

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
 Data File : BG021752.D
 Acq On : 19 Apr 2016 2:56
 Operator : UM/SJ
 Sample : H2503-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Apr 19 11:34:03 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
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
42) 2,4,6-Trichlorophenol	13.27	196	71847	32.14	ng	98

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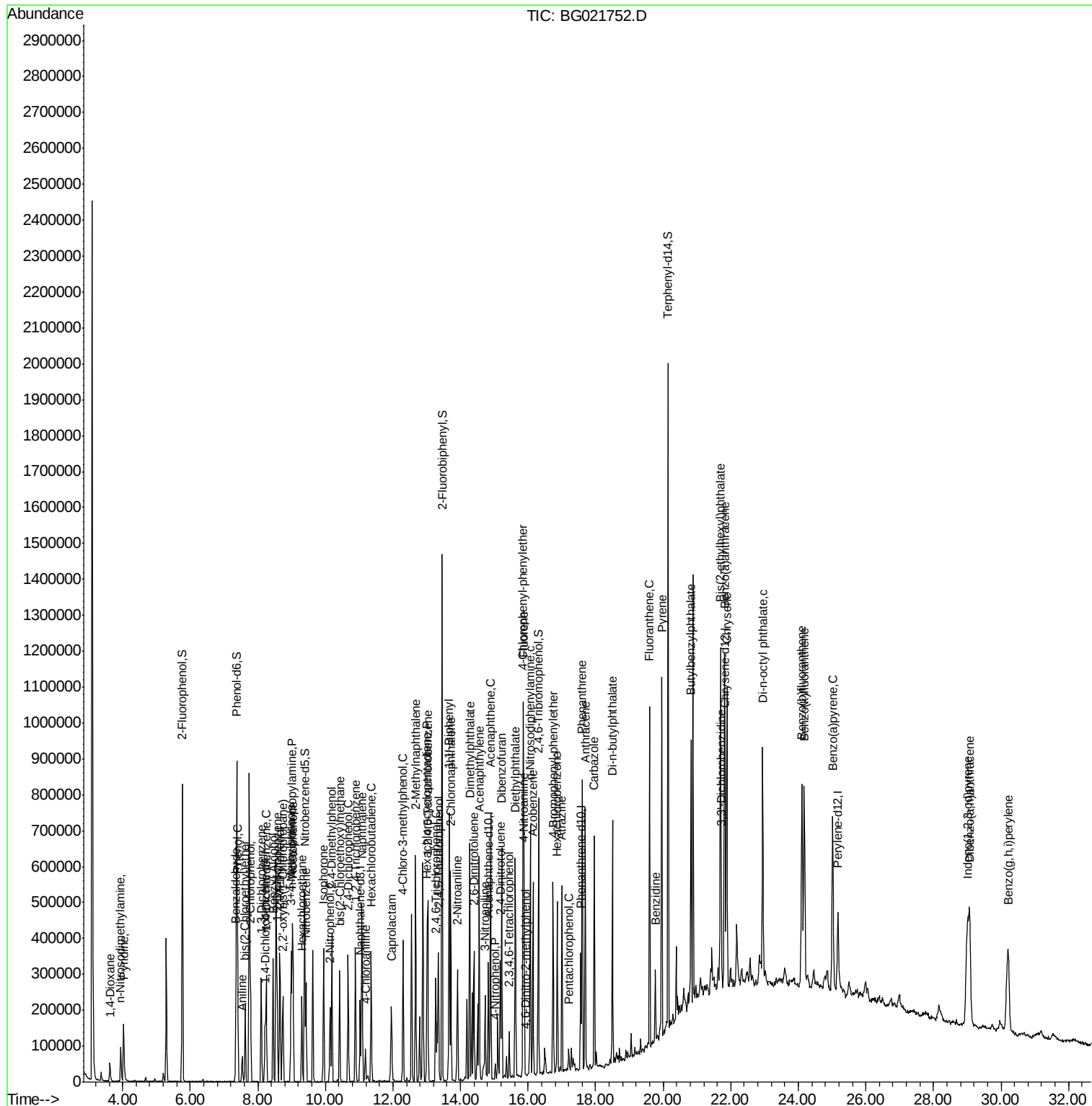
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.35	196	98919	41.01	nq	97
45) 1,1'-Biphenyl	13.66	154	385105	40.75	nq	97
46) 2-Chloronaphthalene	13.71	162	294166	42.10	nq	99
47) 2-Nitroaniline	13.91	65	96962	40.47	nq	96
48) Acenaphthylene	14.55	152	460081	39.83	nq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

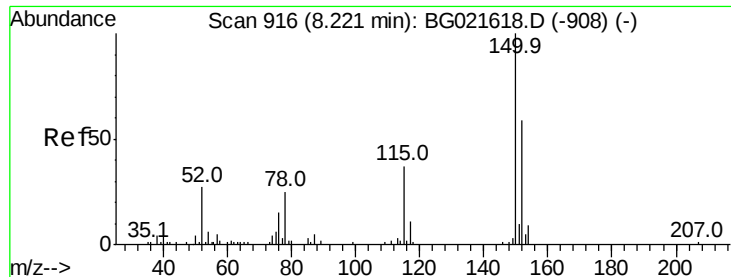
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

BNA_G

ClientSampleId :

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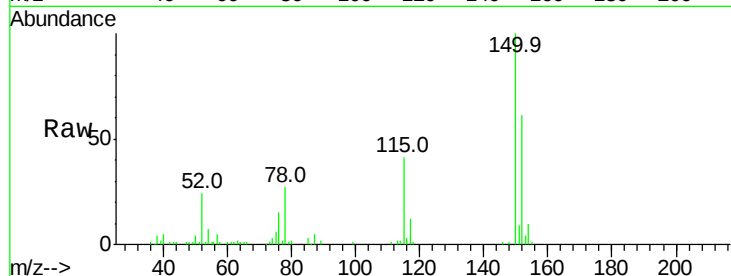
Tot Ion:152 Resp: 42372

Ion Ratio Lower Upper

152 100

150 163.5 130.1 195.1

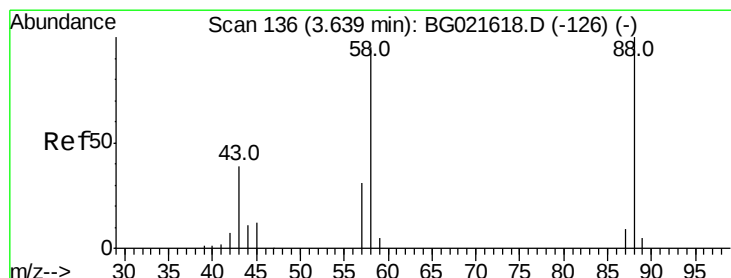
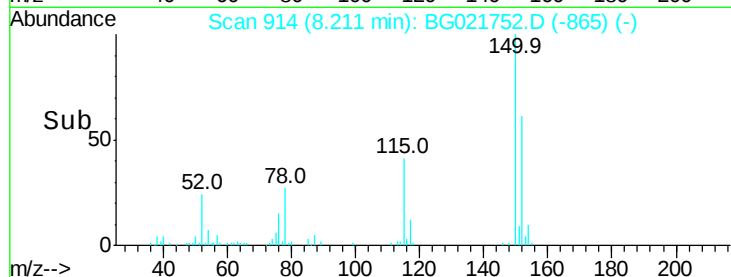
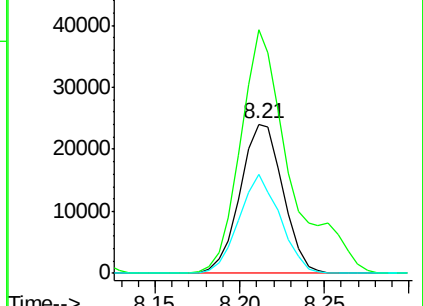
115 66.2 62.2 93.2



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

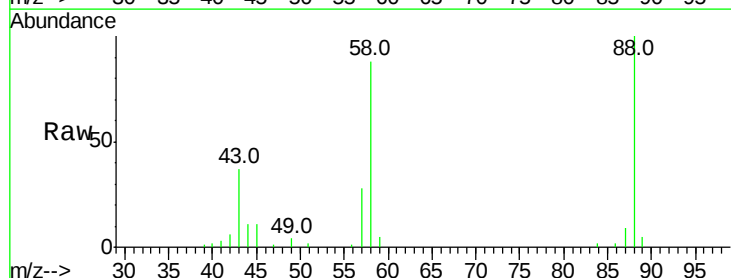
Tgt Ion: 88 Resp: 29326

Ion Ratio Lower Upper

88 100

58 93.6 61.8 92.8#

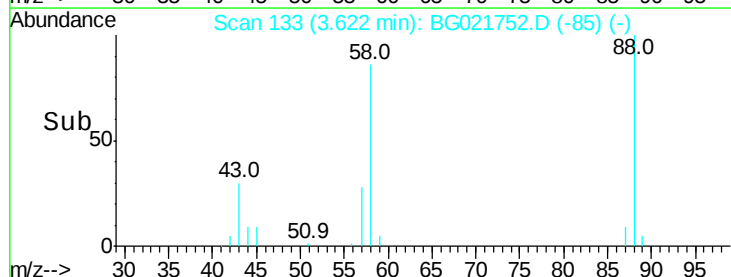
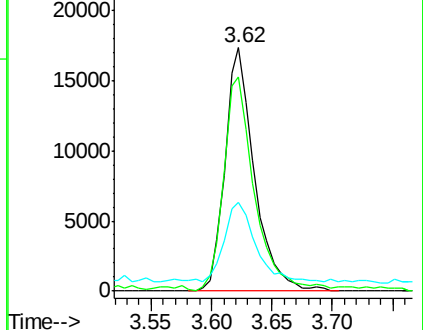
43 35.5 27.3 40.9

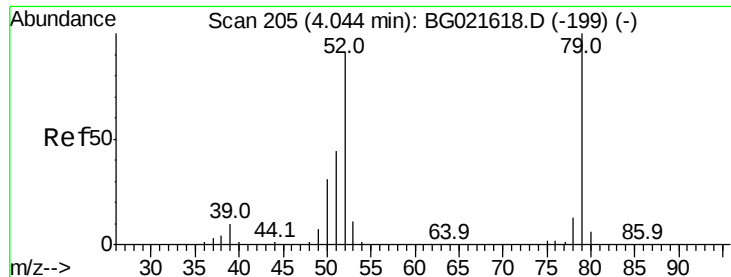


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

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

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ClientSampleId :

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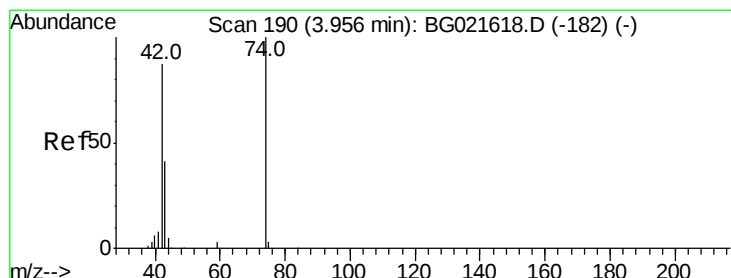
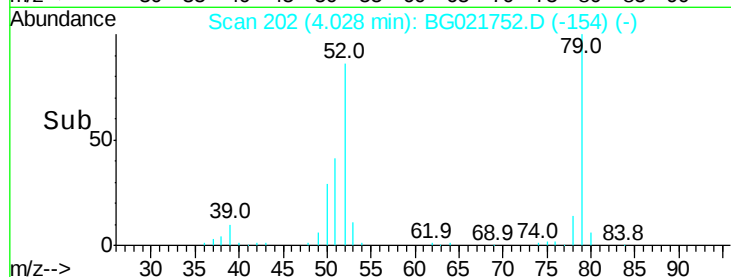
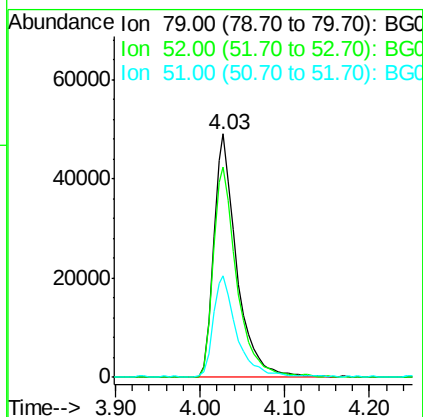
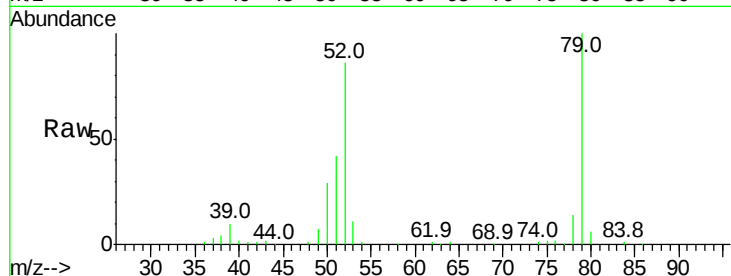
Tot Ion: 79 Resp: 93580

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

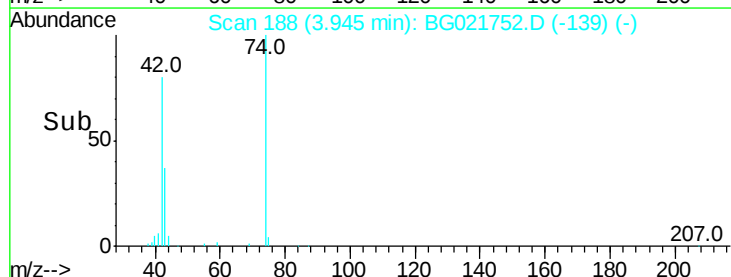
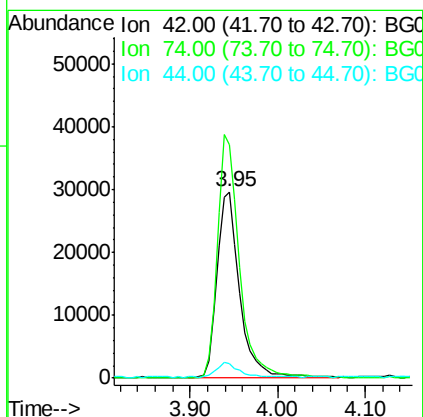
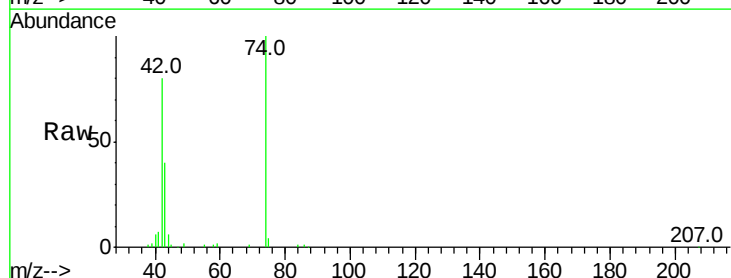
Tgt Ion: 42 Resp: 53441

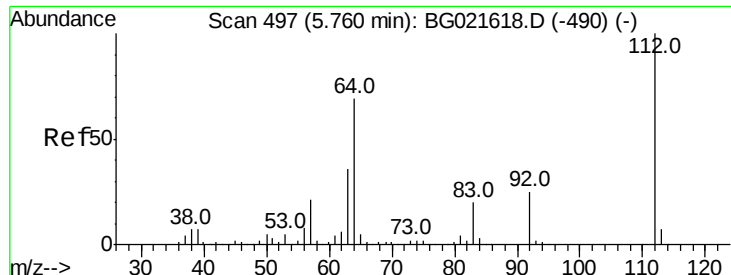
Ion Ratio Lower Upper

42 100

74 125.3 83.0 124.4#

44 7.8 11.0 16.6#

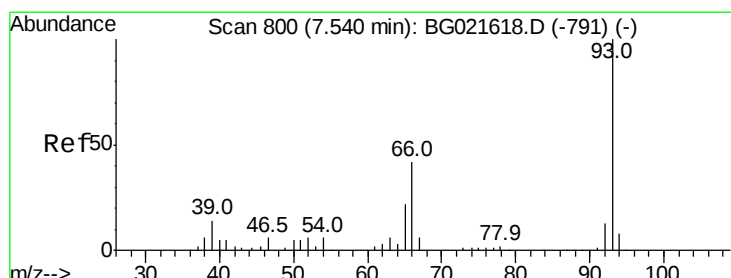
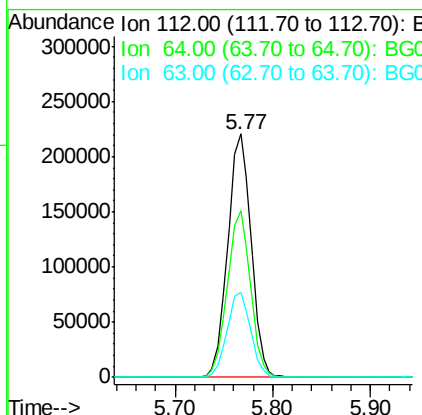
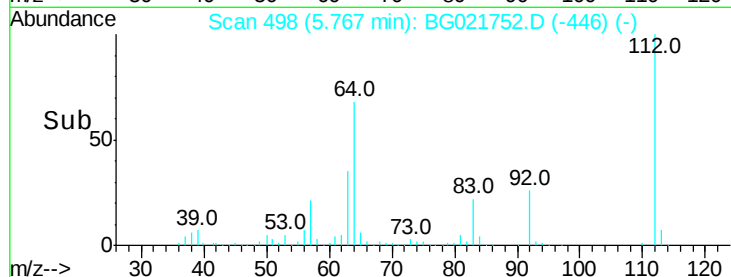
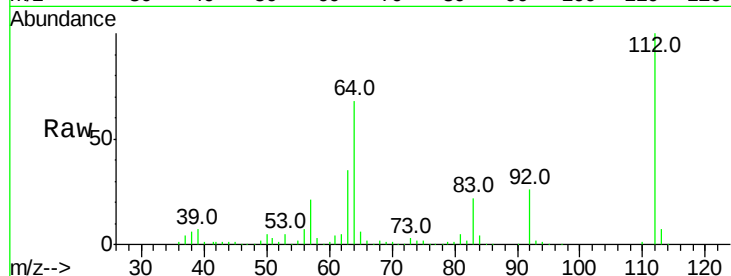




#5
 2-Fluorophenol
 Concen: 144.25 ng
 RT: 5.77 min Scan# 498
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

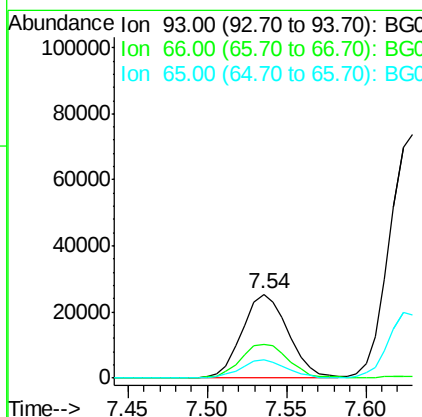
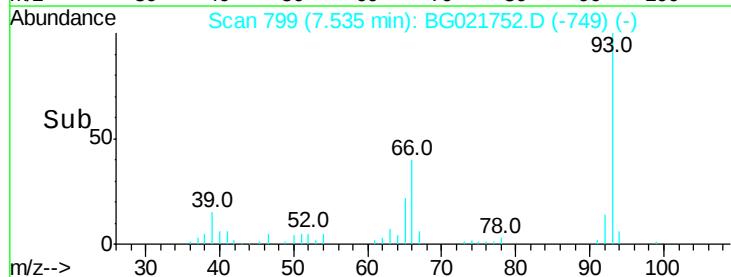
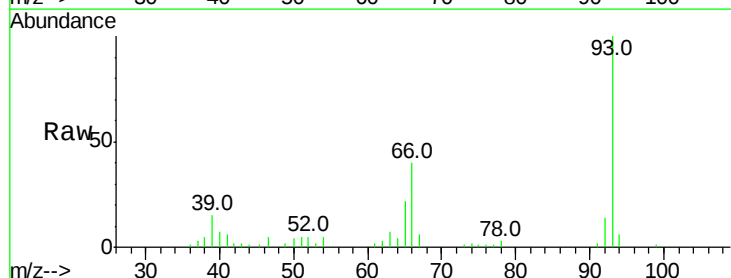
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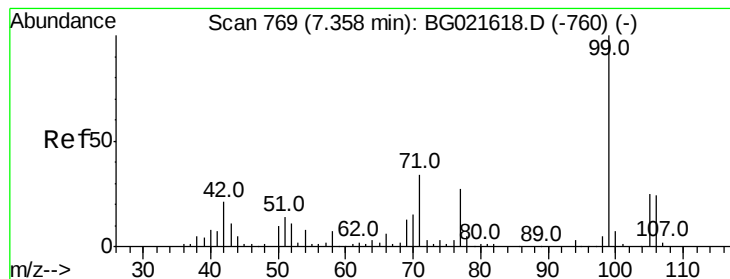
Tot Ion:	112	Resp:	367048
Ion	Ratio	Lower	Upper
112	100		
64	68.5	51.1	76.7
63	35.1	24.6	37.0



#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





#7

Phenol-d6

Concen: 146.95 ng

RT: 7.38 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021752.D

Acq: 19 Apr 2016 2:56

Instrument :

BNA_G

ClientSampleId :

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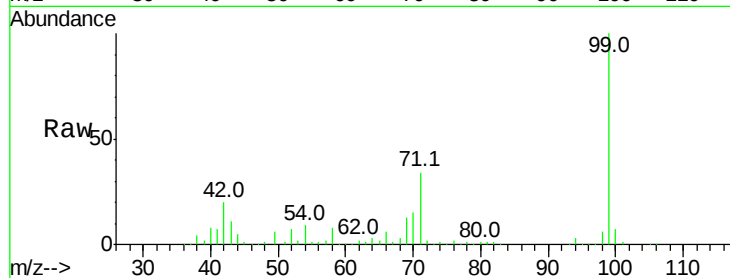
Tot Ion: 99 Resp: 558502

Ion Ratio Lower Upper

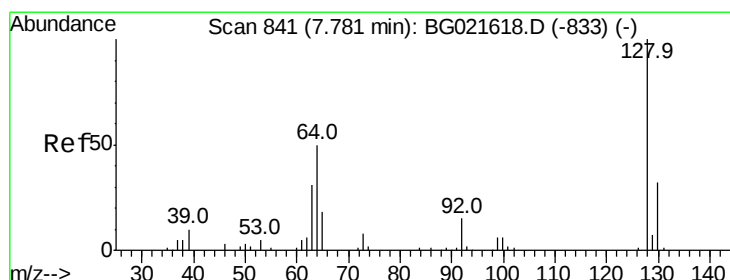
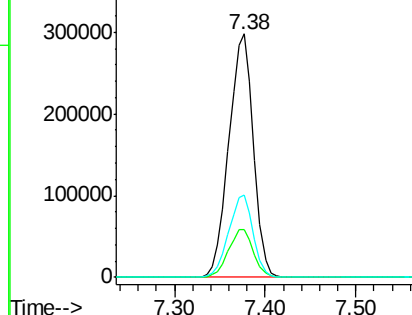
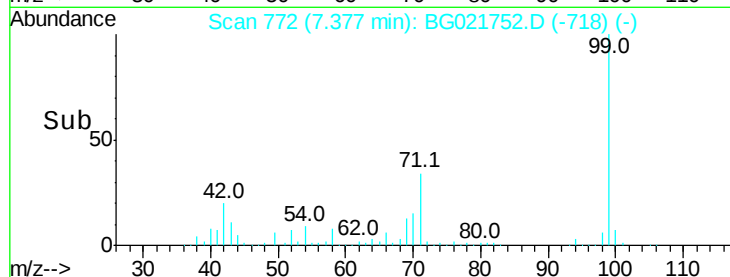
99 100

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

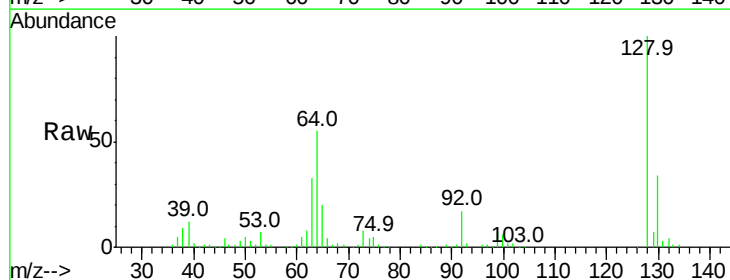
Tgt Ion: 128 Resp: 127036

Ion Ratio Lower Upper

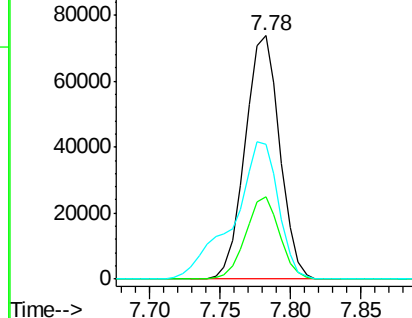
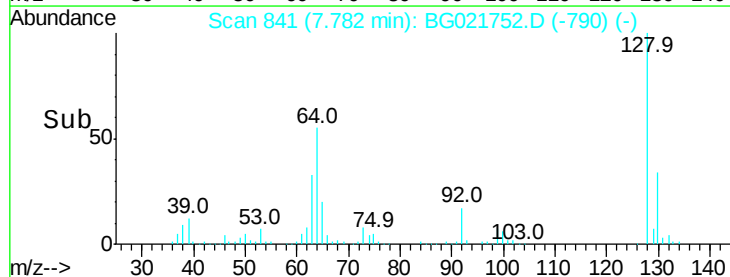
128 100

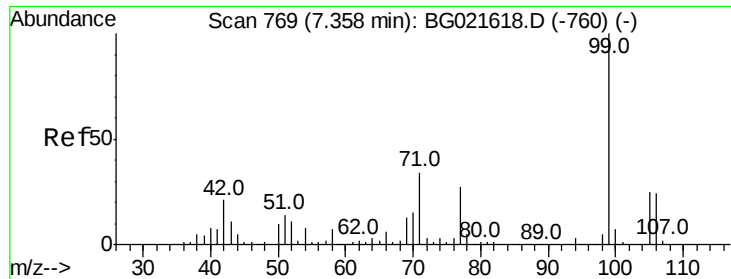
130 33.9 11.2 51.2

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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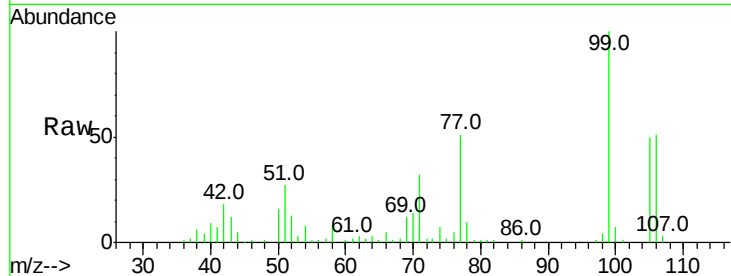
Tot Ion: 77 Resp: 38099

Ion Ratio Lower Upper

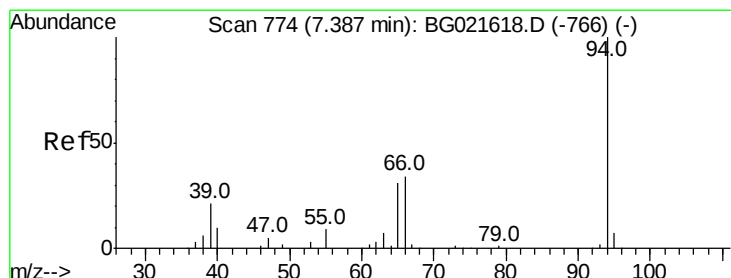
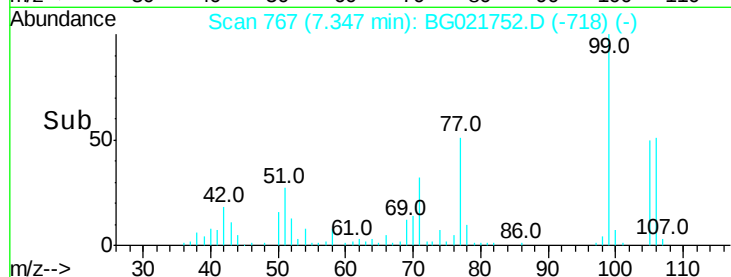
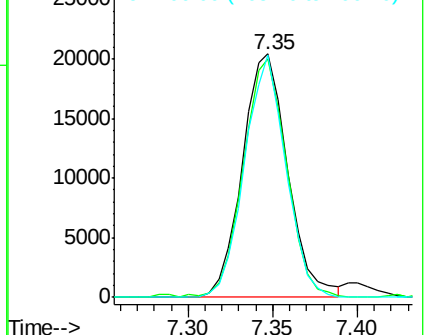
77 100

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

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Acq: 19 Apr 2016 2:56

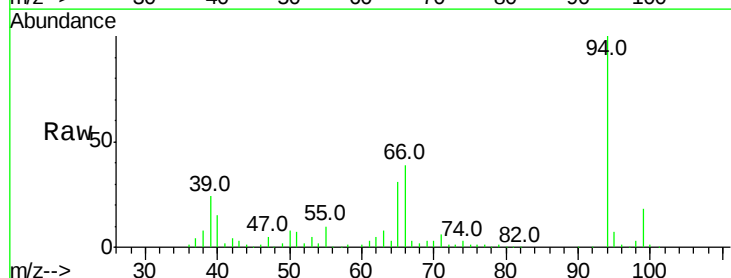
Tgt Ion: 94 Resp: 175524

Ion Ratio Lower Upper

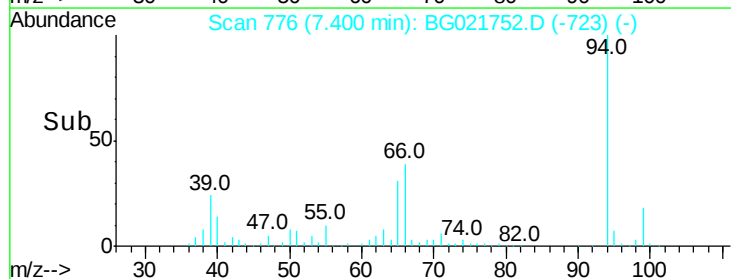
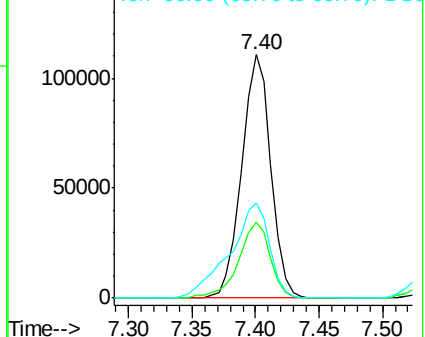
94 100

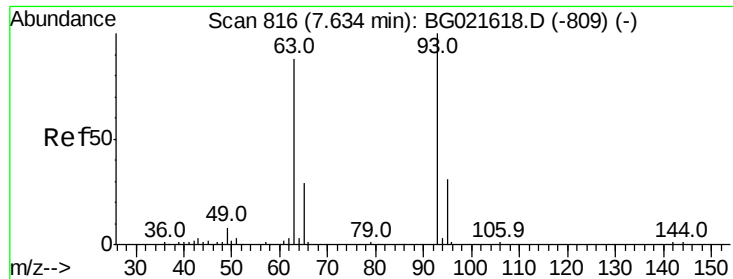
65 31.0 9.8 49.8

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

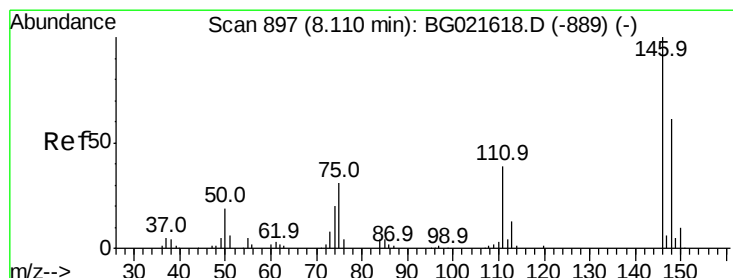
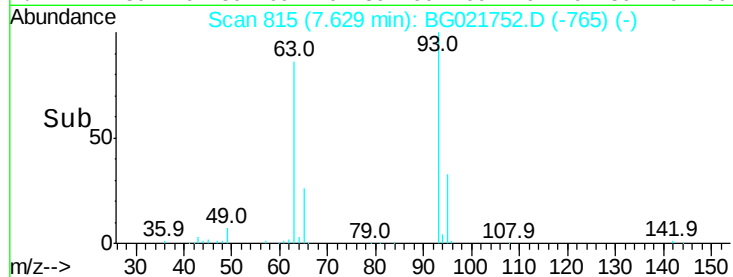
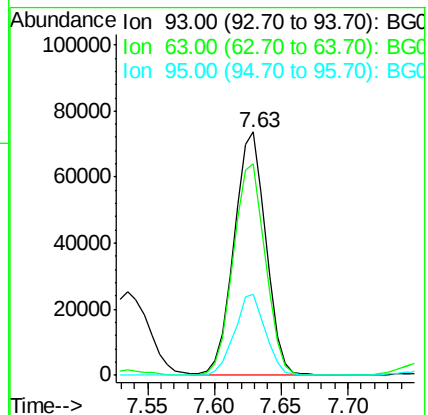
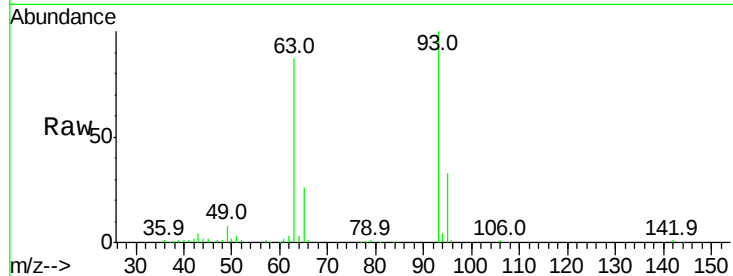
Tot Ion: 93 Resp: 122574

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

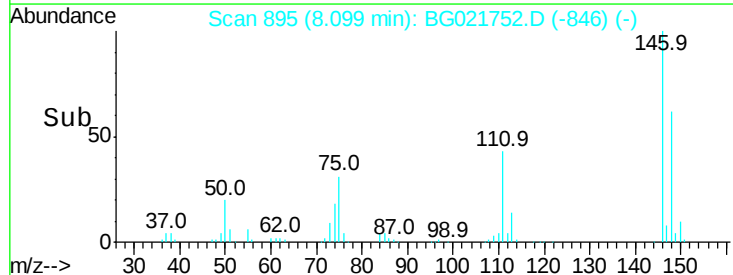
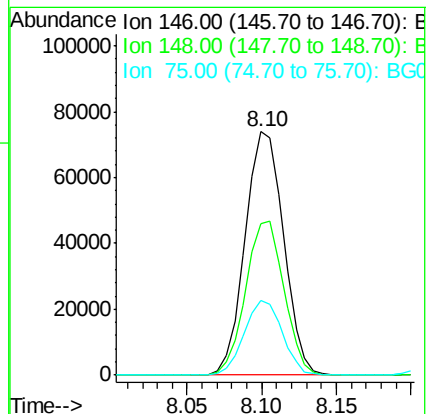
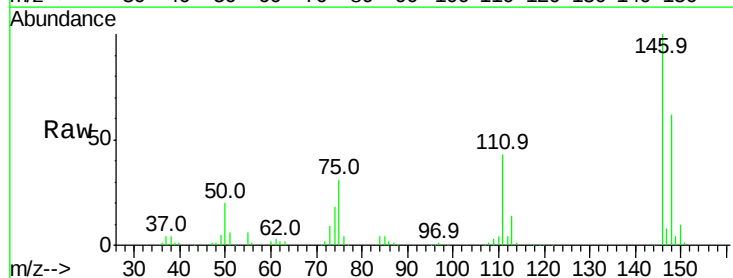
Tgt Ion: 146 Resp: 131901

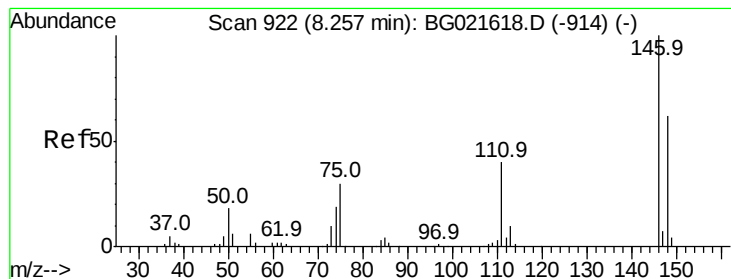
Ion Ratio Lower Upper

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

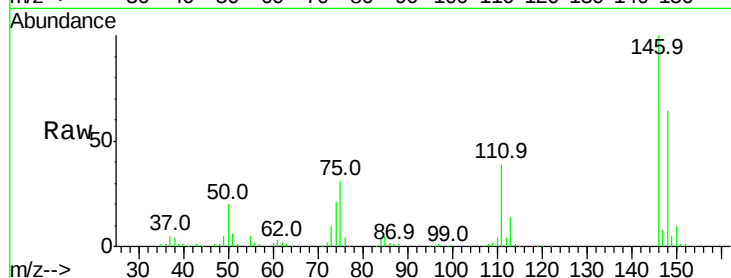
Tot Ion:146 Resp: 131930

Ion Ratio Lower Upper

146 100

148 63.6 46.7 70.1

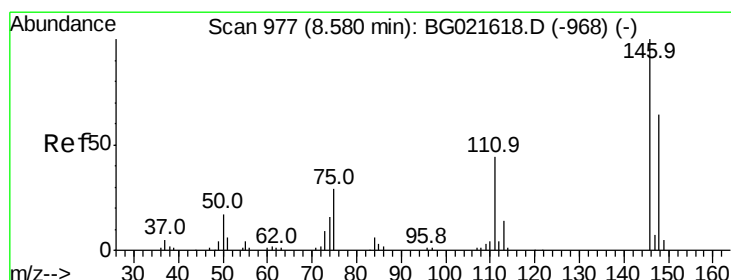
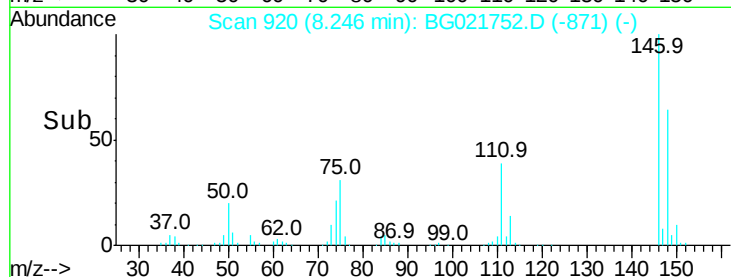
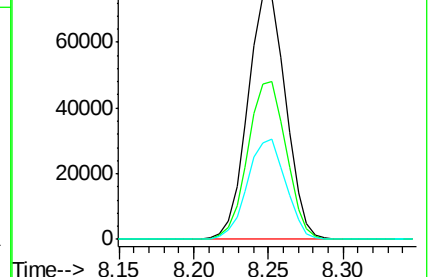
111 39.4 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 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

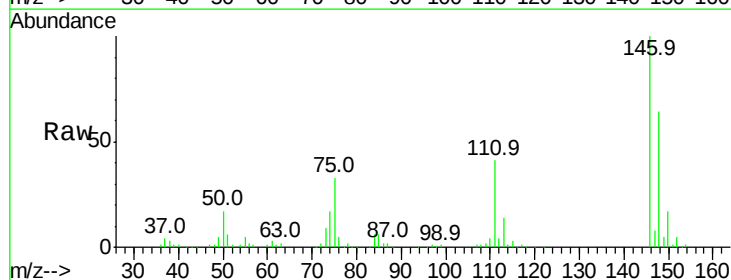
Tgt Ion:146 Resp: 130770

Ion Ratio Lower Upper

146 100

148 63.7 52.6 79.0

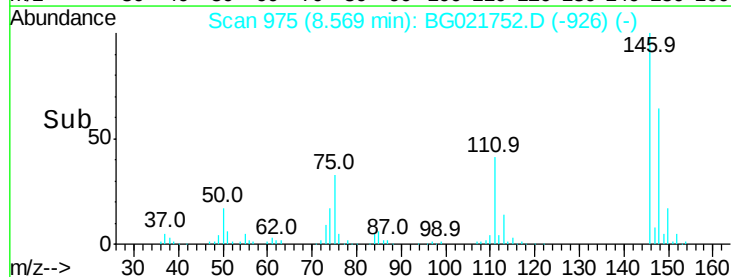
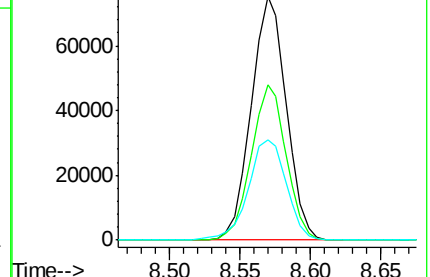
111 41.2 36.1 54.1

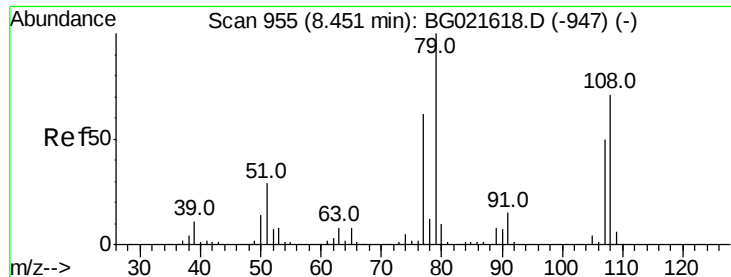


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

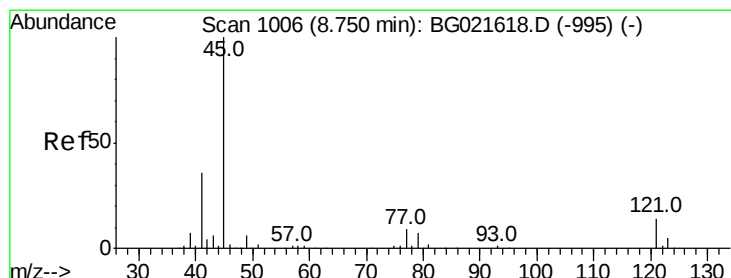
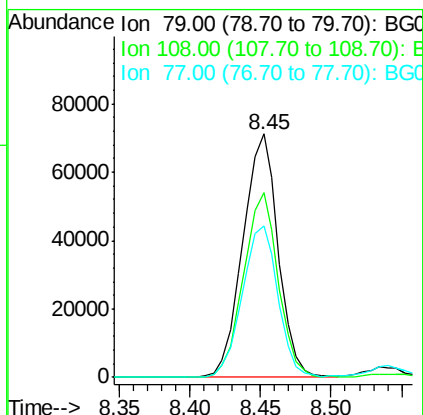
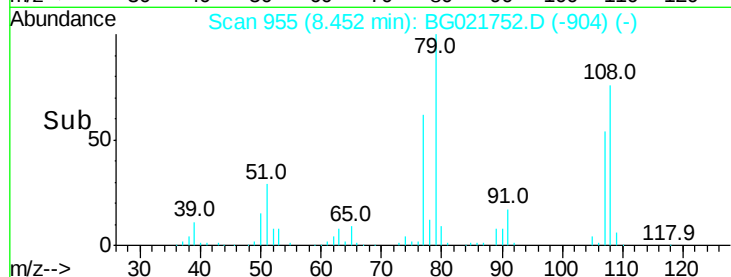
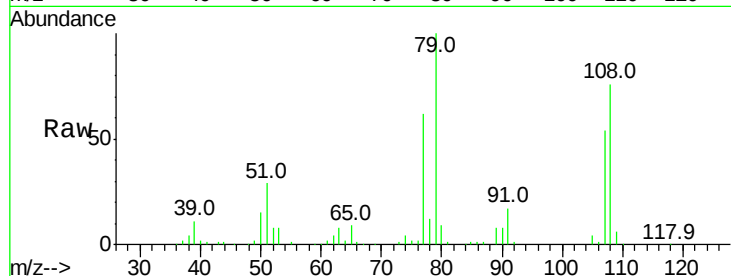
Tot Ion: 79 Resp: 124845

Ion Ratio Lower Upper

79 100

108 76.1 59.4 89.0

77 62.2 52.2 78.2



#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

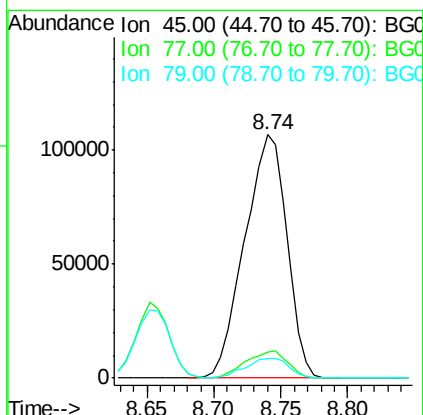
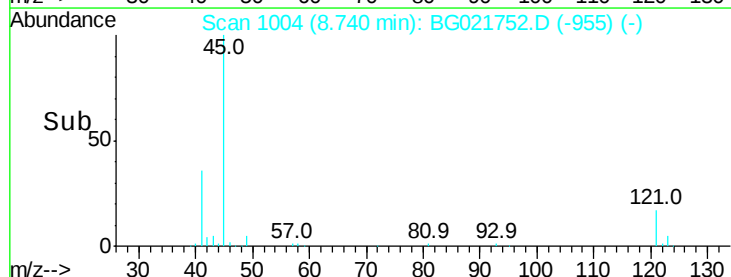
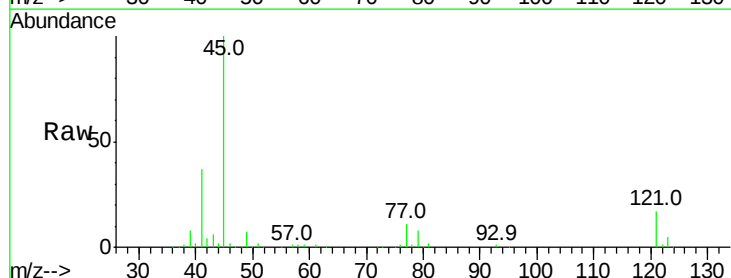
Tgt Ion: 45 Resp: 233766

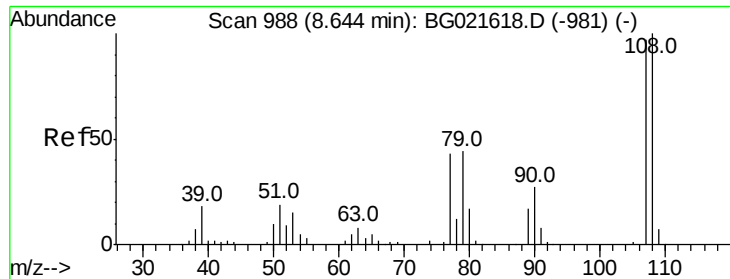
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.2

79 7.9 0.0 29.0

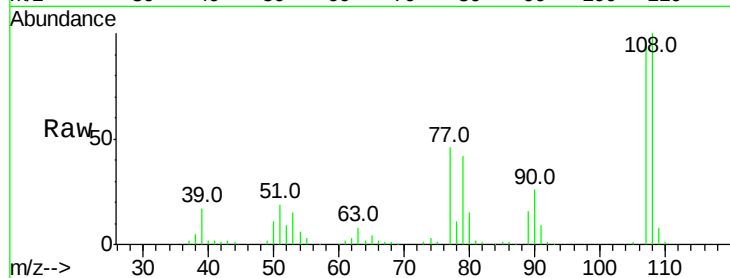




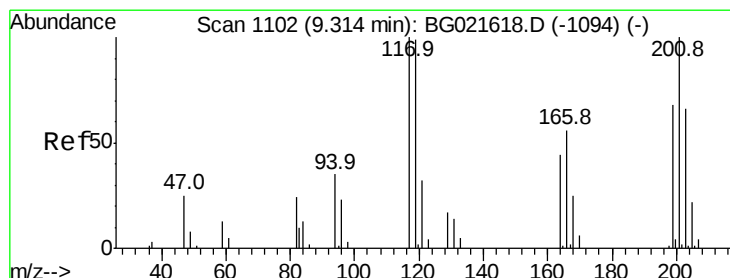
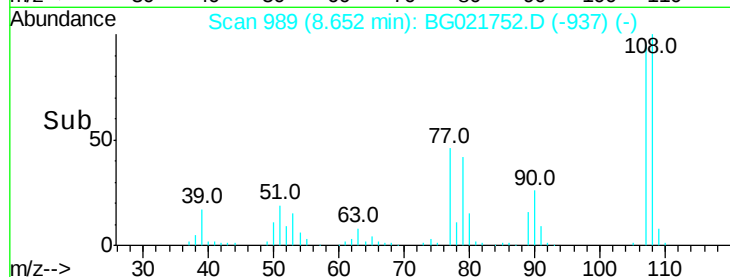
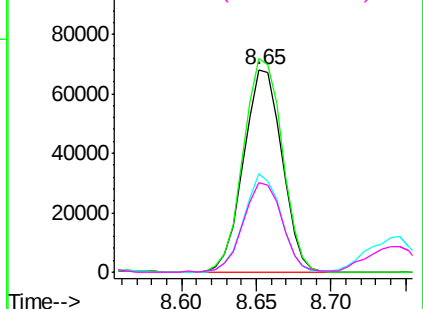
#17
2-Methylphenol
Concen: 42.96 ng
RT: 8.65 min Scan# 989
Delta R.T. 0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

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

Tot 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

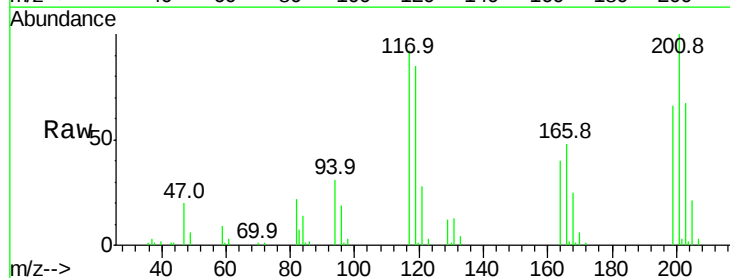


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

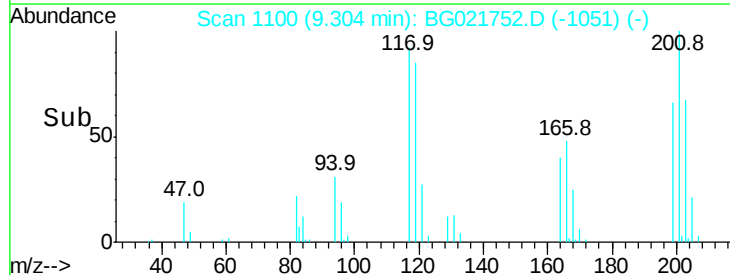
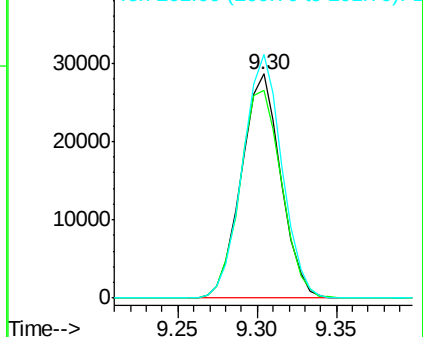


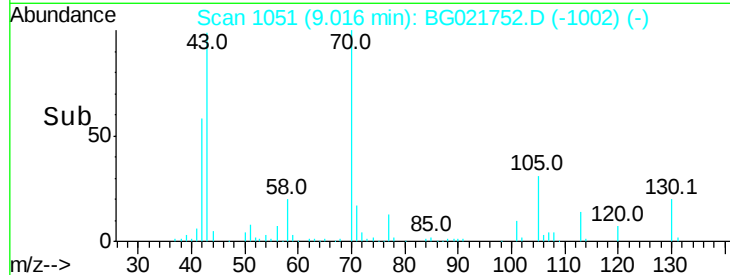
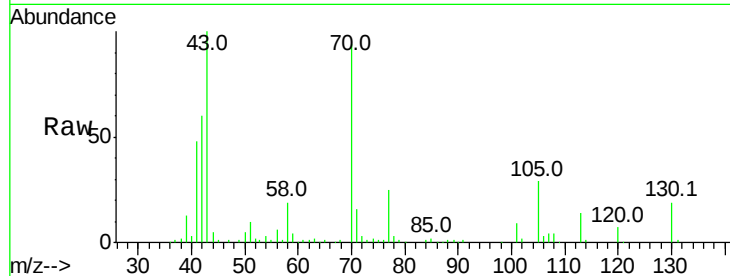
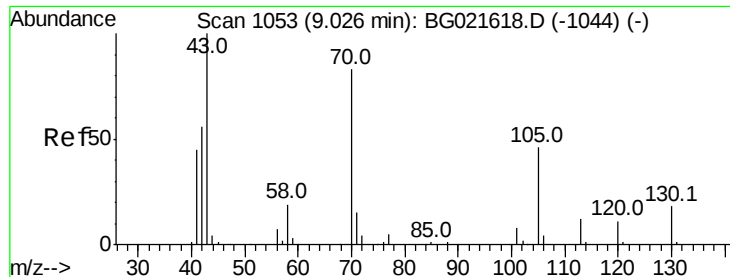
#18
Hexachloroethane
Concen: 39.17 ng
RT: 9.30 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

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

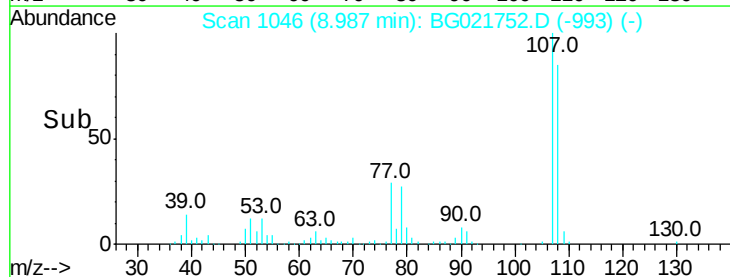
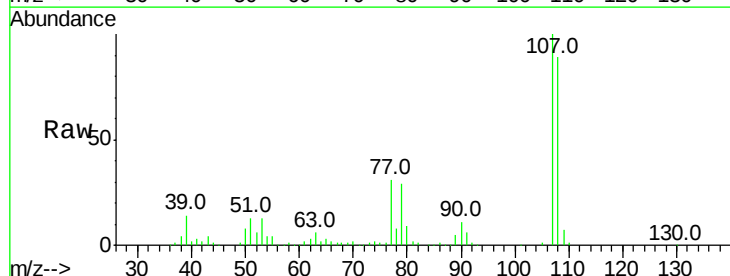
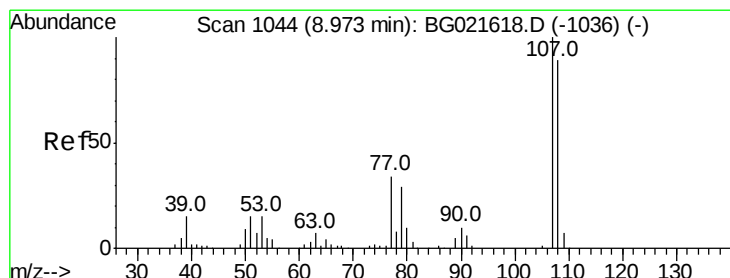
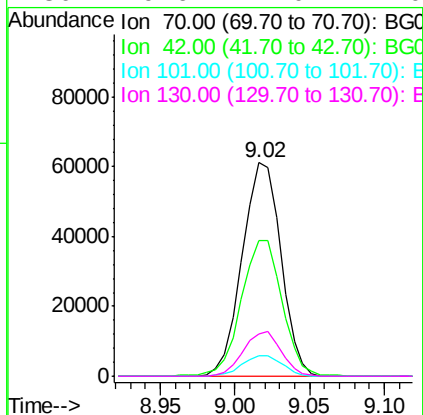




#19
n-Nitroso-di-n-propylamine
Concen: 37.24 ng
RT: 9.02 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

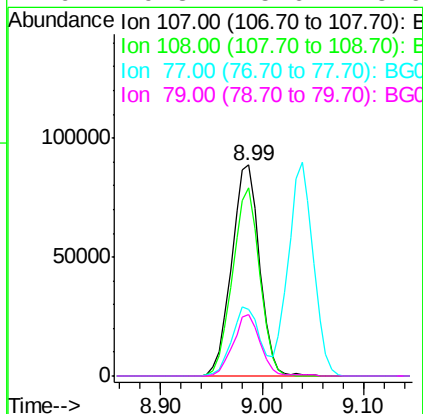
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

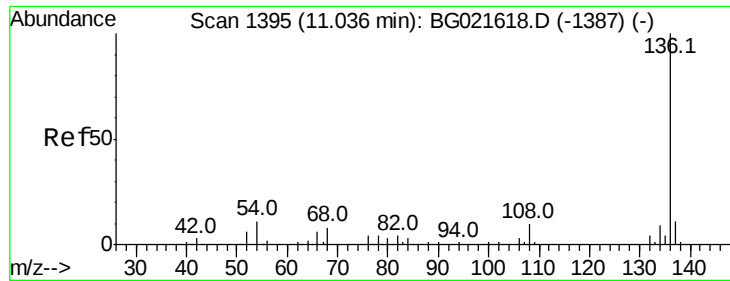
Tot Ion:	70	Resp:	109975
Ion	Ratio	Lower	Upper
70	100		
42	63.4	56.7	85.1
101	9.6	8.2	12.4
130	19.6	14.0	21.0



#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

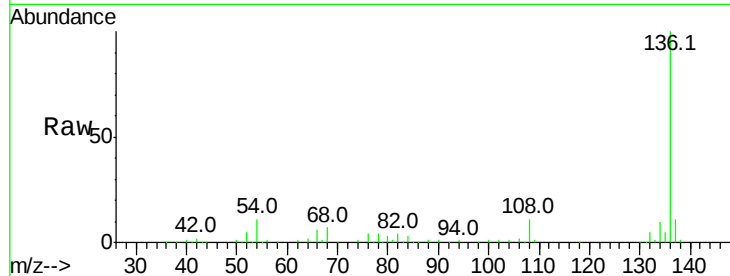




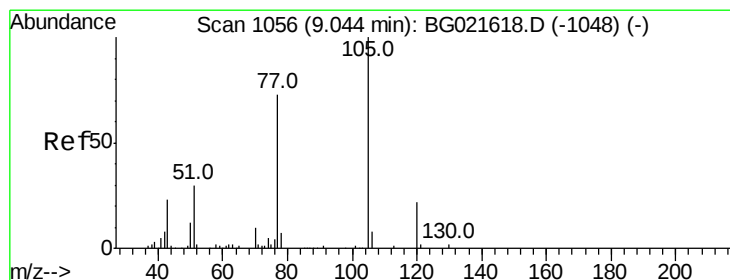
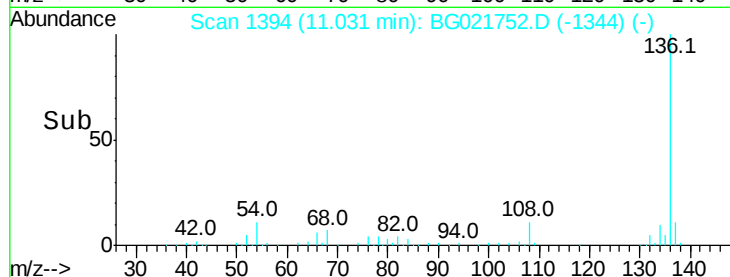
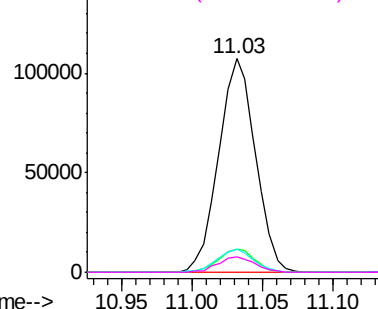
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

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

Tot 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

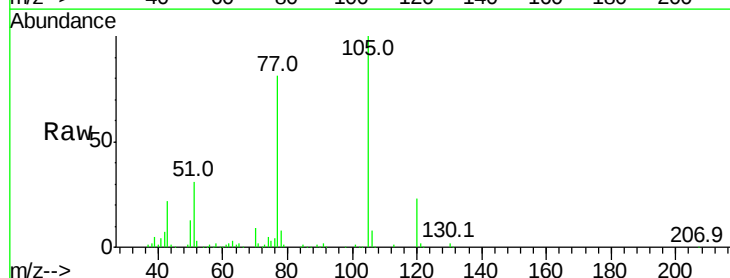


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

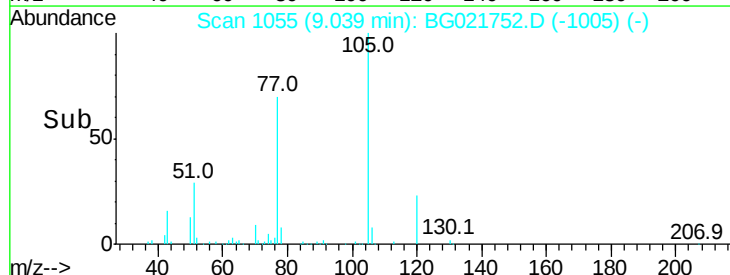
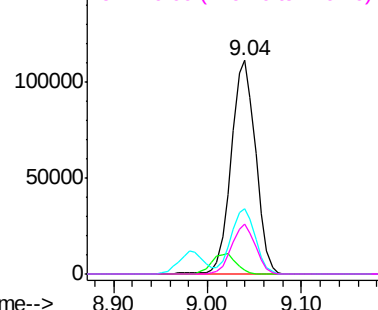


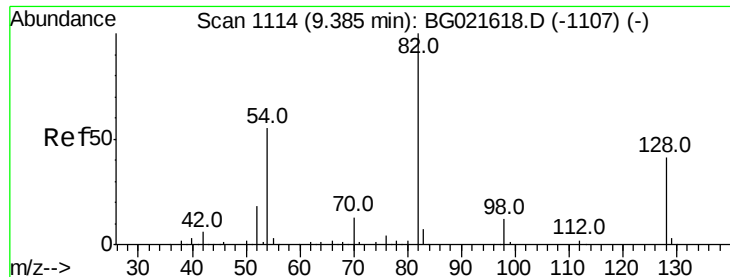
#22
Acetophenone
Concen: 36.65 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

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

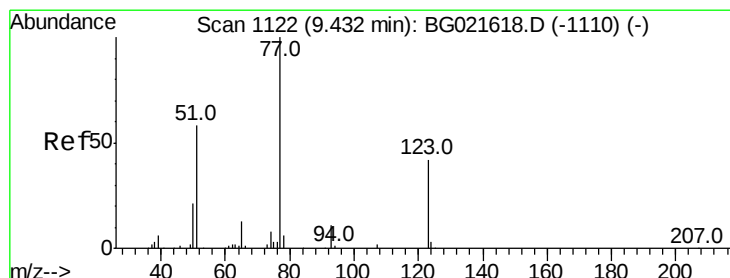
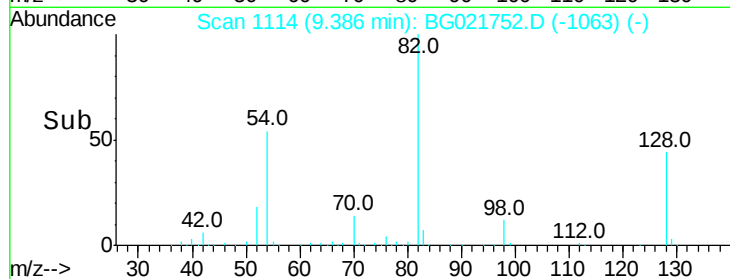
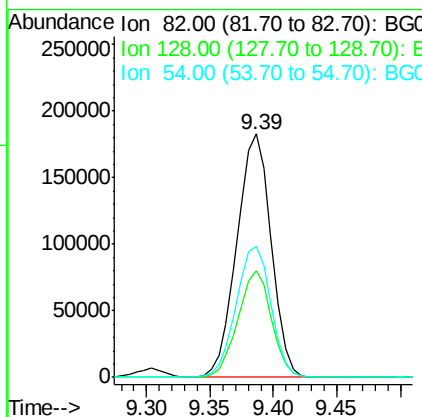
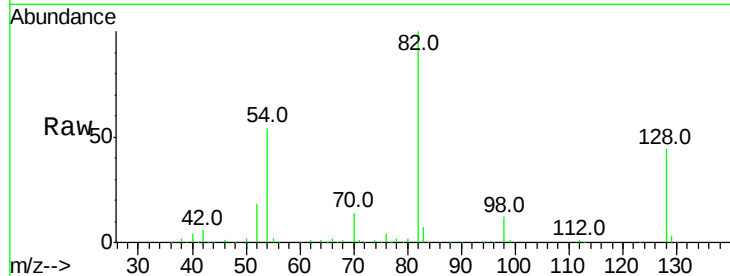




#23
 Nitrobenzene-d5
 Concen: 90.12 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

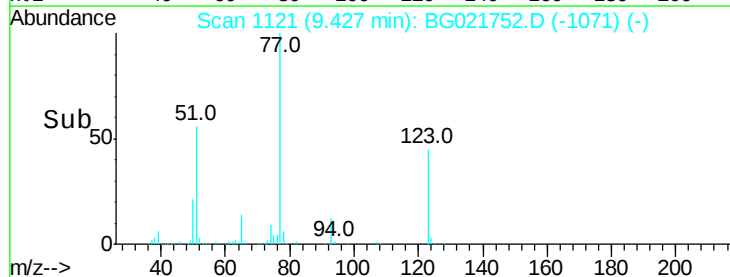
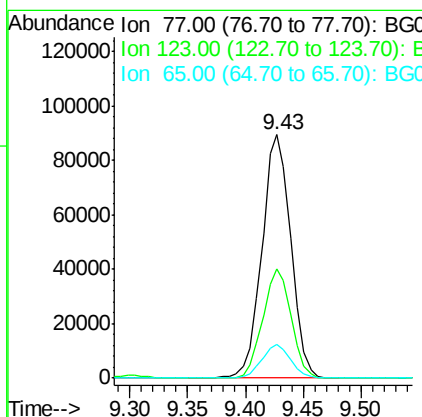
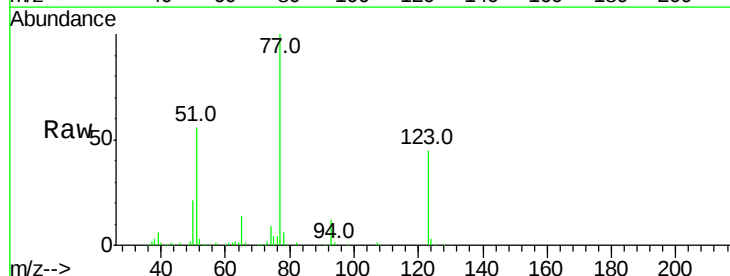
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

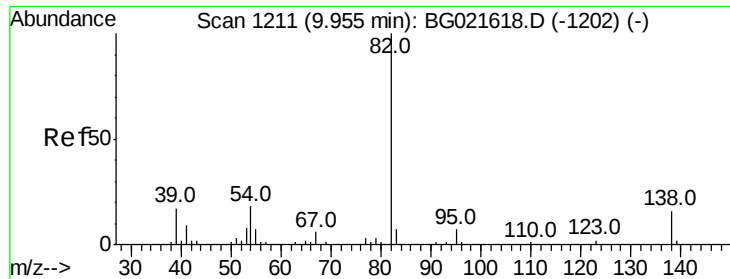
Tot Ion: 82 Resp: 343793
 Ion Ratio Lower Upper
 82 100
 128 43.6 33.4 50.0
 54 54.0 46.1 69.1



#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: 77 Resp: 155859
 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

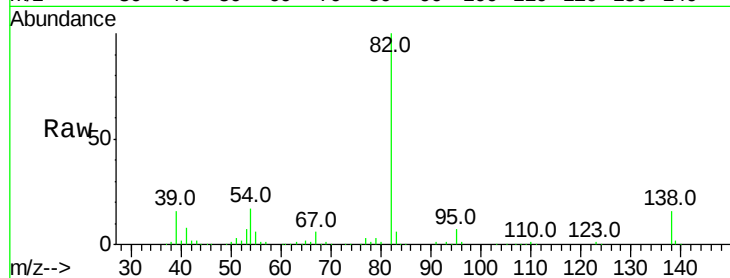
Tot Ion: 82 Resp: 301785

Ion Ratio Lower Upper

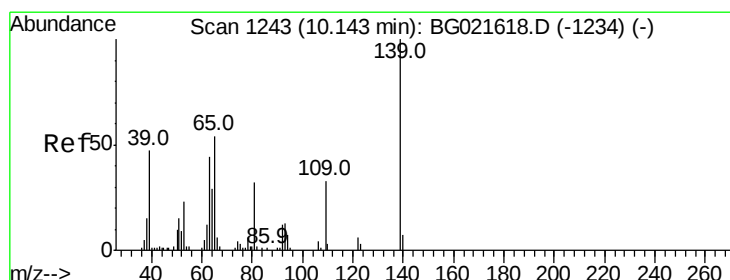
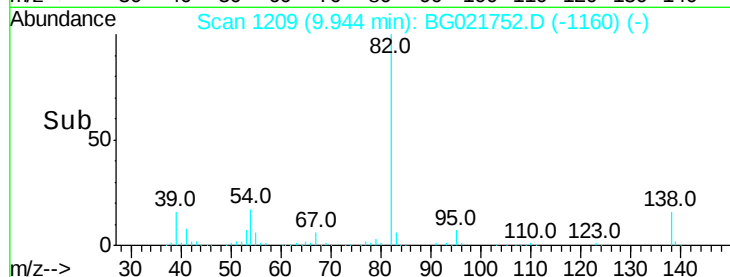
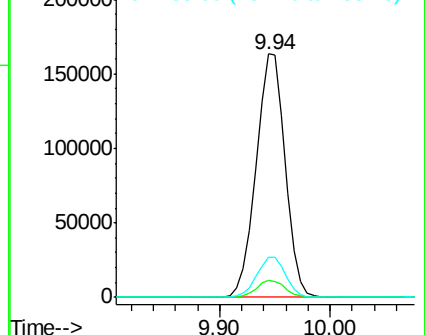
82 100

95 7.0 6.0 9.0

138 16.4 13.4 20.0



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



#26

2-Nitrophenol

Concen: 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

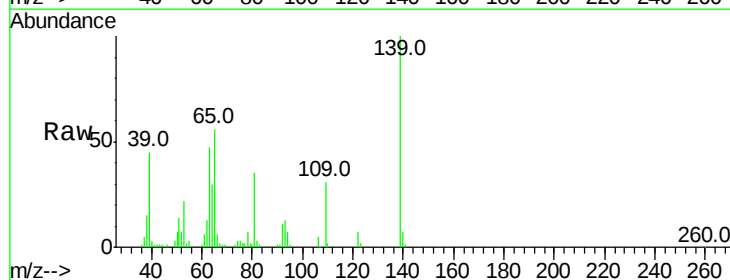
Tgt Ion: 139 Resp: 70747

Ion Ratio Lower Upper

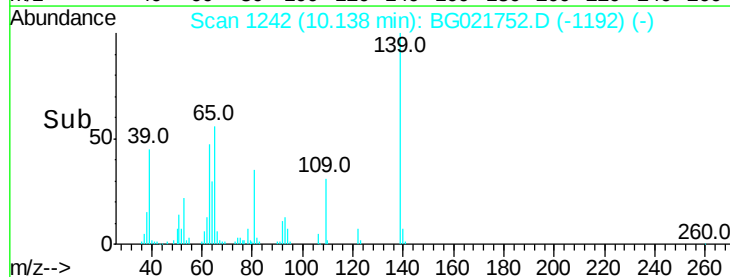
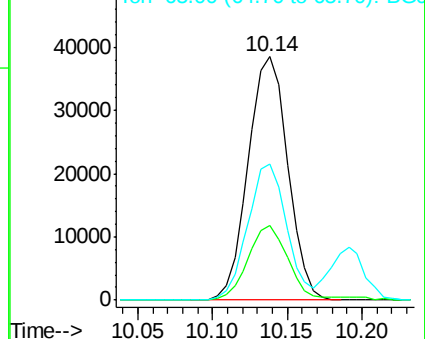
139 100

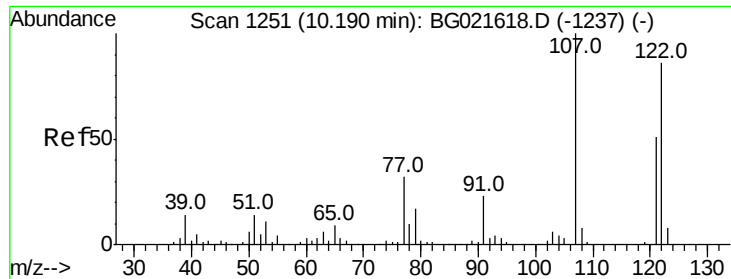
109 30.8 26.6 40.0

65 56.1 45.3 67.9



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

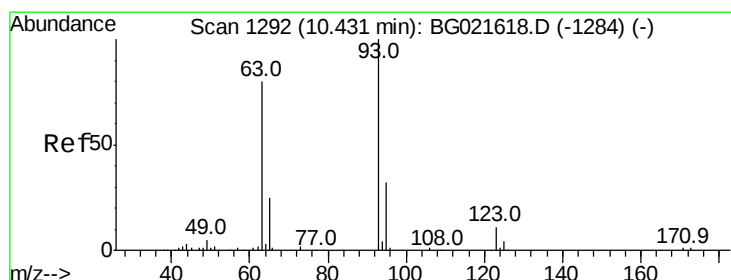
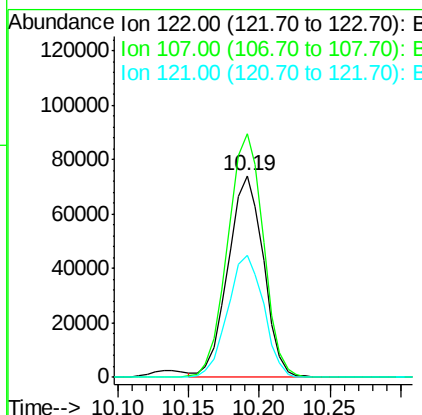
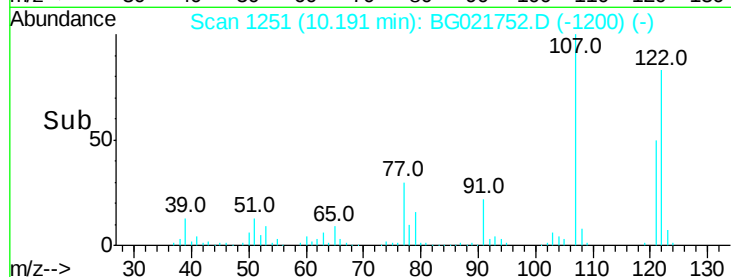
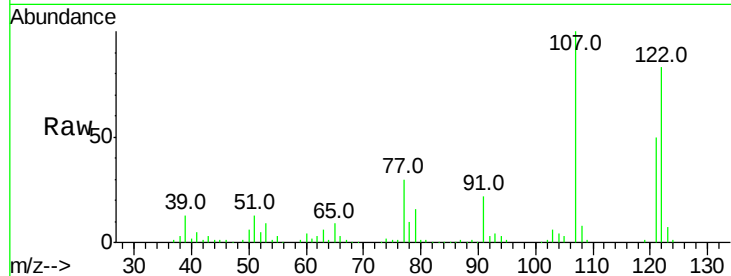




#27
 2,4-Dimethylphenol
 Concen: 36.44 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

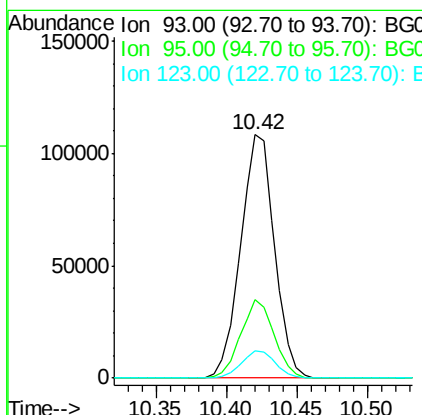
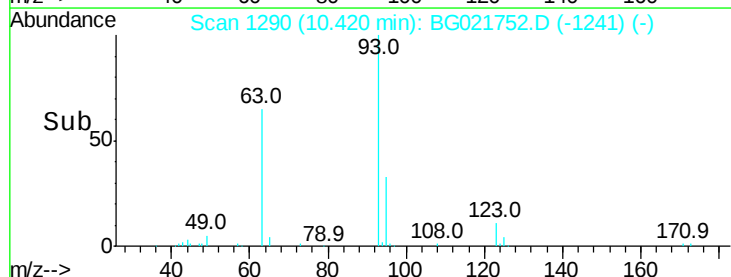
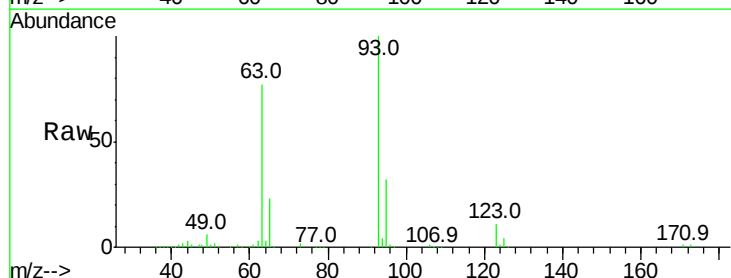
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

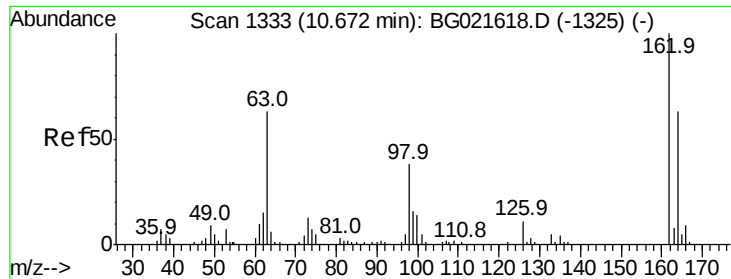
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	97.2	145.8
121	60.7	49.0	73.4



#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	Ratio	Lower	Upper
93	100		
95	32.3	30.1	45.1
123	11.2	10.2	15.4

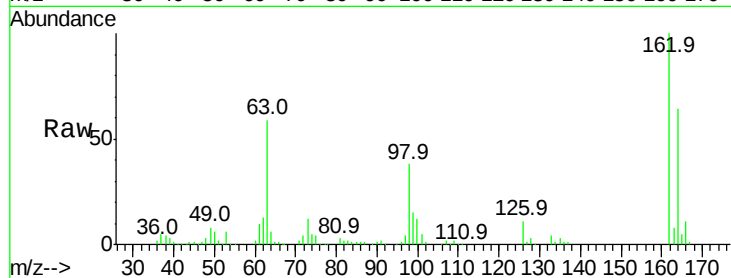




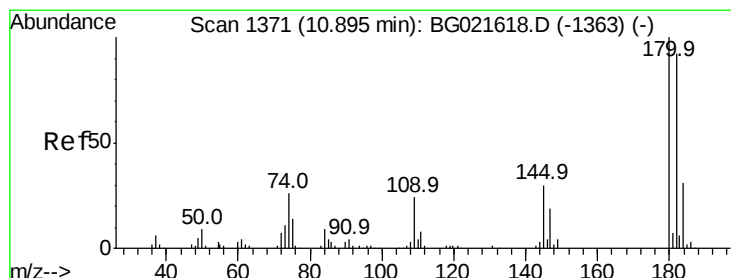
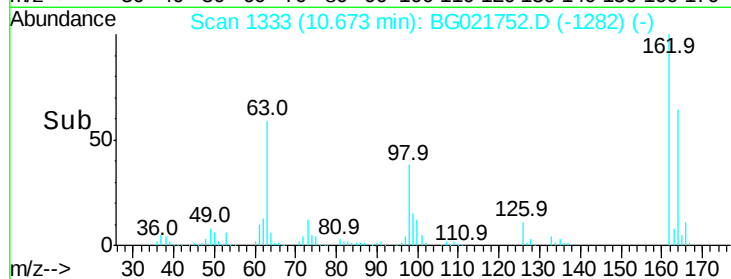
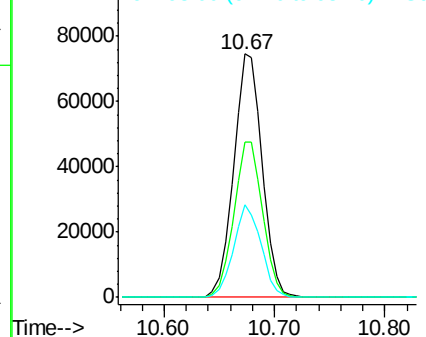
#29
 2,4-Dichlorophenol
 Concen: 44.55 ng
 RT: 10.67 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

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

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

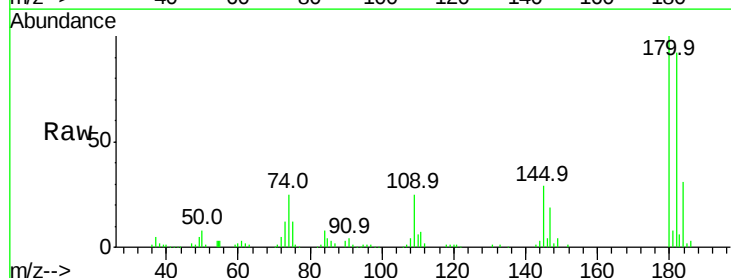


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

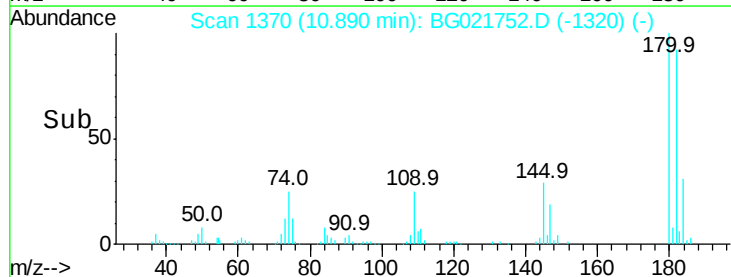
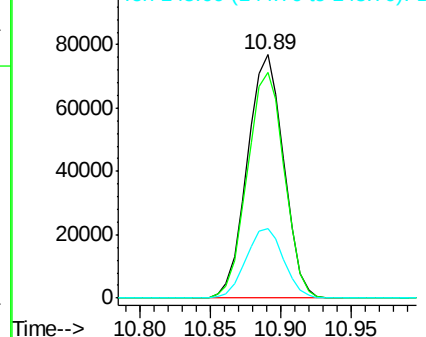


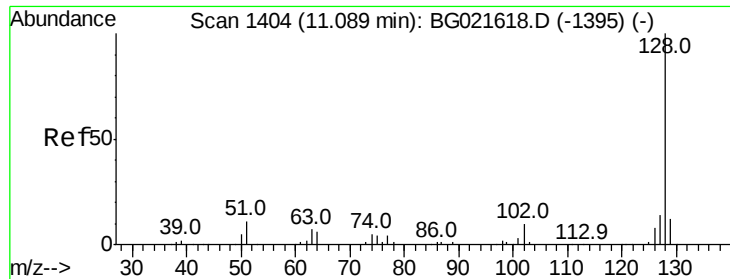
#30
 1,2,4-Trichlorobenzene
 Concen: 42.77 ng
 RT: 10.89 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

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

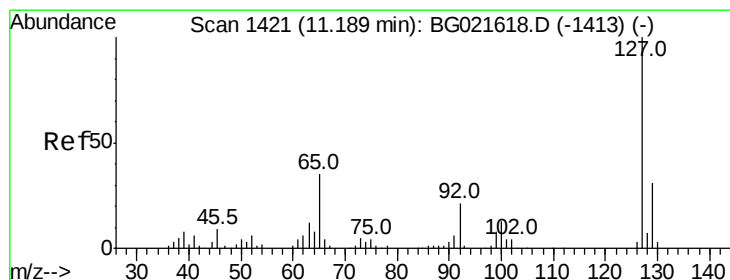
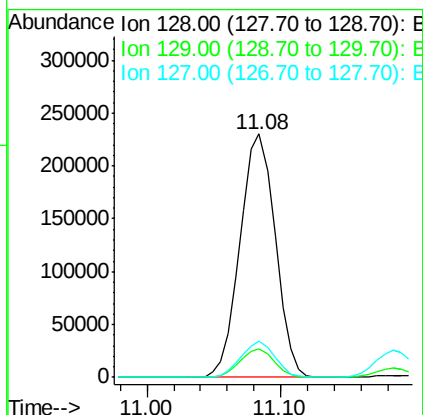
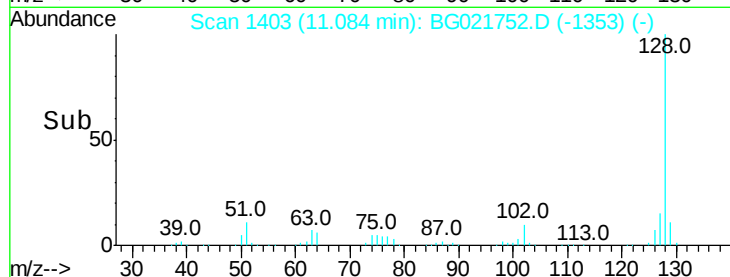
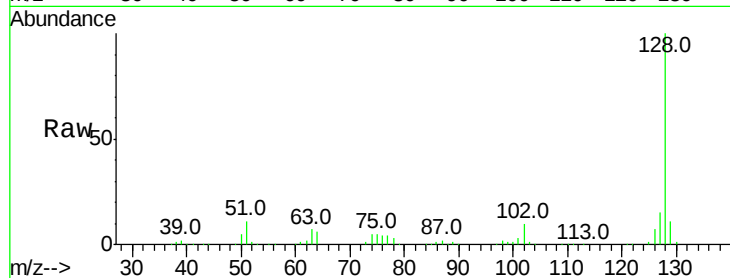




#31
Naphthalene
Concen: 40.10 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

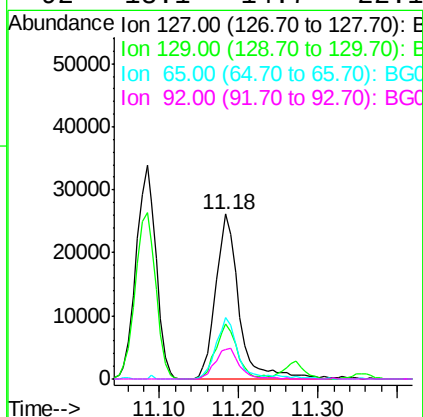
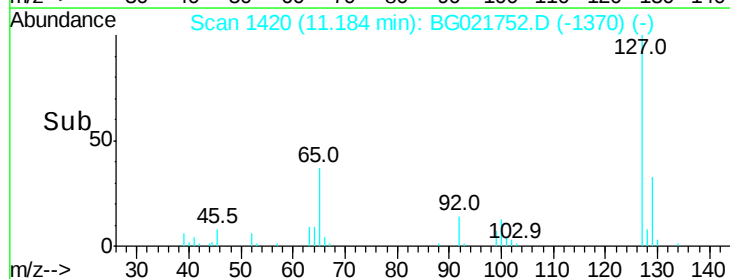
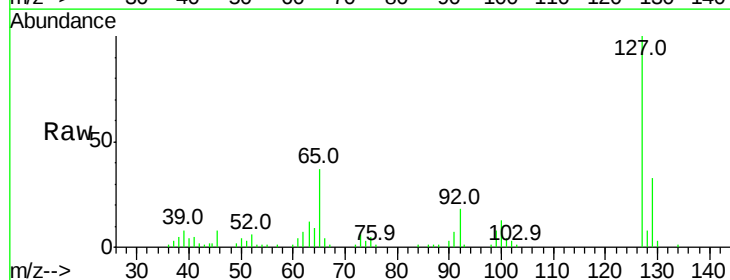
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

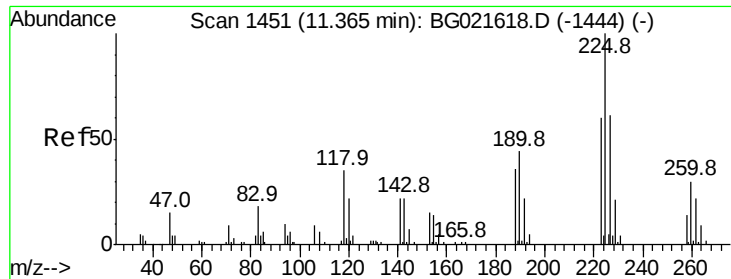
Tot Ion:128 Resp: 420782
Ion Ratio Lower Upper
128 100
129 11.5 7.0 10.6#
127 14.7 10.1 15.1



#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

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

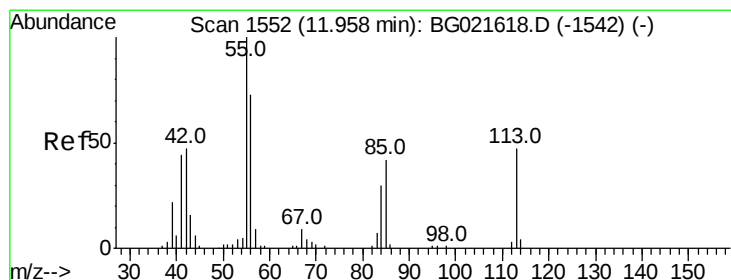
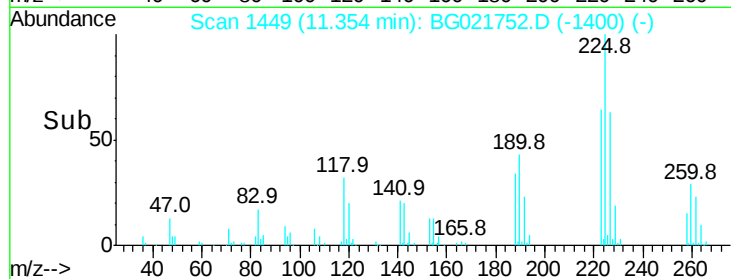
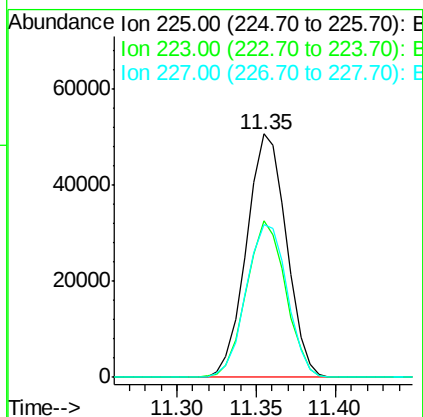
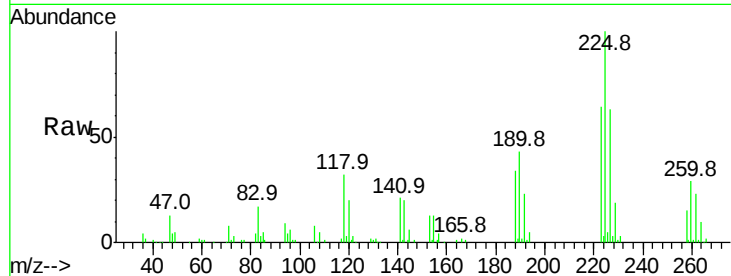




#34
Hexachlorobutadiene
Concen: 42.19 ng
RT: 11.35 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

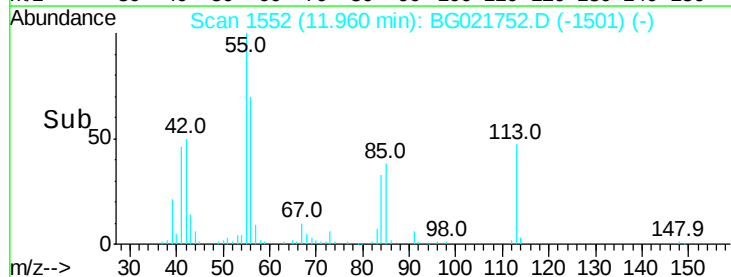
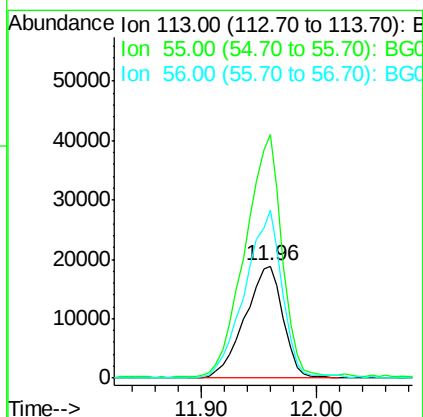
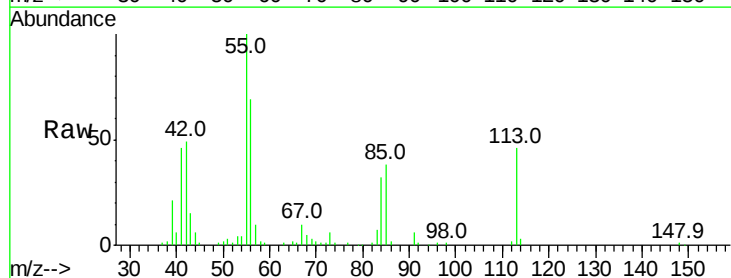
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

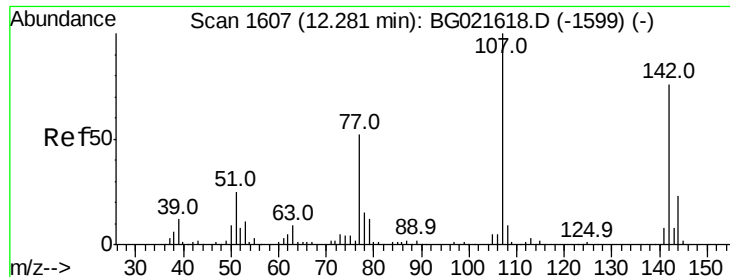
Tot Ion:225 Resp: 88375
Ion Ratio Lower Upper
225 100
223 64.3 52.7 79.1
227 62.7 49.7 74.5



#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

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

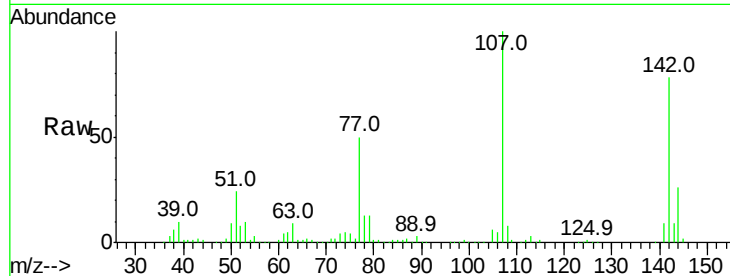




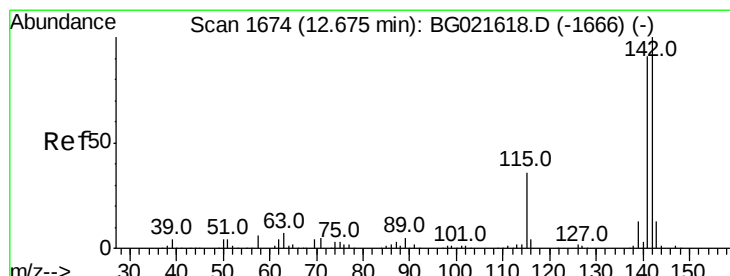
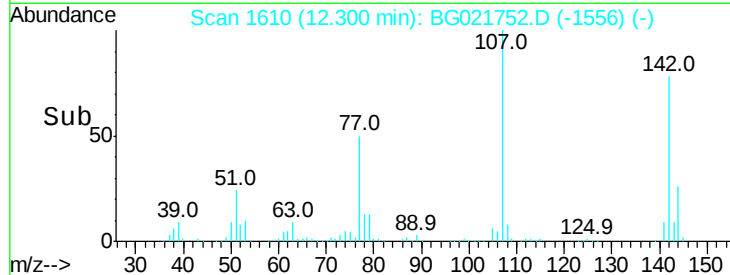
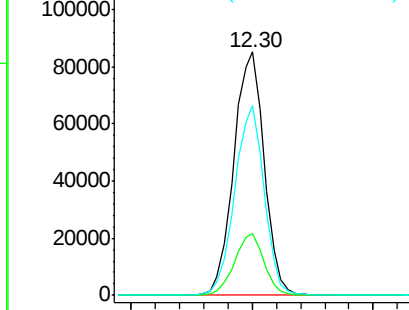
#36
 4-Chloro-3-methylphenol
 Concen: 39.37 ng
 RT: 12.30 min Scan# 1610
 Delta R.T. 0.02 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

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

Tot Ion:107 Resp: 149504
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.2 28.8
 142 77.8 59.1 88.7

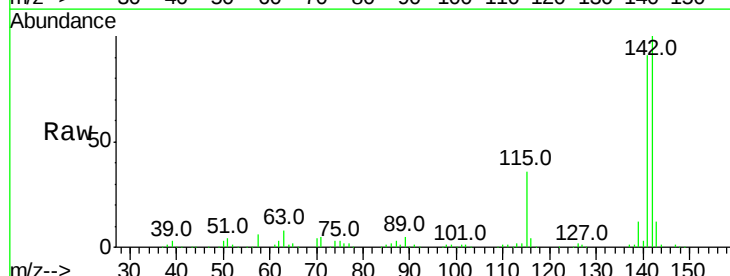


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

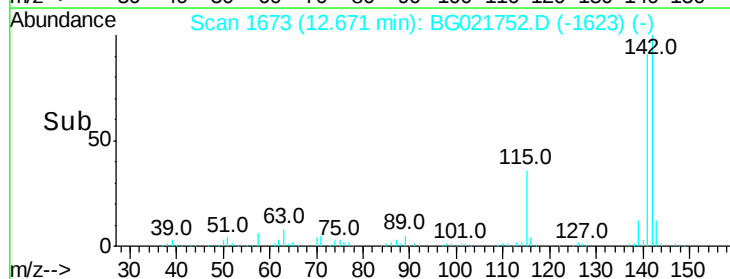
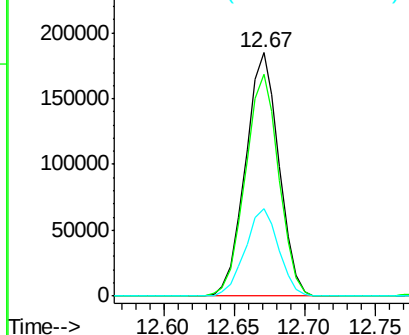


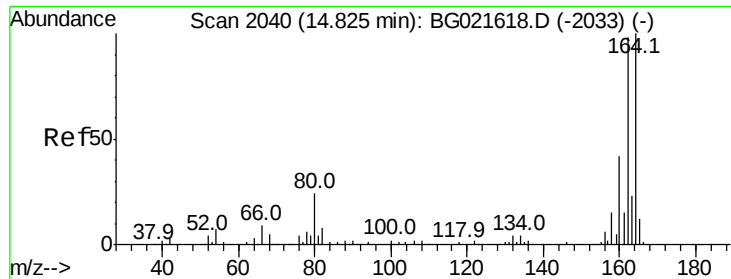
#37
 2-Methylnaphthalene
 Concen: 42.51 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

Tgt Ion:142 Resp: 306202
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.4 107.0
 115 36.2 27.4 41.2



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

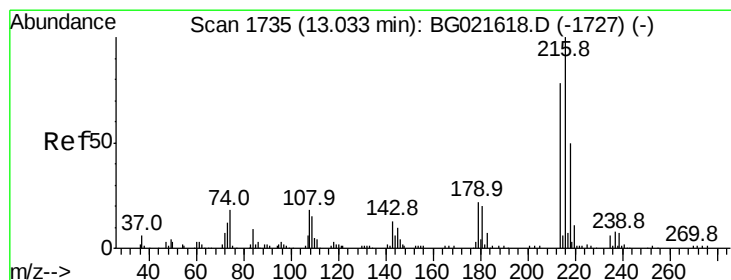
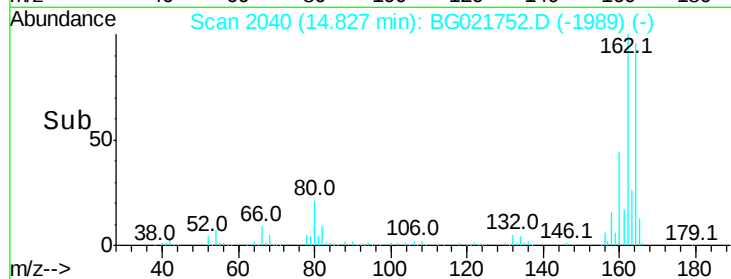
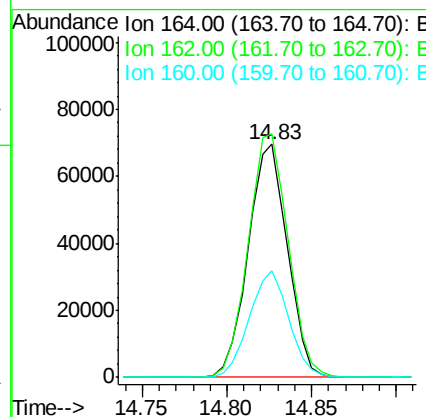
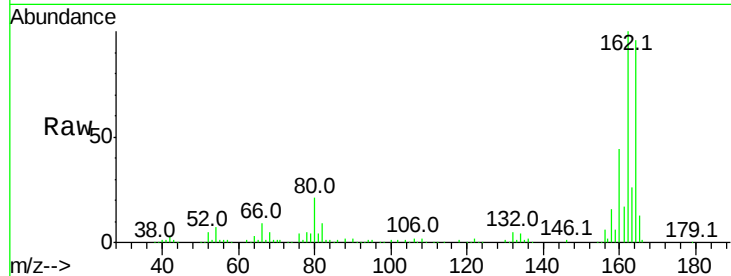




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

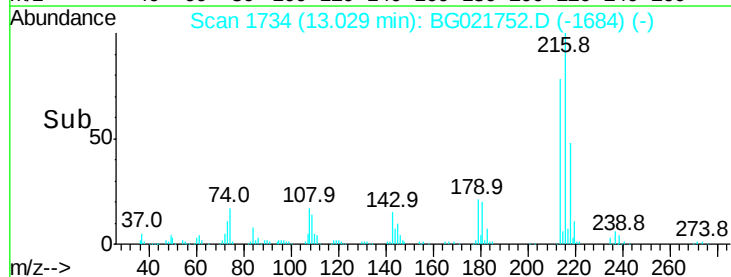
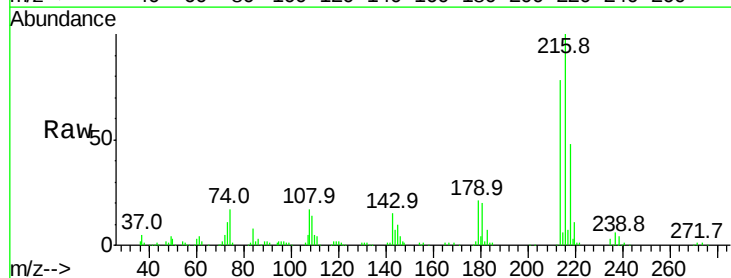
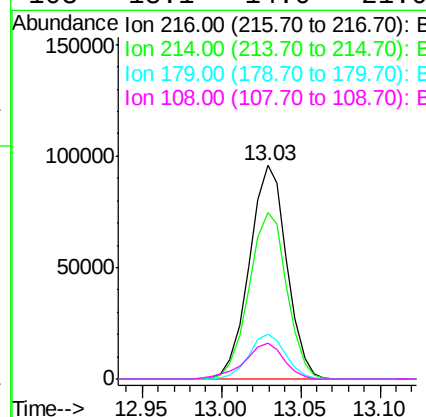
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

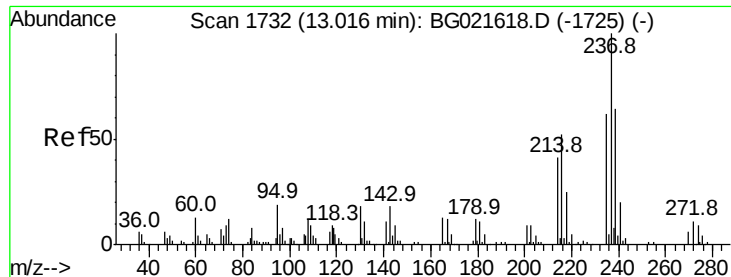
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.0	117.0
160	46.0	32.9	49.3



#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

Tgt 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

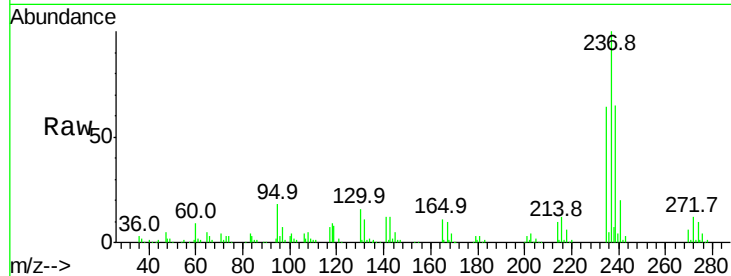




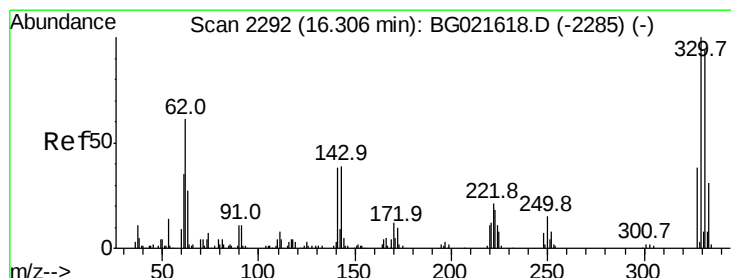
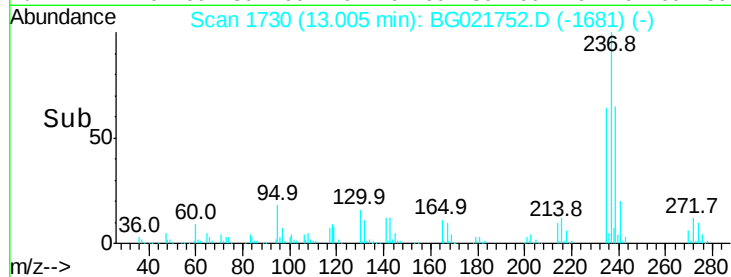
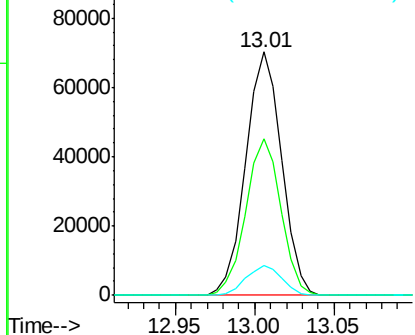
#40
Hexachlorocyclopentadiene
Concen: 56.74 ng
RT: 13.01 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

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

Tot Ion:237 Resp: 110478
Ion Ratio Lower Upper
237 100
235 64.4 43.2 83.2
272 12.1 0.0 33.4

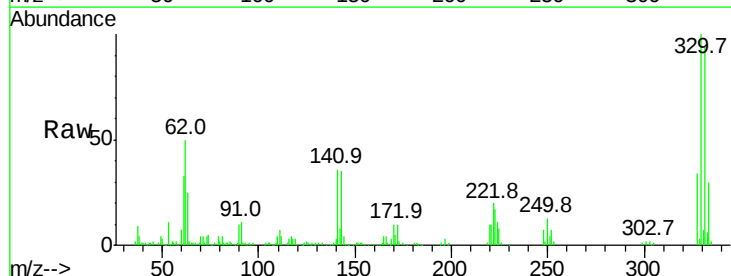


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

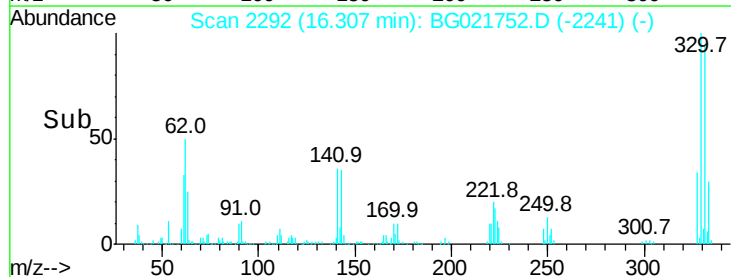
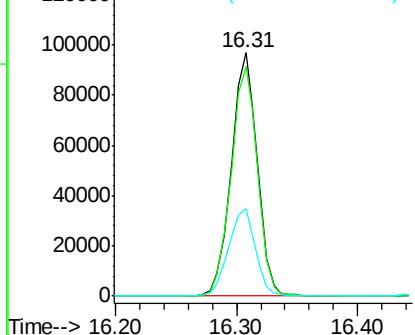


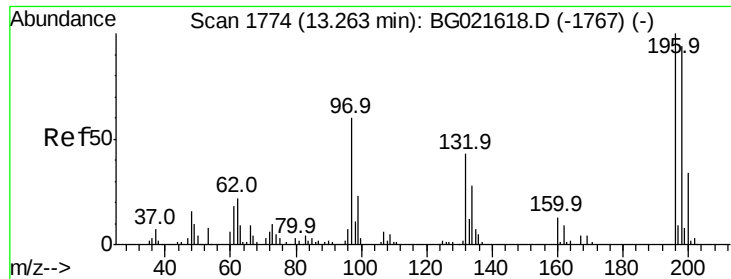
#41
2,4,6-Tribromophenol
Concen: 119.66 ng
RT: 16.31 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

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

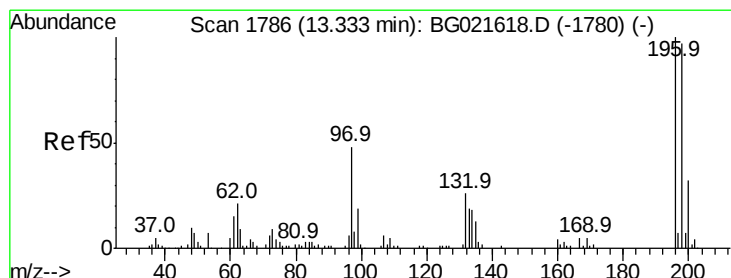
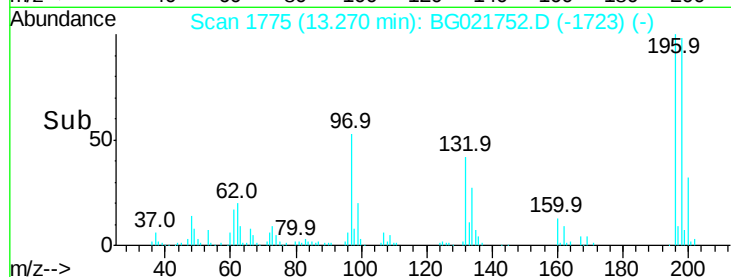
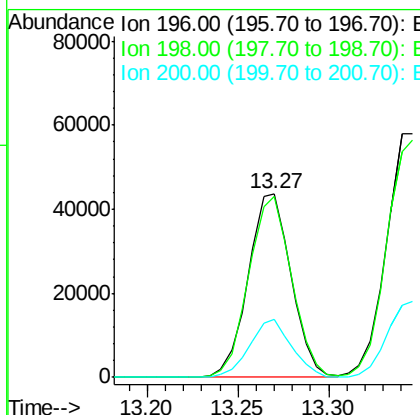
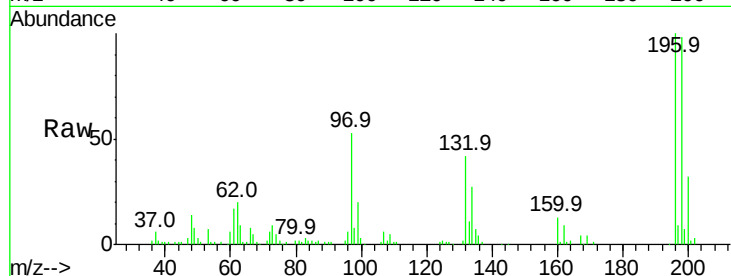




#42
 2,4,6-Trichlorophenol
 Concen: 32.14 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

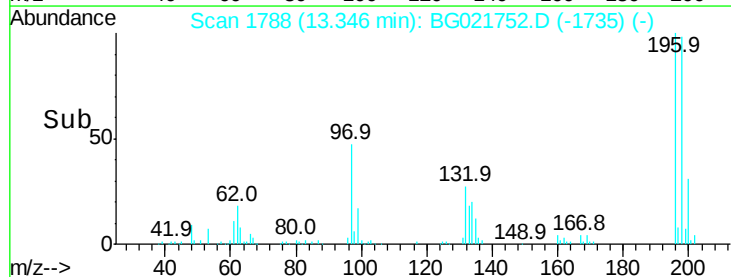
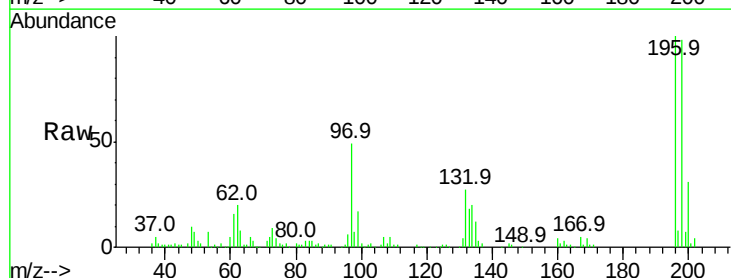
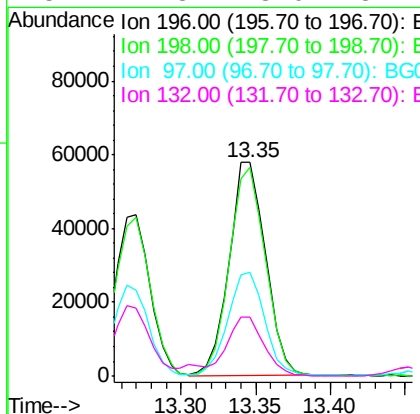
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

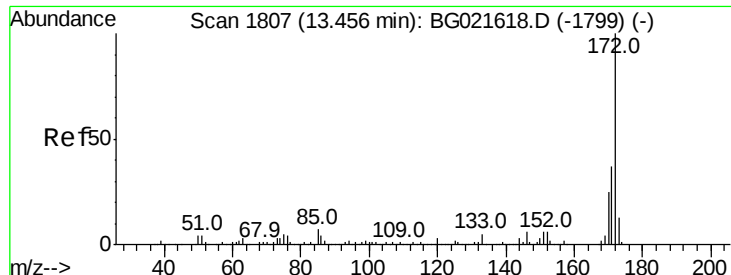
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	80.1	120.1
200	31.7	24.1	36.1



#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

Tgt 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

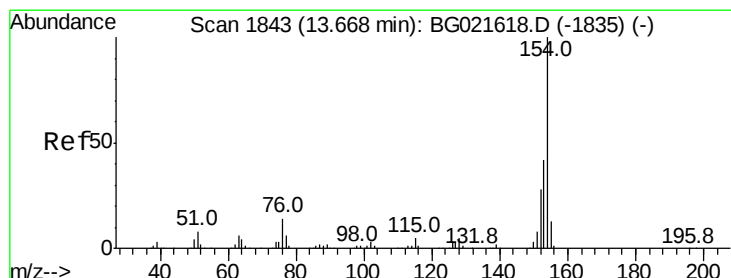
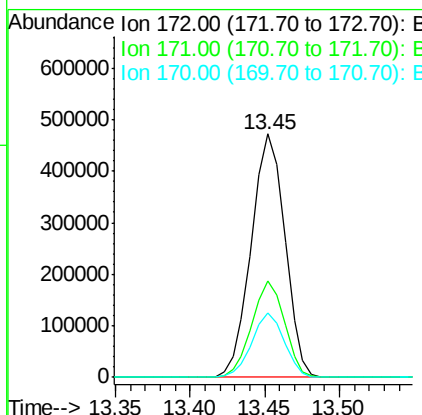
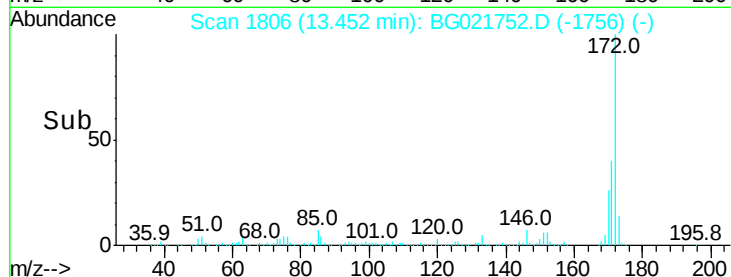
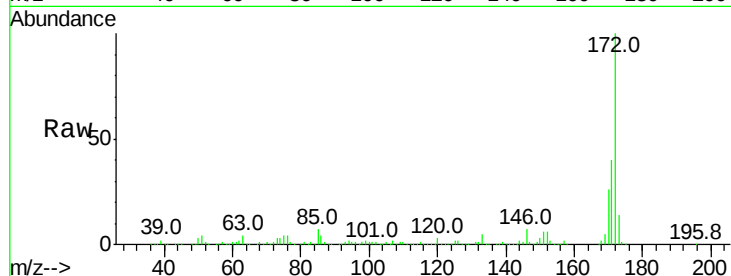




#44
2-Fluorobiphenyl
Concen: 96.03 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

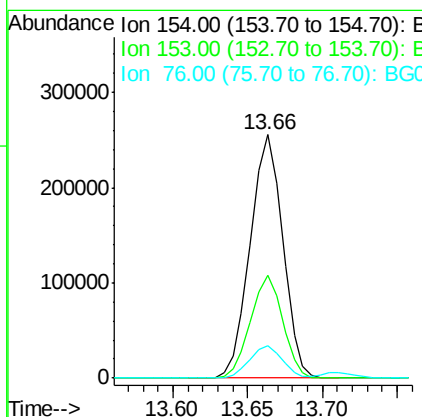
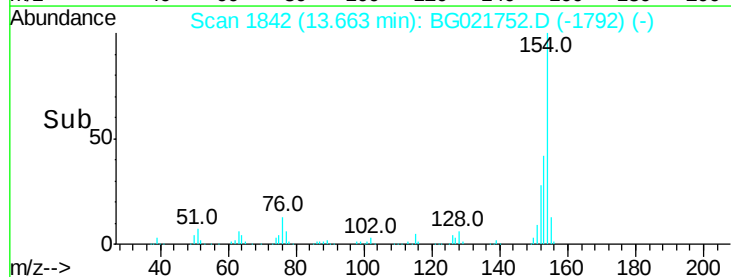
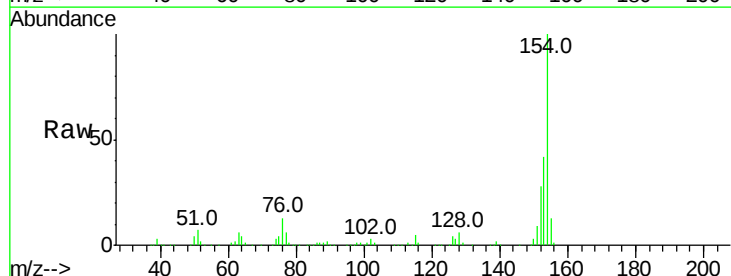
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

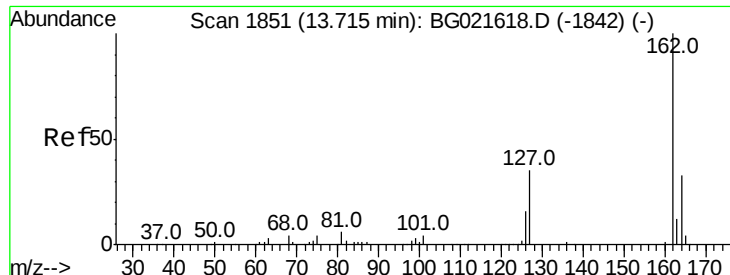
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	26.2	19.6	29.4



#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

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

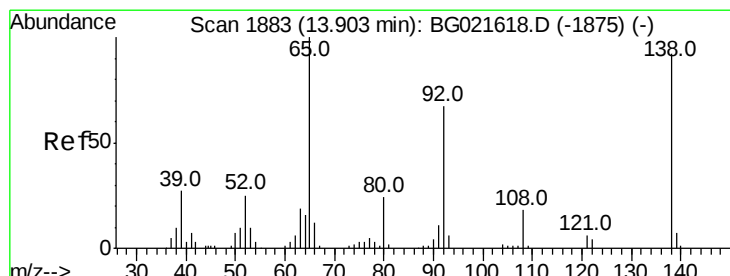
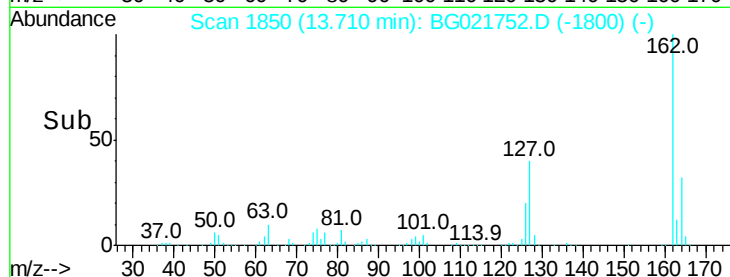
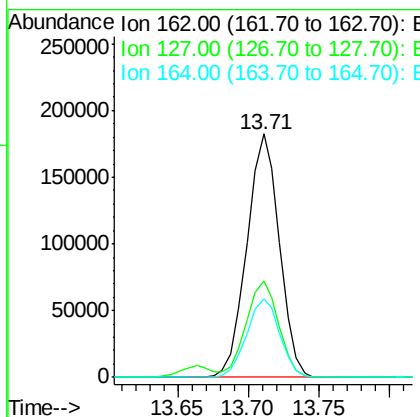
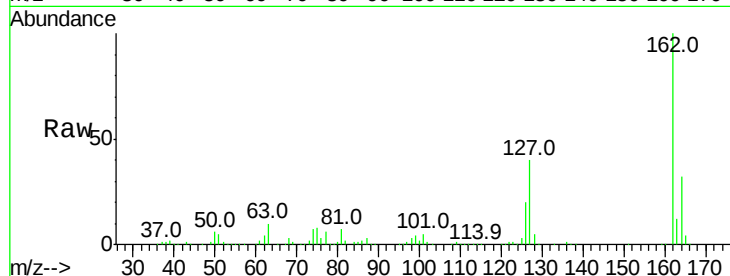




#46
2-Chloronaphthalene
Concen: 42.10 ng
RT: 13.71 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

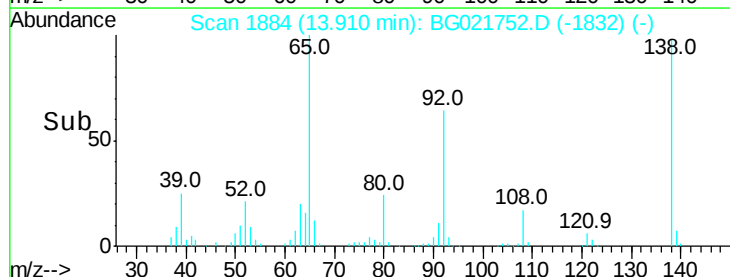
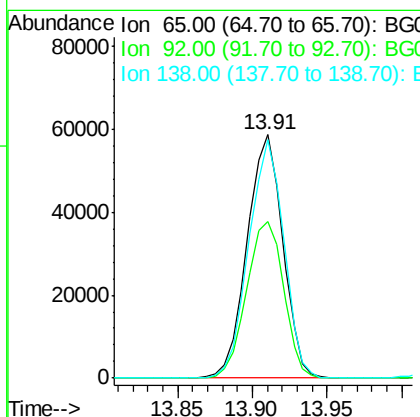
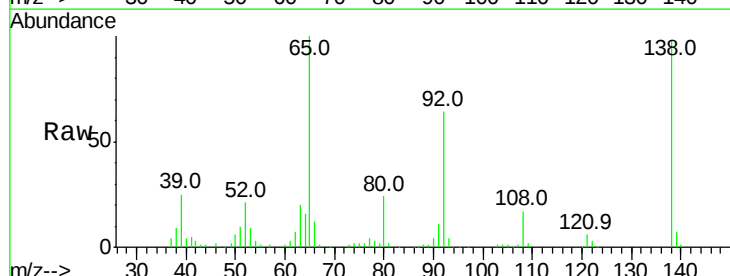
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

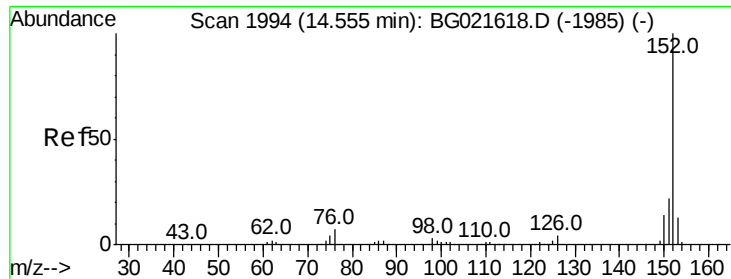
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.0	48.0
164	32.1	27.0	40.4



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

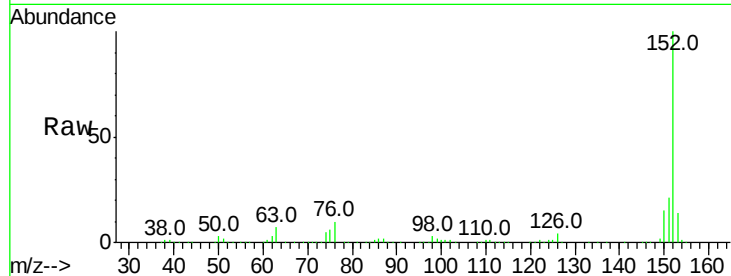
Tot Ion:152 Resp: 460081

Ion Ratio Lower Upper

152 100

151 21.2 16.6 24.8

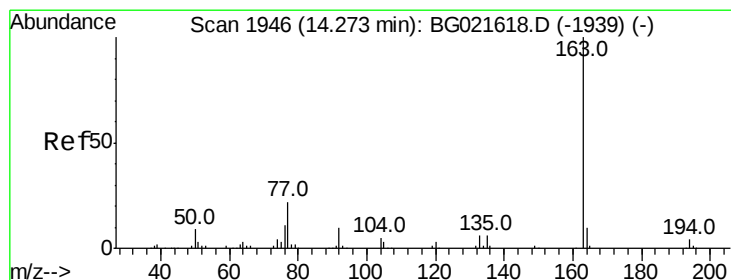
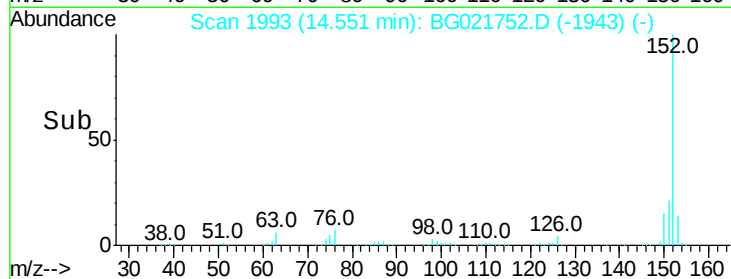
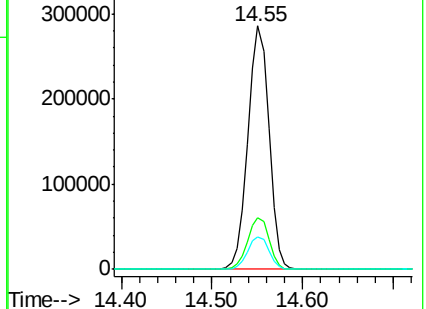
153 13.6 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 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

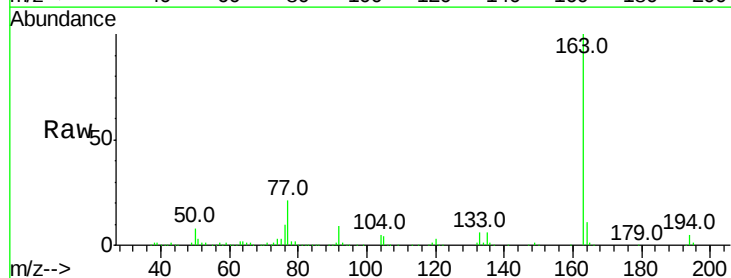
Tgt Ion:163 Resp: 447276

Ion Ratio Lower Upper

163 100

194 4.7 3.0 4.6#

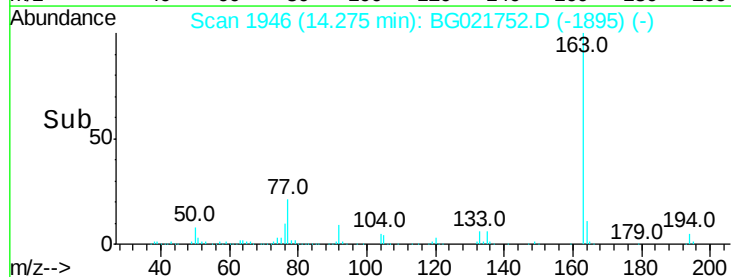
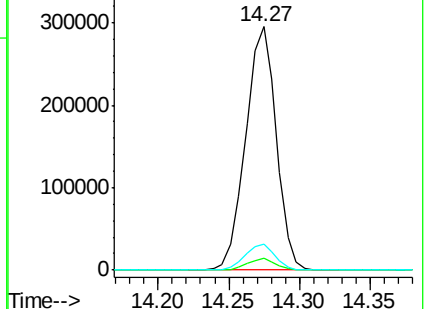
164 10.5 8.1 12.1

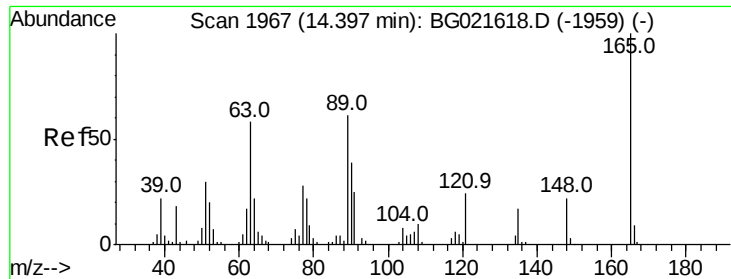


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

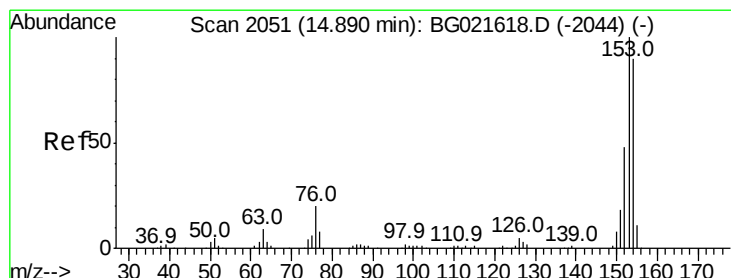
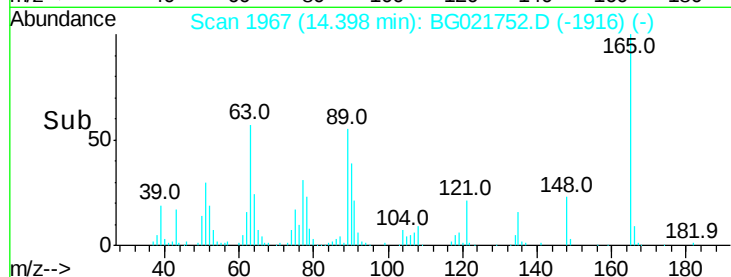
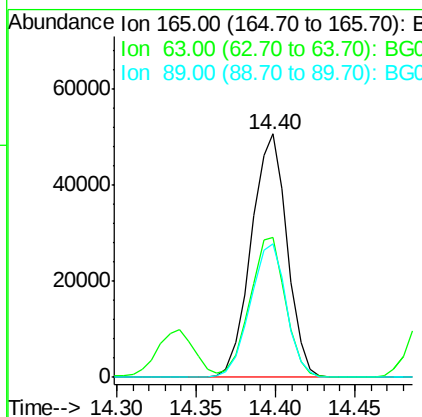
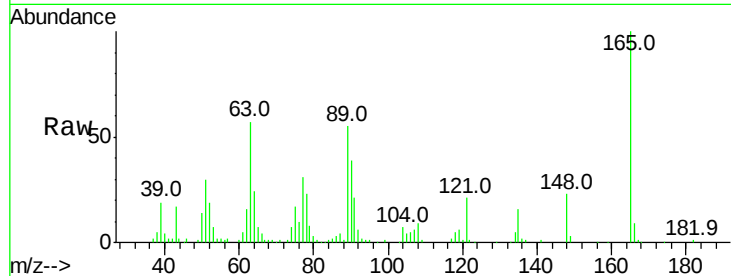




#50
2,6-Dinitrotoluene
Concen: 43.10 ng
RT: 14.40 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

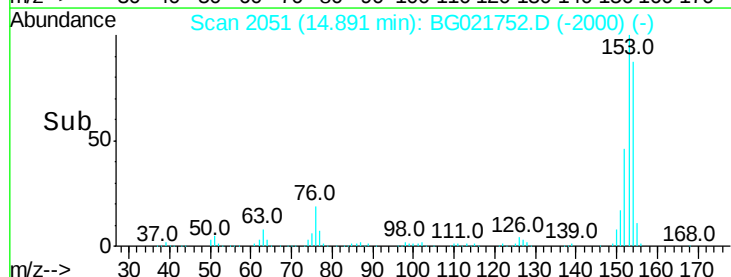
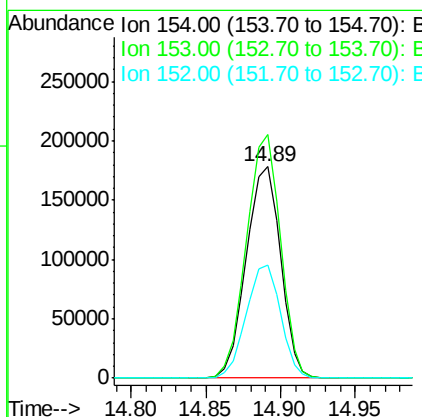
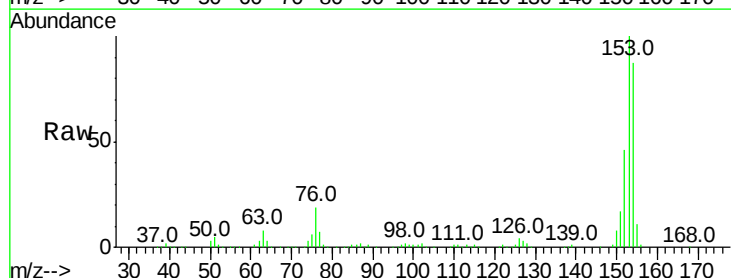
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

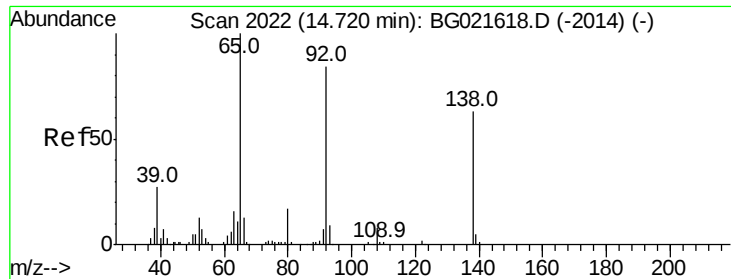
Tot Ion:165 Resp: 79707
Ion Ratio Lower Upper
165 100
63 57.5 48.2 72.4
89 55.1 45.3 67.9



#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

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

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

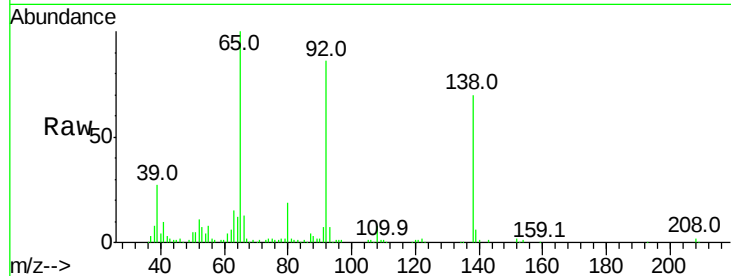
Tot Ion:138 Resp: 55191

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

92 122.7 102.6 154.0

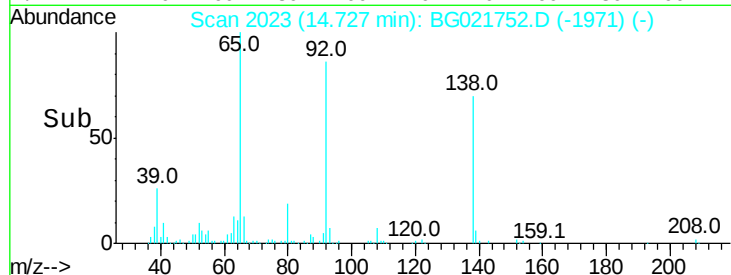


Abundance Ion 138.00 (137.70 to 138.70): E

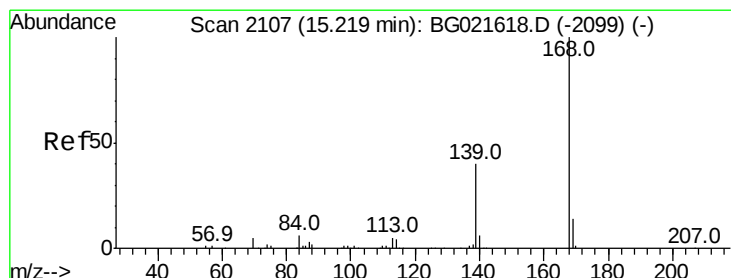
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B

Time-->



Time-->



#54

Dibenzofuran

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

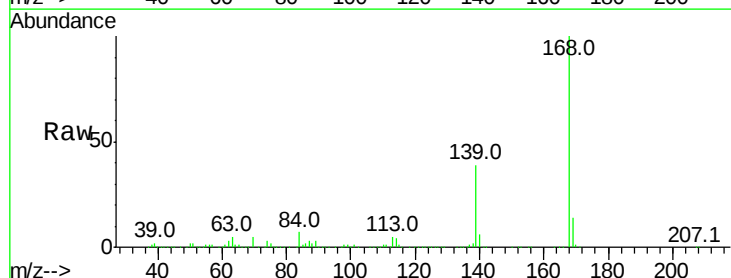
Tgt Ion:168 Resp: 433143

Ion Ratio Lower Upper

168 100

139 39.5 31.1 46.7

169 14.0 11.0 16.6

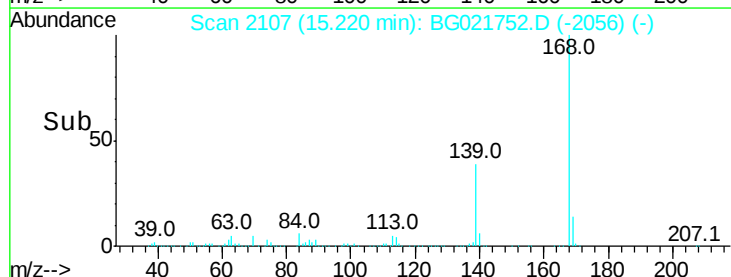


Abundance Ion 168.00 (167.70 to 168.70): E

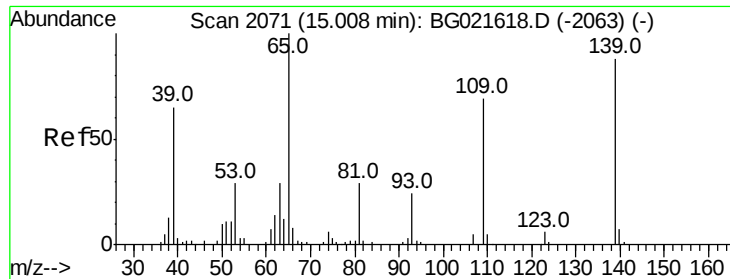
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



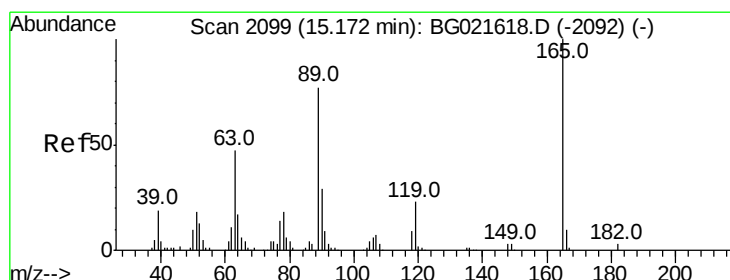
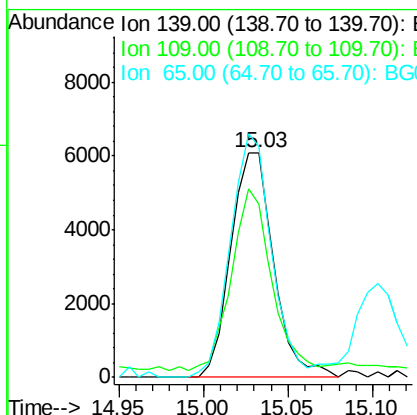
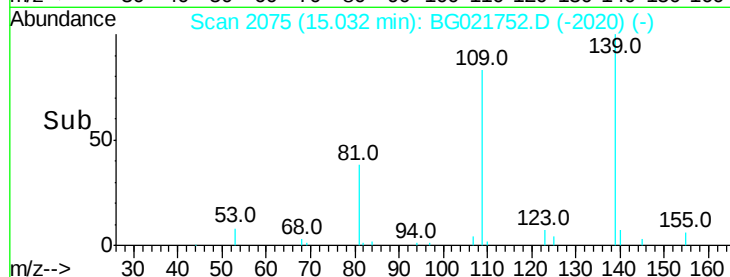
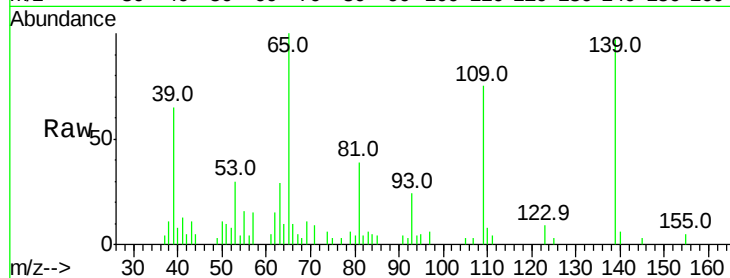
Time-->



#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

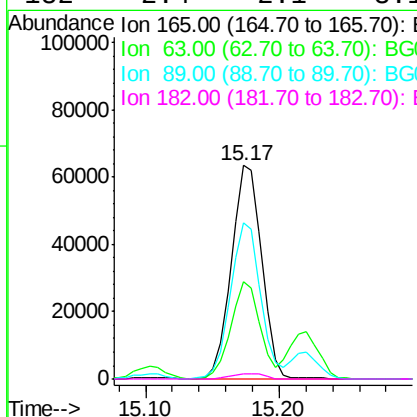
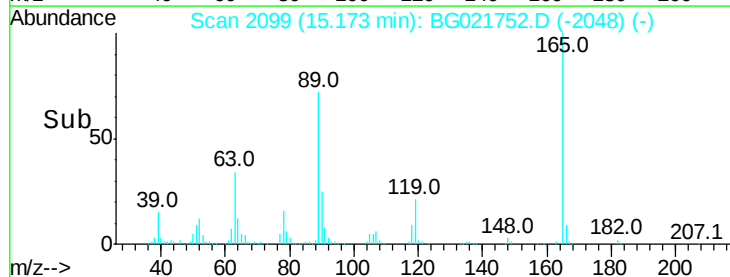
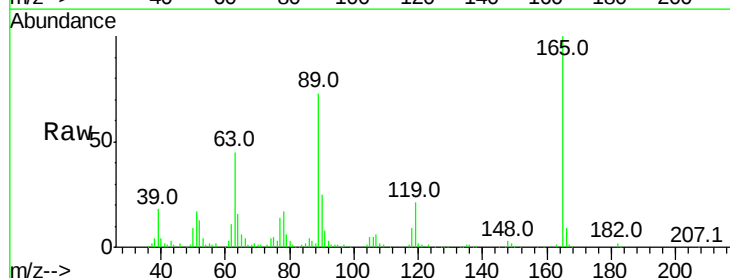
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

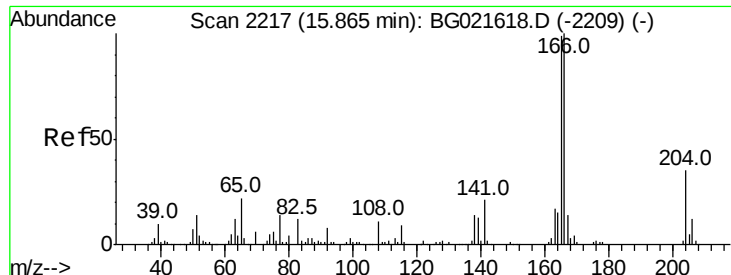
Tot Ion:139 Resp: 10729
Ion Ratio Lower Upper
139 100
109 77.1 49.2 89.2
65 103.0 83.2 123.2



#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

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

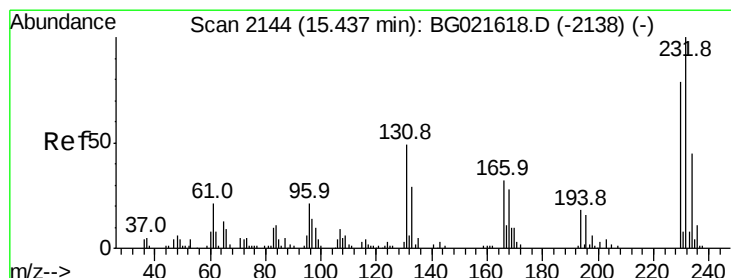
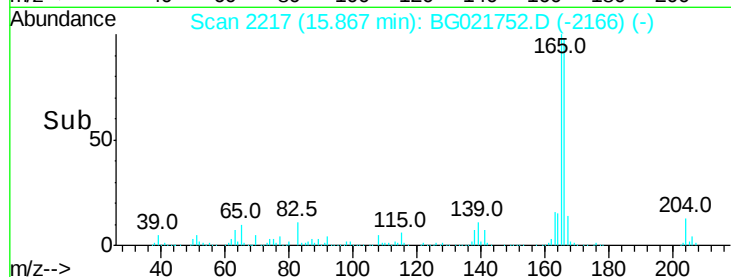
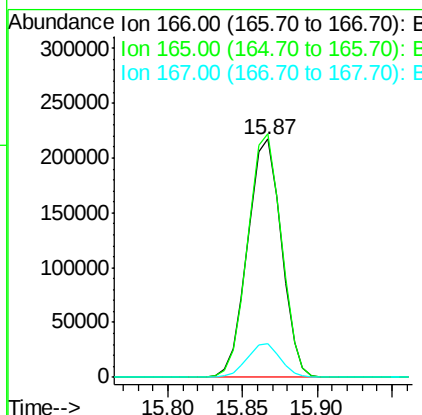
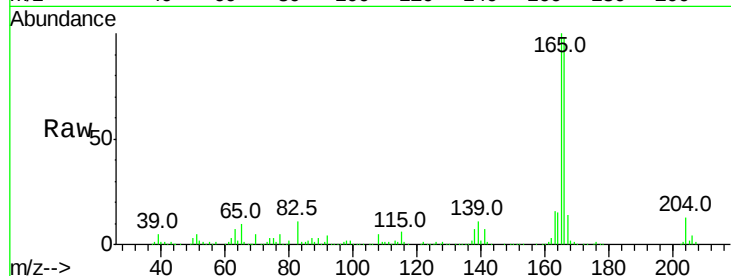




#57
Fluorene
 Concen: 37.65 ng
 RT: 15.87 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

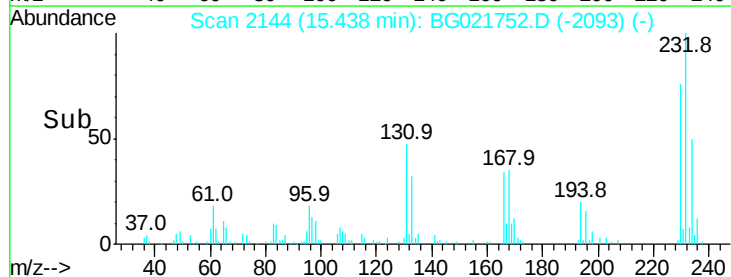
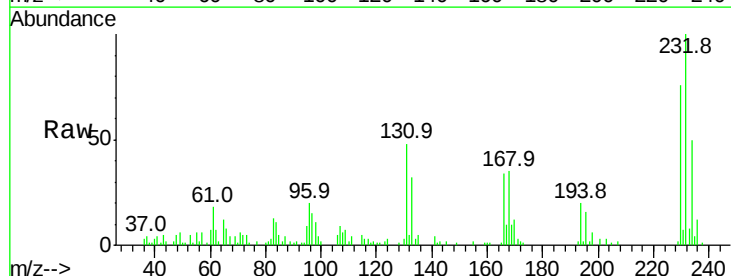
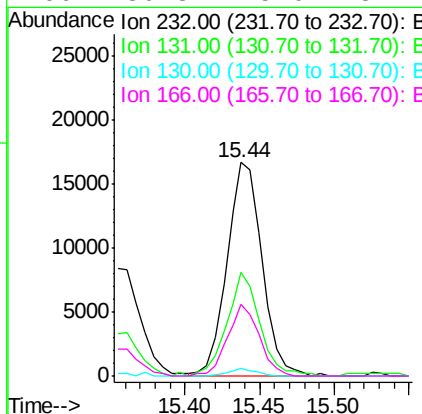
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

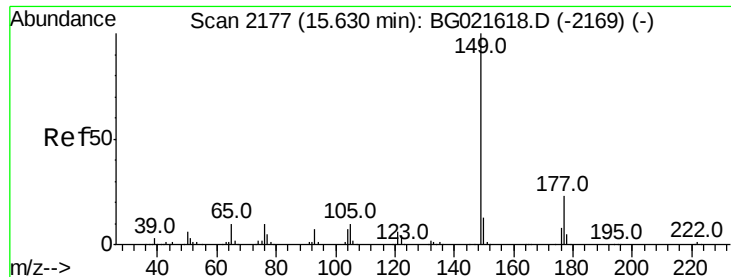
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.0	118.4
167	14.0	10.7	16.1



#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

Tgt 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

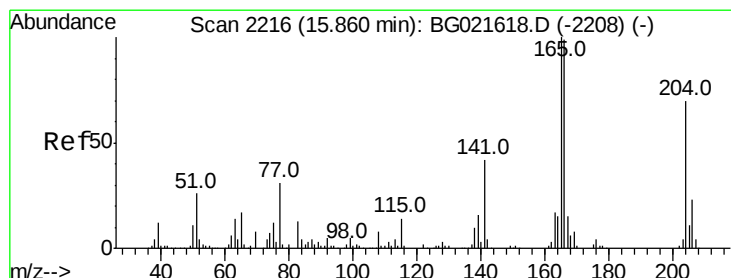
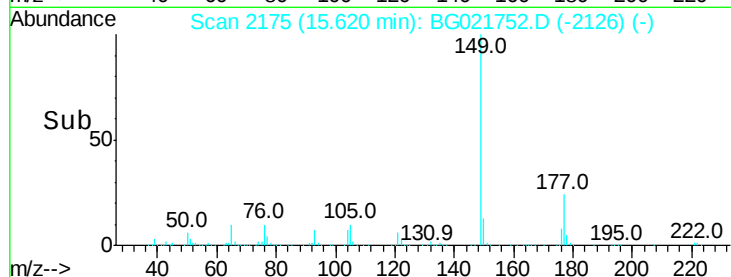
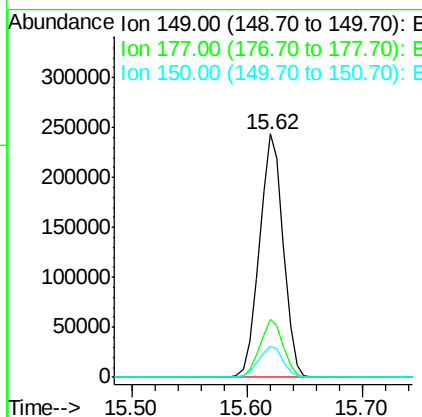
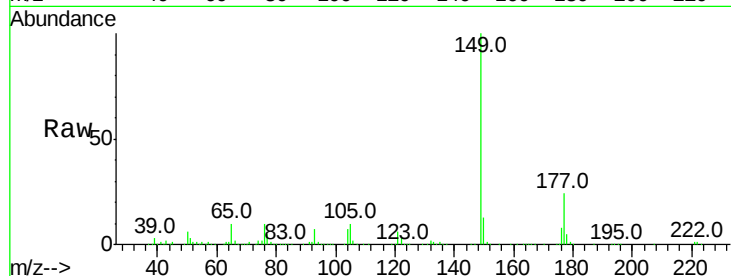




#59
Diethylphthalate
Concen: 34.53 ng
RT: 15.62 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

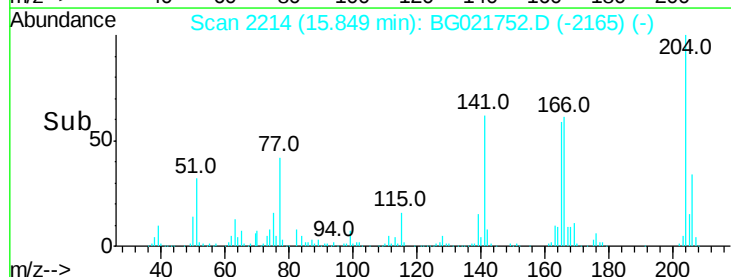
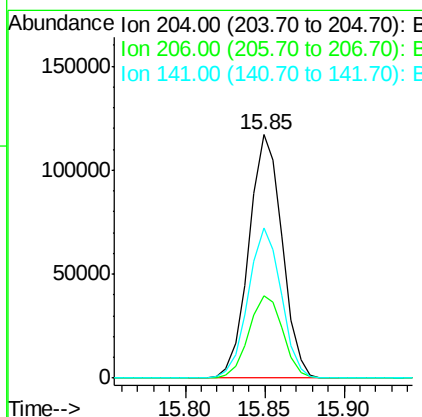
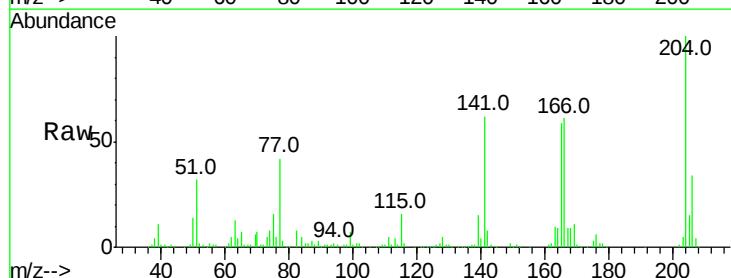
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

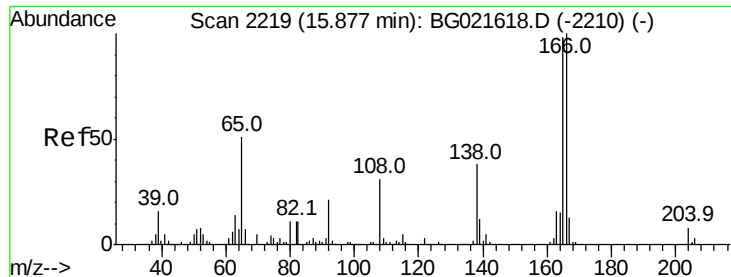
Tot Ion:149 Resp: 349577
Ion Ratio Lower Upper
149 100
177 23.9 17.3 25.9
150 12.9 9.7 14.5



#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

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

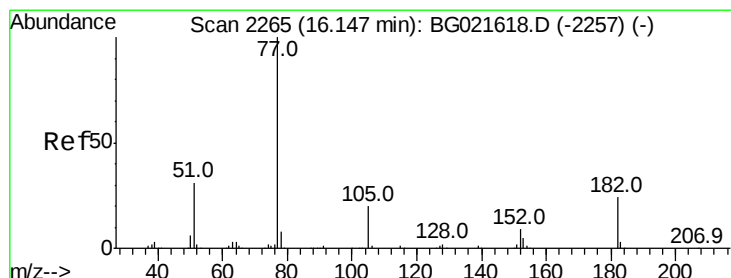
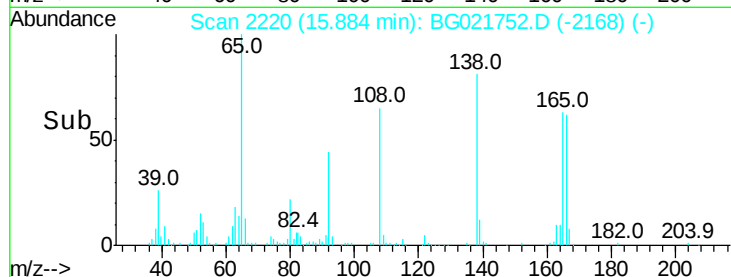
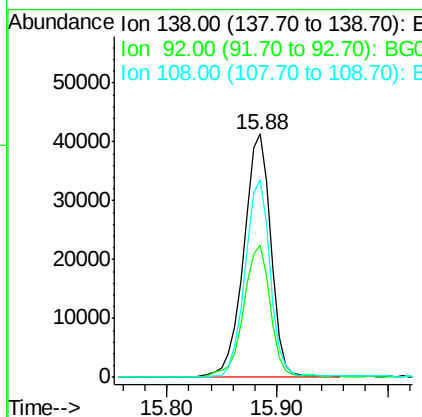
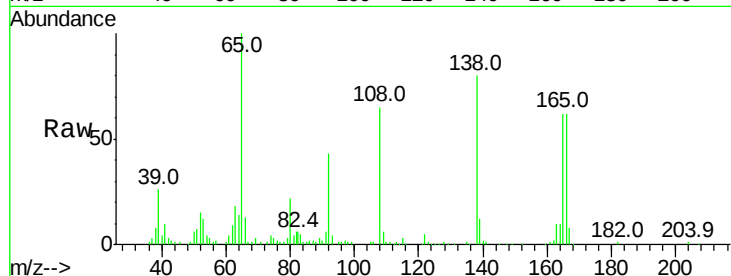




#61
 4-Nitroaniline
 Concen: 31.88 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

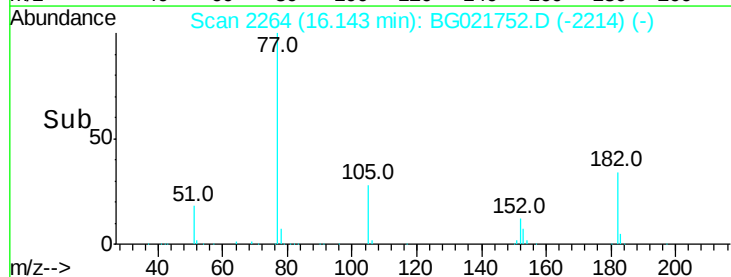
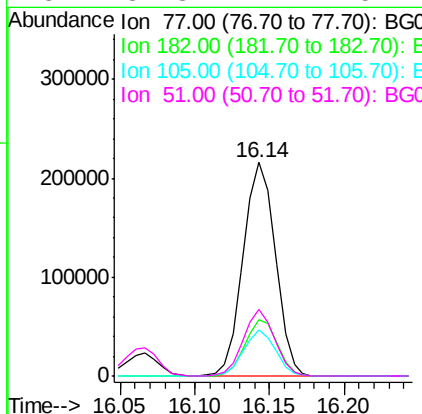
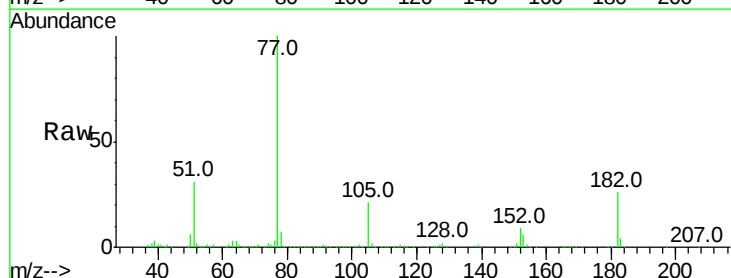
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

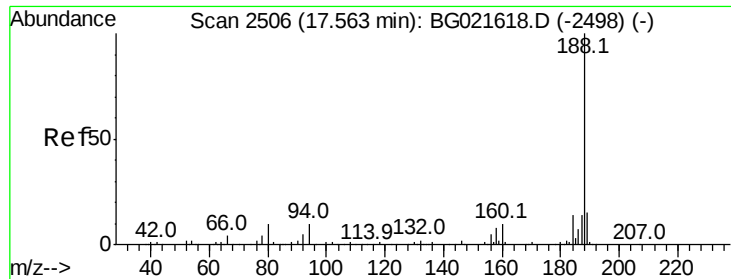
Tot Ion:138 Resp: 71935
 Ion Ratio Lower Upper
 138 100
 92 54.1 37.7 77.7
 108 81.3 59.4 99.4



#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

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

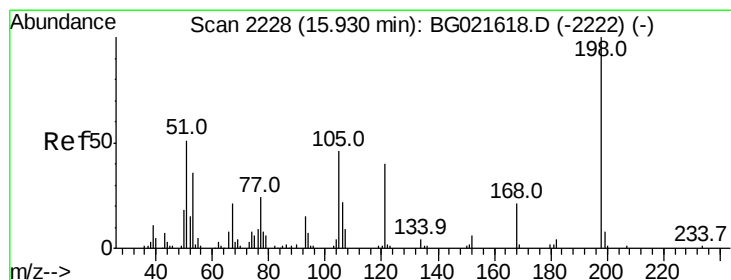
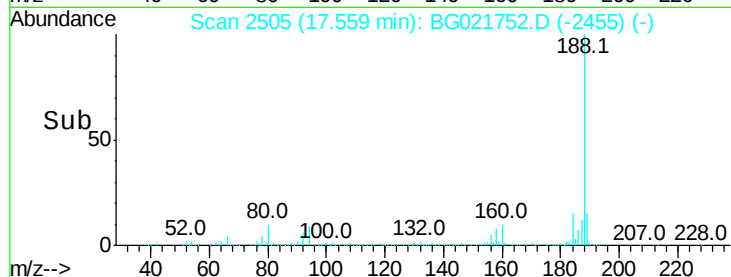
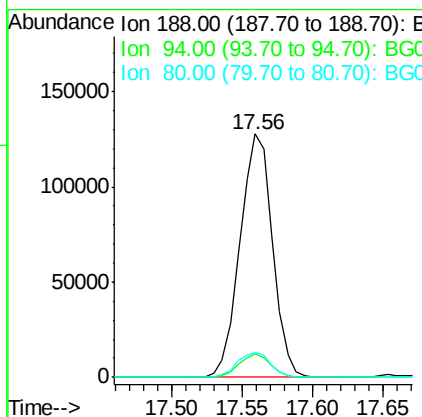
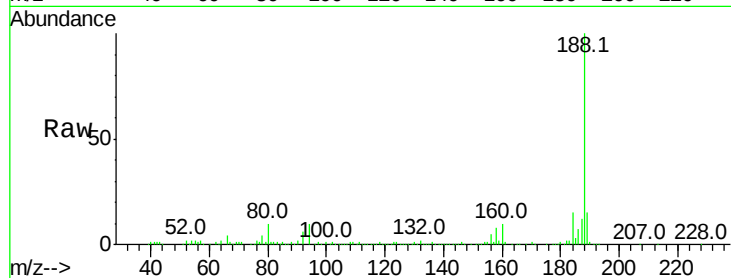




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

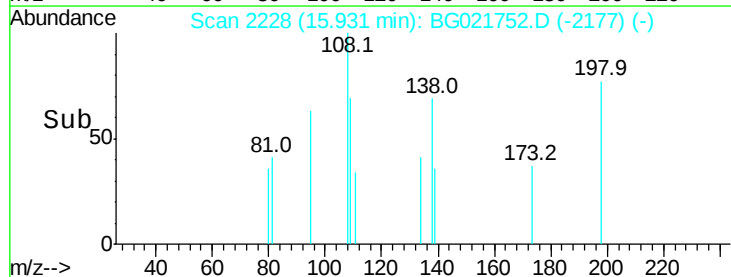
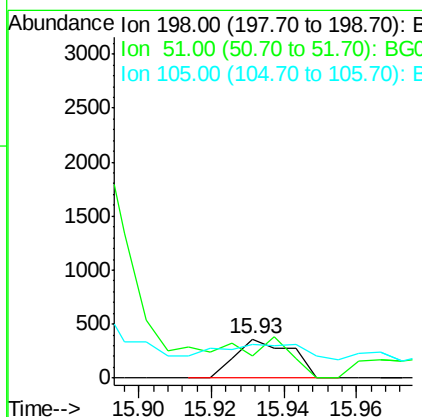
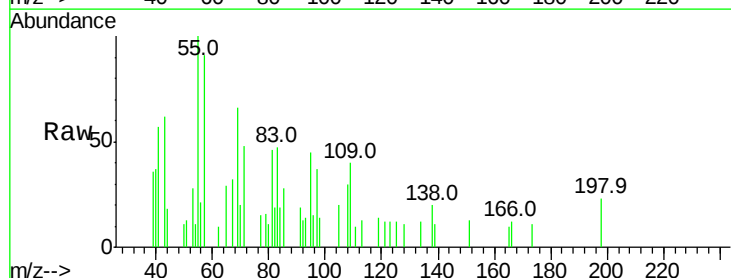
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

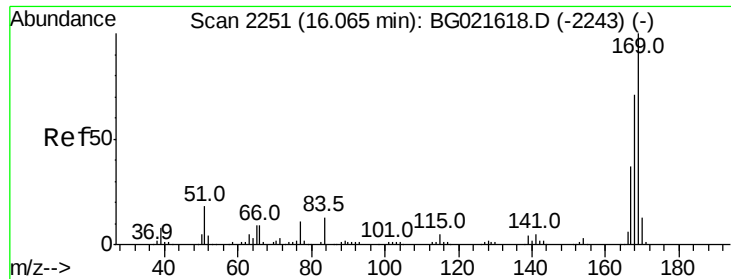
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.4	8.6	13.0



#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

Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.1	29.2	69.2
105	86.4	24.0	64.0





#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

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

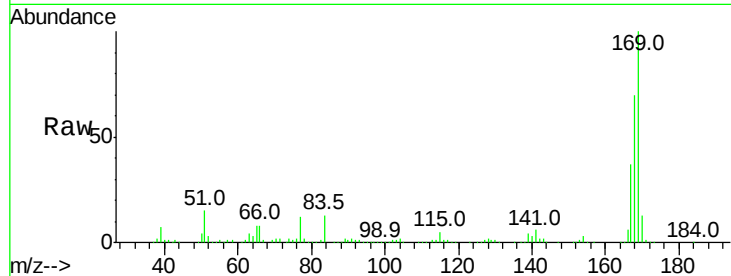
Tot Ion:169 Resp: 289661

Ion Ratio Lower Upper

169 100

168 70.4 59.6 89.4

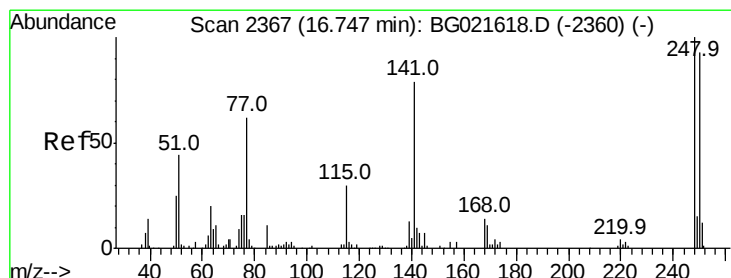
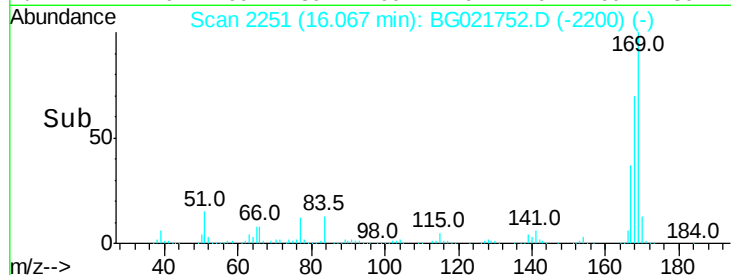
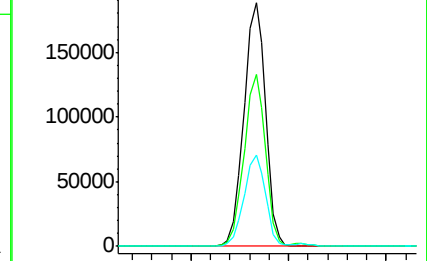
167 37.3 31.2 46.8



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

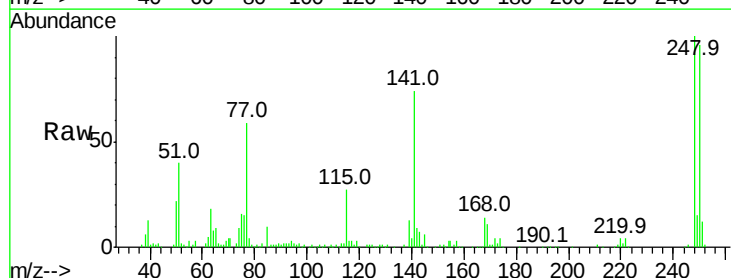
Tgt Ion:248 Resp: 102999

Ion Ratio Lower Upper

248 100

250 96.3 76.6 114.8

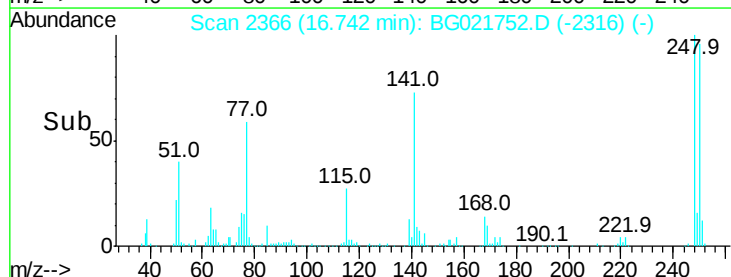
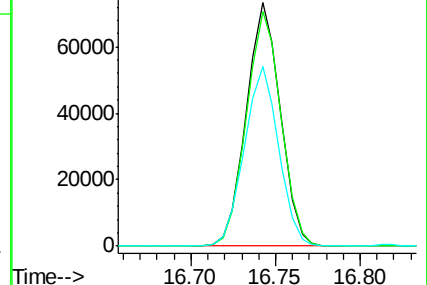
141 74.0 63.8 95.6

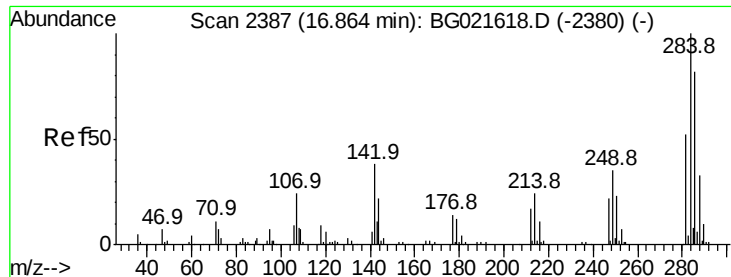


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

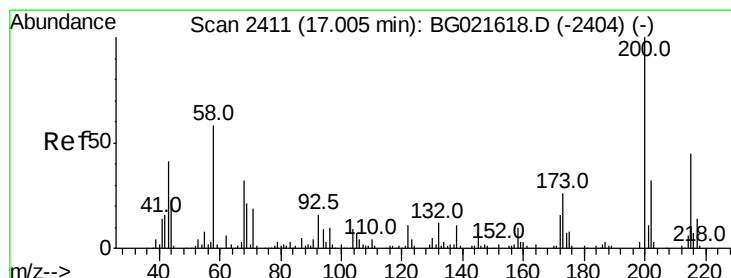
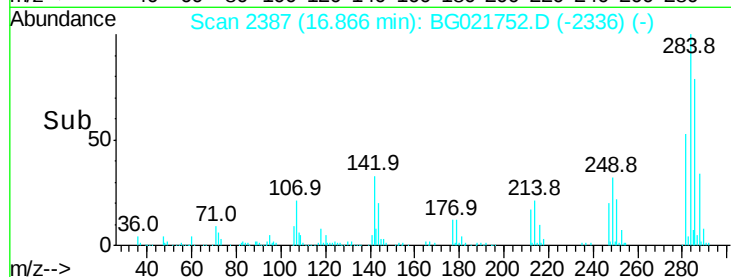
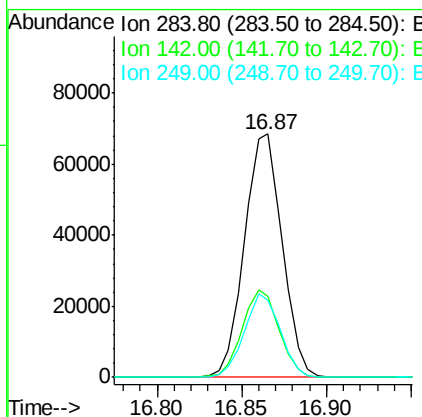
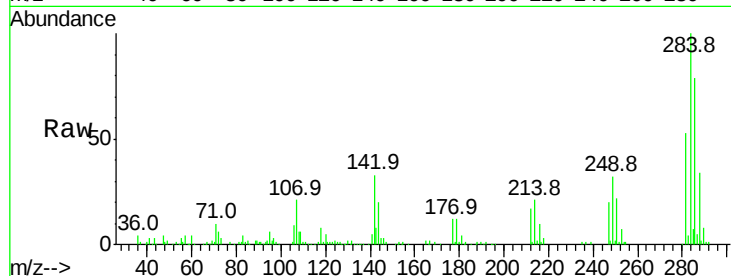




#67
 Hexachlorobenzene
 Concen: 45.94 ng
 RT: 16.87 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

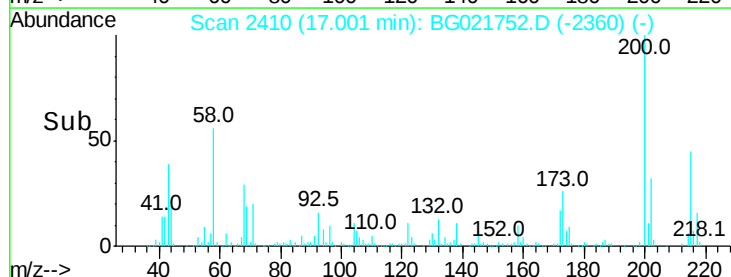
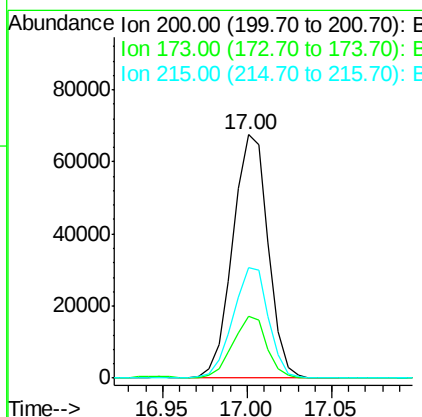
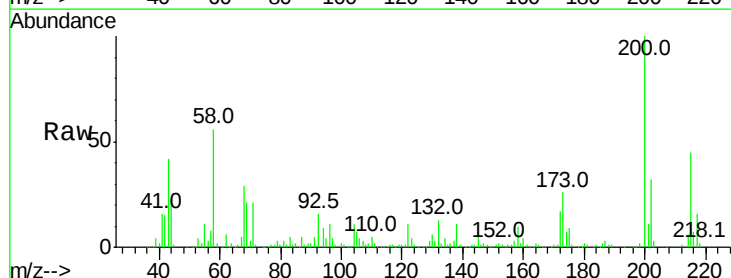
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

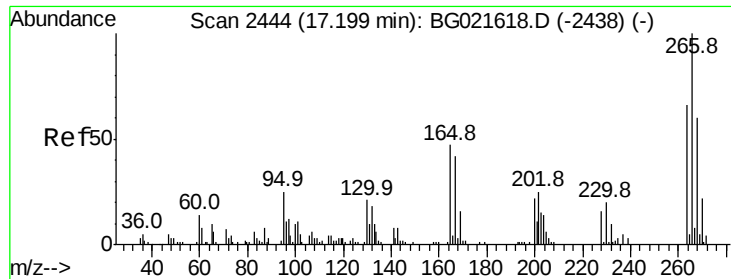
Tot Ion:	284	Resp:	106270
Ion Ratio	Lower	Upper	
284	100		
142	33.0	31.8	47.6
249	31.5	27.3	40.9



#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

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

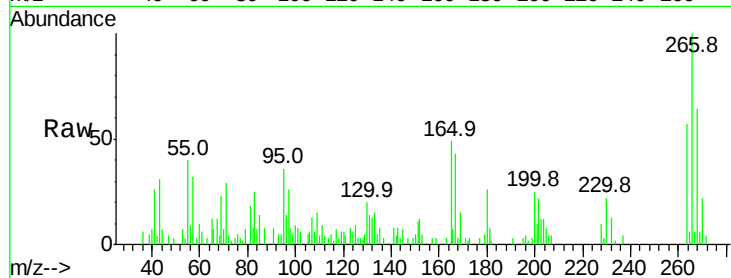




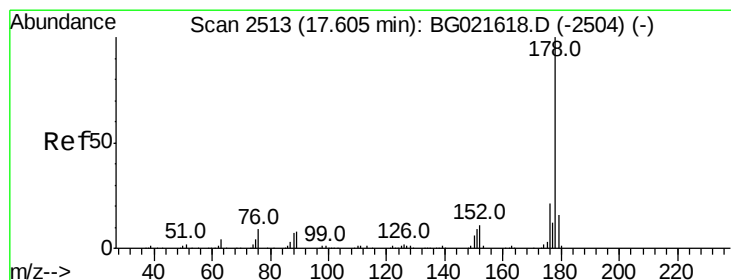
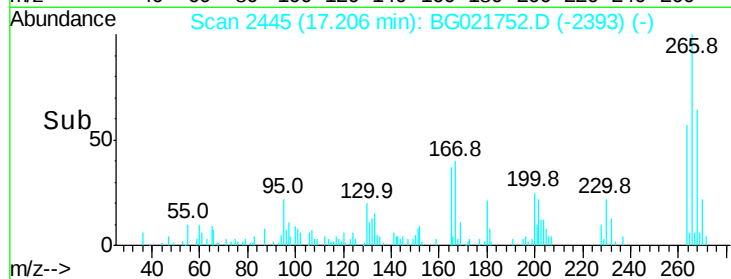
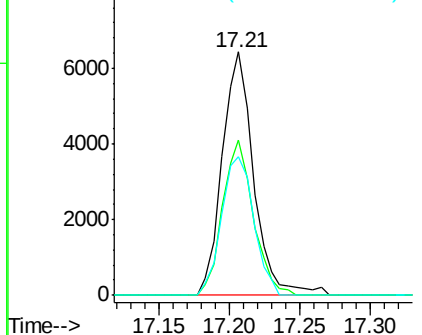
#69
 Pentachlorophenol
 Concen: 7.56 ng
 RT: 17.21 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

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

Tot Ion:266 Resp: 9988
 Ion Ratio Lower Upper
 266 100
 268 63.8 54.5 81.7
 264 57.0 53.8 80.6

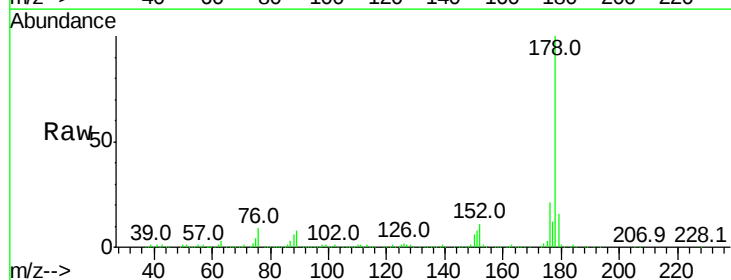


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

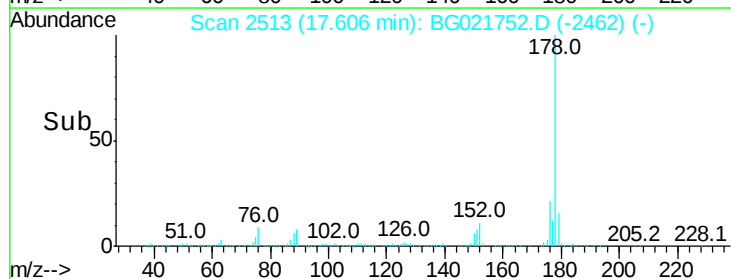
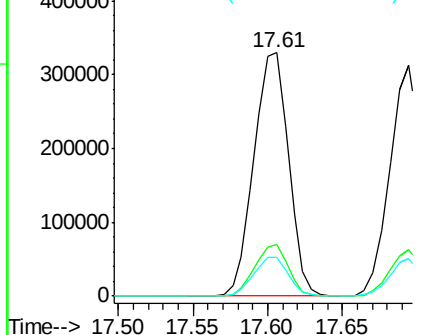


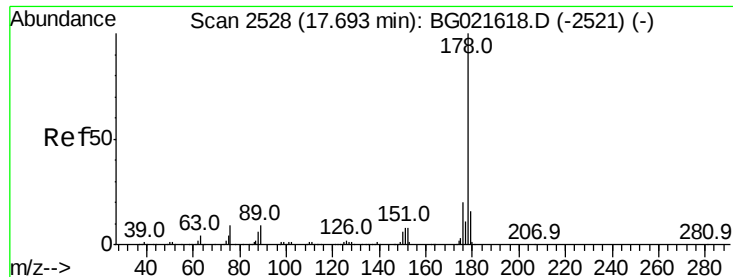
#70
 Phenanthrene
 Concen: 46.85 ng
 RT: 17.61 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

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

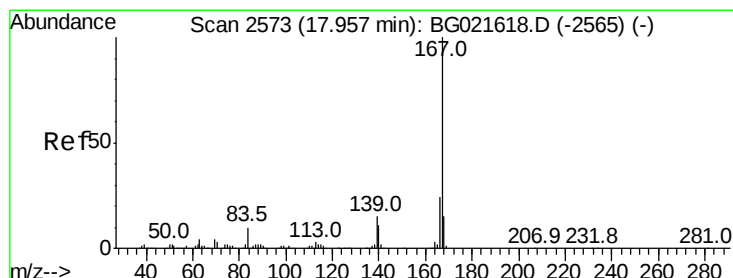
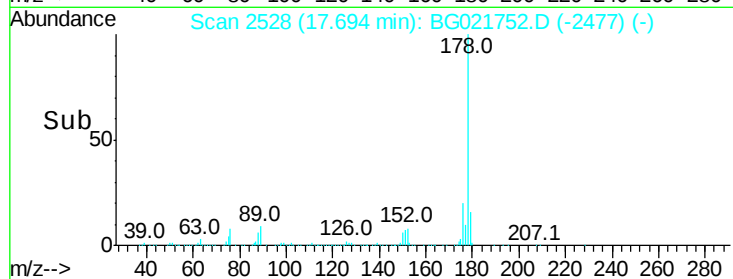
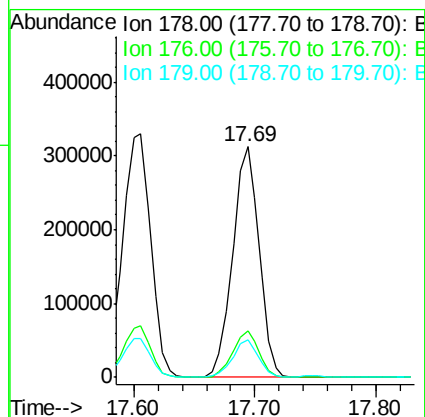
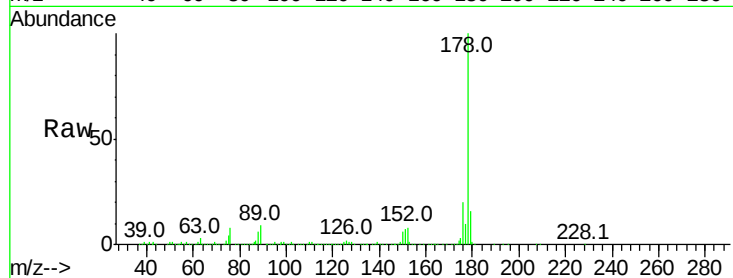




#71
 Anthracene
 Concen: 41.51 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

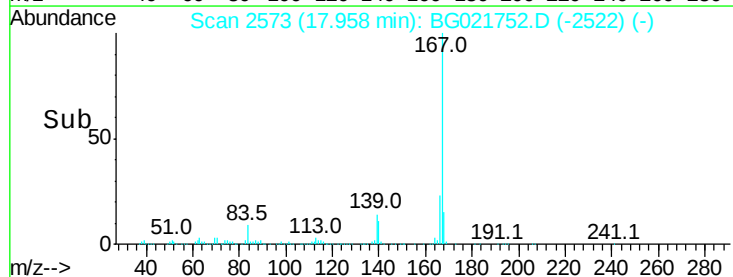
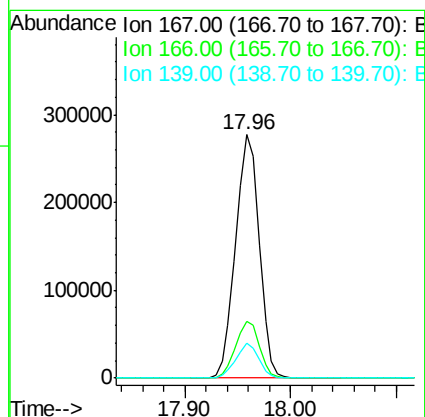
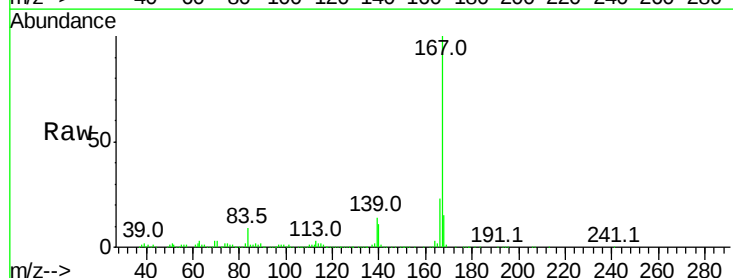
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

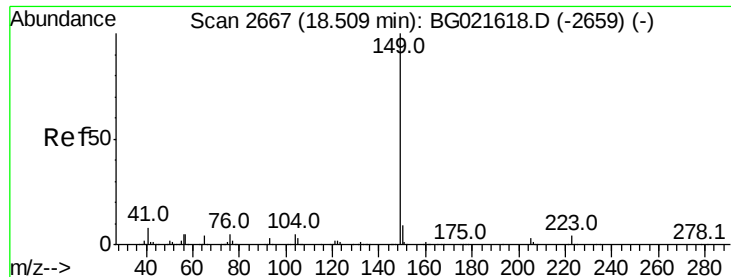
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	16.3	12.2	18.4



#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

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.6	27.8
139	14.5	10.6	15.8

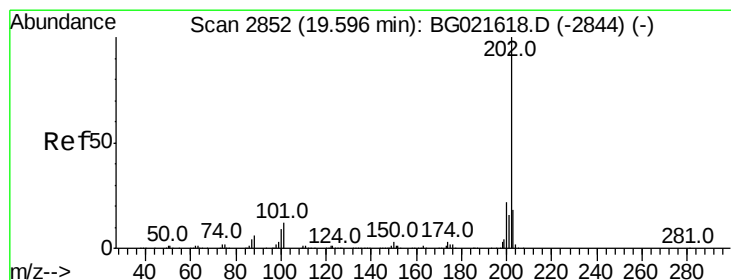
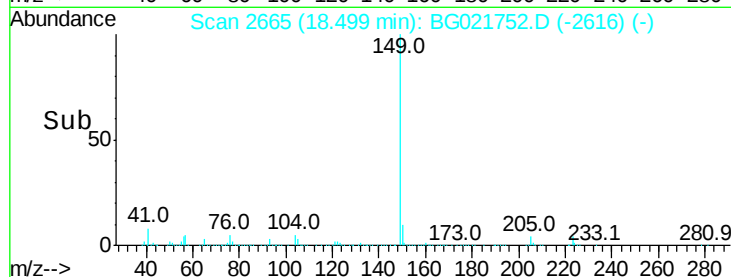
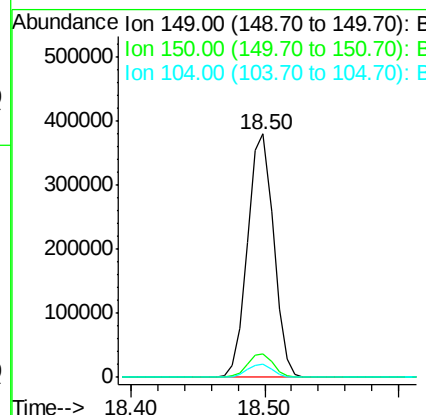
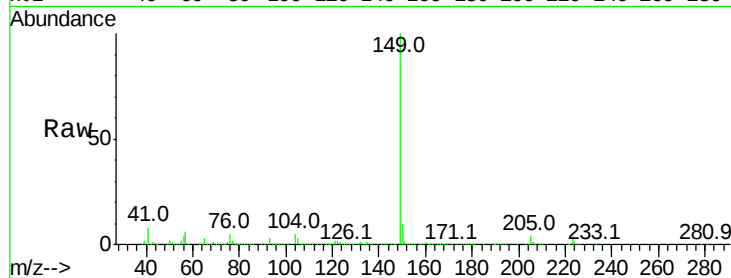




#73
Di-n-butylphthalate
Concen: 37.49 ng
RT: 18.50 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

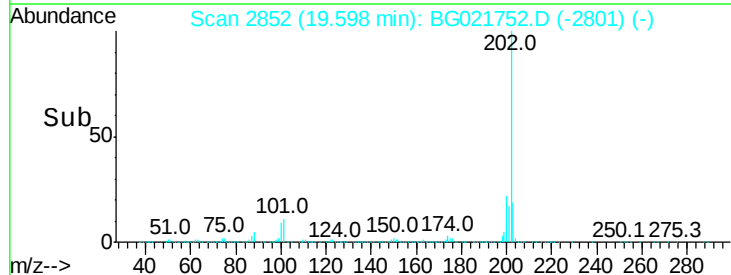
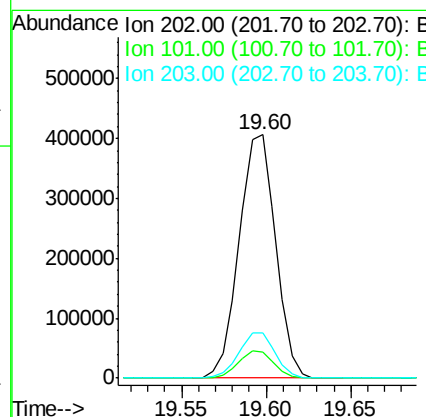
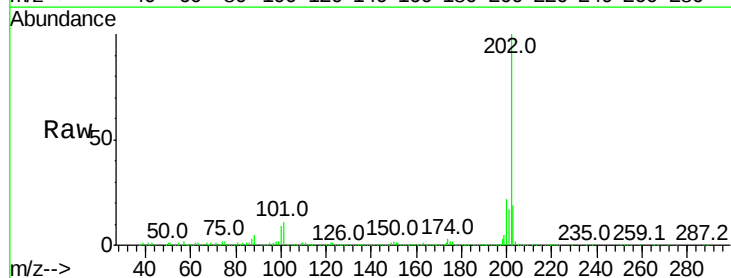
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

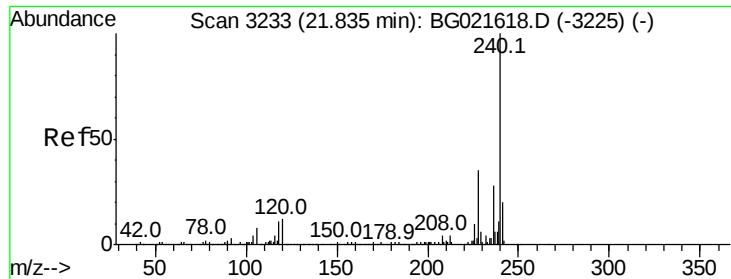
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.3	4.0	6.0



#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

Tgt 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

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

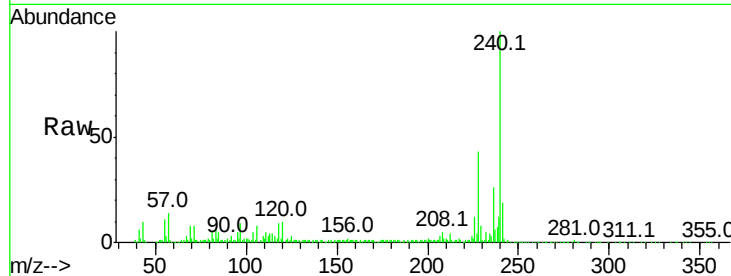
Tot Ion:240 Resp: 225171

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

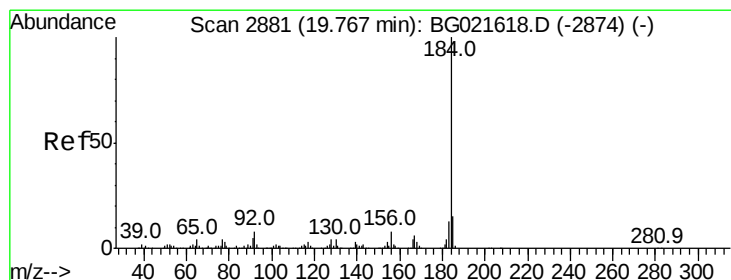
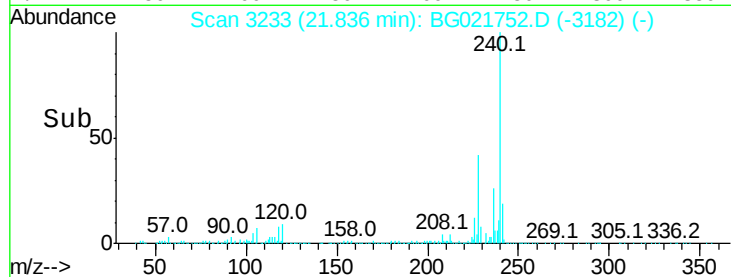
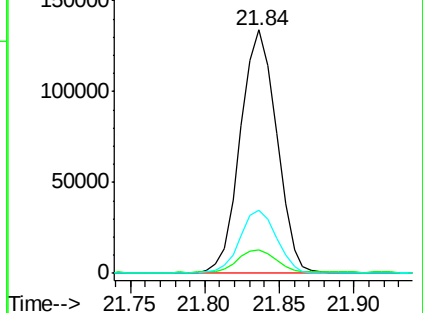
236 25.7 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 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

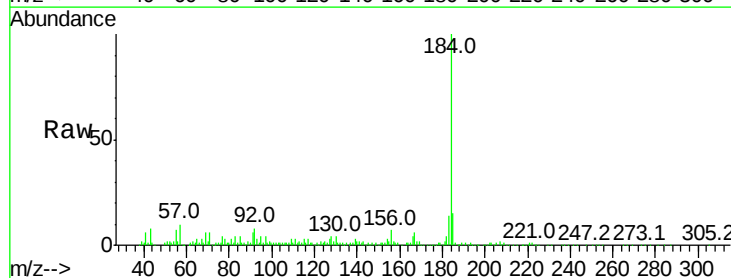
Tgt Ion:184 Resp: 118932

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

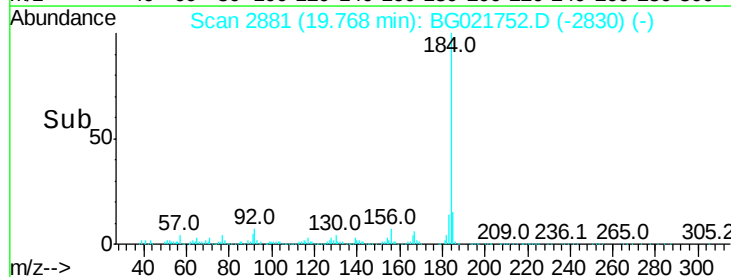
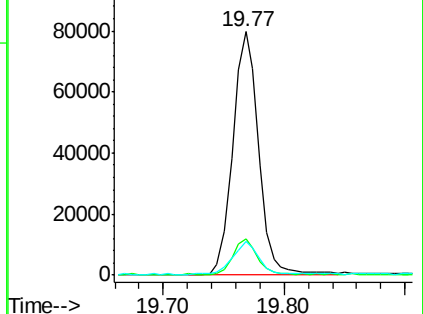
183 13.9 10.2 15.4

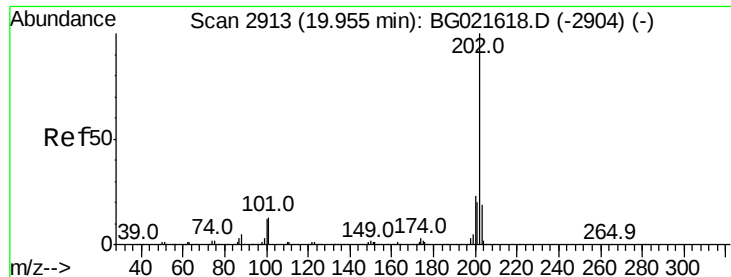


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

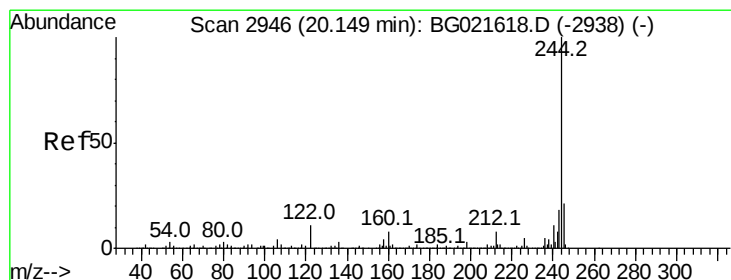
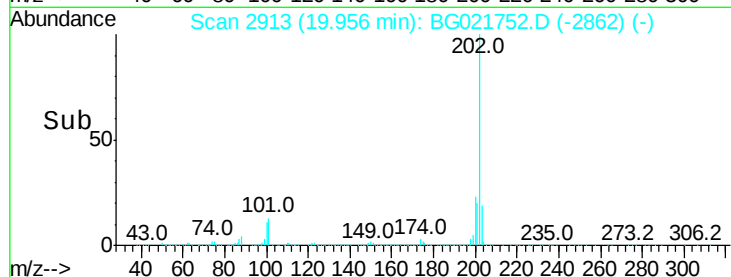
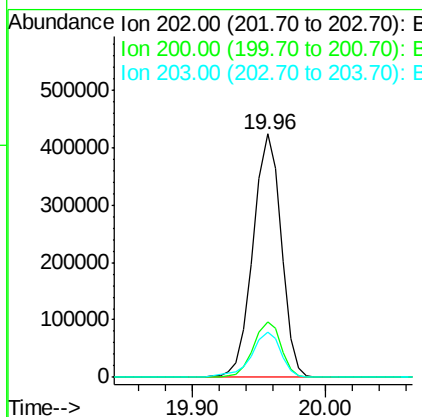
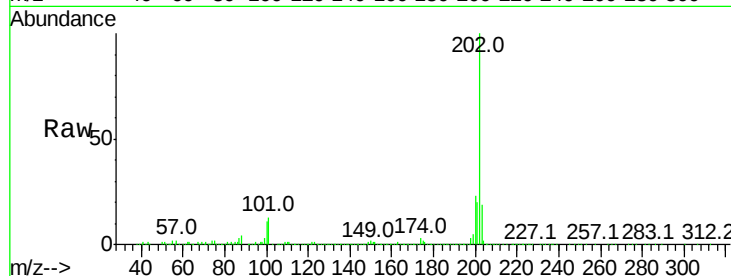




#77
Pvrene
Concen: 47.38 ng
RT: 19.96 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

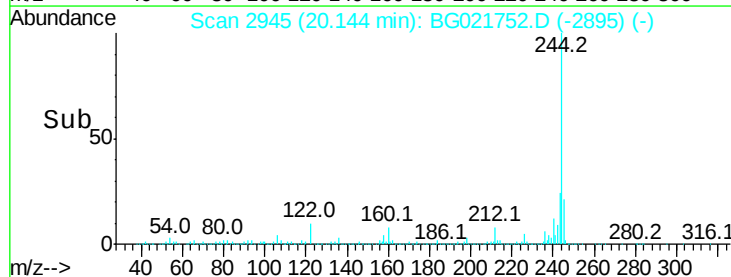
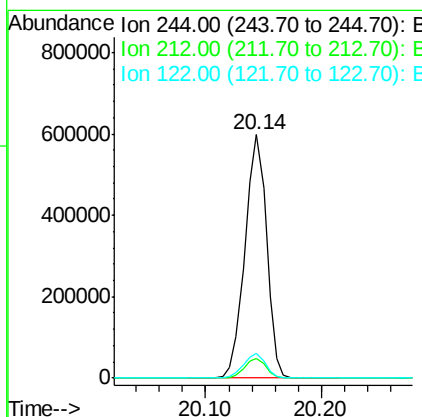
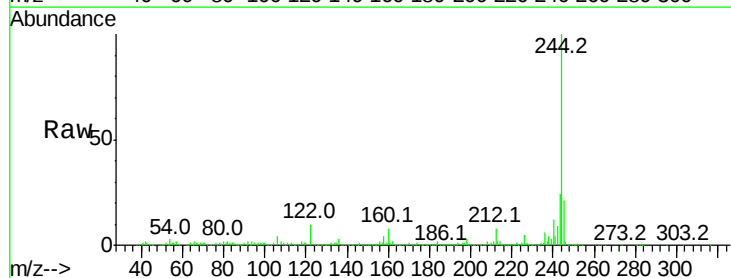
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

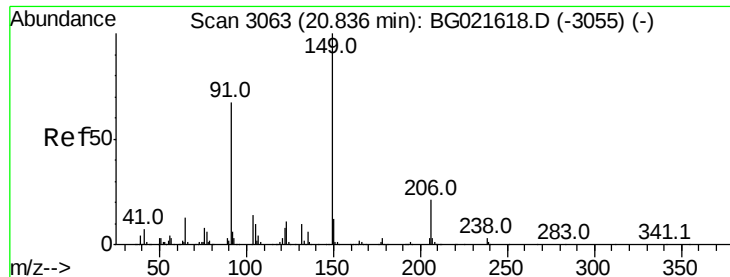
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	18.7	15.0	22.4



#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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	10.1	8.6	12.8





#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

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

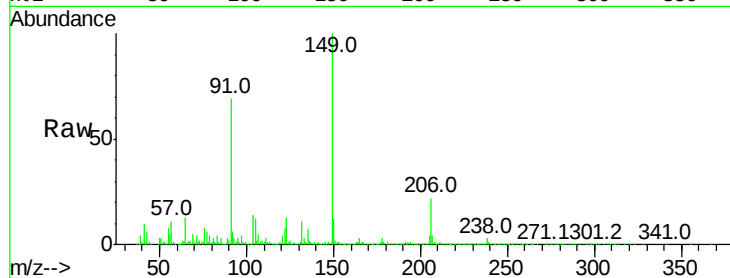
Tot Ion:149 Resp: 237964

Ion Ratio Lower Upper

149 100

91 69.3 57.8 86.8

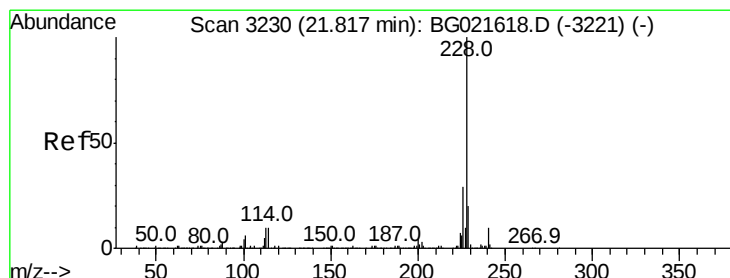
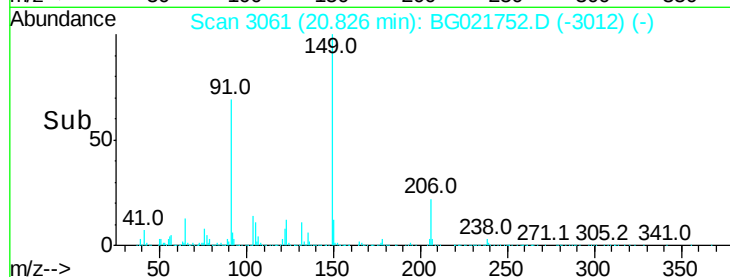
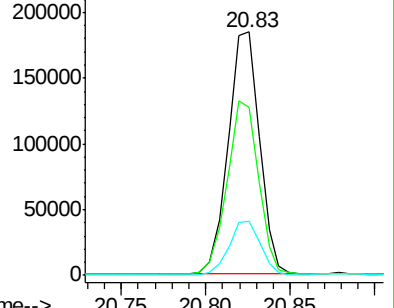
206 22.2 17.0 25.4



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



#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

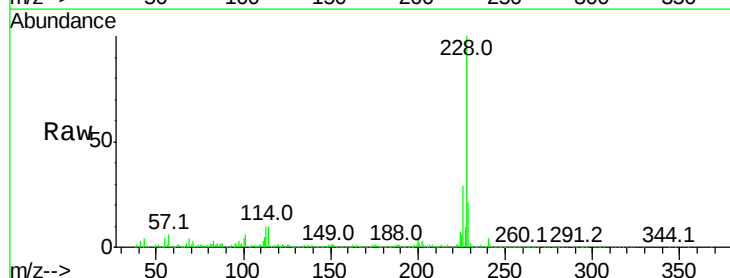
Tgt Ion:228 Resp: 580771

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

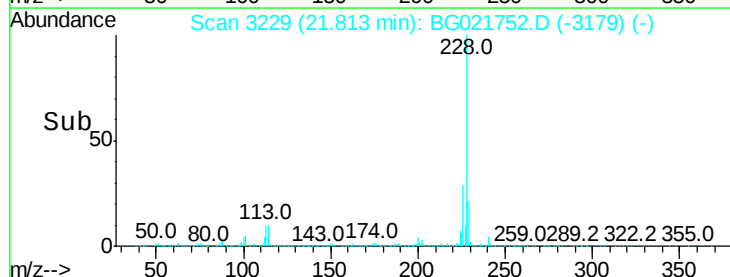
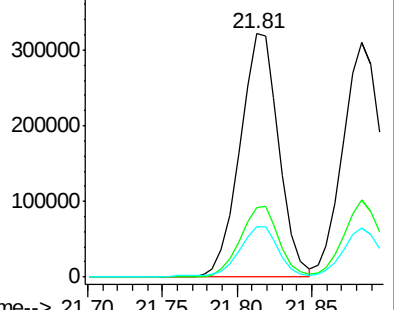
229 20.9 16.1 24.1

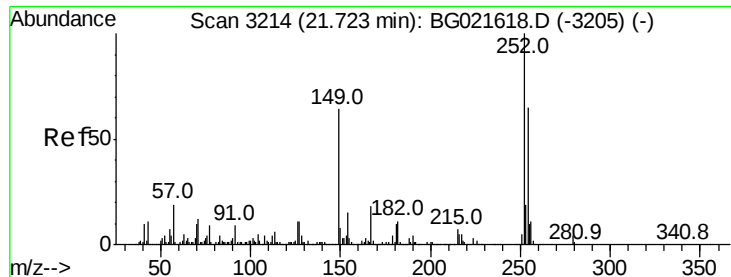


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

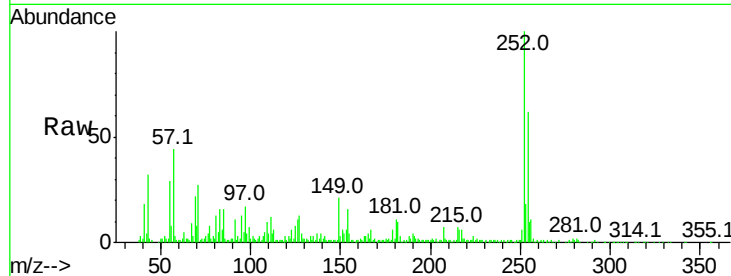




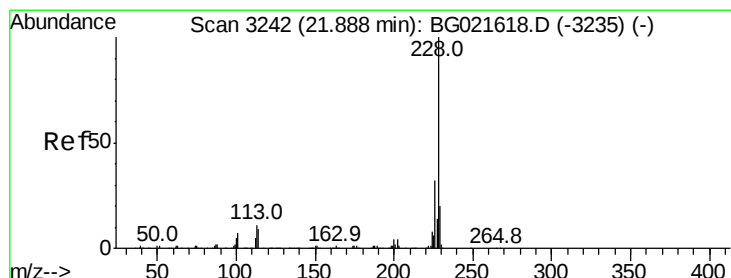
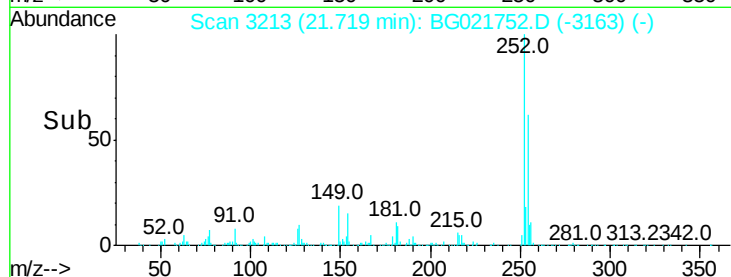
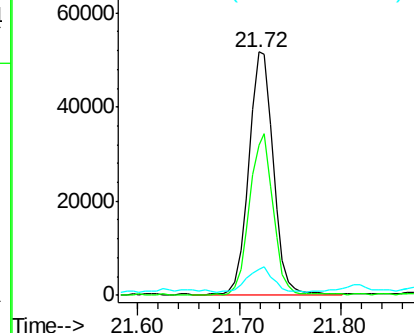
#81
 3,3'-Dichlorobenzidine
 Concen: 8.53 ng
 RT: 21.72 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

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

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

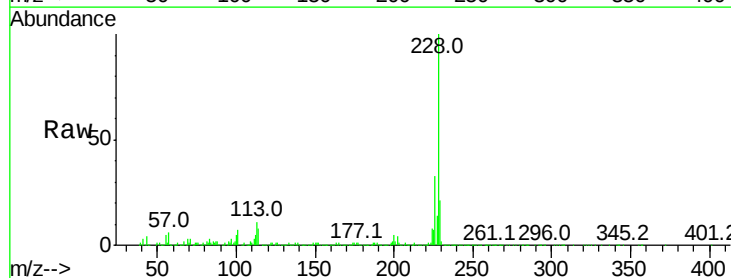


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

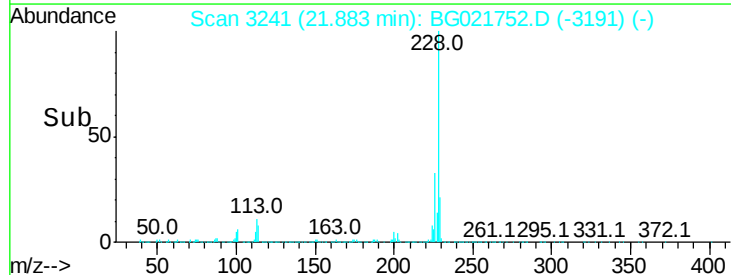
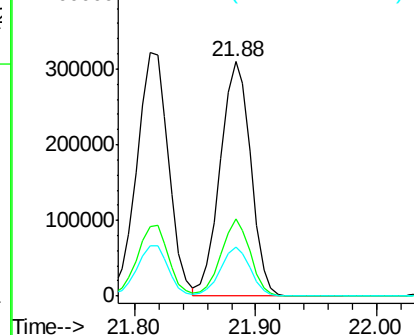


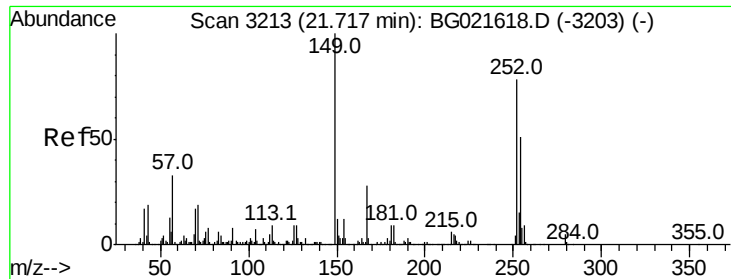
#82
 Chrysene
 Concen: 43.16 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.00 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

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

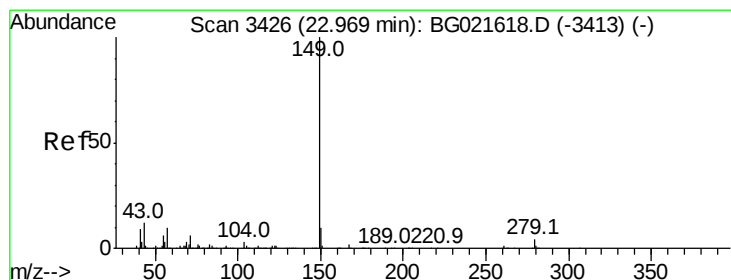
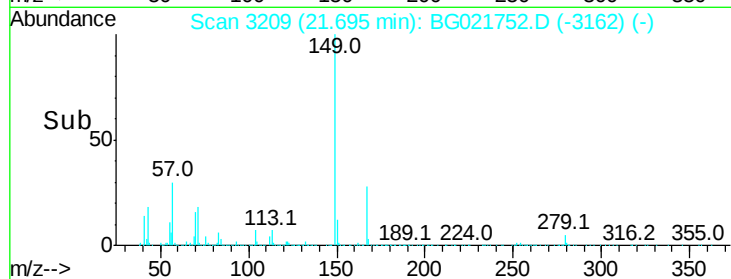
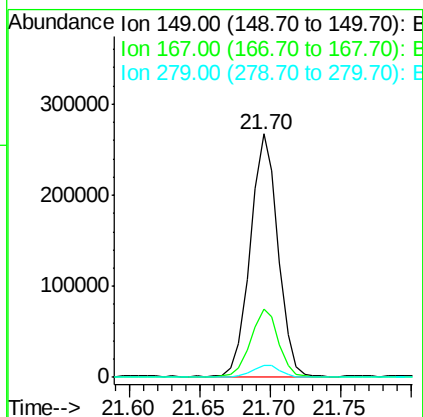
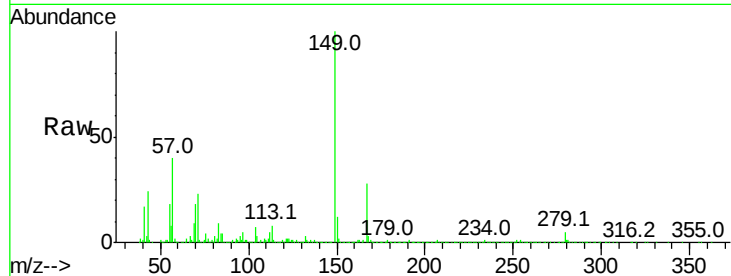




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.36 ng
 RT: 21.70 min Scan# 3209
 Delta R.T. -0.02 min
 Lab File: BG021752.D
 Acq: 19 Apr 2016 2:56

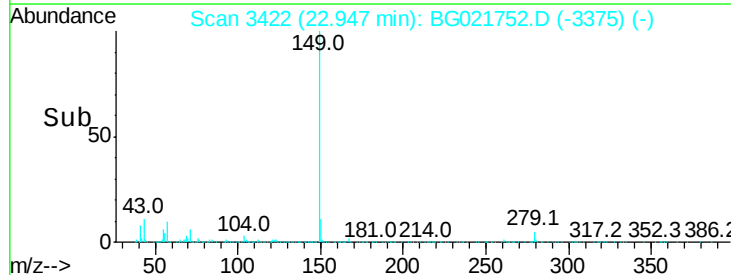
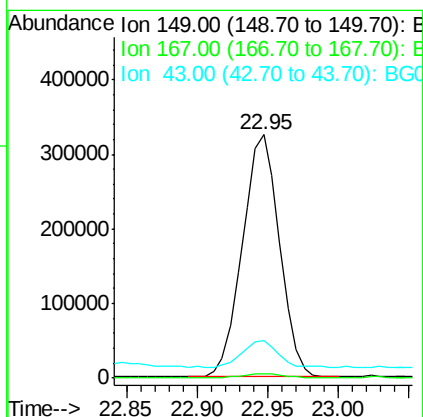
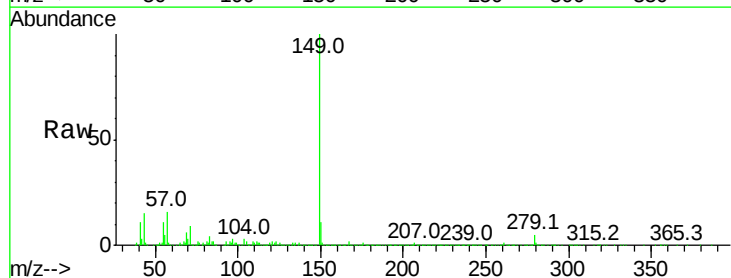
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MS

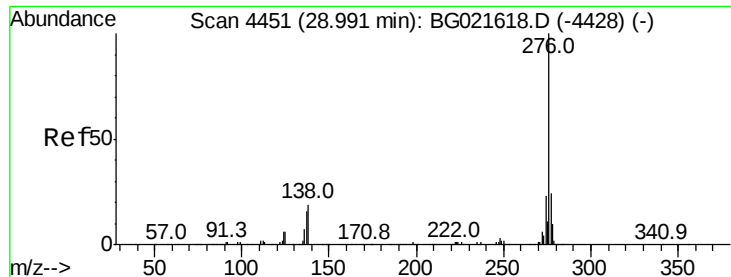
Tot Ion:149 Resp: 364629
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.4 33.6
 279 4.7 3.2 4.8



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

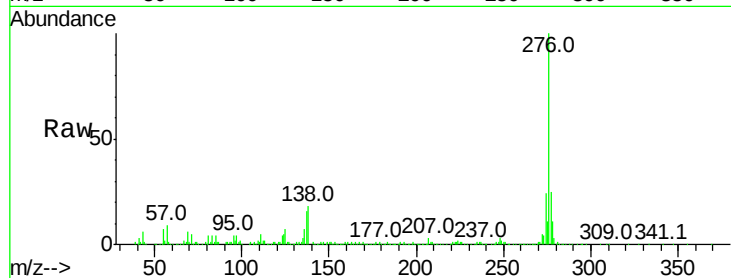
Tot Ion:276 Resp: 641587

Ion Ratio Lower Upper

276 100

138 15.1 14.0 21.0

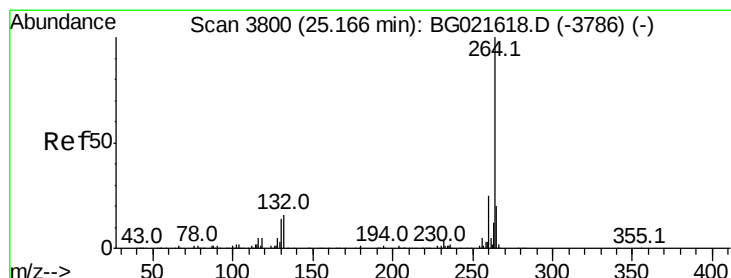
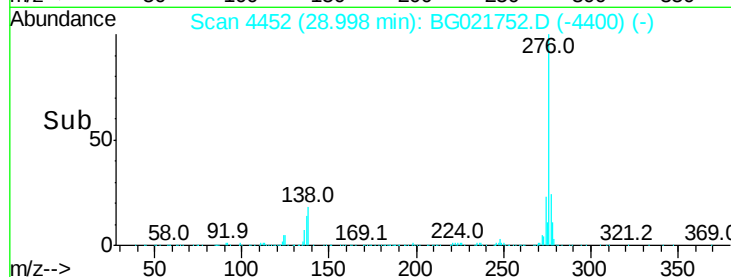
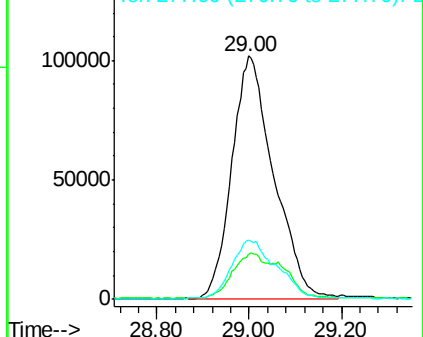
277 25.9 20.6 30.8



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

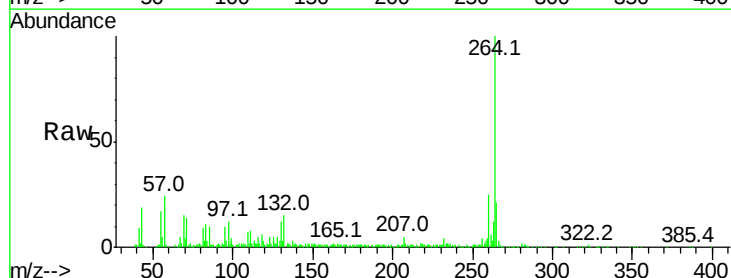
Tgt Ion:264 Resp: 225957

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

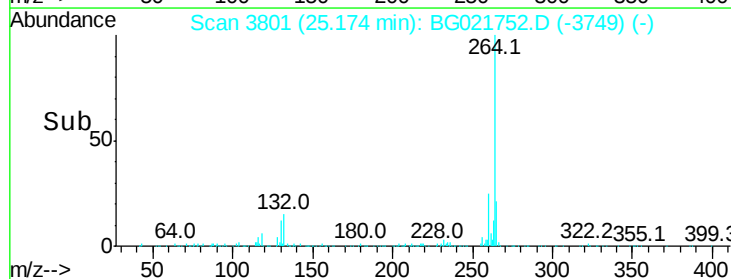
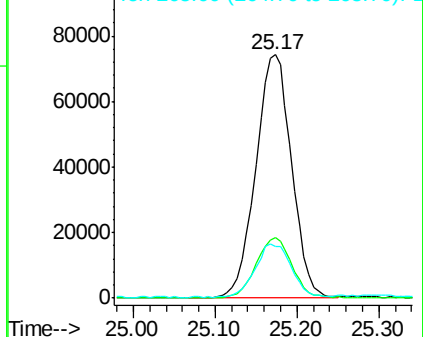
265 21.2 17.8 26.8

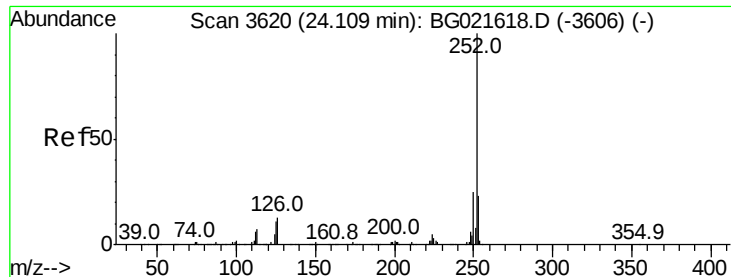


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

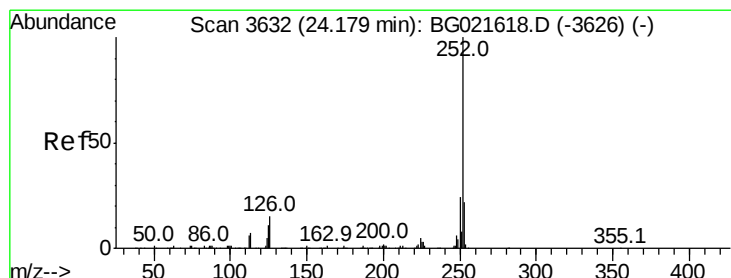
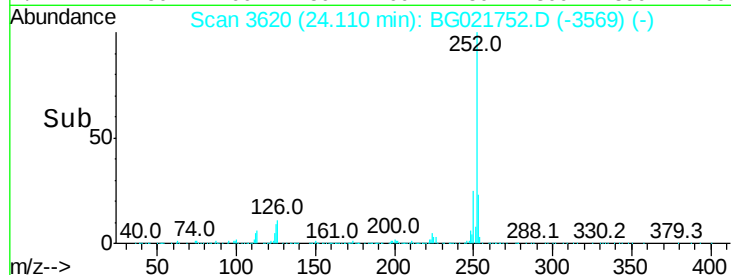
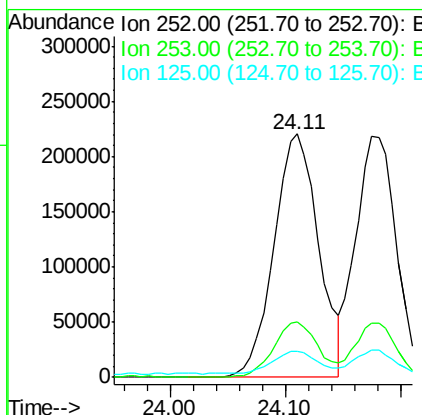
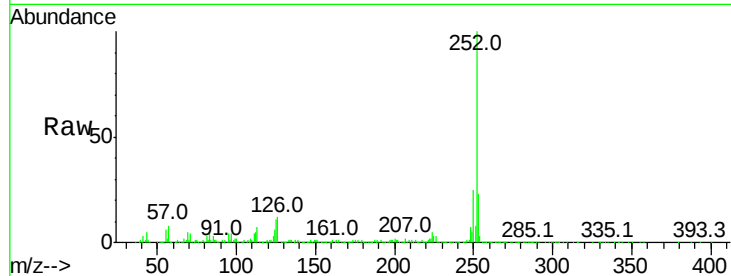




#87
Benzo(b)fluoranthene
Concen: 44.98 ng
RT: 24.11 min Scan# 3620
Delta R.T. 0.00 min
Lab File: BG021752.D
Acq: 19 Apr 2016 2:56

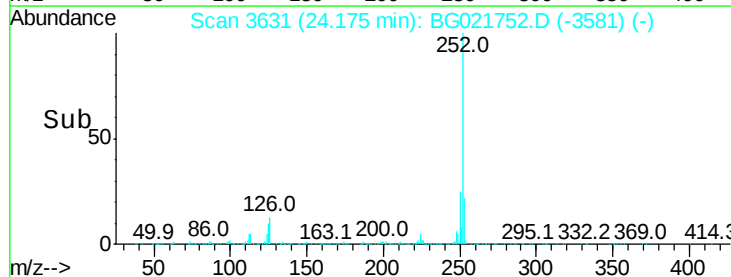
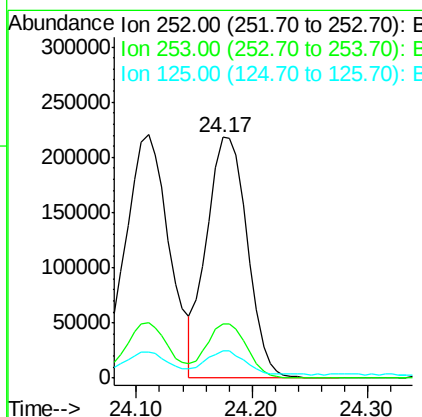
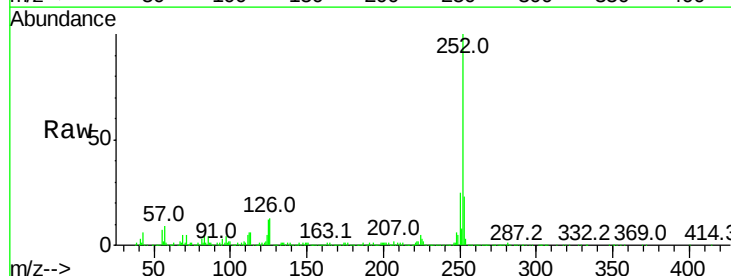
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MS

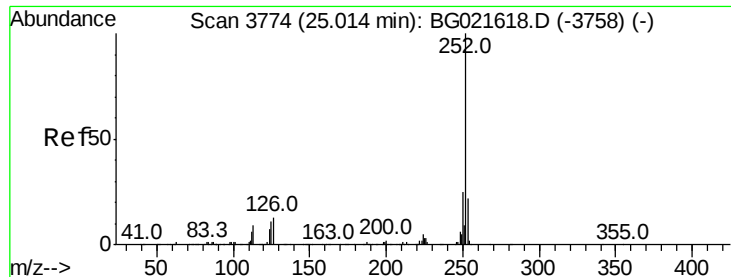
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.8	8.6	13.0



#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

Tgt 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

Instrument:

BNA_G

ClientSampleId:

POST-EX-20-20160412MS

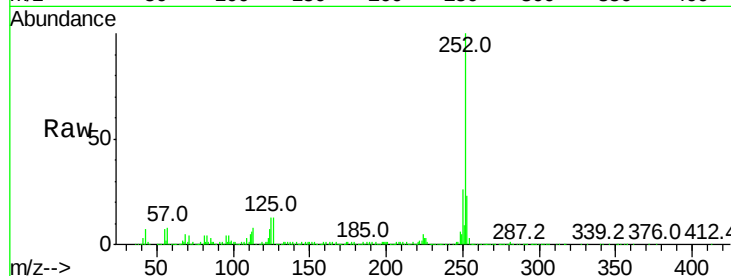
Tot Ion:252 Resp: 557515

Ion Ratio Lower Upper

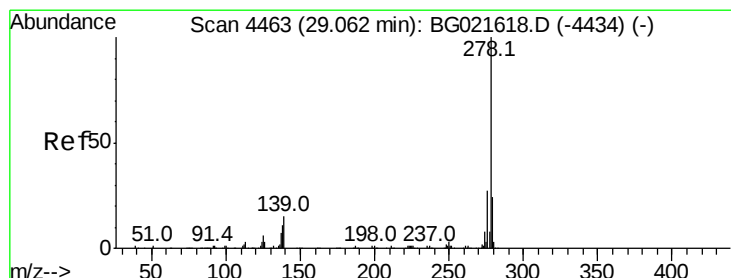
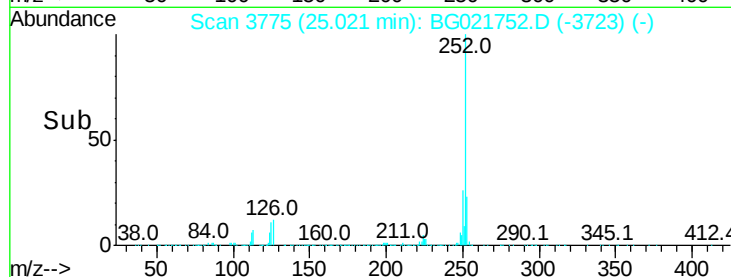
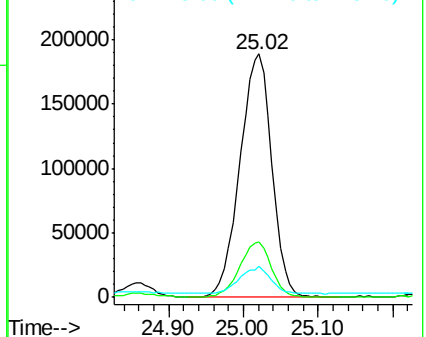
252 100

253 23.0 17.1 25.7

125 12.7 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 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

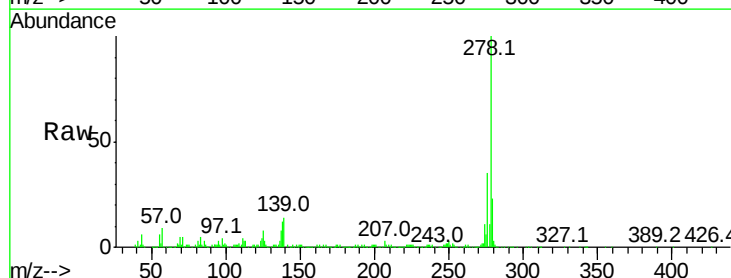
Tgt Ion:278 Resp: 526414

Ion Ratio Lower Upper

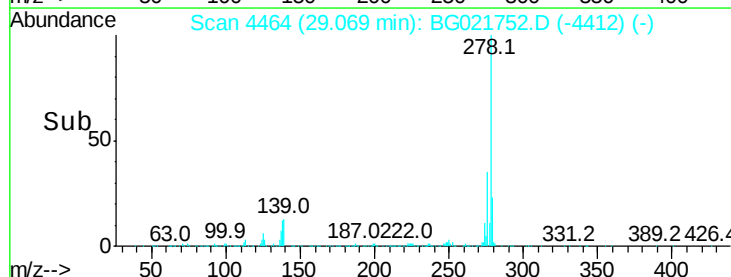
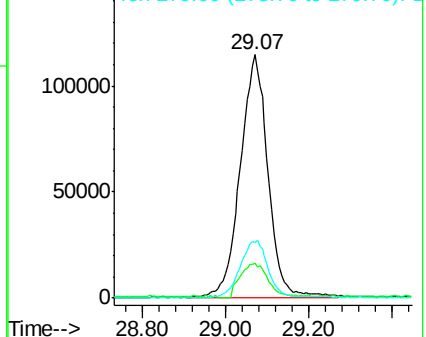
278 100

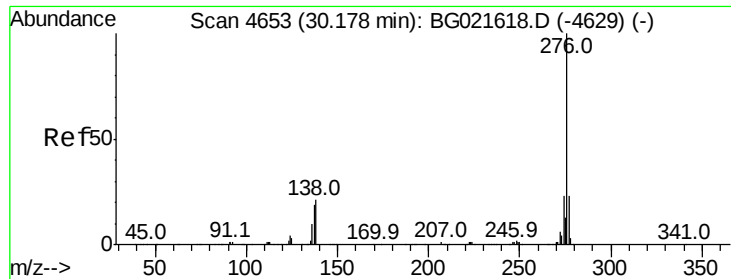
139 14.3 11.9 17.9

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(a,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

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MS

Tot Ion: 276 Resp: 535497

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.2

138 19.1 17.4 26.0

