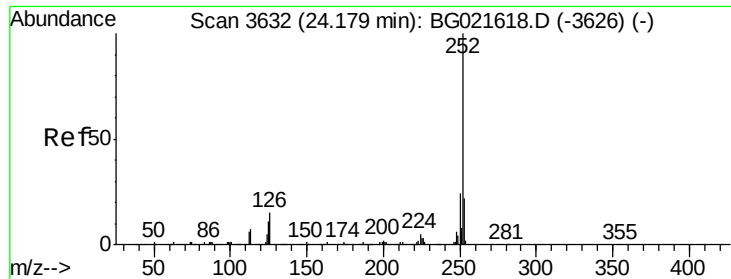
Tgt Ion:	264	Resp:	225957
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.4
265	21.2	17.8	26.8



#87
Benzo(b)fluoranthene
Concen: 44.98 ng
RT: 24.11 min Scan# 3620
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion:	252	Resp:	589742
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.8	8.6	13.0

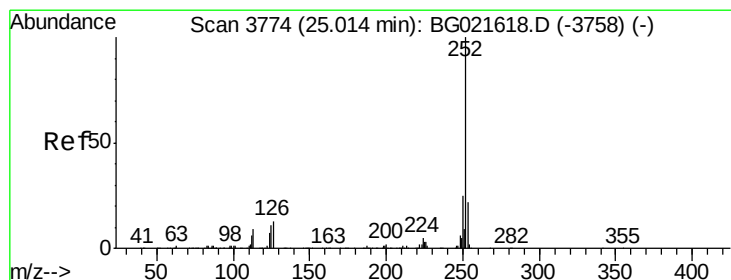
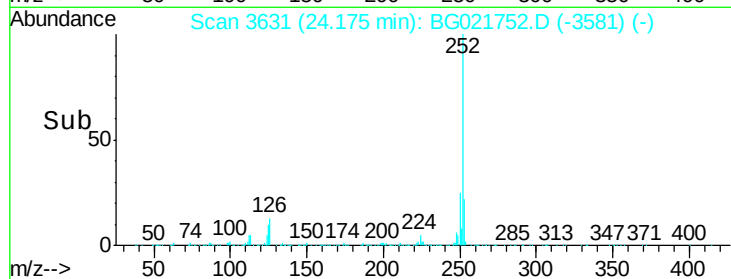
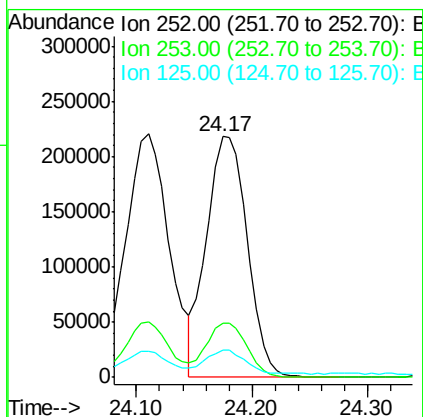
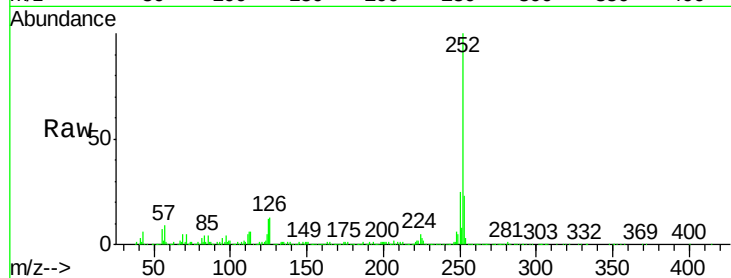




#88
Benzo(k)fluoranthene
Concen: 41.53 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

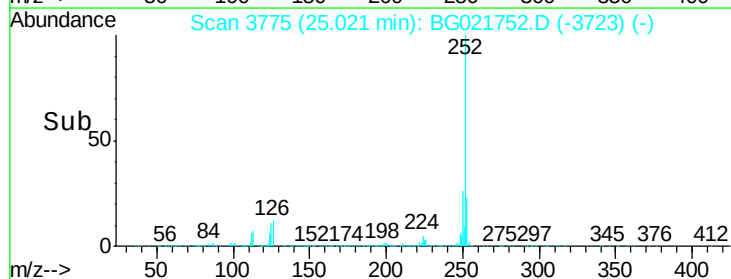
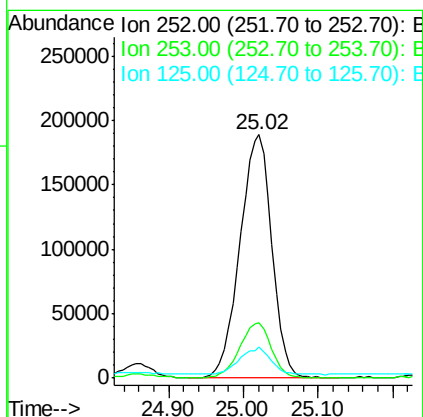
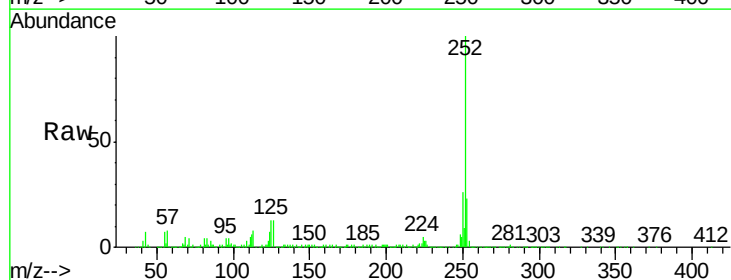
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

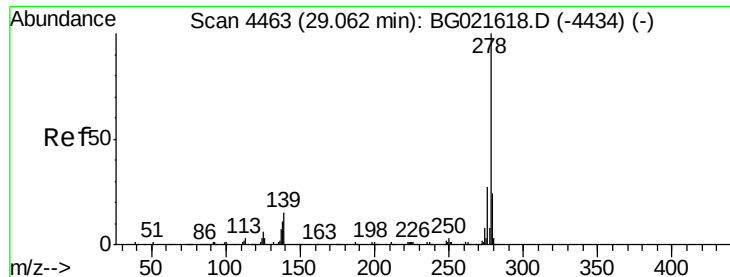
Tgt Ion: 252 Resp: 532476
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.5 8.3 12.5



#89
Benzo(a)pyrene
Concen: 43.89 ng
RT: 25.02 min Scan# 3775
Delta R.T. 0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

Tgt Ion: 252 Resp: 557515
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 12.7 9.6 14.4





#90

Dibenzo(a,h)anthracene

Concen: 41.33 ng

RT: 29.07 min Scan# 4464

Delta R.T. 0.01 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

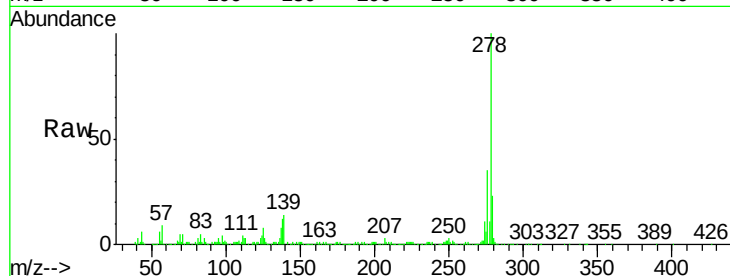
Tgt Ion:278 Resp: 526414

Ion Ratio Lower Upper

278 100

139 14.3 11.9 17.9

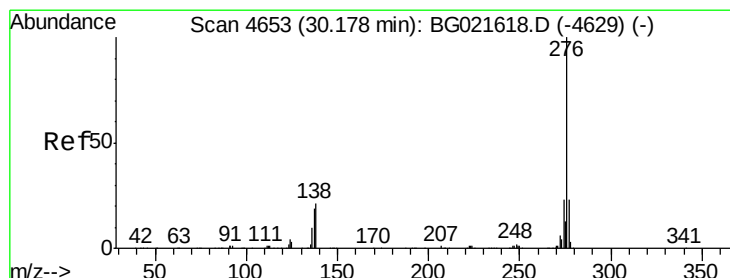
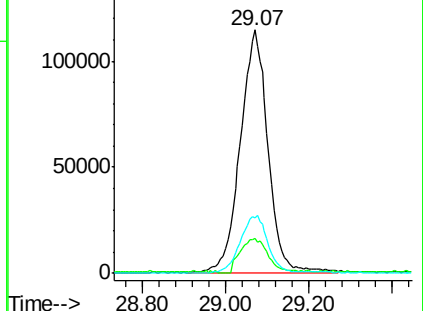
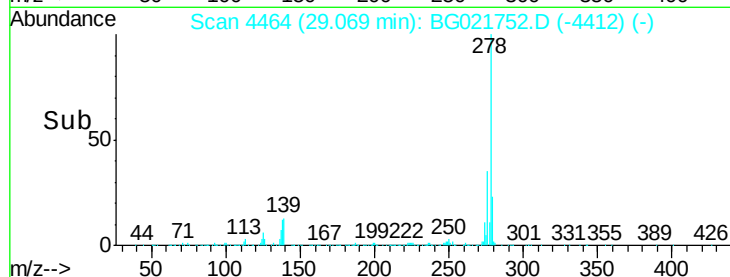
279 22.7 18.2 27.2



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: 42.85 ng

RT: 30.21 min Scan# 4658

Delta R.T. 0.03 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

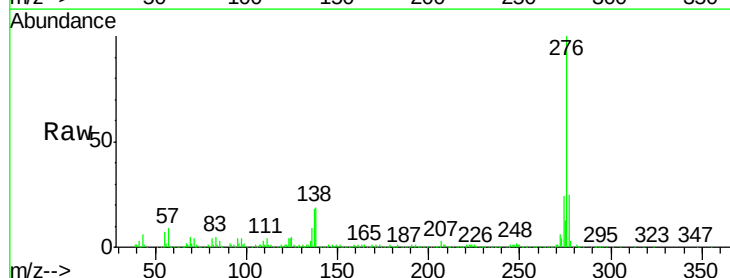
Tgt Ion:276 Resp: 535497

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.2

138 19.1 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

