

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041916\
 Data File : BG021755.D
 Acq On : 19 Apr 2016 4:57
 Operator : UM/SJ
 Sample : H2503-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 19 07:03:13 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	35818	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	154089	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	88264	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	191258	20.00	ng	0.00
75) Chrysene-d12	21.84	240	213327	20.00	ng	0.00
86) Perylene-d12	25.17	264	214416	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.76	112	295547	137.41	ng	0.00
7) Phenol-d6	7.37	99	444615	138.39	ng	0.02
23) Nitrobenzene-d5	9.38	82	276856	92.35	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	133156	139.98	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	585429	97.18	ng	0.00
78) Terphenyl-d14	20.14	244	760973	89.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	27157	28.36	ng	# 83
3) Pyridine	4.02	79	88342	30.75	ng	# 90
4) n-Nitrosodimethylamine	3.94	42	50641	35.56	ng	# 70
6) Aniline	7.53	93	57012	13.42	ng	95
8) 2-Chlorophenol	7.78	128	114107	44.25	ng	92
9) Benzaldehyde	7.34	77	34182	18.40	ng	92
10) Phenol	7.40	94	153338	44.37	ng	96
11) bis(2-Chloroethyl)ether	7.63	93	110718	40.03	ng	90
12) 1,3-Dichlorobenzene	8.10	146	120144	41.72	ng	93
13) 1,4-Dichlorobenzene	8.25	146	122072	41.64	ng	95
14) 1,2-Dichlorobenzene	8.57	146	118265	42.05	ng	97
15) Benzyl Alcohol	8.45	79	107452	43.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.74	45	212918	35.94	ng	99
17) 2-Methylphenol	8.65	107	105058	43.97	ng	92
18) Hexachloroethane	9.30	117	45207	42.37	ng	# 79
19) n-Nitroso-di-n-propylamine	9.02	70	95487	38.25	ng	# 93
20) 3+4-Methylphenols	8.98	107	142258	43.51	ng	96
22) Acetophenone	9.04	105	175905	40.99	ng	# 96
24) Nitrobenzene	9.42	77	137382	42.80	ng	94
25) Isophorone	9.95	82	257951	39.31	ng	99
26) 2-Nitrophenol	10.14	139	62319	50.85	ng	96
27) 2,4-Dimethylphenol	10.19	122	107573	38.64	ng	99
28) bis(2-Chloroethoxy)methane	10.42	93	155360	44.56	ng	94
29) 2,4-Dichlorophenol	10.68	162	114773	48.36	ng	97
30) 1,2,4-Trichlorobenzene	10.89	180	120498	47.21	ng	93
31) Naphthalene	11.08	128	365757	44.35	ng	# 95
32) Benzoic acid	10.19	122	107573	61.81	ng	# 13
33) 4-Chloroaniline	11.19	127	55503	15.55	ng	97
34) Hexachlorobutadiene	11.36	225	78529	47.71	ng	94
35) Caprolactam	11.96	113	38447	35.40	ng	92
36) 4-Chloro-3-methylphenol	12.29	107	126983	42.55	ng	99
37) 2-Methylnaphthalene	12.67	142	261119	46.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	133248	48.31	ng	99
40) Hexachlorocyclopentadiene	13.01	237	98918	64.56	ng	99

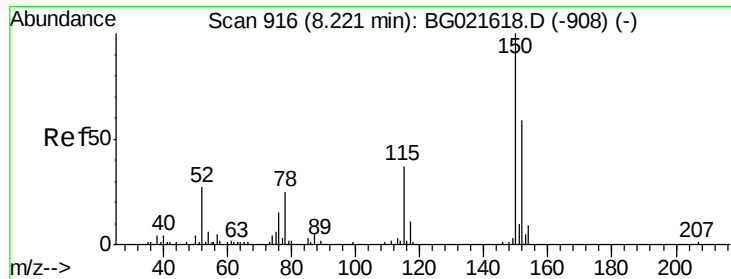
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041916\
 Data File : BG021755.D
 Acq On : 19 Apr 2016 4:57
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	59624	33.90	ng	97
43) 2,4,5-Trichlorophenol	13.34	196	88327	46.54	ng	97
45) 1,1'-Biphenyl	13.66	154	331162	44.53	ng	96
46) 2-Chloronaphthalene	13.71	162	254661	46.32	ng	99
47) 2-Nitroaniline	13.91	65	87711	46.53	ng	97
48) Acenaphthylene	14.55	152	404336	44.48	ng	98
49) Dimethylphthalate	14.27	163	382262	50.09	ng	# 98
50) 2,6-Dinitrotoluene	14.39	165	69437	47.72	ng	97
51) Acenaphthene	14.89	154	248730	42.80	ng	100
52) 3-Nitroaniline	14.72	138	51128	31.68	ng	94
53) 2,4-Dinitrophenol	14.92	184	64	7.56	ng	# 1
54) Dibenzofuran	15.22	168	392395	49.45	ng	100
55) 4-Nitrophenol	15.03	139	16176	11.71	ng	97
56) 2,4-Dinitrotoluene	15.18	165	96626	49.13	ng	93
57) Fluorene	15.86	166	314601	44.40	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	29928	19.00	ng	99
59) Diethylphthalate	15.62	149	318741	40.02	ng	97
60) 4-Chlorophenyl-phenylether	15.85	204	153721	44.04	ng	96
61) 4-Nitroaniline	15.88	138	74973	42.22	ng	97
62) Azobenzene	16.15	77	305274	44.72	ng	97
64) 4,6-Dinitro-2-methylphenol	15.93	198	1423	6.98	ng	# 69
65) n-Nitrosodiphenylamine	16.06	169	274035	47.77	ng	96
66) 4-Bromophenyl-phenylether	16.75	248	98907	48.27	ng	94
67) Hexachlorobenzene	16.86	284	105090	48.58	ng	93
68) Atrazine	17.00	200	105425	46.54	ng	99
69) Pentachlorophenol	17.20	266	16987	13.76	ng	92
70) Phenanthrene	17.60	178	547047	51.90	ng	98
71) Anthracene	17.69	178	494460	46.21	ng	96
72) Carbazole	17.96	167	453900	45.45	ng	99
73) Di-n-butylphthalate	18.50	149	552139	43.46	ng	98
74) Fluoranthene	19.59	202	653032	51.88	ng	98
76) Benzidine	19.77	184	134161	20.20	ng	99
77) Pyrene	19.96	202	656525	53.37	ng	99
79) Butylbenzylphthalate	20.82	149	254484	44.57	ng	97
80) Benzo(a)anthracene	21.82	228	611323	49.79	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	93787	9.65	ng	99
82) Chrysene	21.88	228	557416	47.26	ng	98
83) Bis(2-ethylhexyl)phthalate	21.69	149	380413	45.55	ng	# 100
84) Di-n-octyl phthalate	22.94	149	636213	45.48	ng	97
85) Indeno(1,2,3-cd)pyrene	29.00	276	680196	48.51	ng	97
87) Benzo(b)fluoranthene	24.11	252	603927	48.54	ng	98
88) Benzo(k)fluoranthene	24.18	252	575162	47.28	ng	99
89) Benzo(a)pyrene	25.02	252	583771	48.43	ng	98
90) Dibenzo(a,h)anthracene	29.07	278	548846	45.41	ng	98
91) Benzo(g,h,i)perylene	30.21	276	572249	48.25	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

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Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

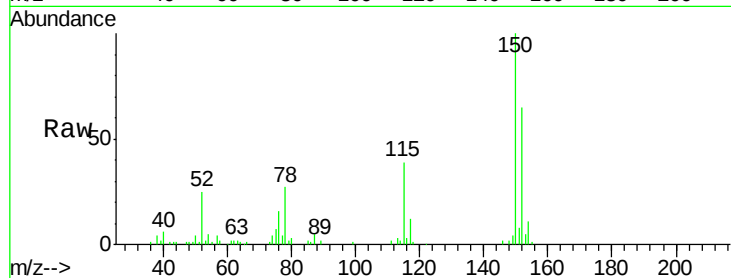
Tgt Ion:152 Resp: 35818

Ion Ratio Lower Upper

152 100

150 154.1 130.1 195.1

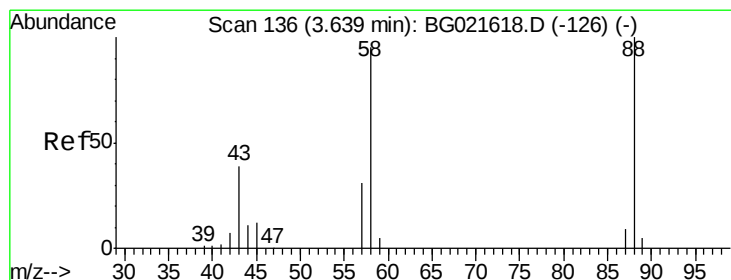
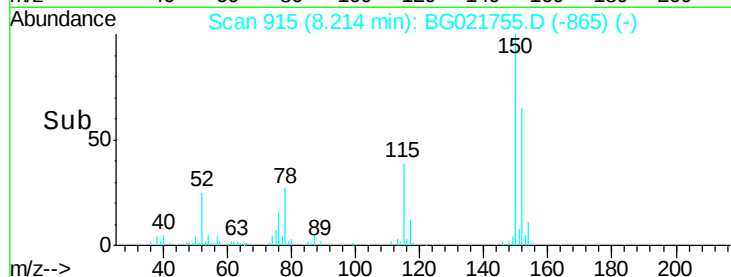
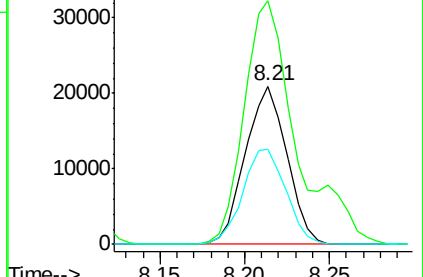
115 60.1 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.36 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

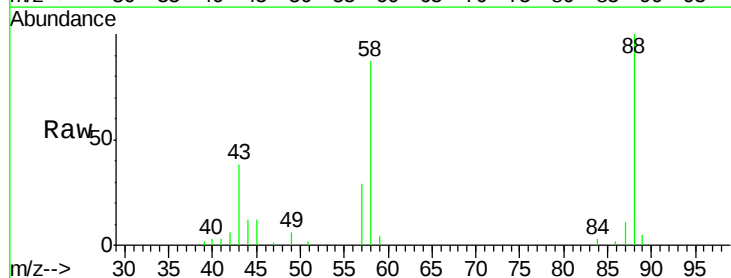
Tgt Ion: 88 Resp: 27157

Ion Ratio Lower Upper

88 100

58 96.4 61.8 92.8#

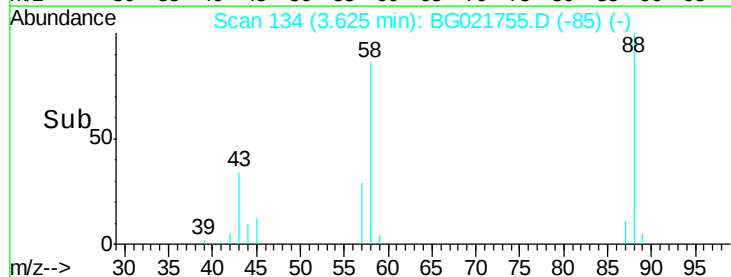
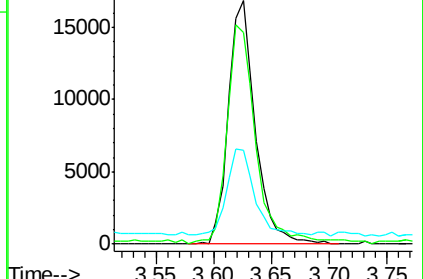
43 36.7 27.3 40.9

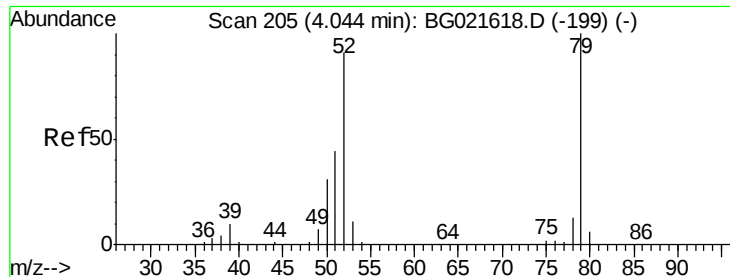


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.75 ng

RT: 4.02 min Scan# 202

Delta R.T. -0.02 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

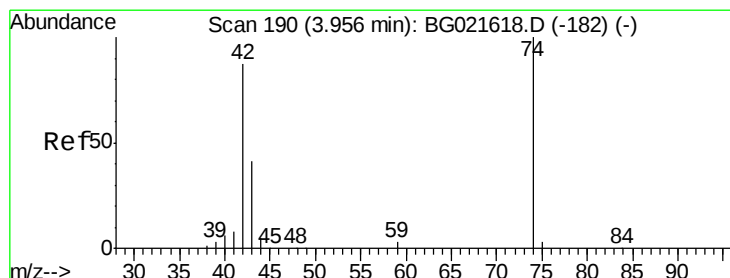
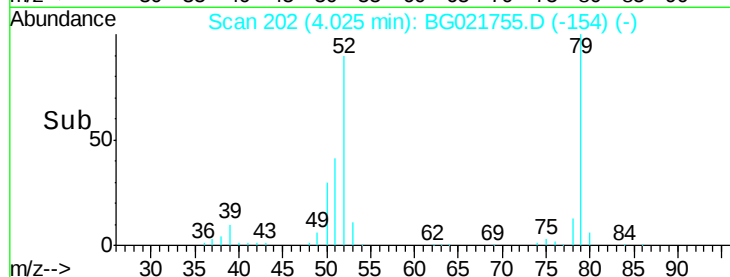
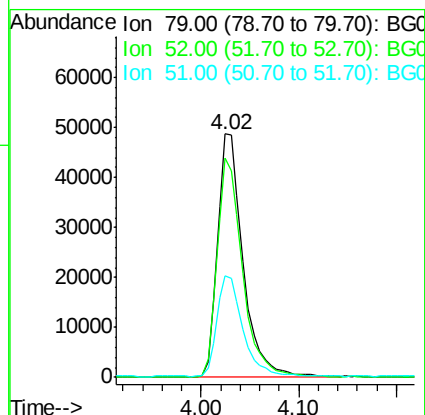
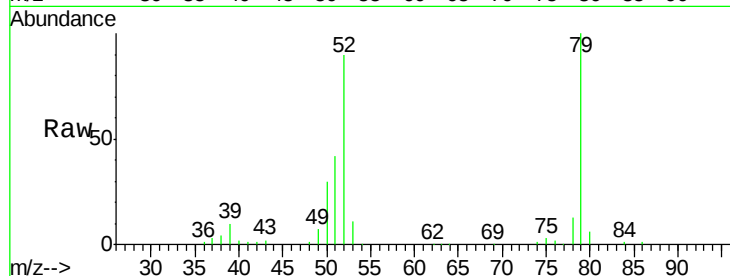
Tgt Ion: 79 Resp: 88342

Ion Ratio Lower Upper

79 100

52 89.8 77.2 115.8

51 41.7 42.5 63.7#



#4

n-Nitrosodimethylamine

Concen: 35.56 ng

RT: 3.94 min Scan# 188

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

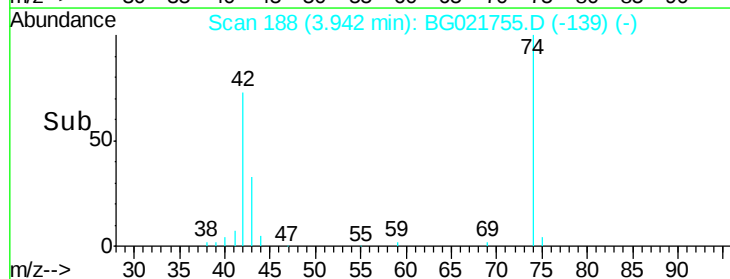
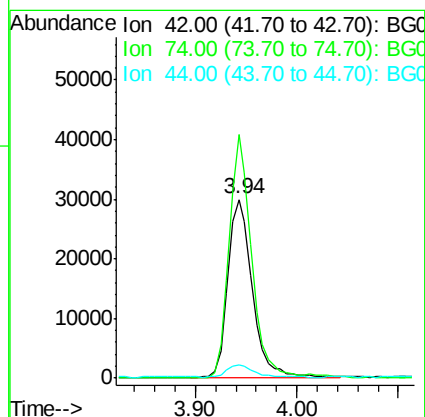
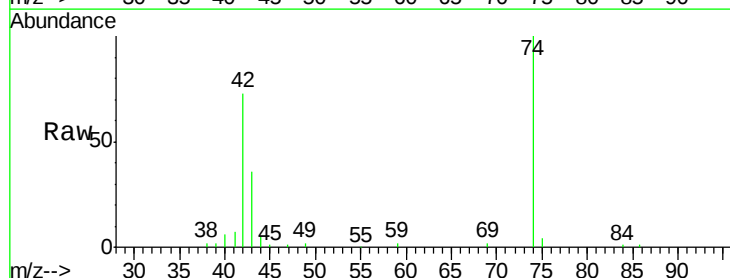
Tgt Ion: 42 Resp: 50641

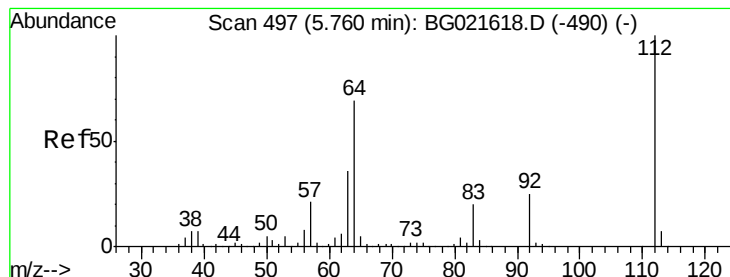
Ion Ratio Lower Upper

42 100

74 136.5 83.0 124.4#

44 7.4 11.0 16.6#





#5

2-Fluorophenol

Concen: 137.41 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

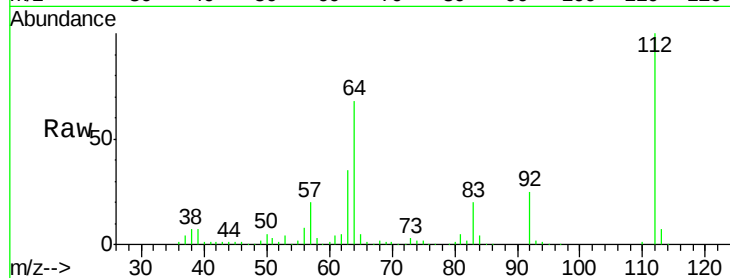
Instrument :

BNA_G

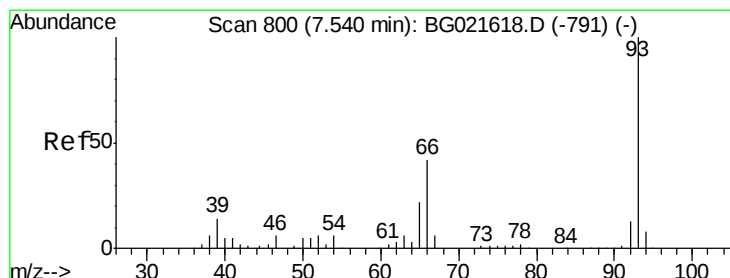
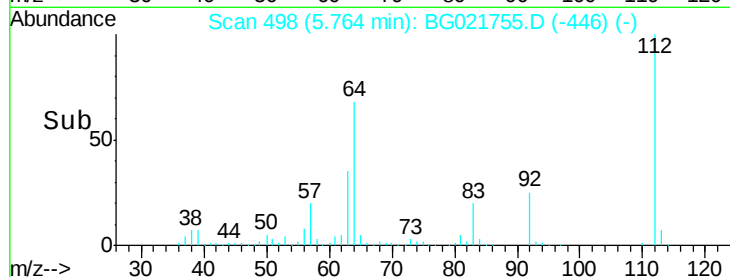
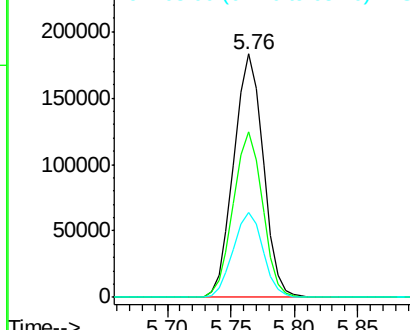
ClientSampleId :

POST-EX-20-20160412MSD

Tgt Ion:	112	Resp:	295547
Ion	Ratio	Lower	Upper
112	100		
64	67.7	51.1	76.7
63	35.1	24.6	37.0



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.42 ng

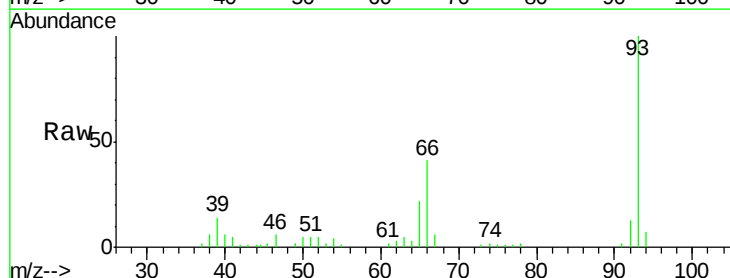
RT: 7.53 min Scan# 799

Delta R.T. -0.01 min

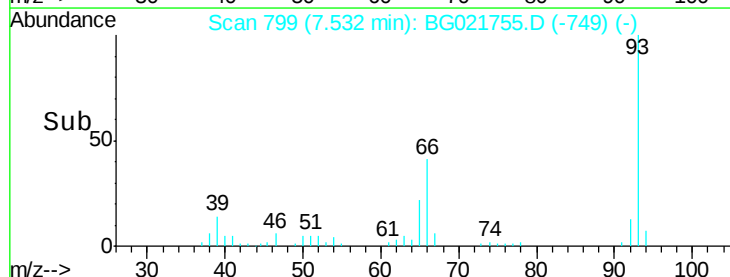
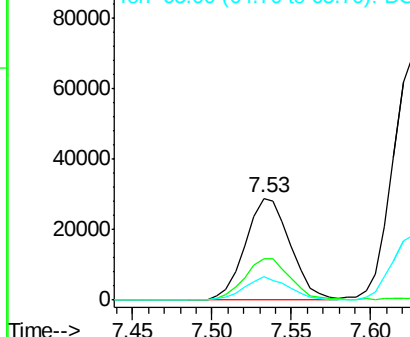
Lab File: BG021755.D

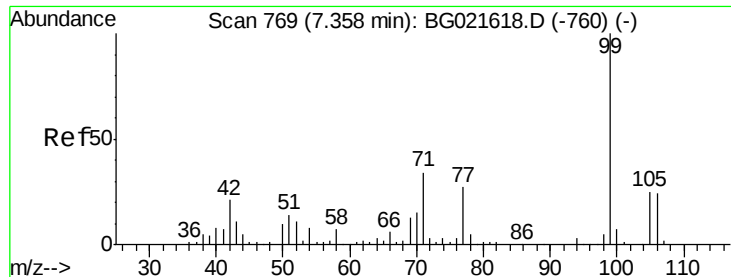
Acq: 19 Apr 2016 4:57

Tgt Ion:	93	Resp:	57012
Ion	Ratio	Lower	Upper
93	100		
66	41.1	36.3	54.5
65	22.4	18.4	27.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.39 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

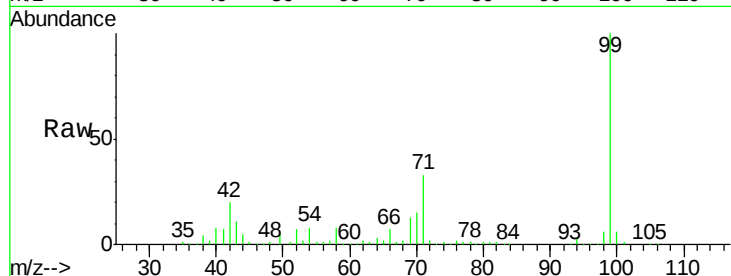
Tgt Ion: 99 Resp: 444615

Ion Ratio Lower Upper

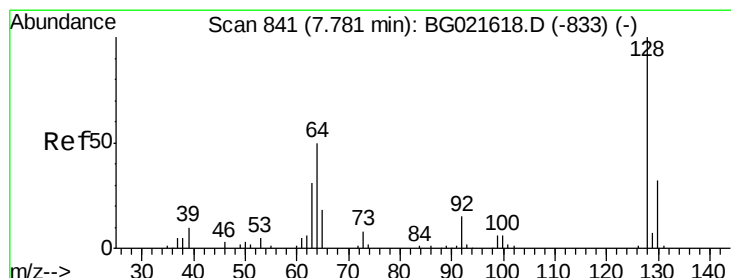
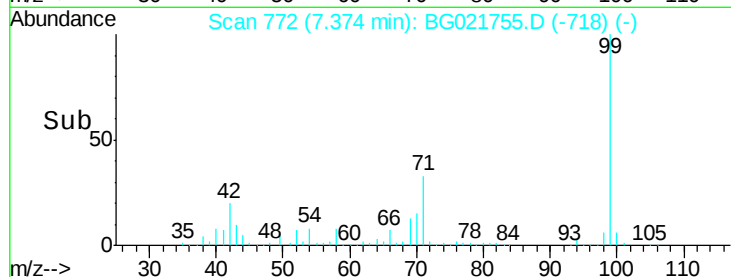
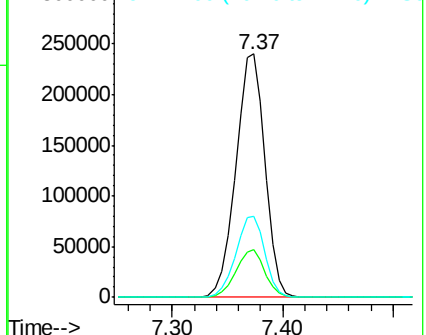
99 100

42 19.9 16.4 24.6

71 33.5 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: 44.25 ng

RT: 7.78 min Scan# 841

Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

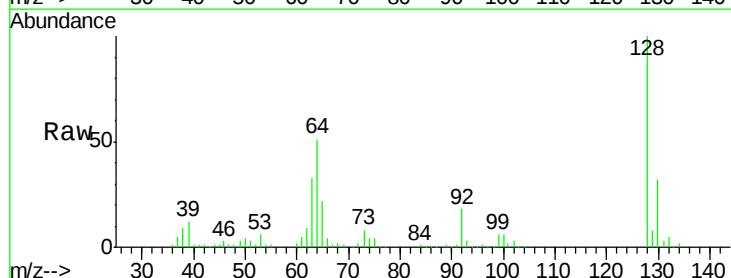
Tgt Ion: 128 Resp: 114107

Ion Ratio Lower Upper

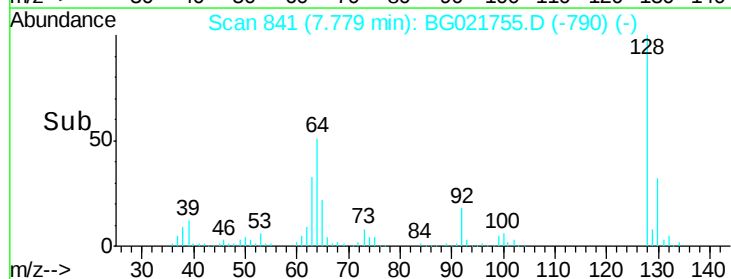
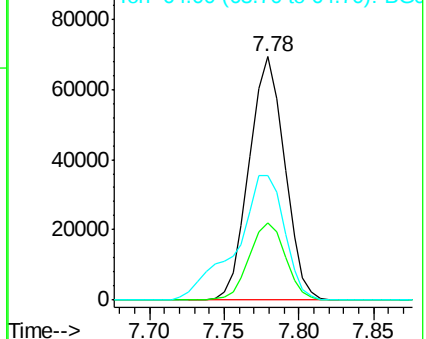
128 100

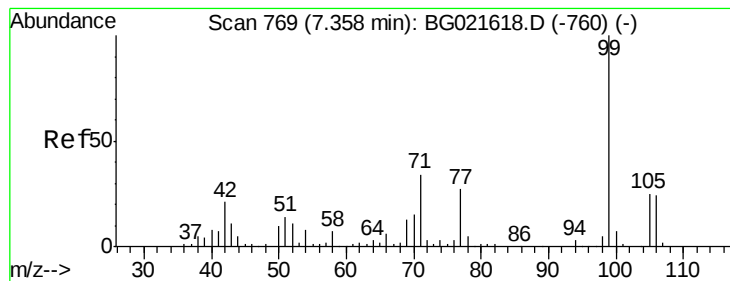
130 31.5 11.2 51.2

64 51.1 39.8 79.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.40 ng

RT: 7.34 min Scan# 767

Delta R.T. -0.01 min

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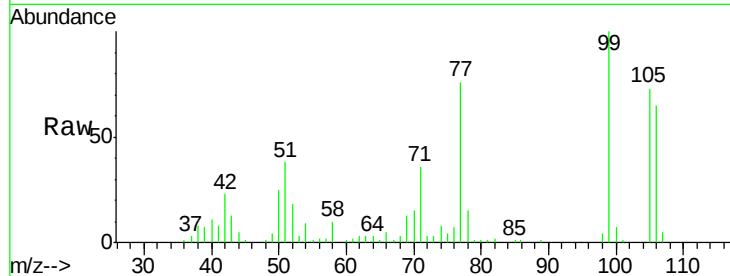
Tgt Ion: 77 Resp: 34182

Ion Ratio Lower Upper

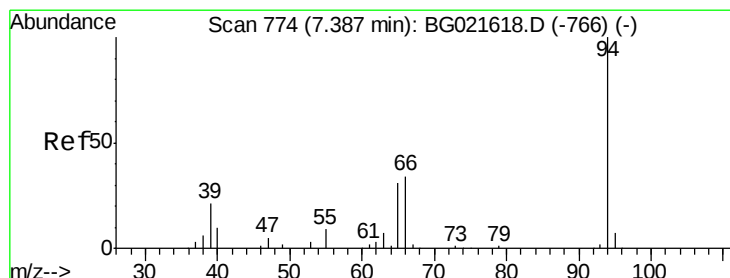
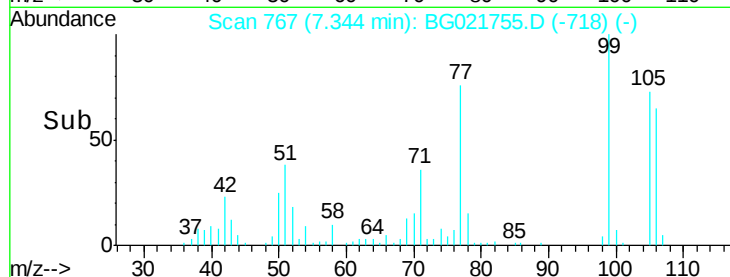
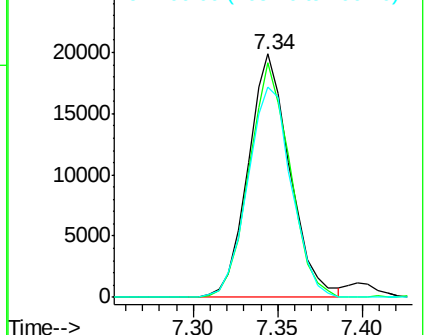
77 100

105 96.2 62.1 102.1

106 86.3 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: 44.37 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

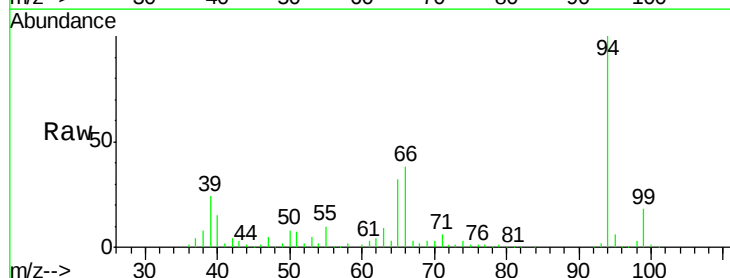
Tgt Ion: 94 Resp: 153338

Ion Ratio Lower Upper

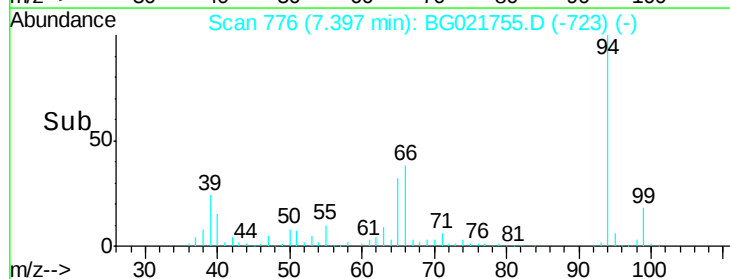
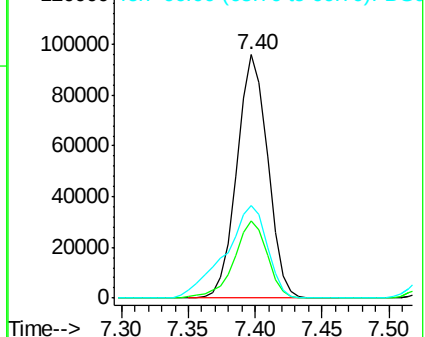
94 100

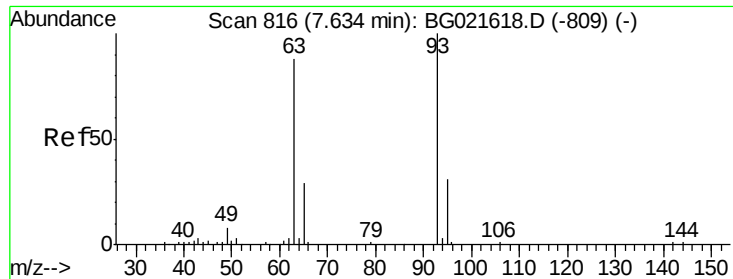
65 31.9 9.8 49.8

66 38.3 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: 40.03 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

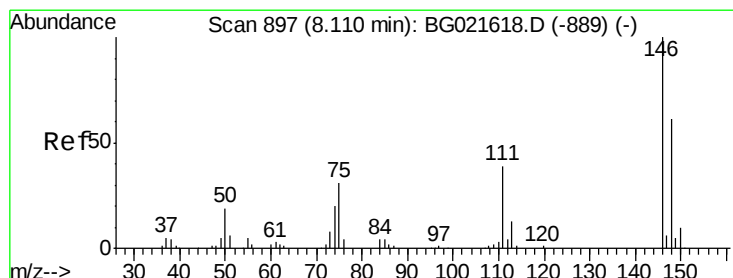
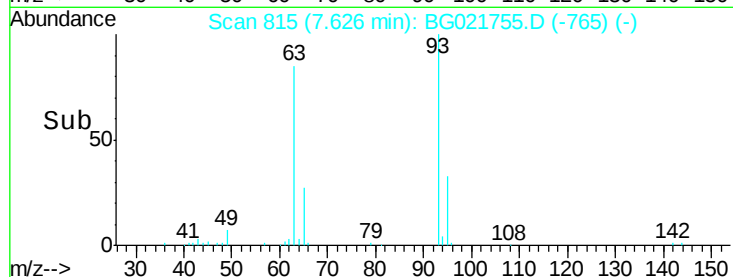
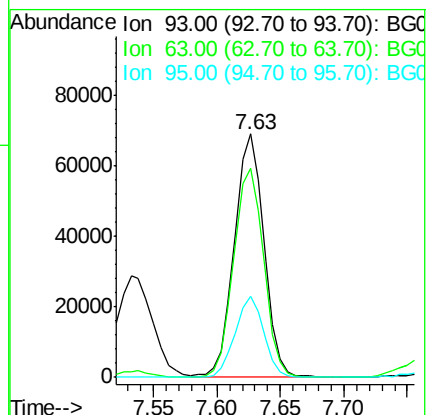
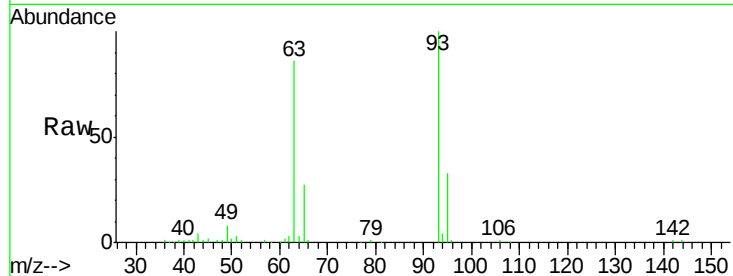
Tgt Ion: 93 Resp: 110718

Ion Ratio Lower Upper

93 100

63 85.6 74.9 114.9

95 33.3 8.3 48.3



#12

1,3-Dichlorobenzene

Concen: 41.72 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

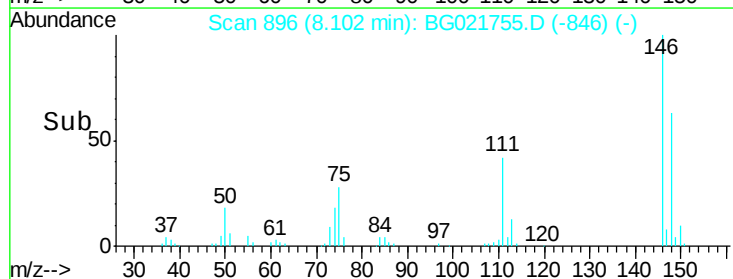
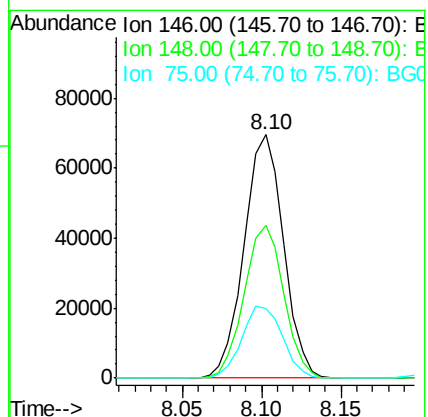
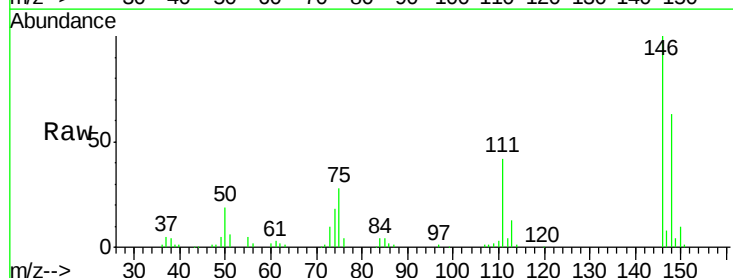
Tgt Ion: 146 Resp: 120144

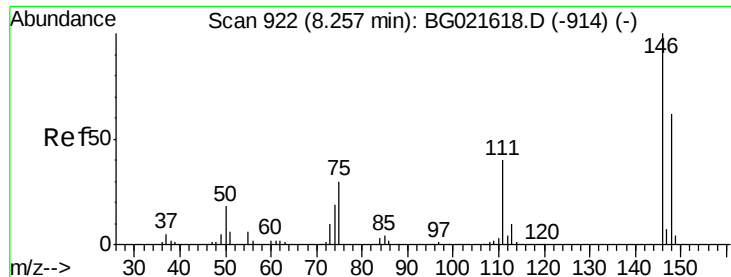
Ion Ratio Lower Upper

146 100

148 62.8 53.7 80.5

75 28.5 27.4 41.0

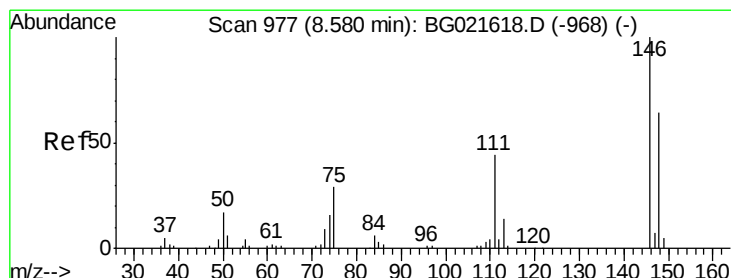
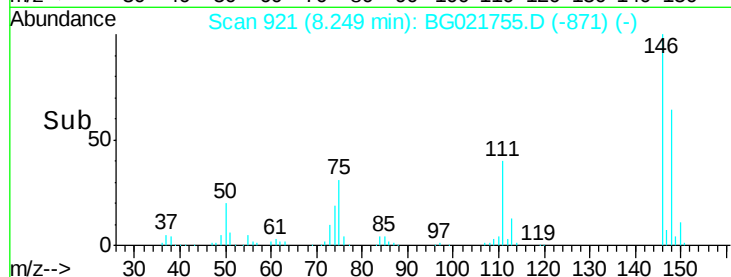
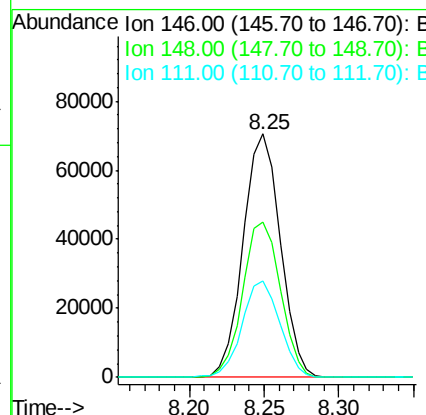
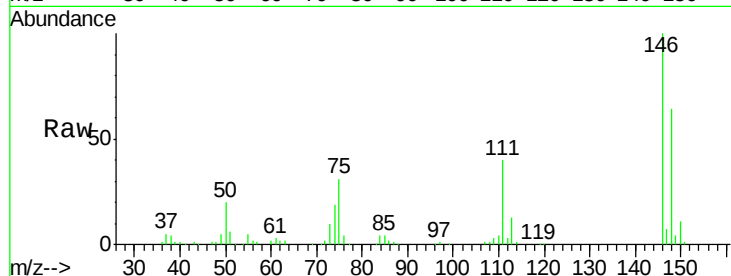




#13
 1,4-Dichlorobenzene
 Concen: 41.64 ng
 RT: 8.25 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

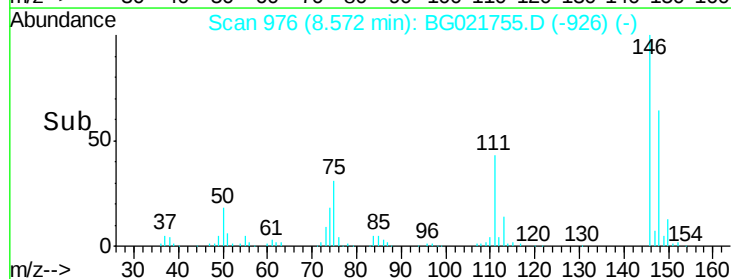
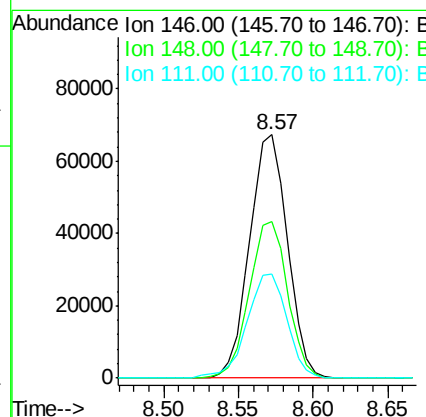
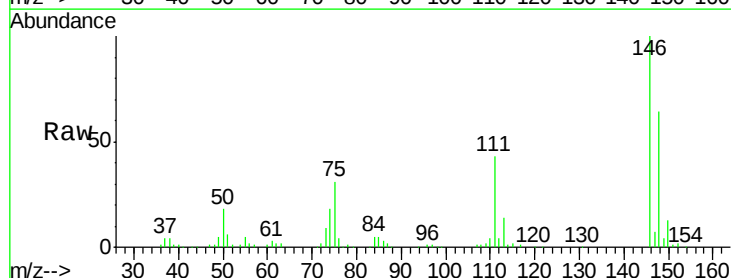
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

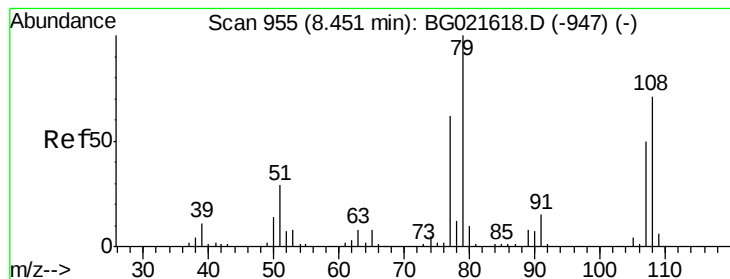
Tgt Ion:146 Resp: 122072
 Ion Ratio Lower Upper
 146 100
 148 63.7 46.7 70.1
 111 39.9 33.0 49.6



#14
 1,2-Dichlorobenzene
 Concen: 42.05 ng
 RT: 8.57 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion:146 Resp: 118265
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.6 79.0
 111 42.5 36.1 54.1





#15

Benzyl Alcohol

Concen: 43.76 ng

RT: 8.45 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

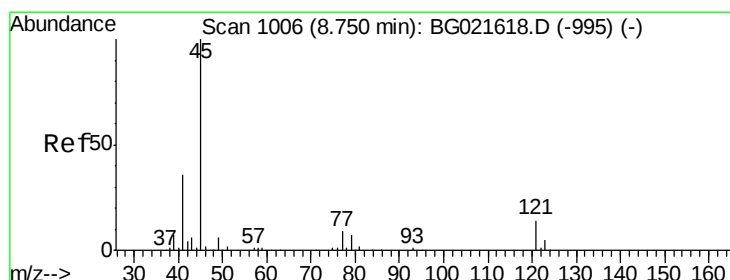
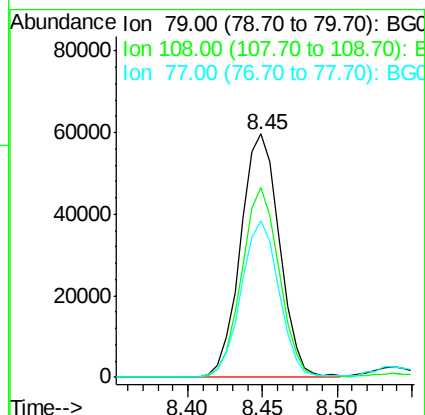
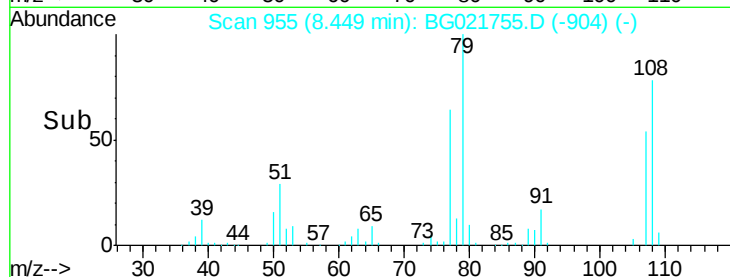
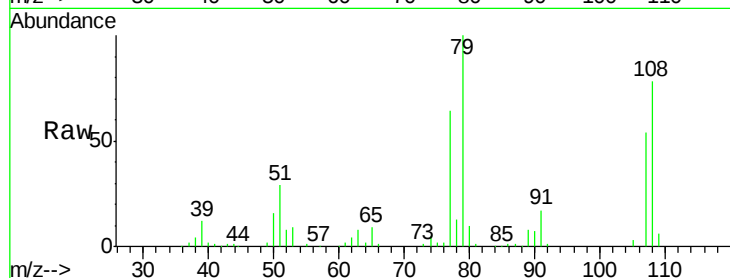
Tgt Ion: 79 Resp: 107452

Ion Ratio Lower Upper

79 100

108 77.8 59.4 89.0

77 64.2 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.94 ng

RT: 8.74 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

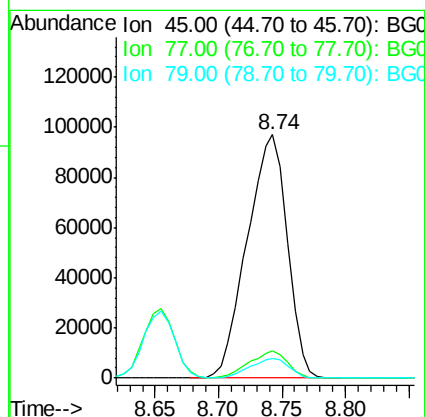
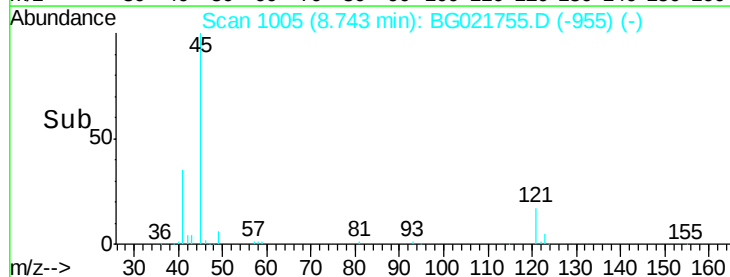
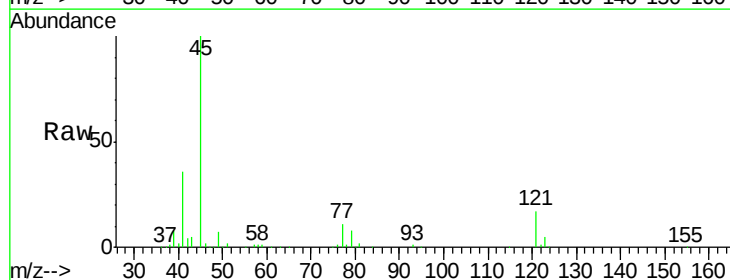
Tgt Ion: 45 Resp: 212918

Ion Ratio Lower Upper

45 100

77 11.3 0.0 31.2

79 8.3 0.0 29.0

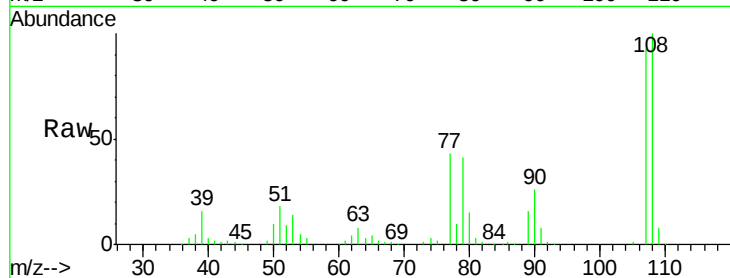




#17
 2-Methylphenol
 Concen: 43.97 ng
 RT: 8.65 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

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

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.3	80.2	120.4
77	45.8	40.7	61.1
79	43.8	39.8	59.8



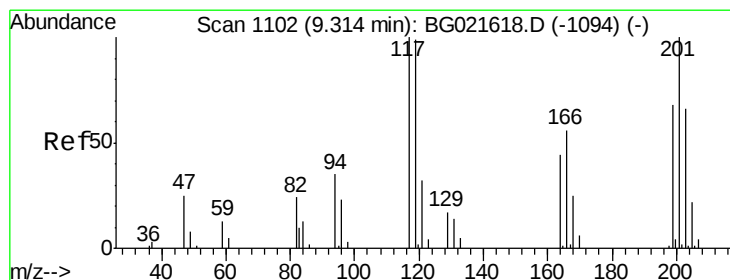
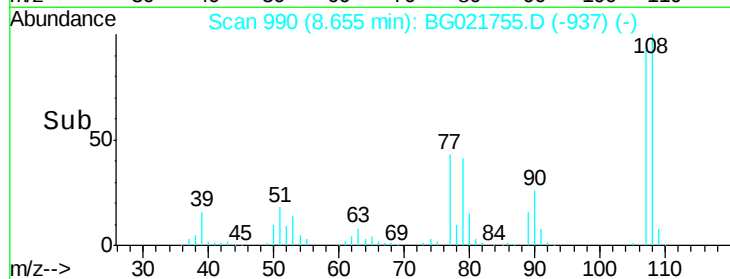
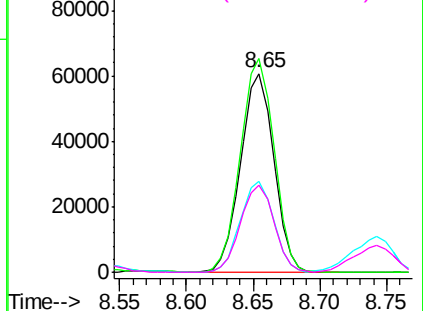
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

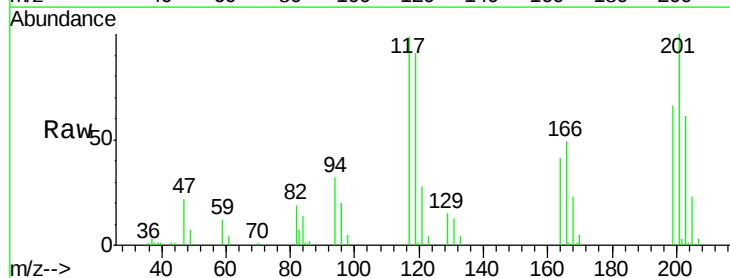
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
 Hexachloroethane
 Concen: 42.37 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	63.9	95.9
201	101.1	61.2	91.8#

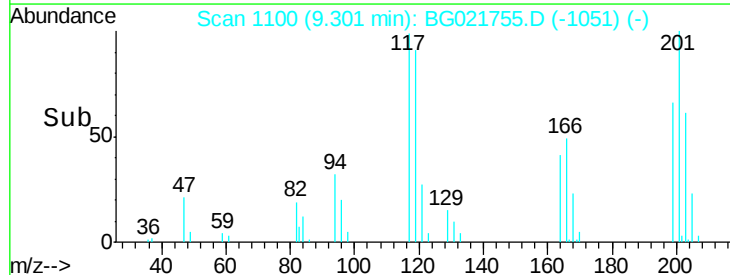
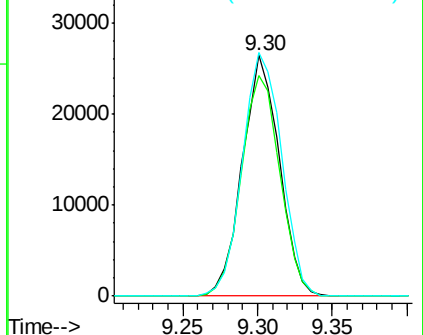


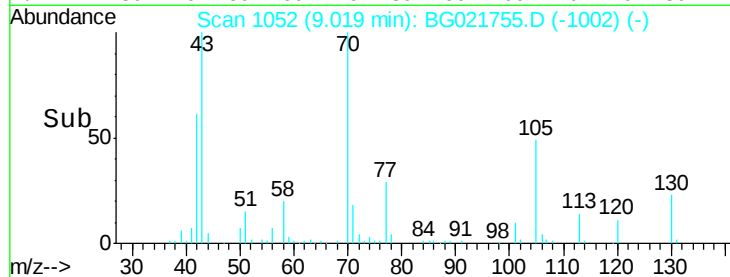
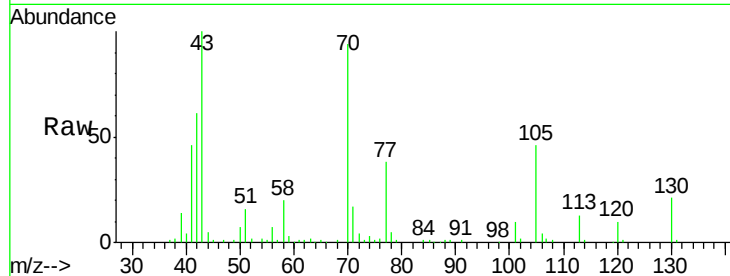
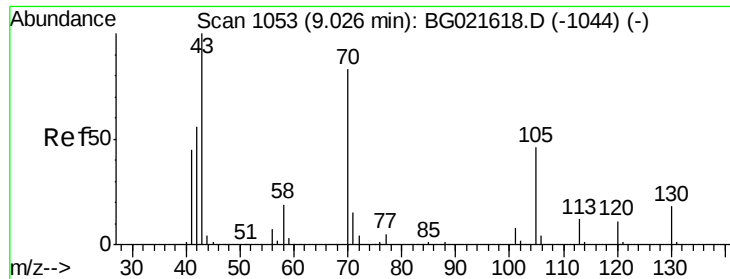
Abundance

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

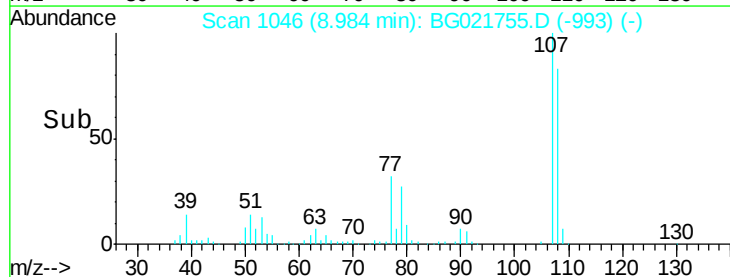
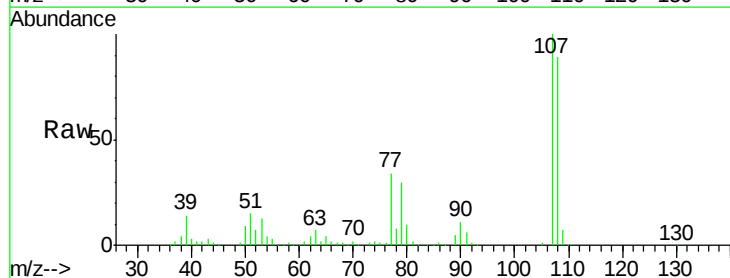
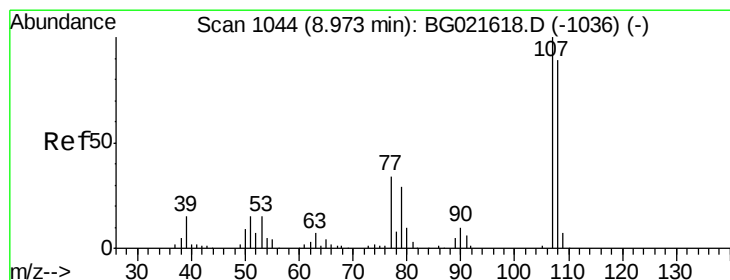
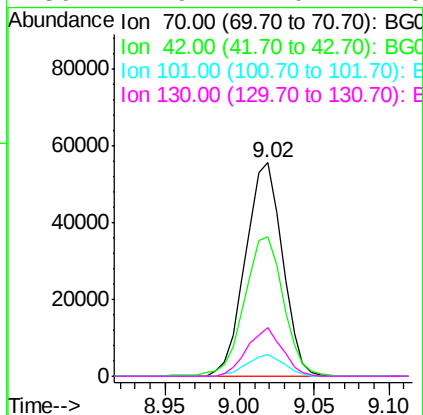




#19
n-Nitroso-di-n-propylamine
Concen: 38.25 ng
RT: 9.02 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

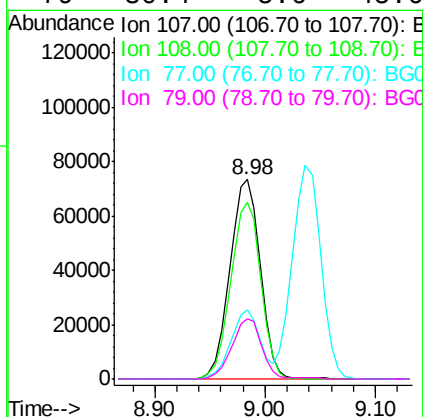
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

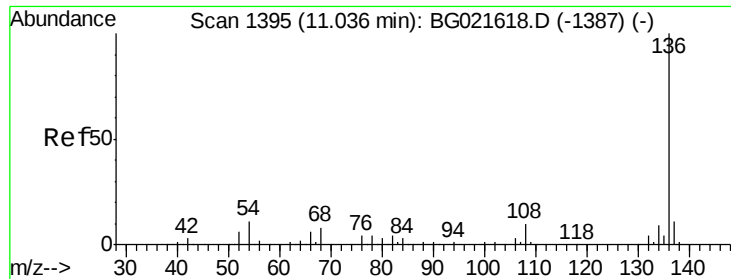
Tgt Ion:	70	Resp:	95487
Ion	Ratio	Lower	Upper
70	100		
42	65.6	56.7	85.1
101	10.2	8.2	12.4
130	22.9	14.0	21.0#



#20
3+4-Methylphenols
Concen: 43.51 ng
RT: 8.98 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:	107	Resp:	142258
Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.2	106.2
77	34.4	11.5	51.5
79	30.4	5.6	45.6

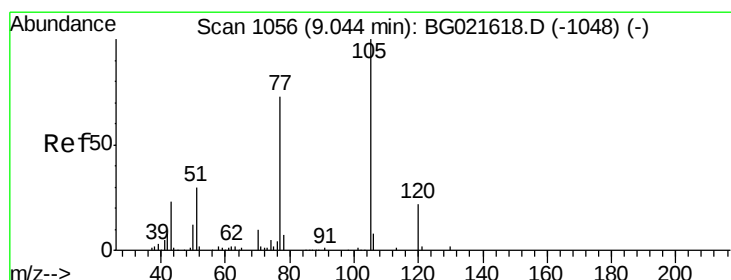
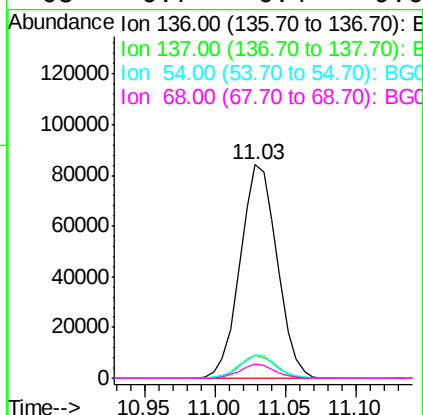
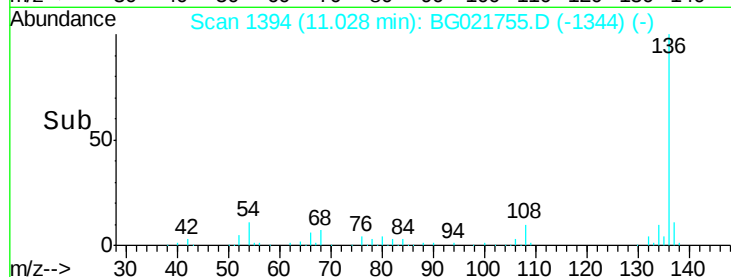
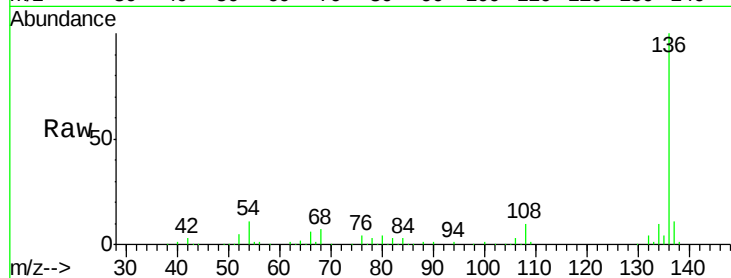




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

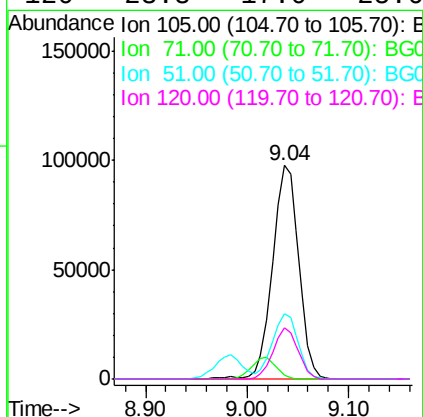
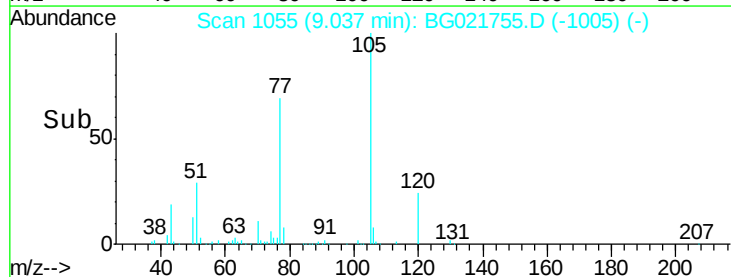
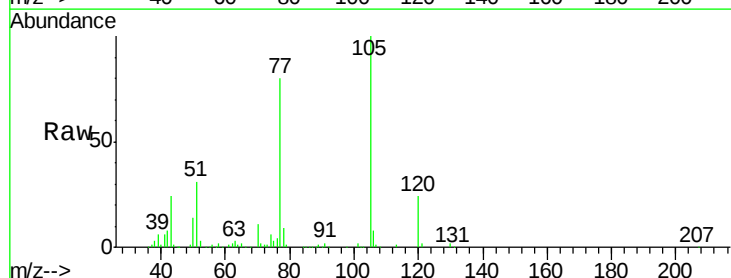
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

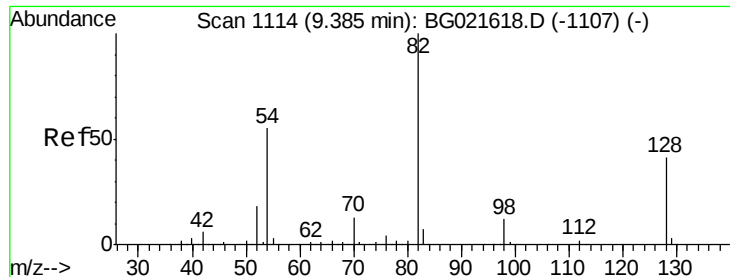
Tgt Ion:	136	Resp:	154089
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	11.1	9.6	14.4
68	6.7	6.4	9.6



#22
Acetophenone
Concen: 40.99 ng
RT: 9.04 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:	105	Resp:	175905
Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.0	0.0#
51	30.6	25.7	38.5
120	23.8	17.0	25.6

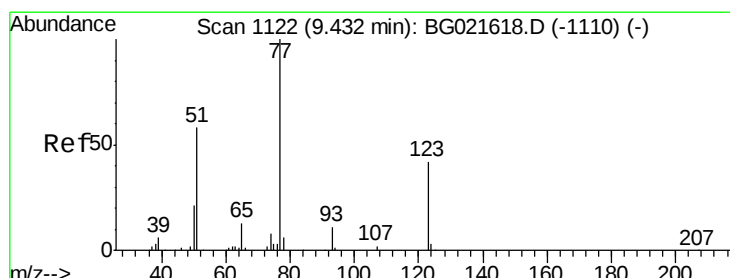
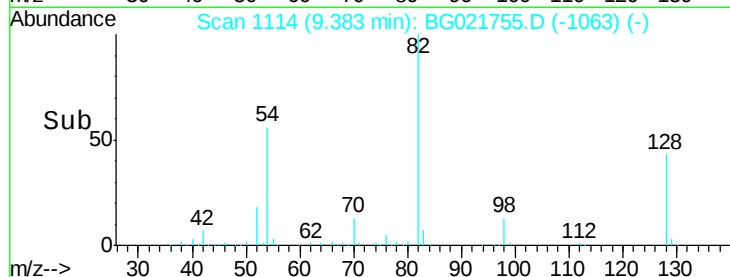
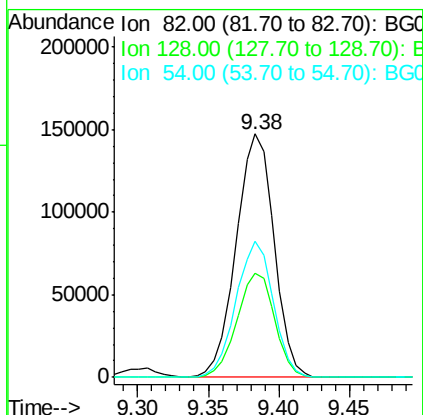
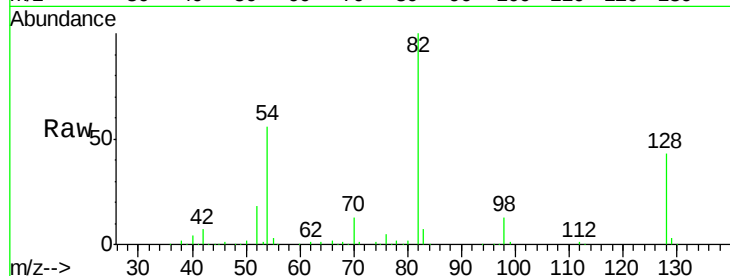




#23
 Nitrobenzene-d5
 Concen: 92.35 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

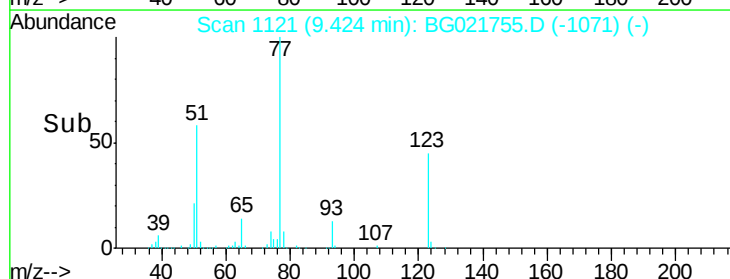
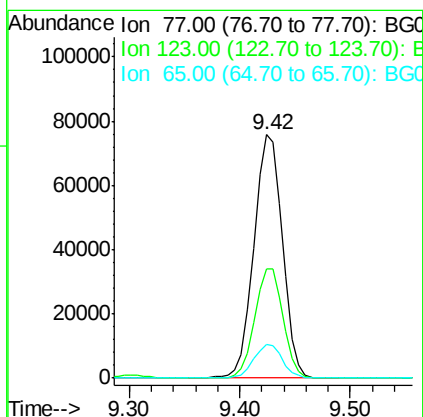
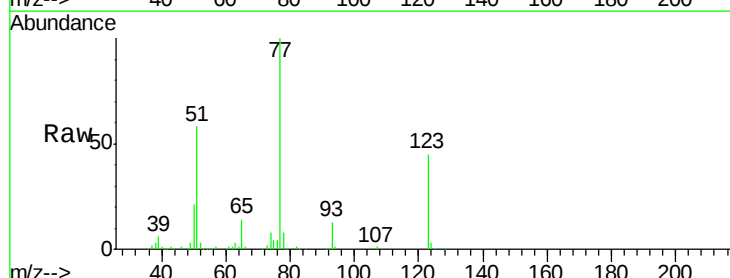
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

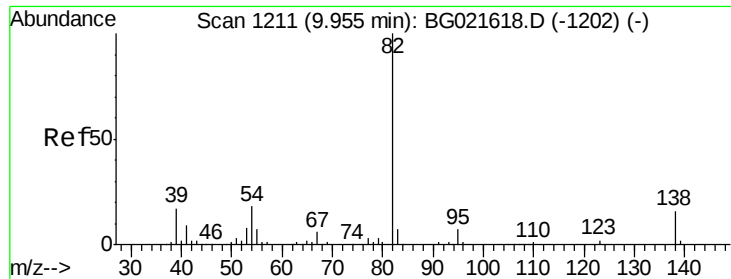
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.0
54	56.0	46.1	69.1



#24
 Nitrobenzene
 Concen: 42.80 ng
 RT: 9.42 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	32.2	48.4
65	13.9	10.3	15.5

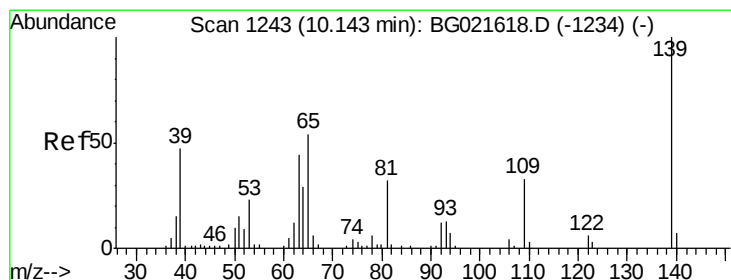
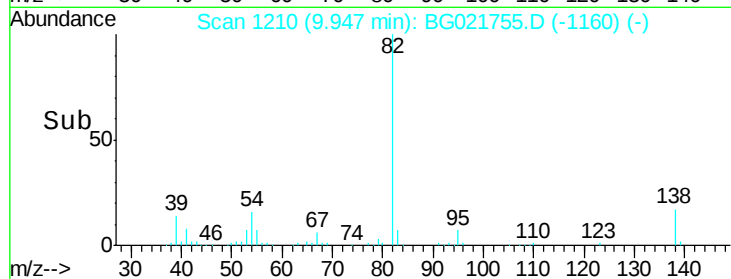
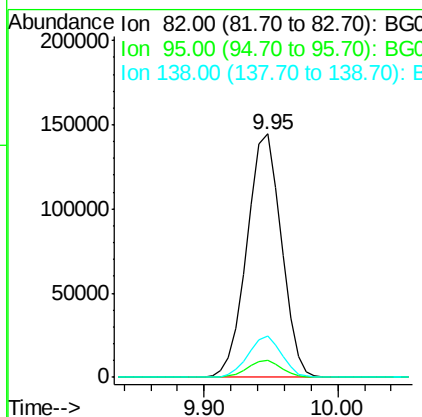
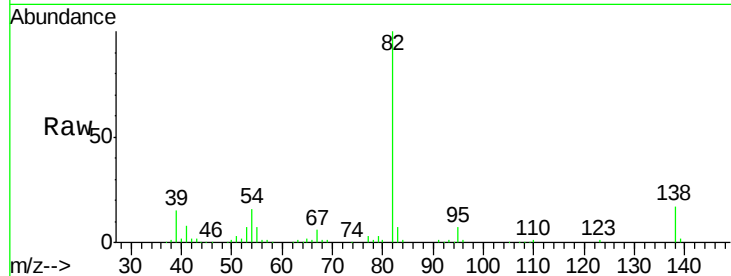




#25
Isophorone
Concen: 39.31 ng
RT: 9.95 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

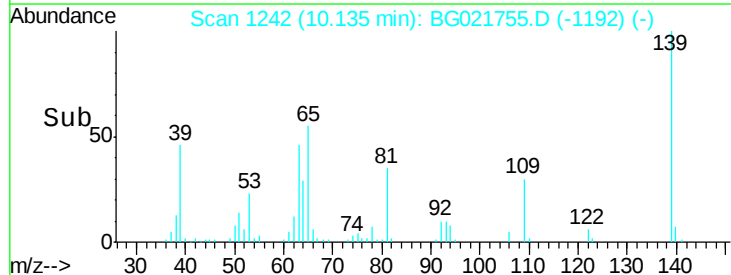
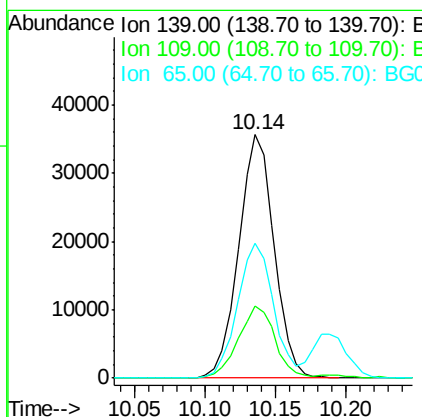
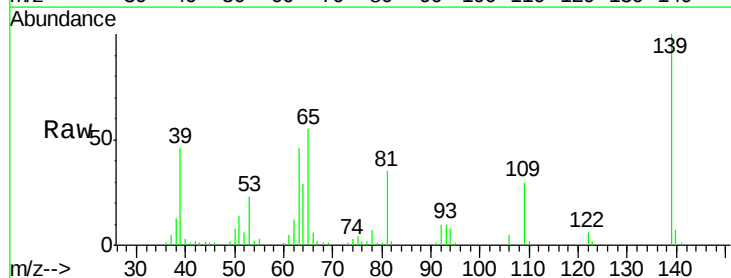
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

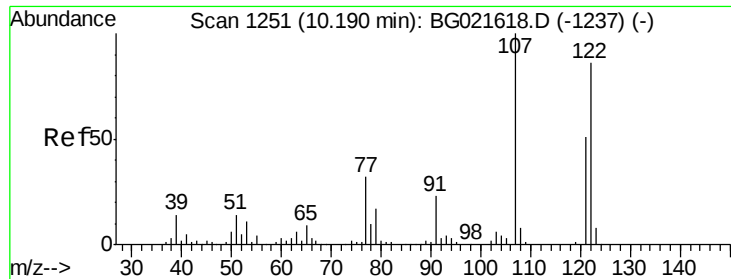
Tgt Ion: 82 Resp: 257951
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 16.8 13.4 20.0



#26
2-Nitrophenol
Concen: 50.85 ng
RT: 10.14 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion: 139 Resp: 62319
Ion Ratio Lower Upper
139 100
109 29.5 26.6 40.0
65 55.1 45.3 67.9

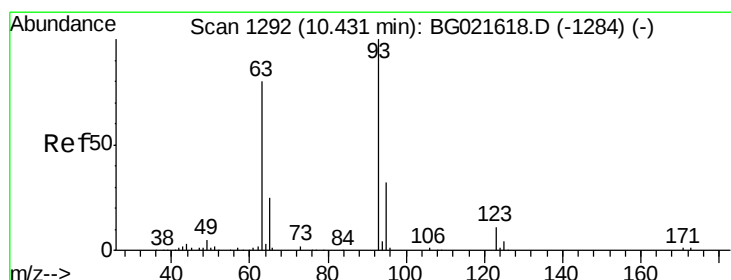
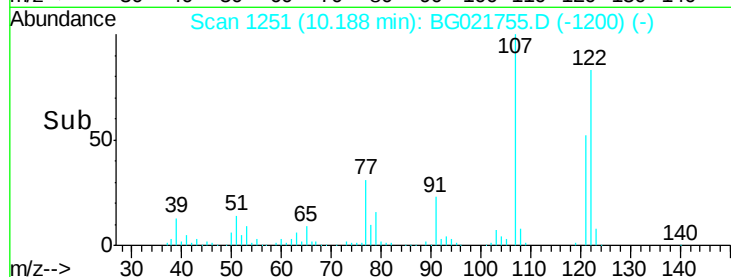
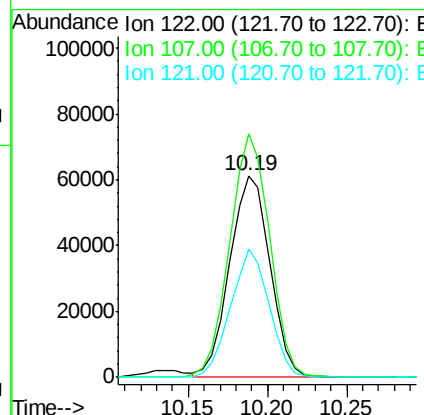
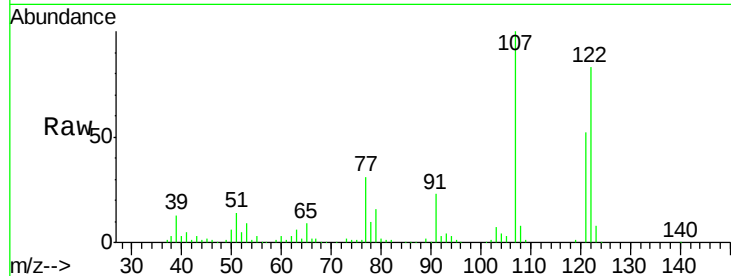




#27
 2,4-Dimethylphenol
 Concen: 38.64 ng
 RT: 10.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

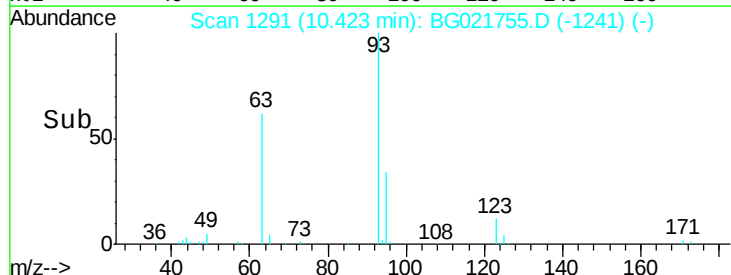
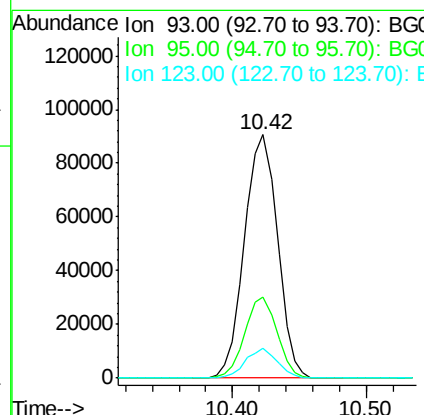
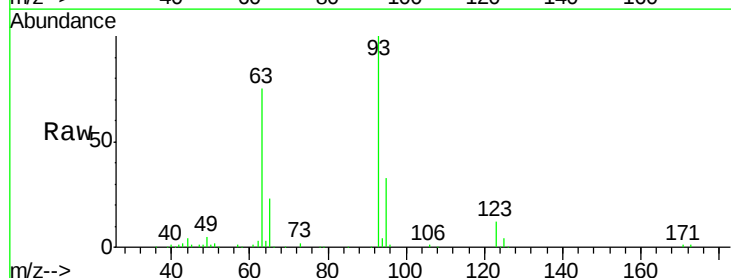
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

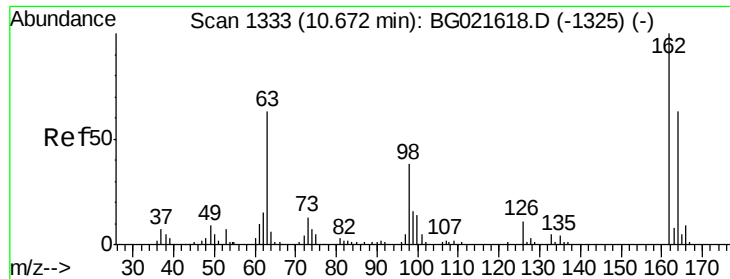
Tgt Ion: 122 Resp: 107573
 Ion Ratio Lower Upper
 122 100
 107 120.7 97.2 145.8
 121 63.3 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.56 ng
 RT: 10.42 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion: 93 Resp: 155360
 Ion Ratio Lower Upper
 93 100
 95 33.4 30.1 45.1
 123 12.1 10.2 15.4

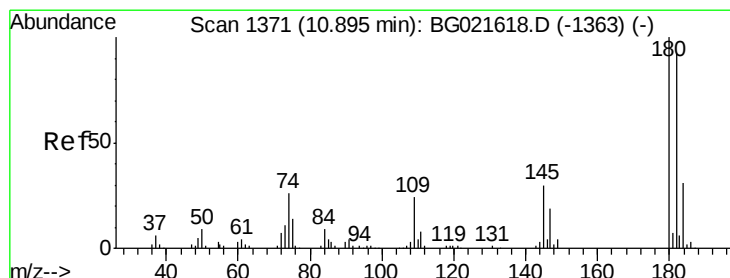
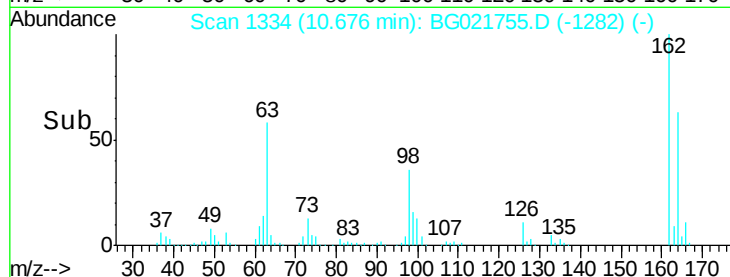
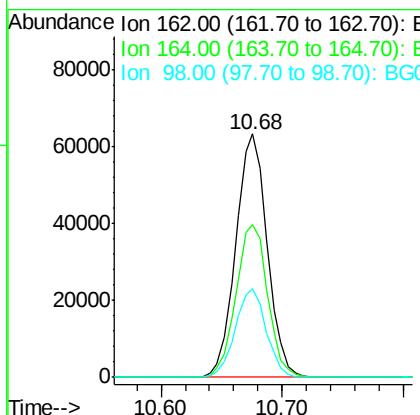
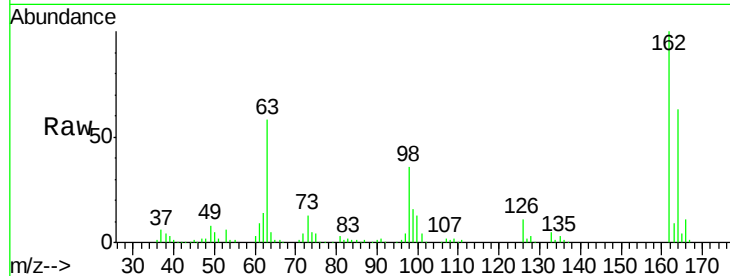




#29
2,4-Dichlorophenol
Concen: 48.36 ng
RT: 10.68 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

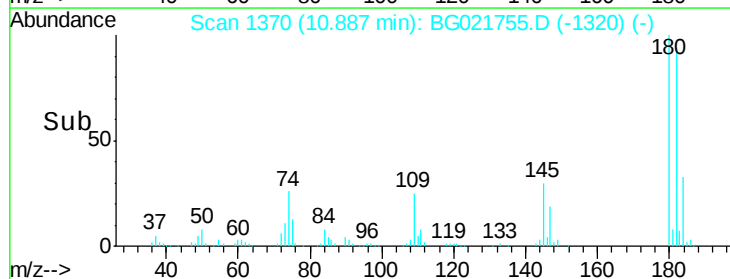
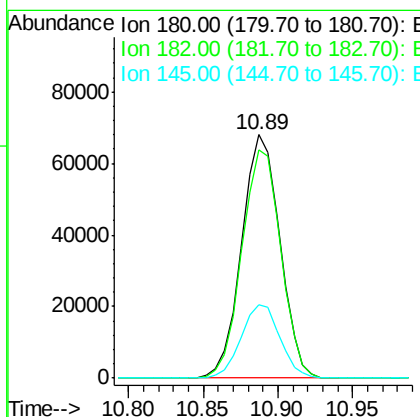
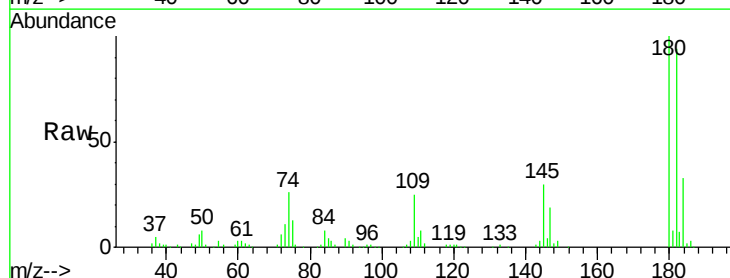
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

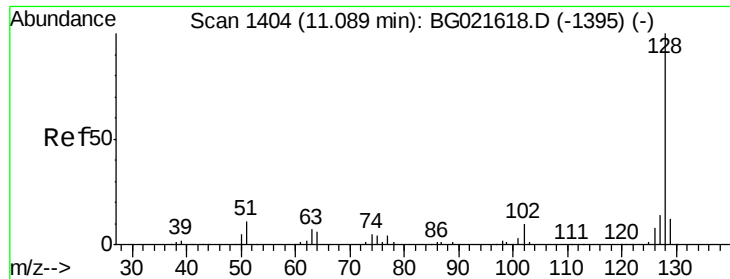
Tgt Ion:162 Resp: 114773
Ion Ratio Lower Upper
162 100
164 62.8 44.9 84.9
98 36.2 19.2 59.2



#30
1,2,4-Trichlorobenzene
Concen: 47.21 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:180 Resp: 120498
Ion Ratio Lower Upper
180 100
182 93.9 82.3 123.5
145 30.2 24.4 36.6

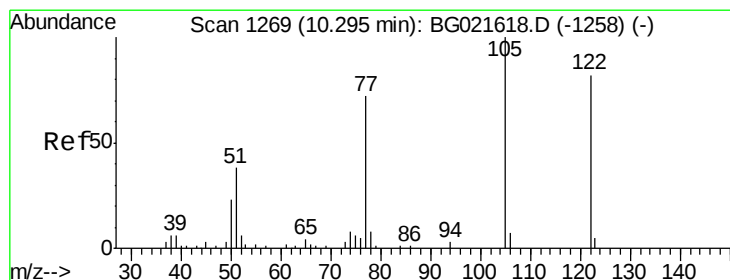
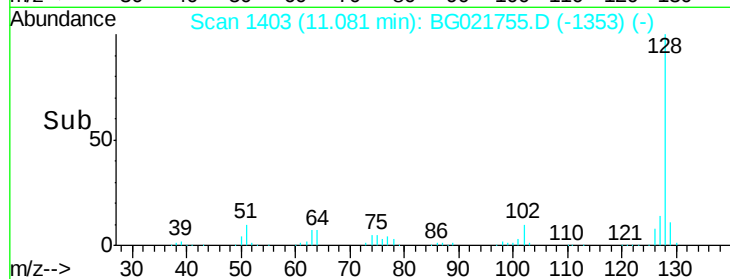
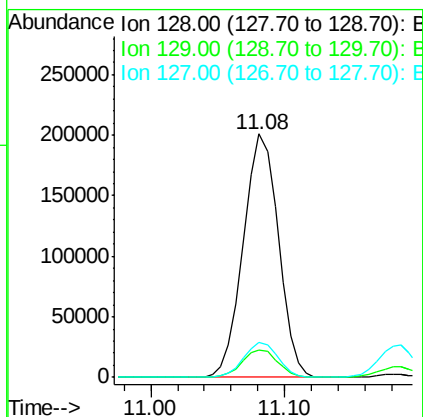
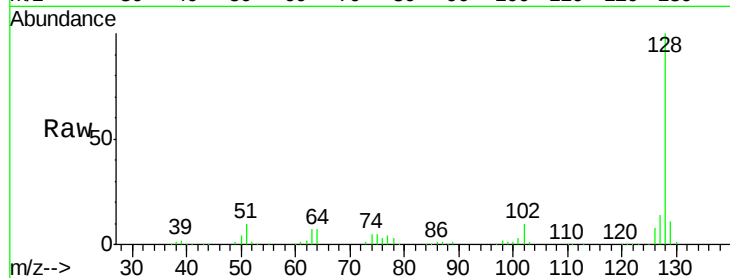




#31
Naphthalene
Concen: 44.35 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

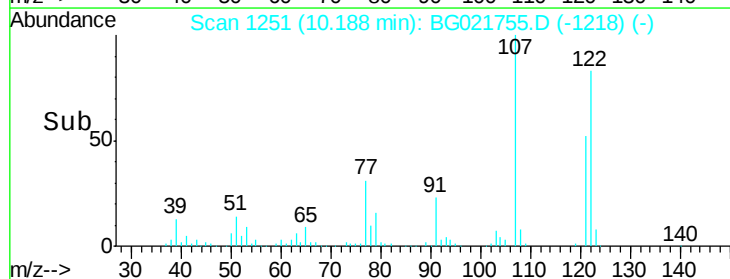
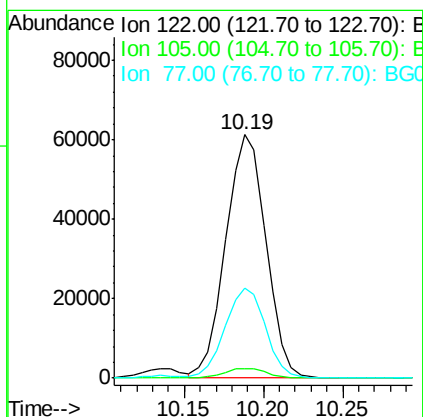
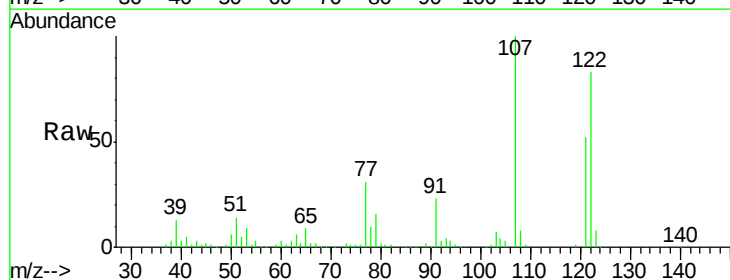
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

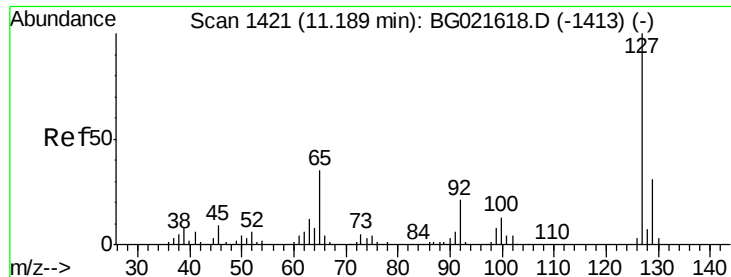
Tgt Ion:128 Resp: 365757
Ion Ratio Lower Upper
128 100
129 11.3 7.0 10.6#
127 14.3 10.1 15.1



#32
Benzoic acid
Concen: 61.81 ng
RT: 10.19 min Scan# 1251
Delta R.T. -0.11 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:122 Resp: 107573
Ion Ratio Lower Upper
122 100
105 4.0 104.5 144.5#
77 37.0 79.9 119.9#

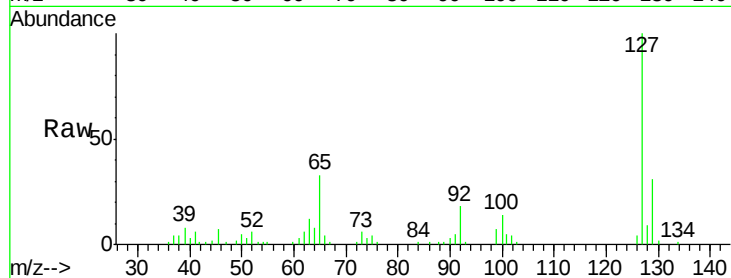




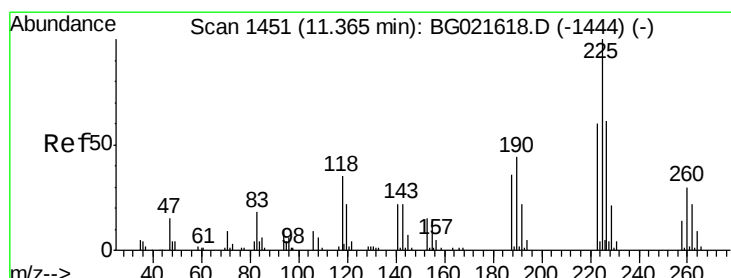
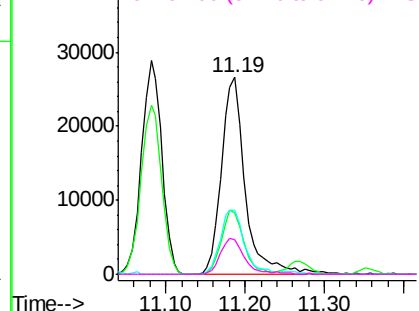
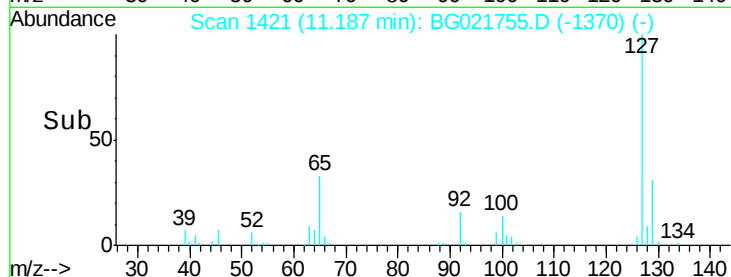
#33
4-Chloroaniline
Concen: 15.55 ng
RT: 11.19 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

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

Tgt Ion:	127	Resp:	55503
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.6	39.8
65	32.6	27.5	41.3
92	17.7	14.7	22.1

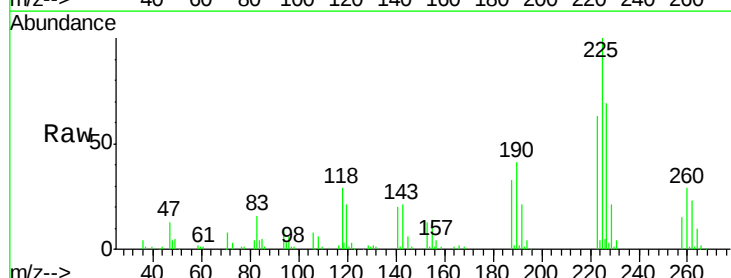


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

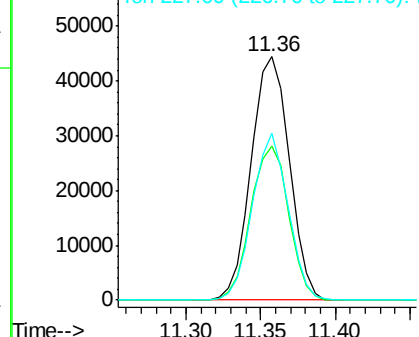
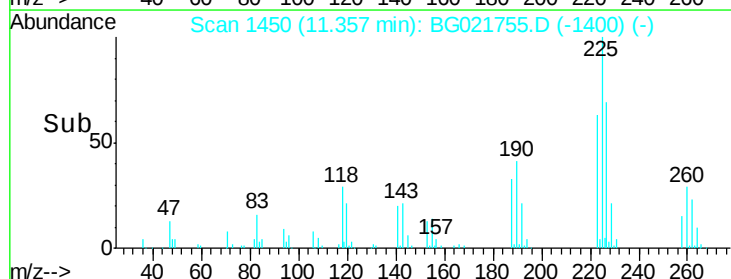


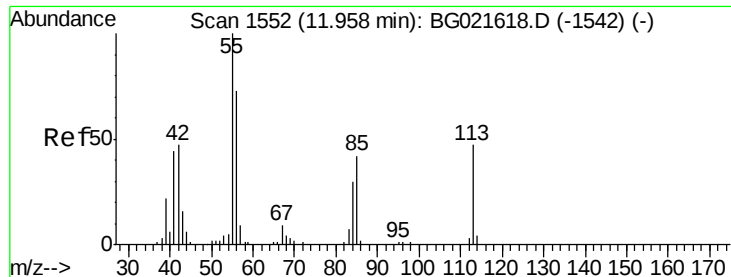
#34
Hexachlorobutadiene
Concen: 47.71 ng
RT: 11.36 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:	225	Resp:	78529
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.7	79.1
227	68.7	49.7	74.5



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





#35

Caprolactam

Concen: 35.40 ng

RT: 11.96 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

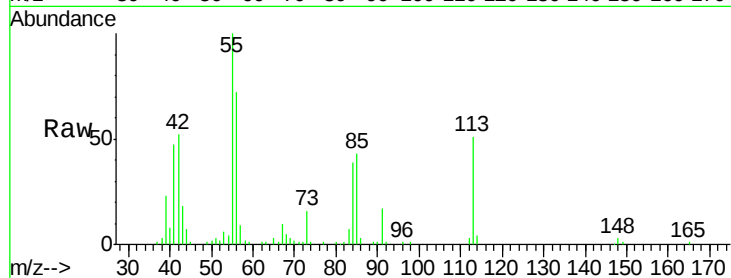
Tgt Ion:113 Resp: 38447

Ion Ratio Lower Upper

113 100

55 195.1 194.2 234.2

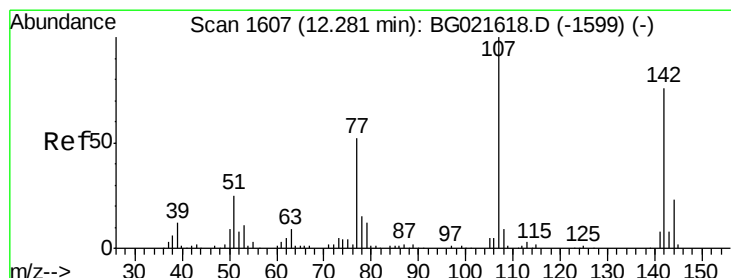
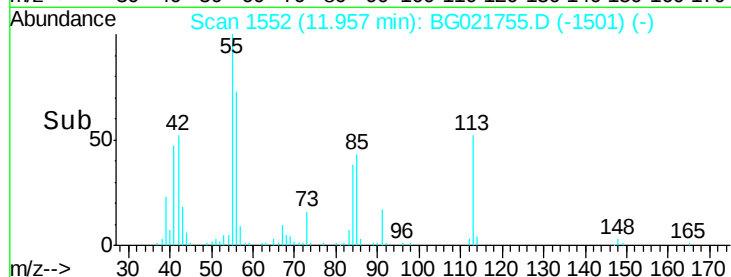
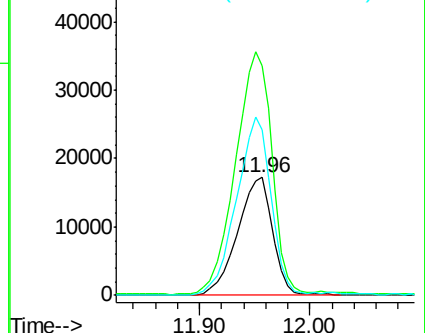
56 141.3 122.6 162.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.55 ng

RT: 12.29 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

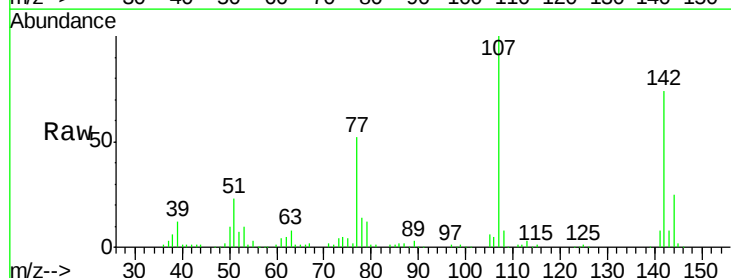
Tgt Ion:107 Resp: 126983

Ion Ratio Lower Upper

107 100

144 24.9 19.2 28.8

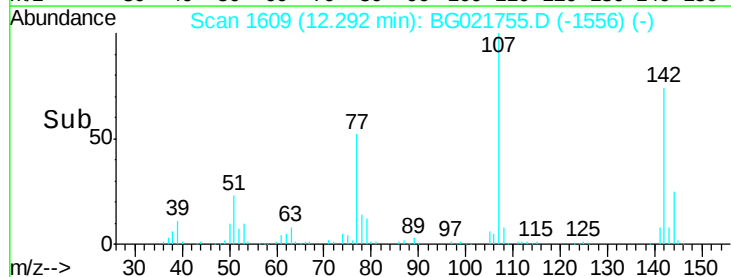
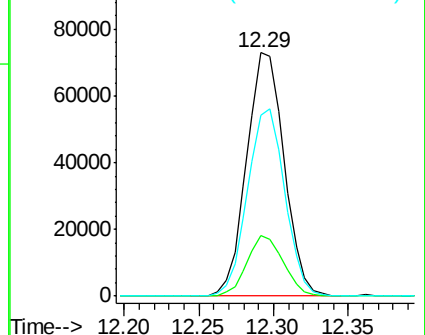
142 74.1 59.1 88.7

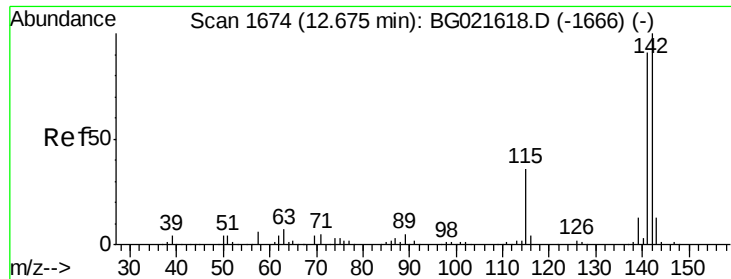


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

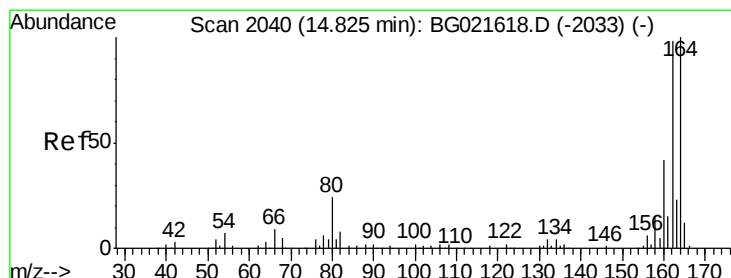
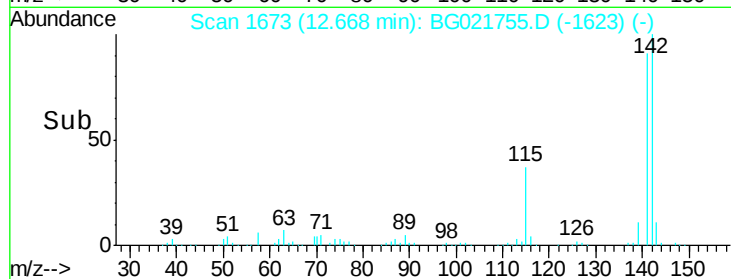
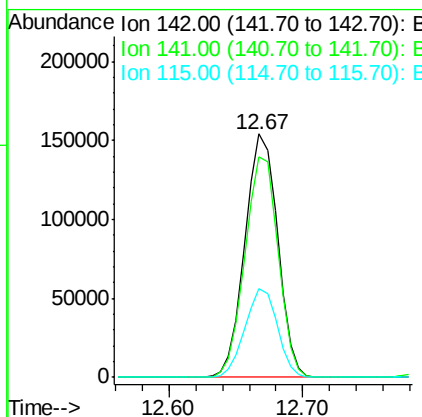
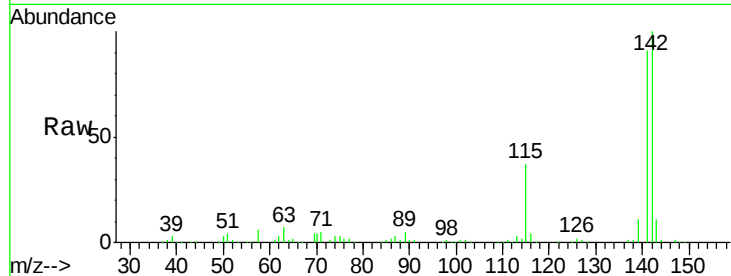




#37
 2-Methylnaphthalene
 Concen: 46.13 ng
 RT: 12.67 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

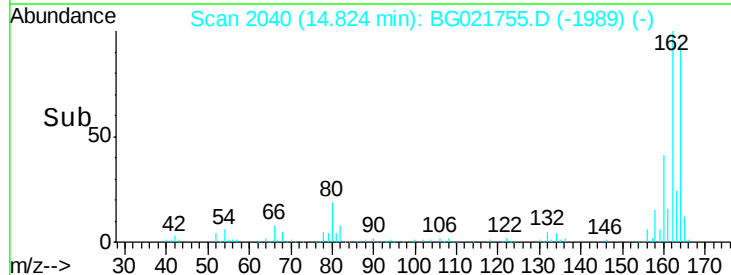
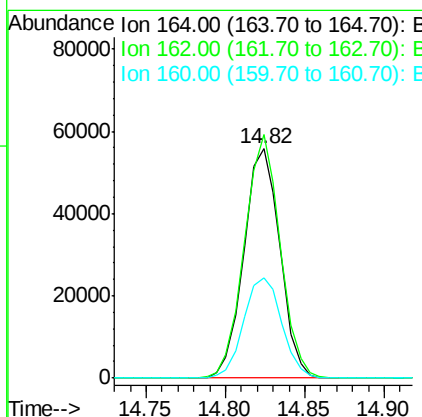
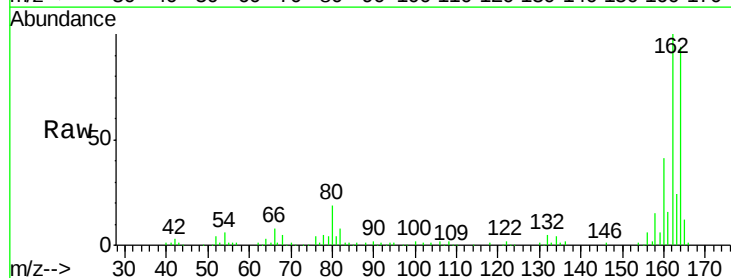
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

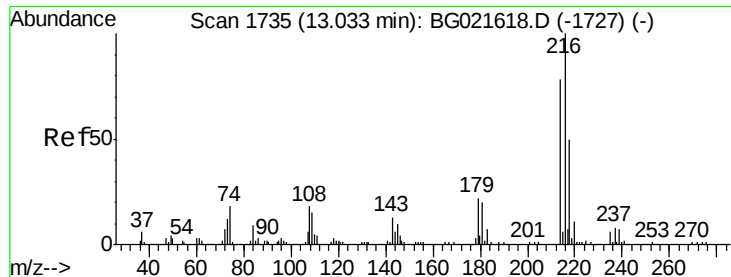
Tgt Ion:142 Resp: 261119
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.4 107.0
 115 36.7 27.4 41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion:164 Resp: 88264
 Ion Ratio Lower Upper
 164 100
 162 106.2 78.0 117.0
 160 43.5 32.9 49.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.31 ng

RT: 13.03 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

Tgt Ion:216 Resp: 133248

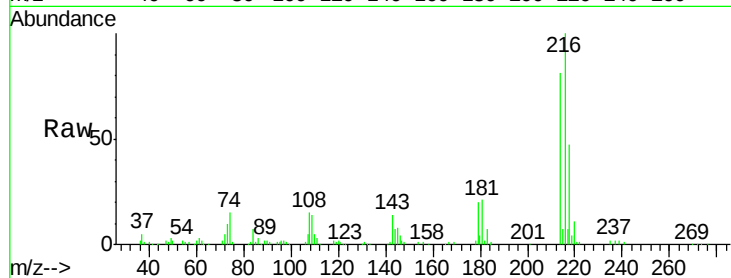
Ion Ratio Lower Upper

216 100

214 79.1 62.2 93.2

179 21.0 16.7 25.1

108 17.9 14.0 21.0

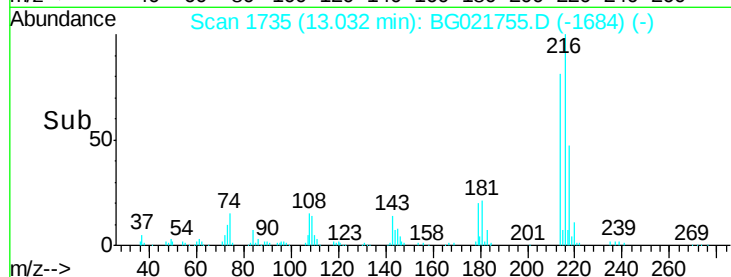


Abundance Ion 216.00 (215.70 to 216.70): E

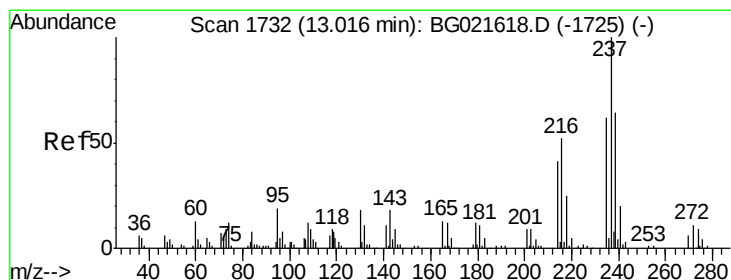
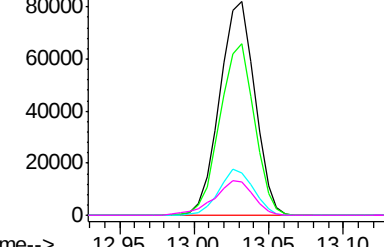
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 64.56 ng

RT: 13.01 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

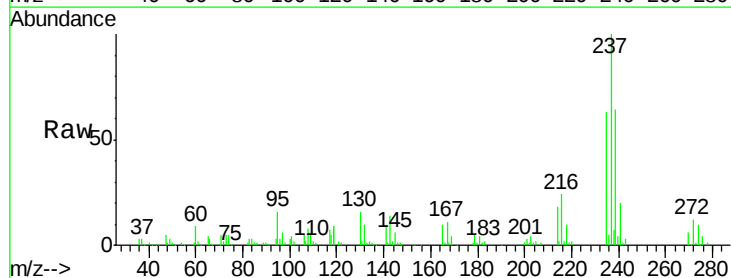
Tgt Ion:237 Resp: 98918

Ion Ratio Lower Upper

237 100

235 63.5 43.2 83.2

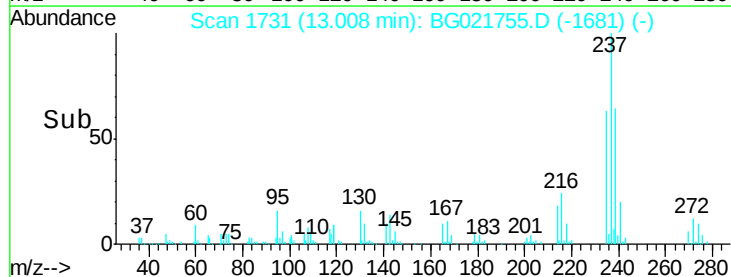
272 12.1 0.0 33.4



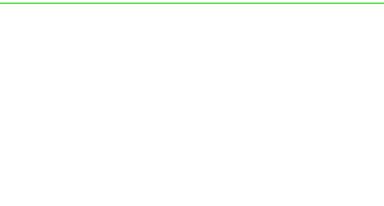
Abundance Ion 236.80 (236.50 to 237.50): E

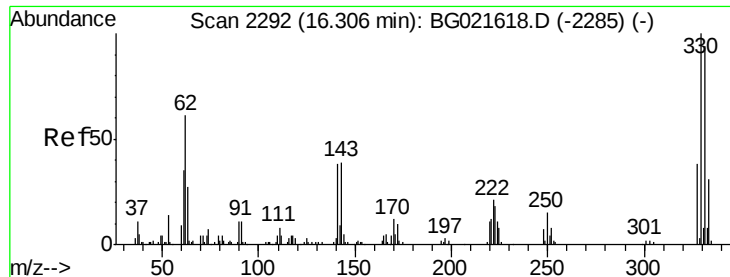
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

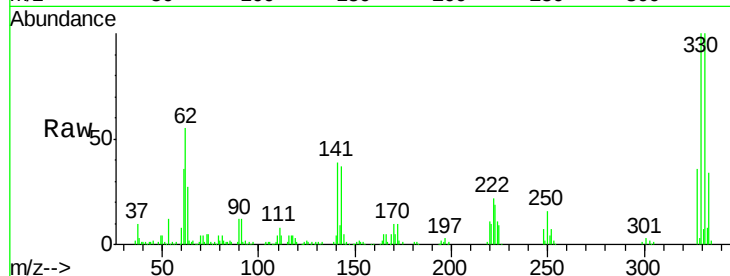




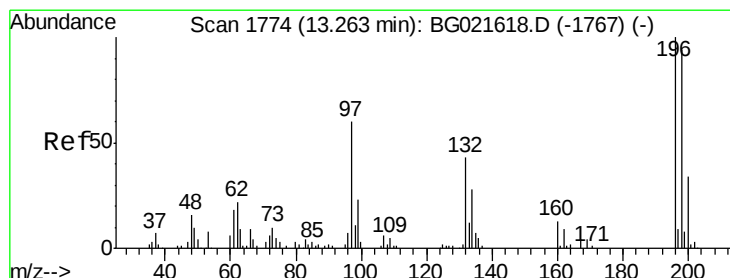
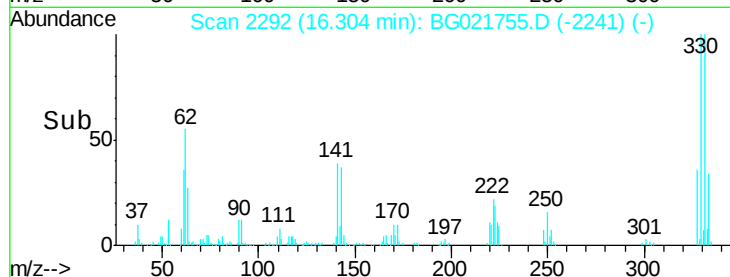
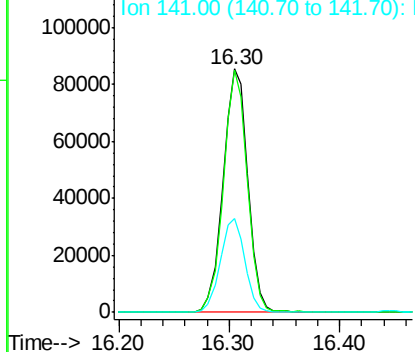
#41
 2,4,6-Tribromophenol
 Concen: 139.98 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

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

Tgt Ion:330 Resp: 133156
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.0 117.0
 141 38.8 33.8 50.8

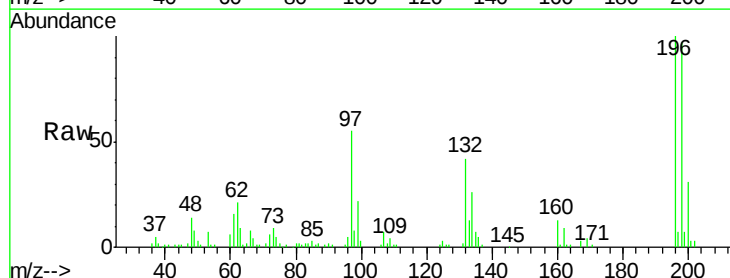


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

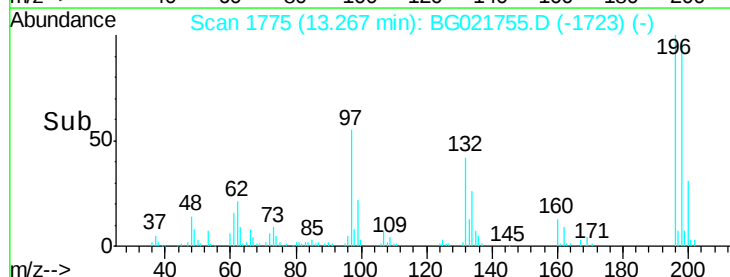
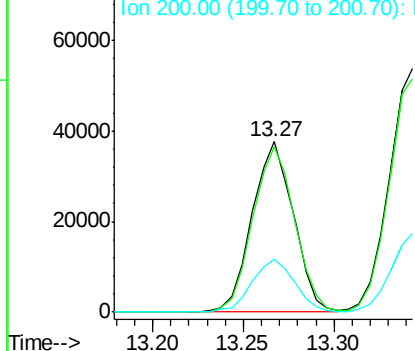


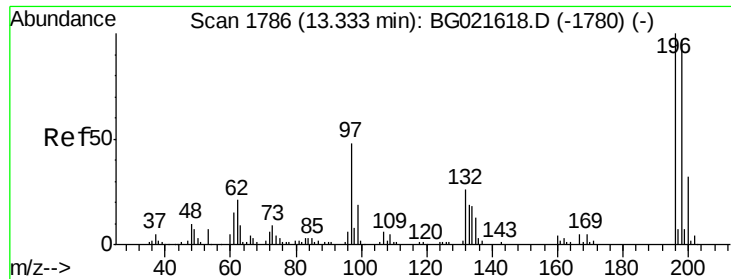
#42
 2,4,6-Trichlorophenol
 Concen: 33.90 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion:196 Resp: 59624
 Ion Ratio Lower Upper
 196 100
 198 97.2 80.1 120.1
 200 30.9 24.1 36.1



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

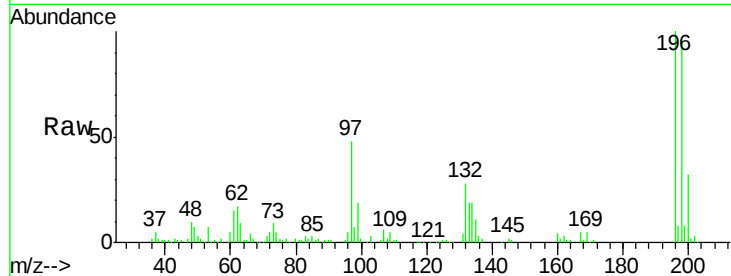




#43
 2,4,5-Trichlorophenol
 Concen: 46.54 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

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

Tgt Ion	Resp	Lower	Upper
196	88327		
198	96.0	78.0	117.0
97	48.0	43.0	64.6
132	28.2	23.0	34.4



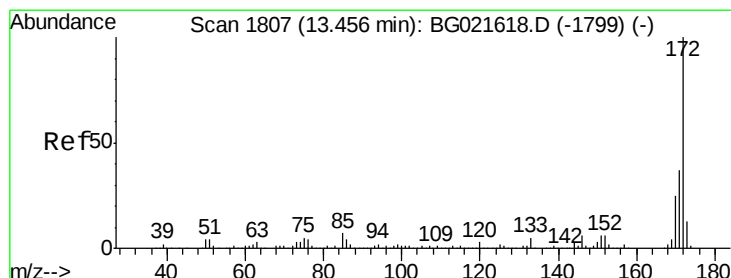
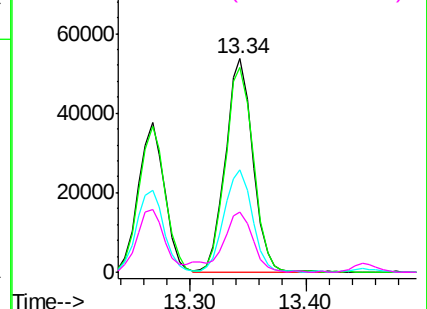
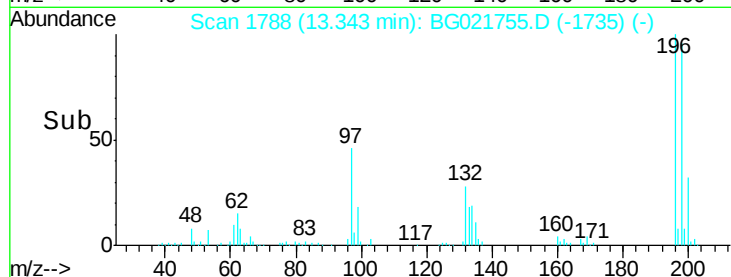
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

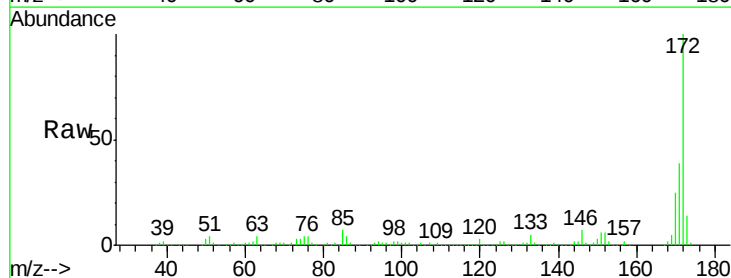
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.18 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion	Resp	Lower	Upper
172	585429		
171	38.7	27.8	41.6
170	25.5	19.6	29.4

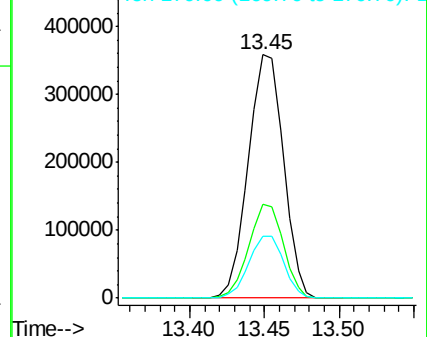
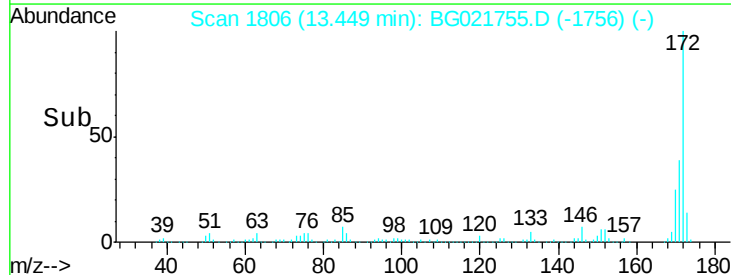


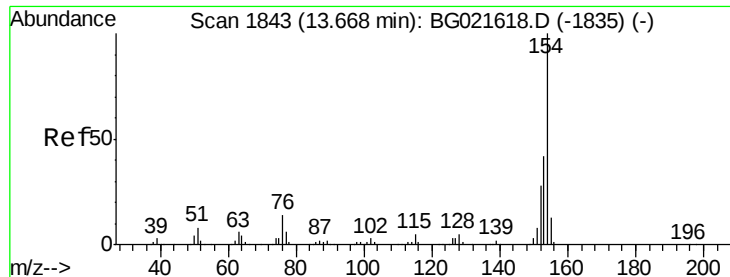
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

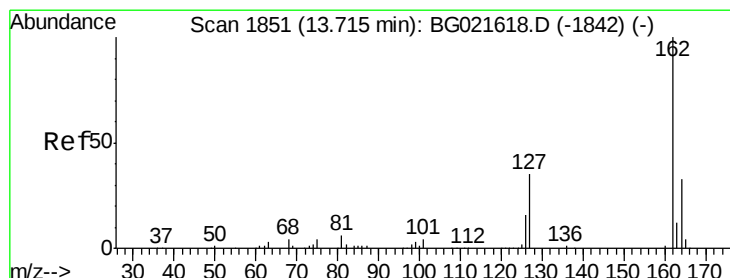
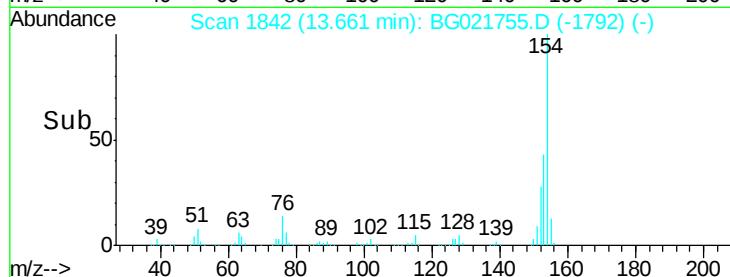
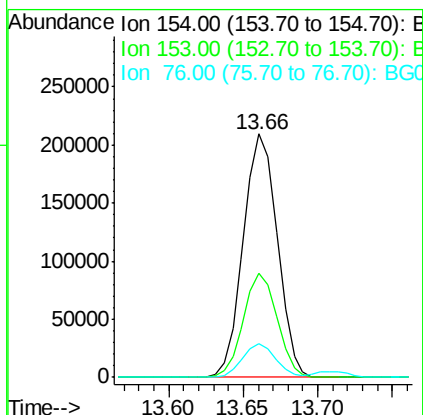
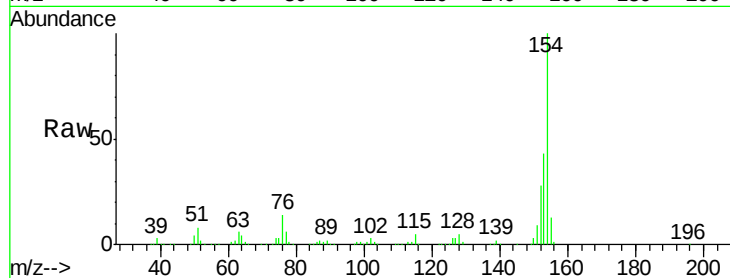




#45
 1,1'-Biphenyl
 Concen: 44.53 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

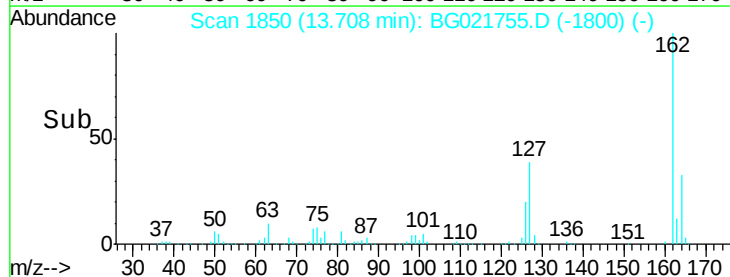
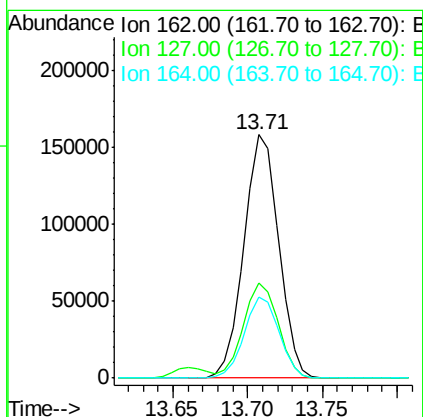
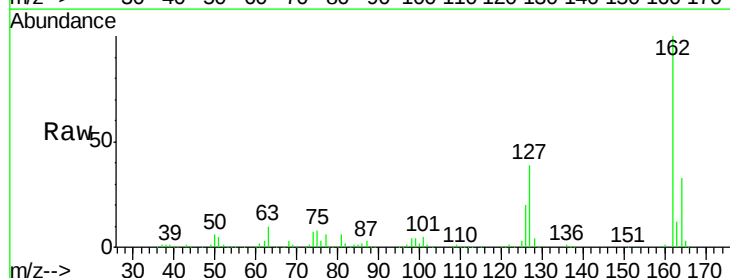
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

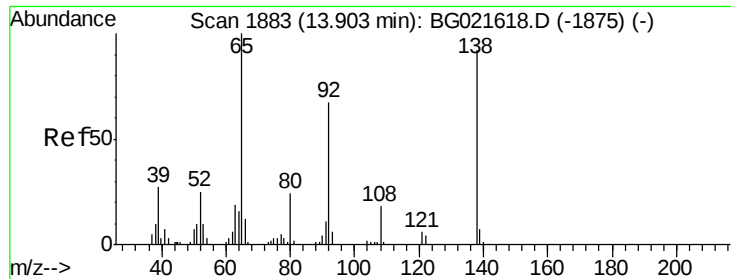
Tgt Ion:154 Resp: 331162
 Ion Ratio Lower Upper
 154 100
 153 42.9 19.7 59.7
 76 13.7 0.0 33.0



#46
 2-Chloronaphthalene
 Concen: 46.32 ng
 RT: 13.71 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion:162 Resp: 254661
 Ion Ratio Lower Upper
 162 100
 127 39.2 32.0 48.0
 164 33.1 27.0 40.4

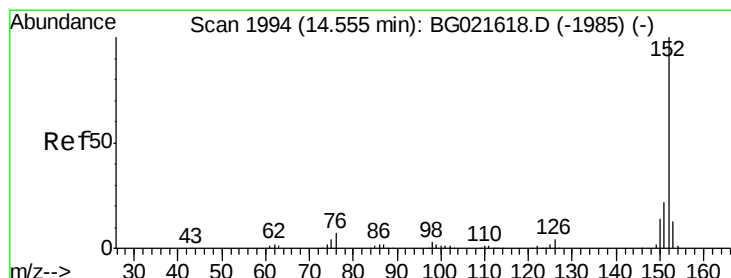
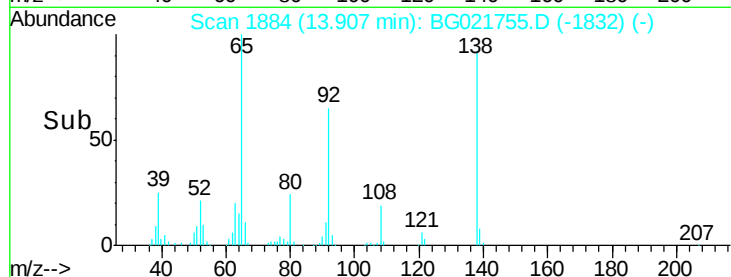
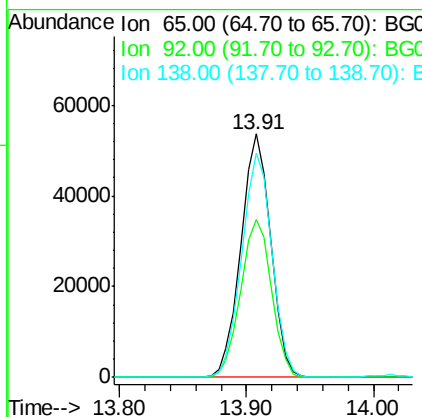
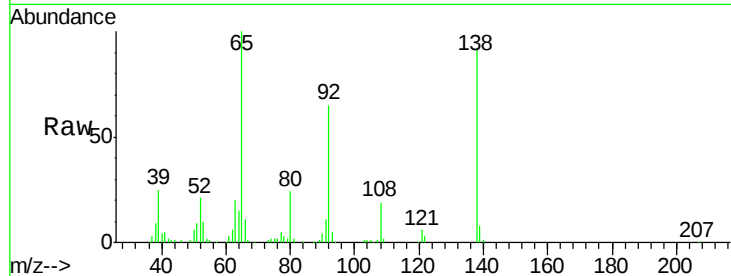




#47
2-Nitroaniline
Concen: 46.53 ng
RT: 13.91 min Scan# 1884
Delta R.T. 0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

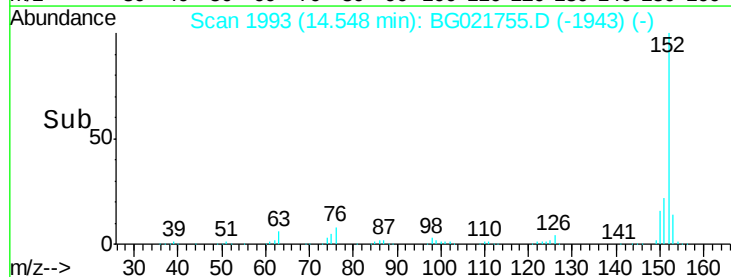
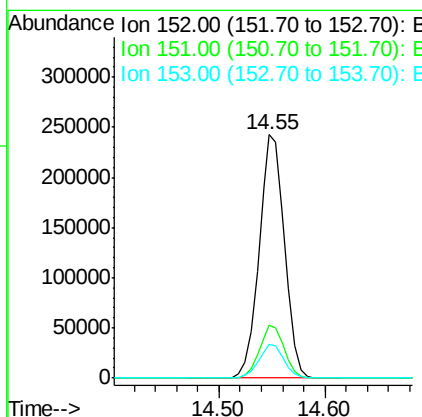
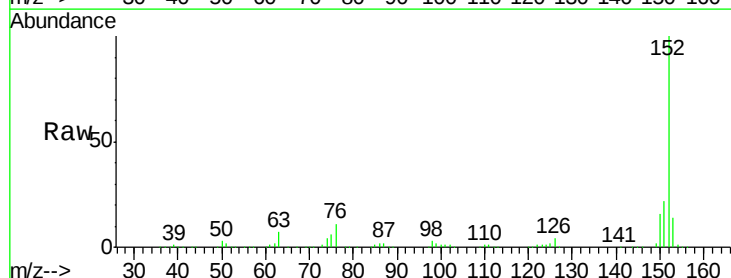
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

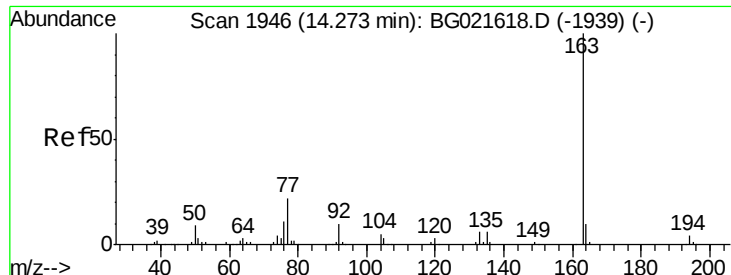
Tgt Ion: 65 Resp: 87711
Ion Ratio Lower Upper
65 100
92 65.0 49.2 73.8
138 92.3 75.0 112.6



#48
Acenaphthylene
Concen: 44.48 ng
RT: 14.55 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion: 152 Resp: 404336
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8
153 13.9 10.2 15.2

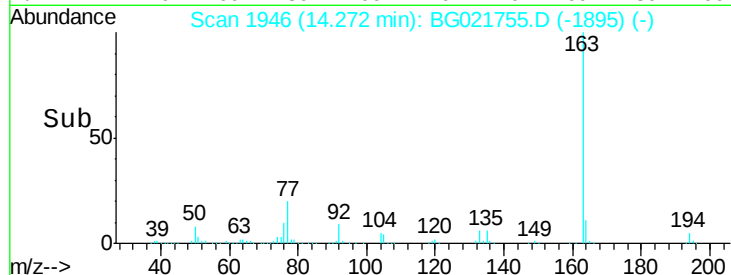
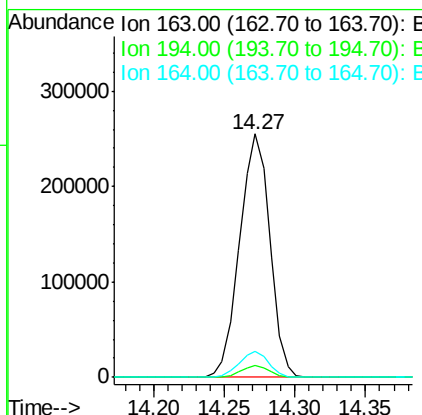
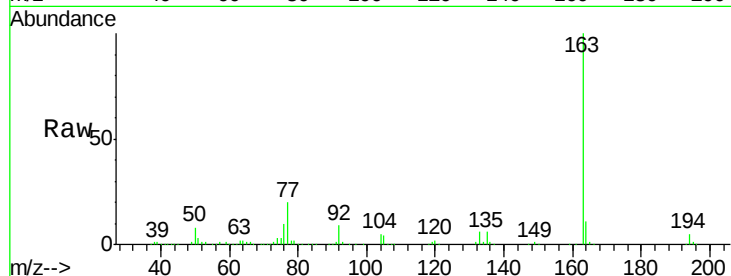




#49
Dimethylphthalate
Concen: 50.09 ng
RT: 14.27 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

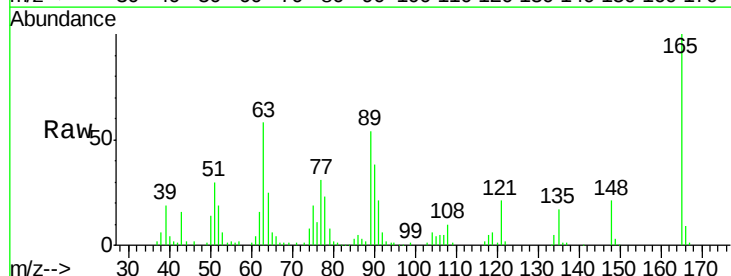
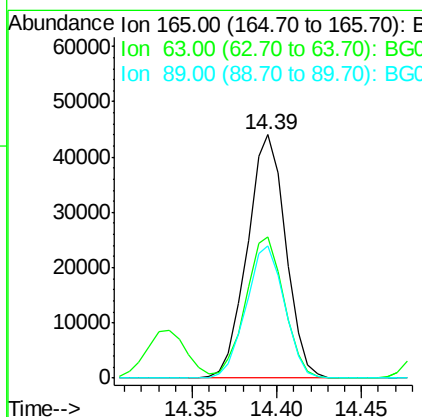
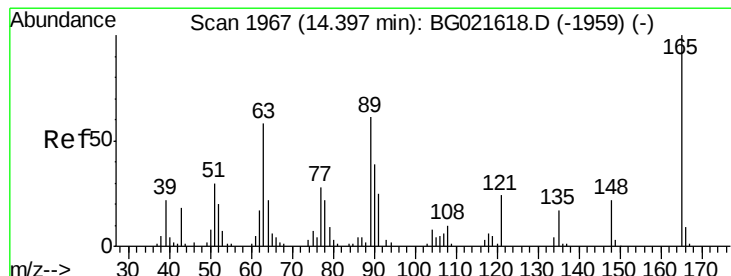
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

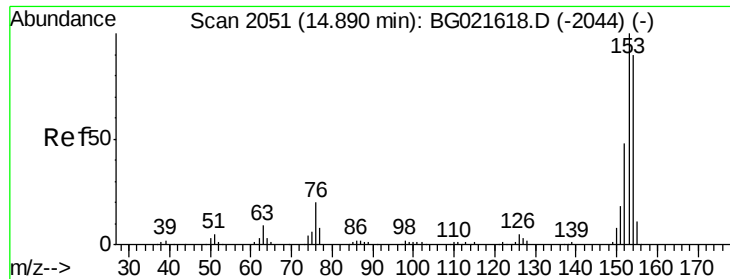
Tgt Ion:163 Resp: 382262
Ion Ratio Lower Upper
163 100
194 4.7 3.0 4.6#
164 10.9 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 47.72 ng
RT: 14.39 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:165 Resp: 69437
Ion Ratio Lower Upper
165 100
63 58.2 48.2 72.4
89 54.3 45.3 67.9





#51

Acenaphthene

Concen: 42.80 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

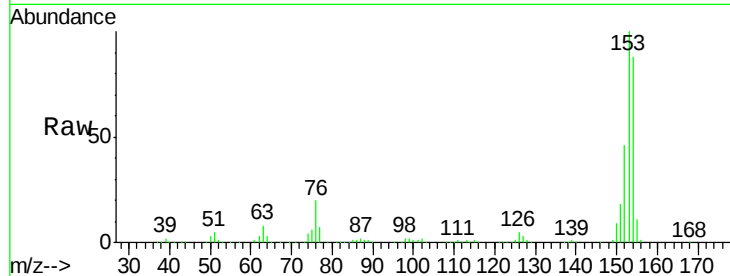
Tgt Ion:154 Resp: 248730

Ion Ratio Lower Upper

154 100

153 114.3 91.9 137.9

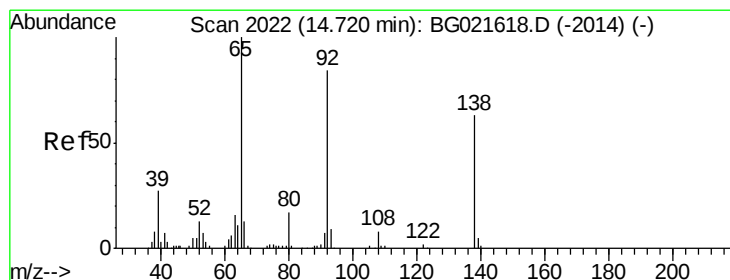
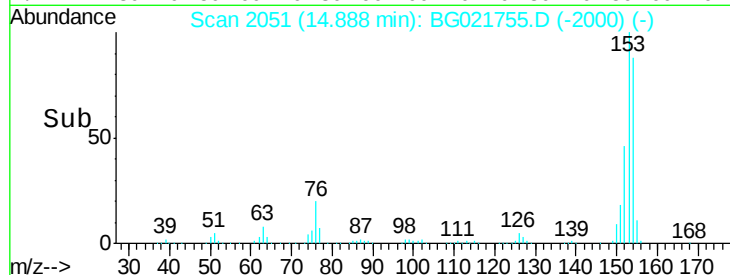
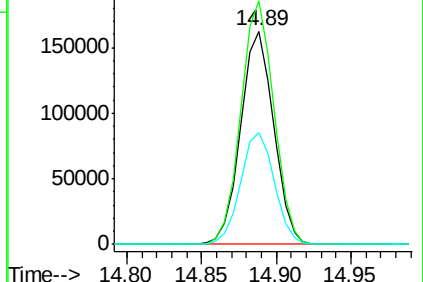
152 52.6 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.68 ng

RT: 14.72 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

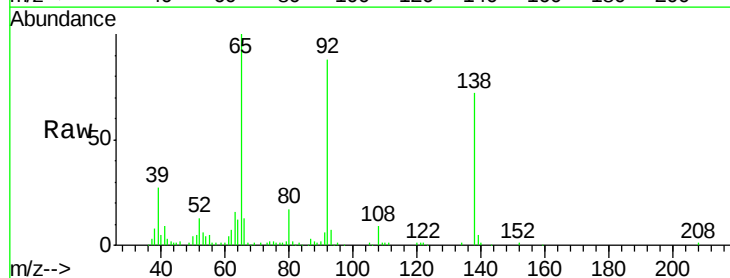
Tgt Ion:138 Resp: 51128

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

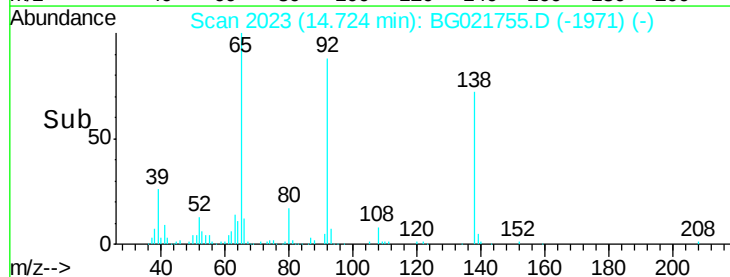
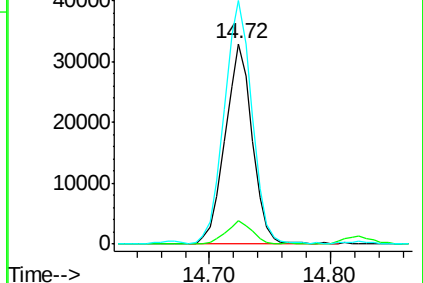
92 121.5 102.6 154.0

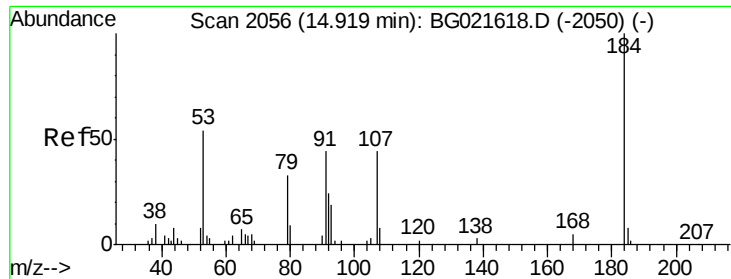


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

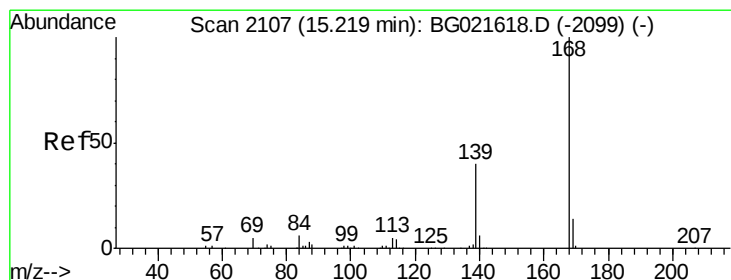
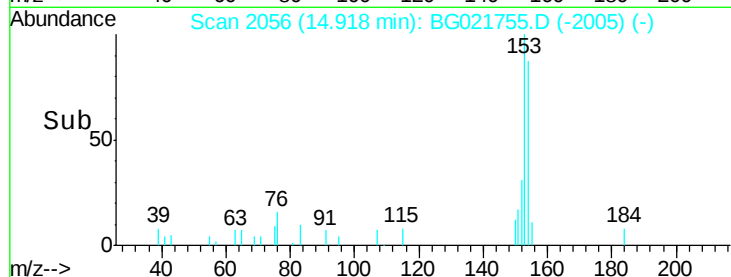
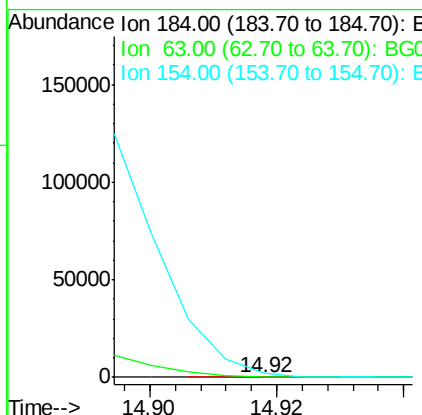
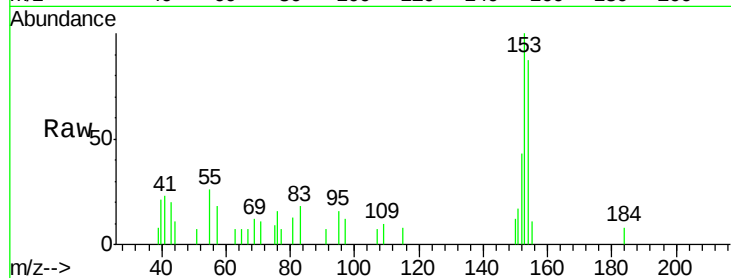




#53
2,4-Dinitrophenol
Concen: 7.56 ng
RT: 14.92 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

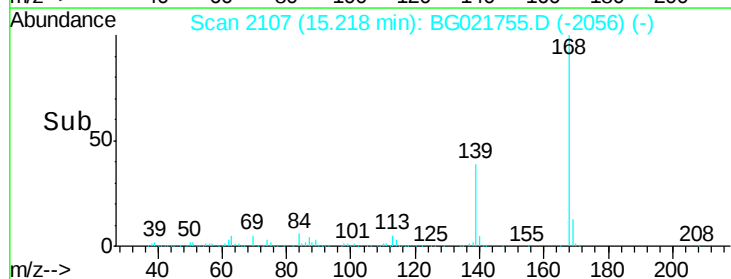
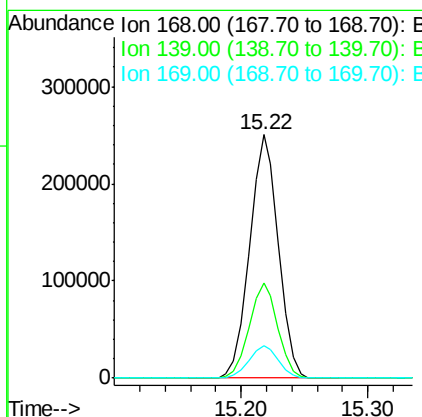
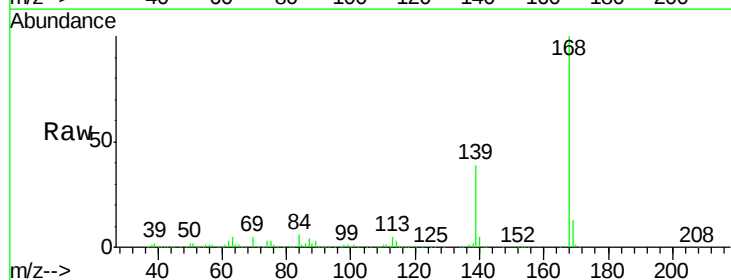
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

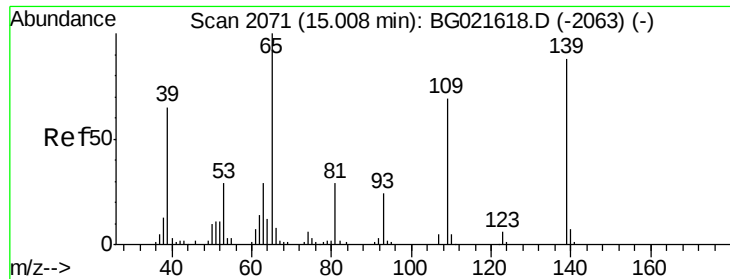
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 87.8 57.3 85.9#
154 1095.0 55.2 82.8#



#54
Dibenzofuran
Concen: 49.45 ng
RT: 15.22 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:168 Resp: 392395
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 13.4 11.0 16.6





#55

4-Nitrophenol

Concen: 11.71 ng

RT: 15.03 min Scan# 2075

Delta R.T. 0.02 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

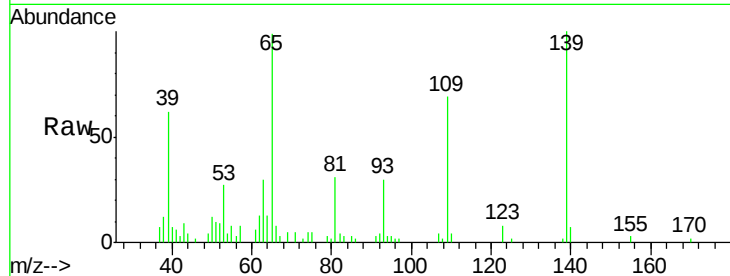
Tgt Ion:139 Resp: 16176

Ion Ratio Lower Upper

139 100

109 68.6 49.2 89.2

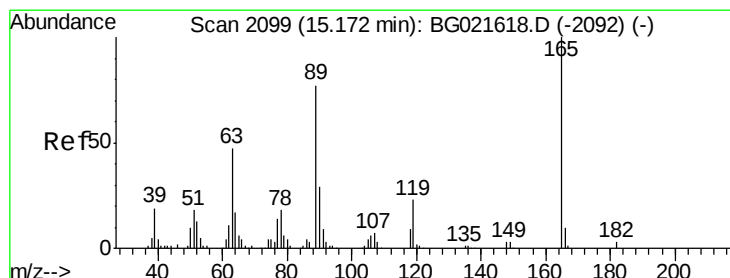
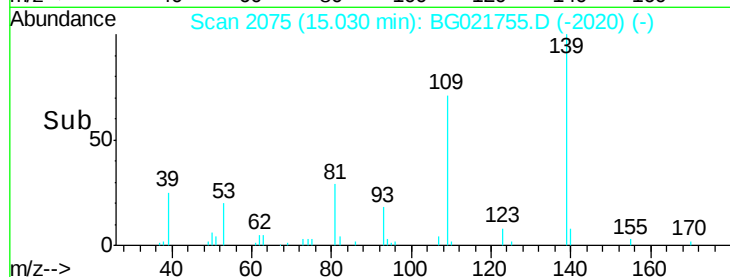
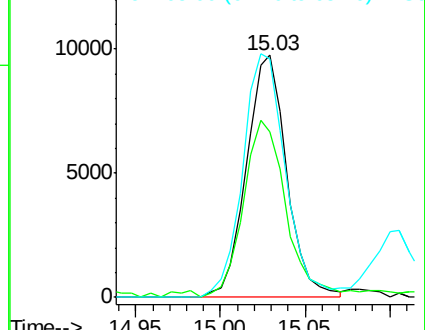
65 98.8 83.2 123.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 49.13 ng

RT: 15.18 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Tgt Ion:165 Resp: 96626

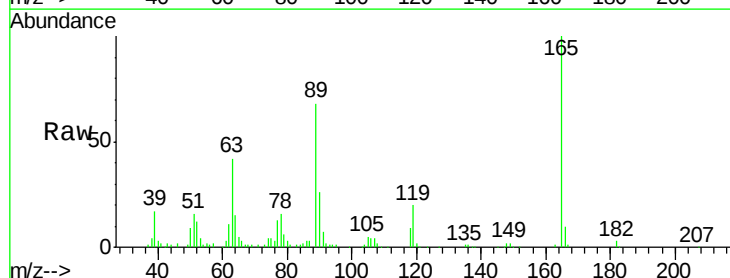
Ion Ratio Lower Upper

165 100

63 42.1 37.4 56.0

89 68.0 59.4 89.0

182 2.7 2.1 3.1

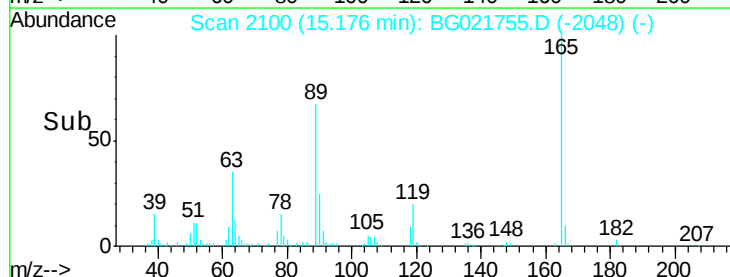
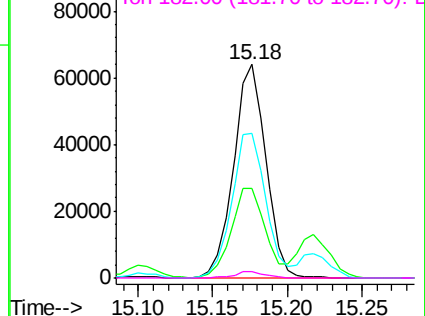


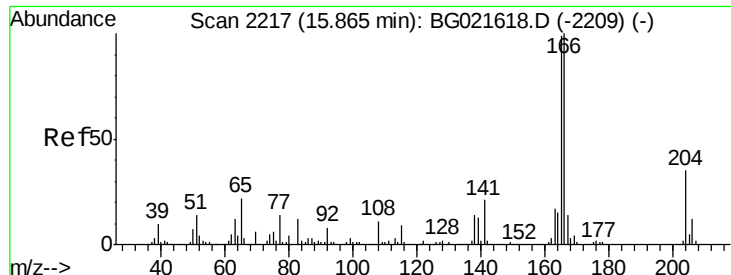
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

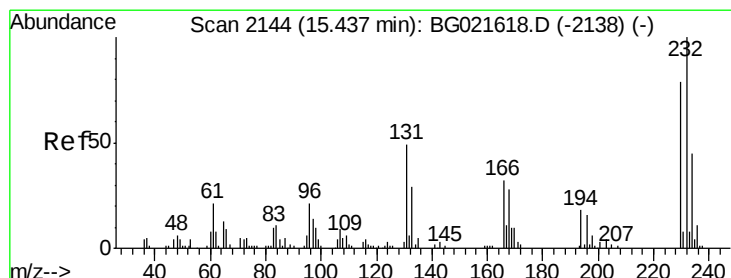
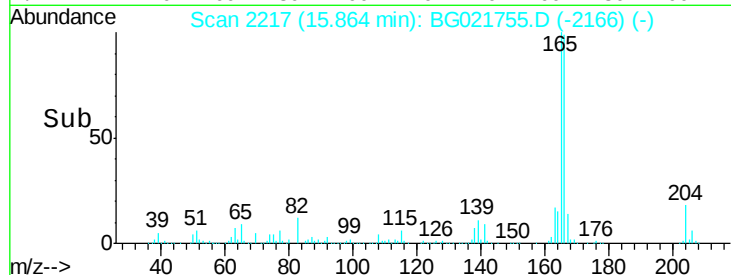
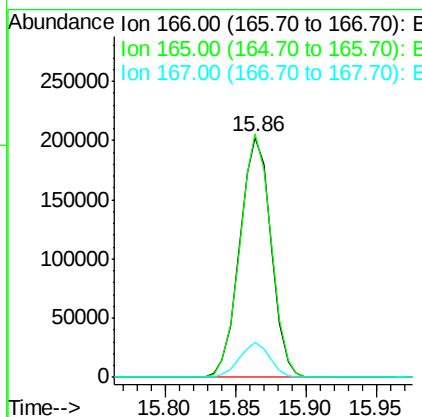
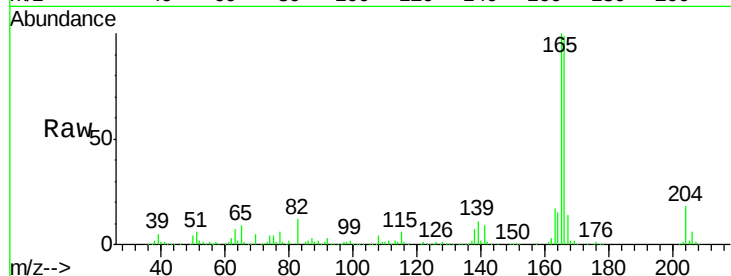




#57
Fluorene
 Concen: 44.40 ng
 RT: 15.86 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

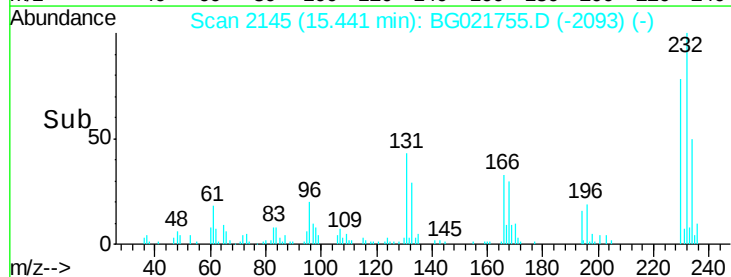
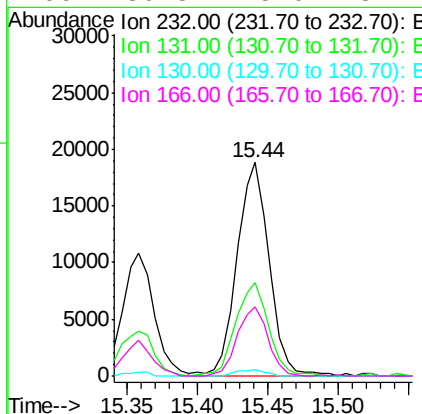
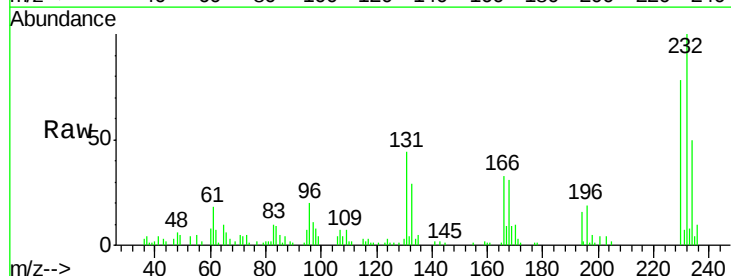
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

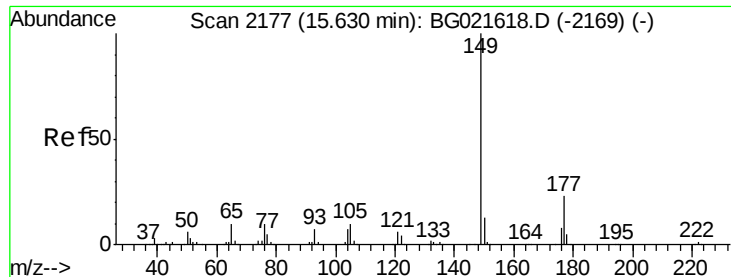
Tgt Ion:166 Resp: 314601
 Ion Ratio Lower Upper
 166 100
 165 101.3 79.0 118.4
 167 14.3 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 19.00 ng
 RT: 15.44 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion:232 Resp: 29928
 Ion Ratio Lower Upper
 232 100
 131 44.6 36.3 54.5
 130 2.7 1.9 2.9
 166 30.8 25.0 37.4

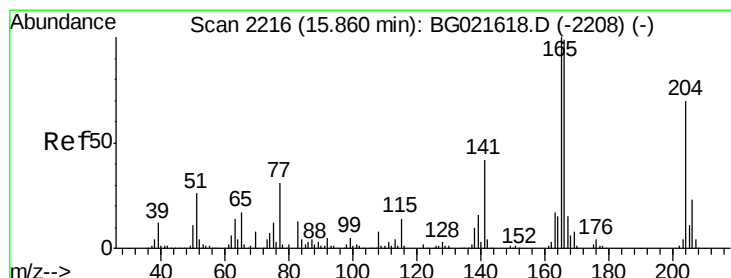
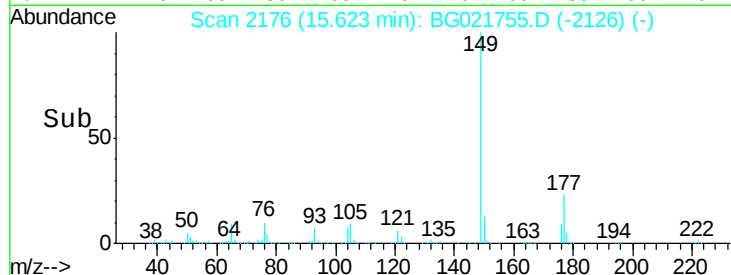
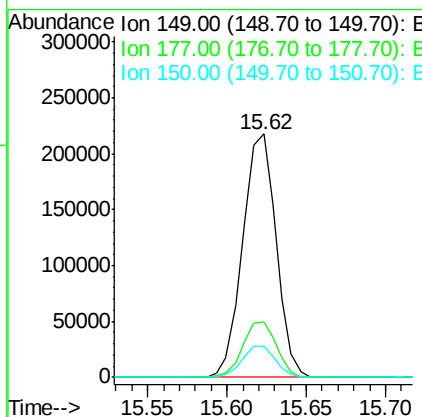
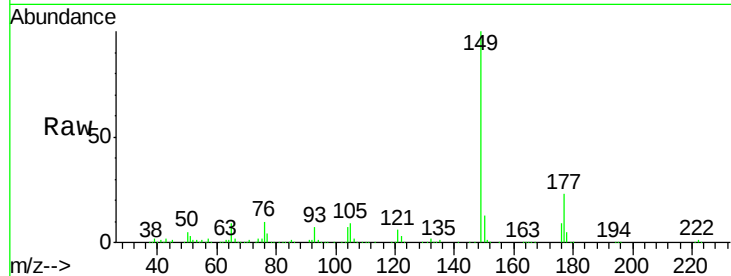




#59
Diethylphthalate
Concen: 40.02 ng
RT: 15.62 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

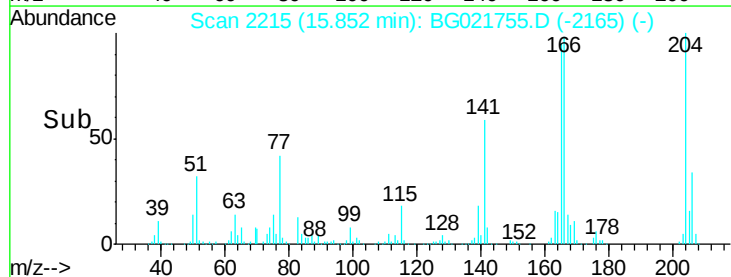
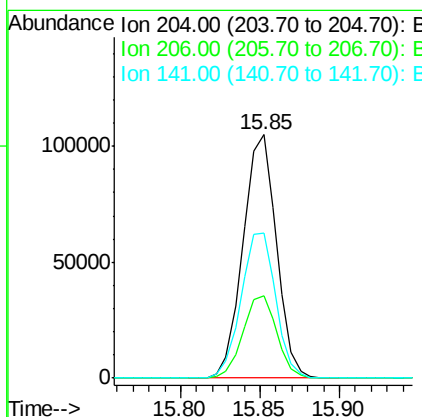
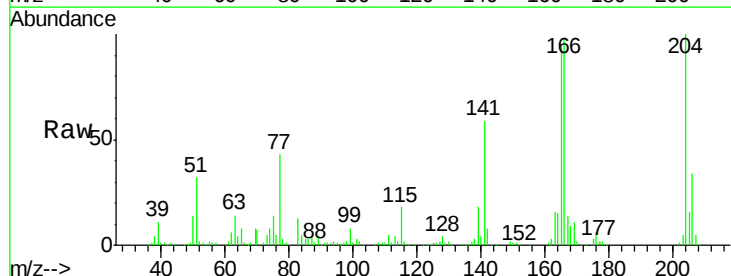
Instrument :
BNA_G
ClientSampleId :
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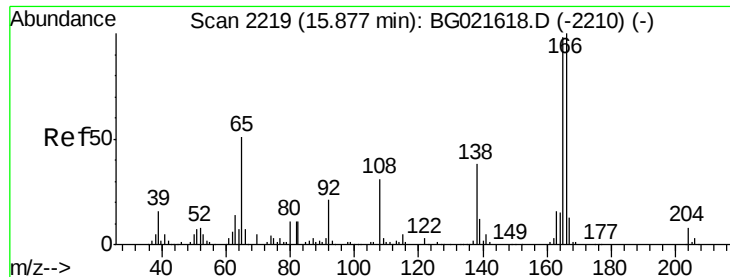
Tgt Ion:149 Resp: 318741
Ion Ratio Lower Upper
149 100
177 23.0 17.3 25.9
150 12.8 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 44.04 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:204 Resp: 153721
Ion Ratio Lower Upper
204 100
206 33.8 27.8 41.8
141 59.4 51.0 76.4

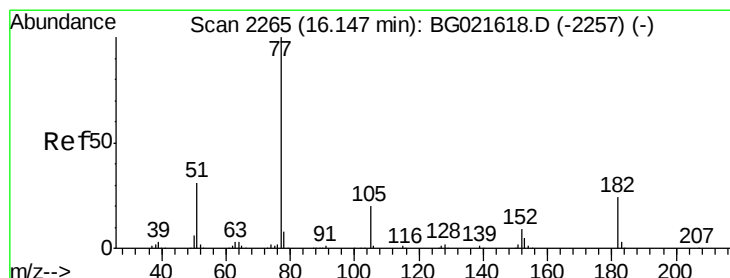
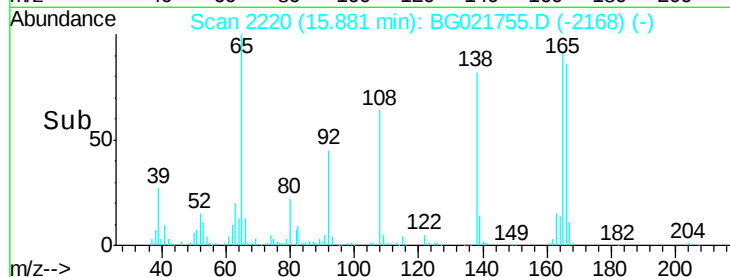
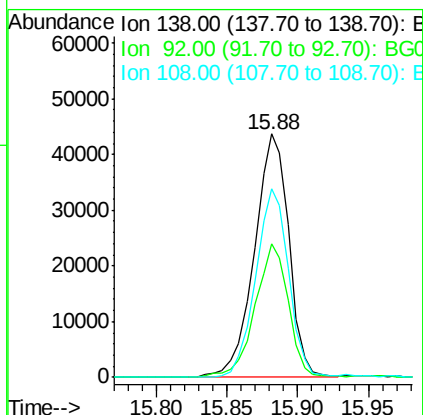
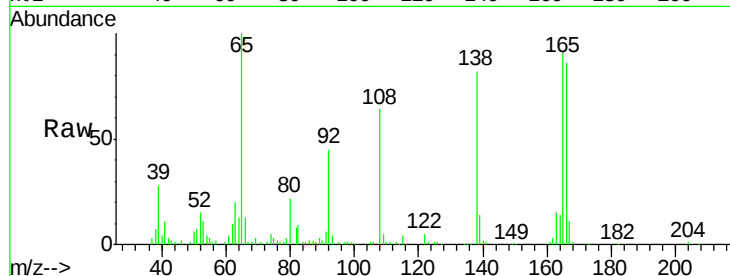




#61
4-Nitroaniline
Concen: 42.22 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

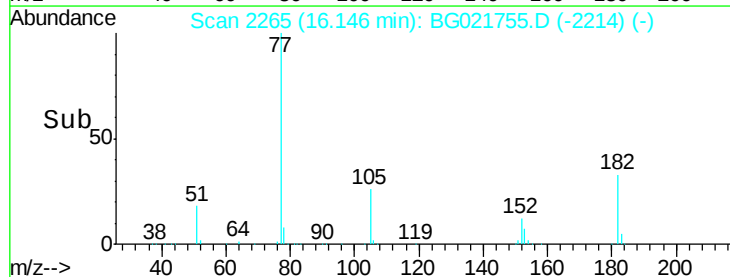
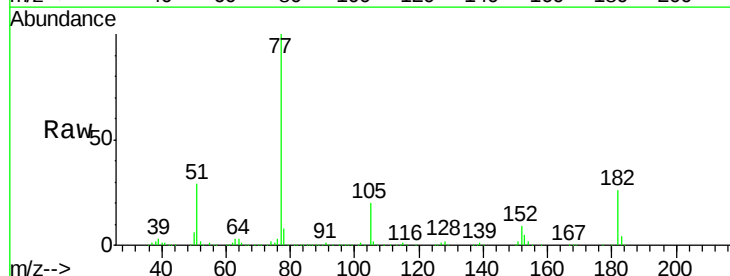
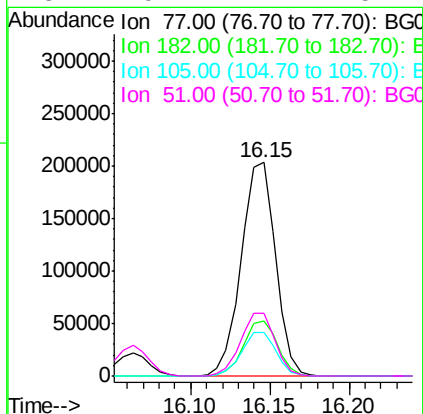
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

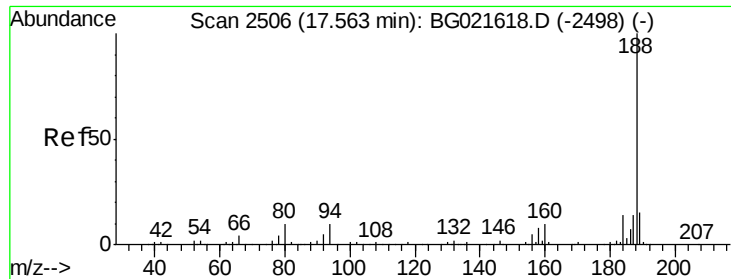
Tgt Ion: 138 Resp: 74973
Ion Ratio Lower Upper
138 100
92 54.9 37.7 77.7
108 77.7 59.4 99.4



#62
Azobenzene
Concen: 44.72 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion: 77 Resp: 305274
Ion Ratio Lower Upper
77 100
182 26.0 4.1 44.1
105 20.5 0.0 39.8
51 29.4 11.1 51.1

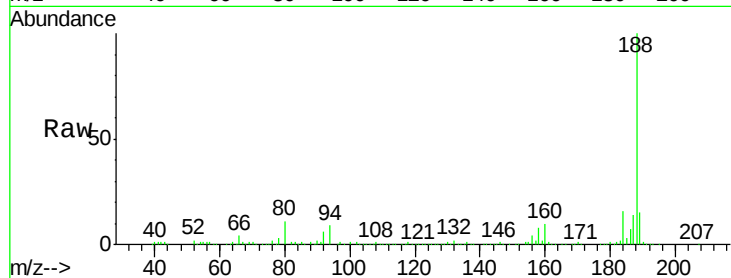




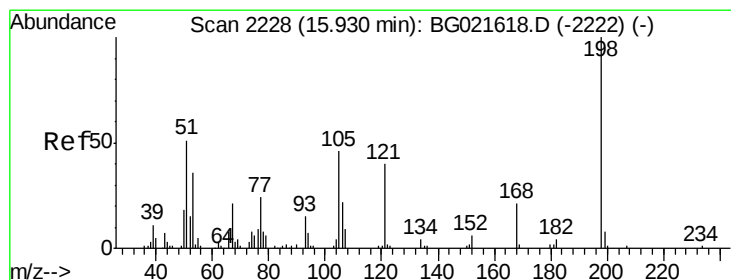
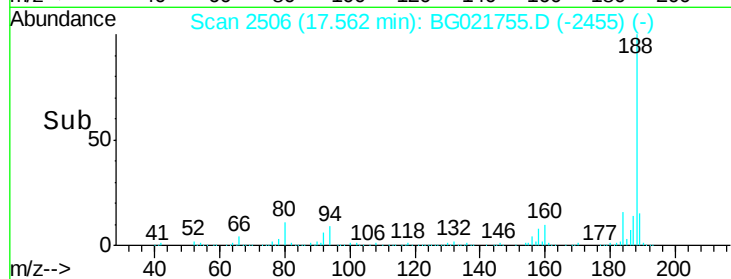
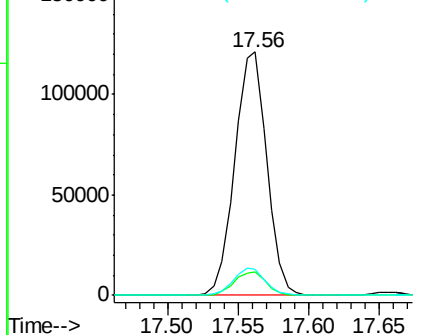
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

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

Tgt Ion:188 Resp: 191258
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.8 8.6 13.0

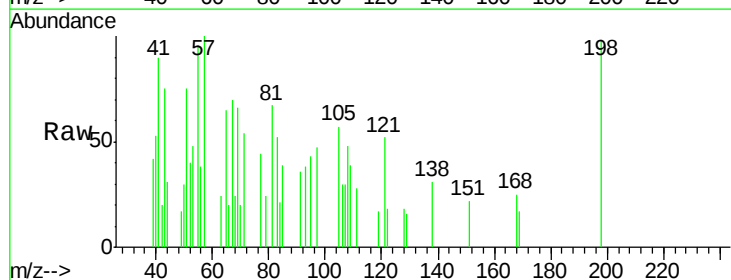


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

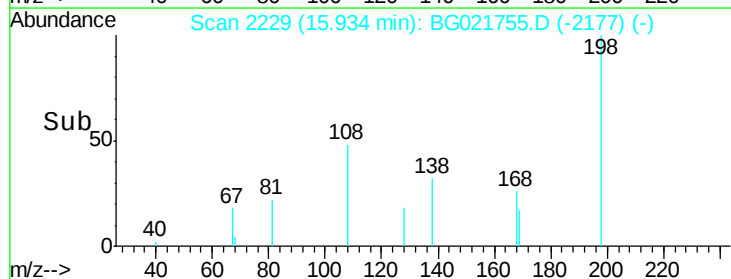
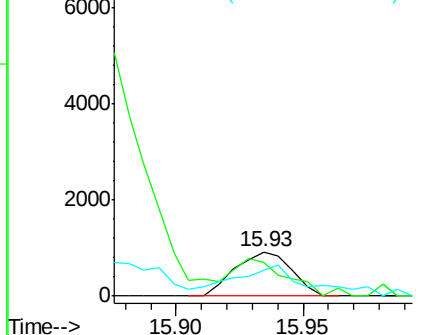


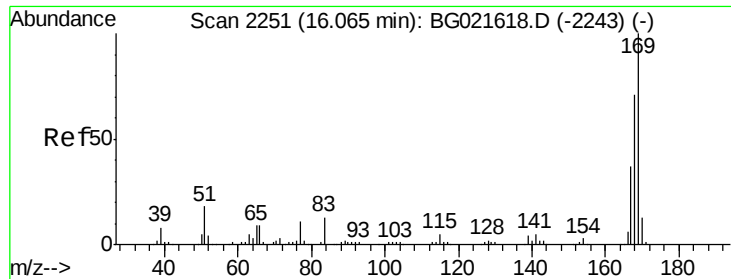
#64
4,6-Dinitro-2-methylphenol
Concen: 6.98 ng
RT: 15.93 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:198 Resp: 1423
Ion Ratio Lower Upper
198 100
51 76.2 29.2 69.2#
105 57.7 24.0 64.0



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

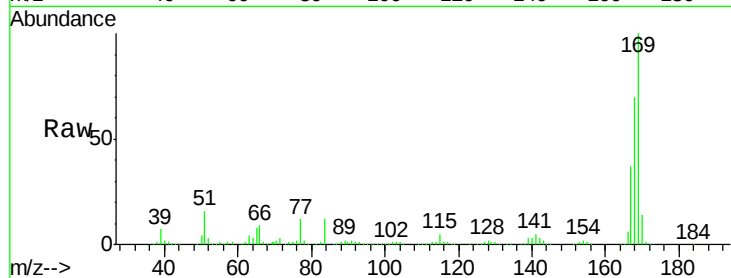




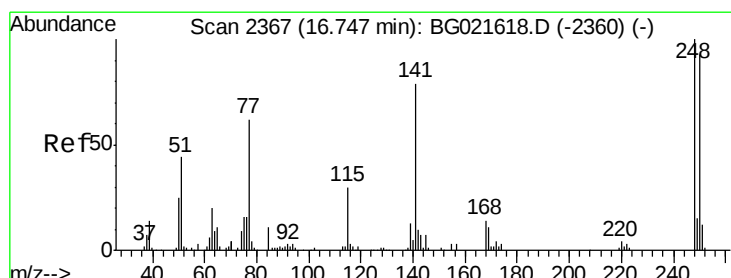
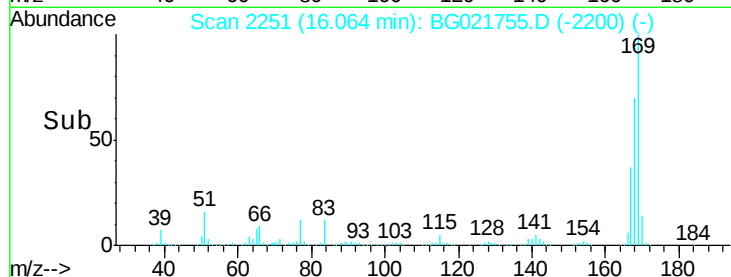
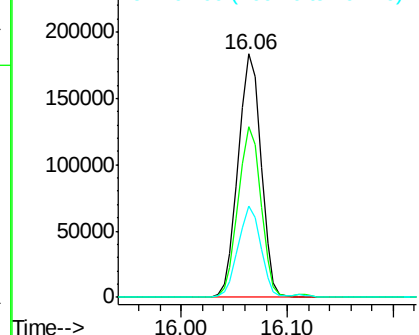
#65
 n-Nitrosodiphenylamine
 Concen: 47.77 ng
 RT: 16.06 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

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

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	59.6	89.4
167	37.4	31.2	46.8

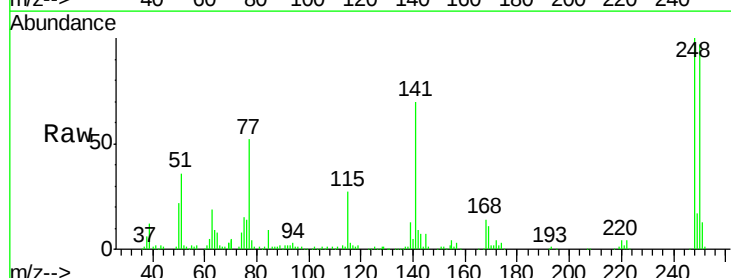


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

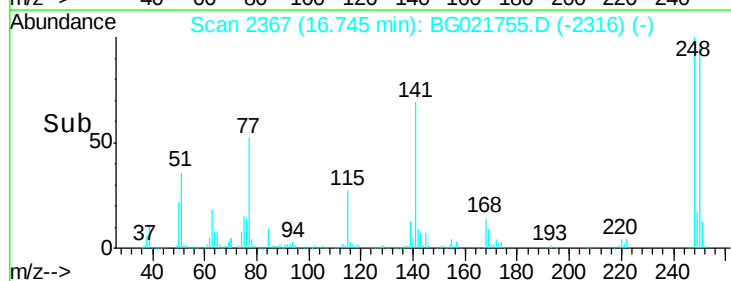
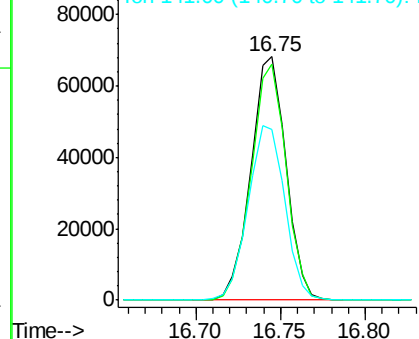


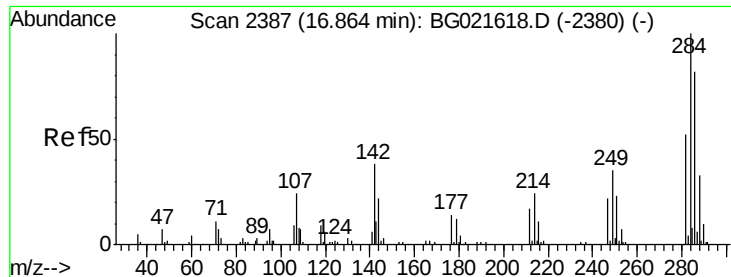
#66
 4-Bromophenyl-phenylether
 Concen: 48.27 ng
 RT: 16.75 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.6	114.8
141	70.1	63.8	95.6



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

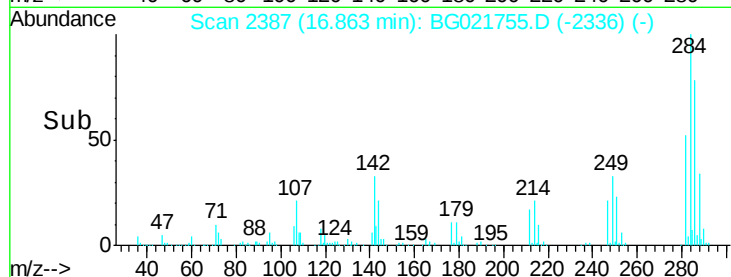
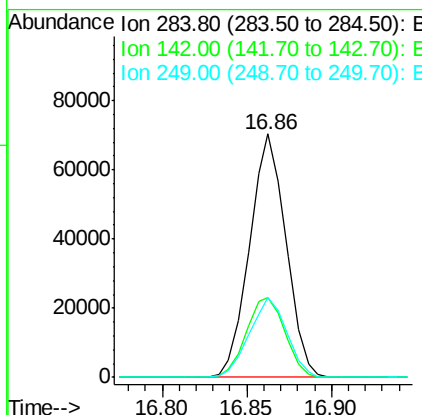
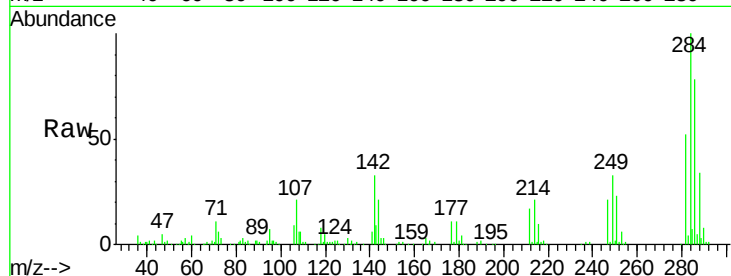




#67
Hexachlorobenzene
Concen: 48.58 ng
RT: 16.86 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

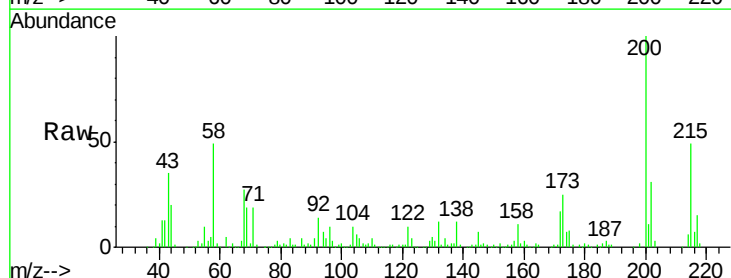
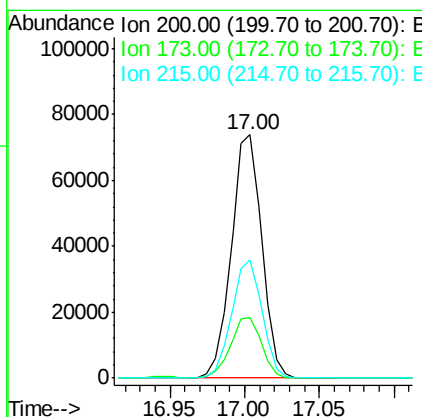
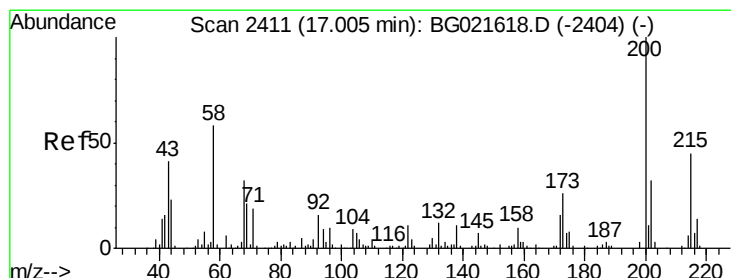
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

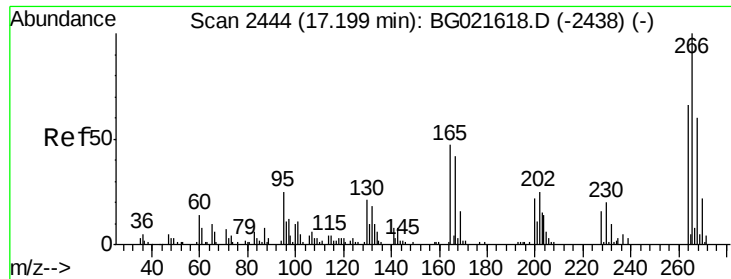
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	31.8	47.6
249	32.8	27.3	40.9



#68
Atrazine
Concen: 46.54 ng
RT: 17.00 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.1	45.1
215	48.6	28.0	68.0

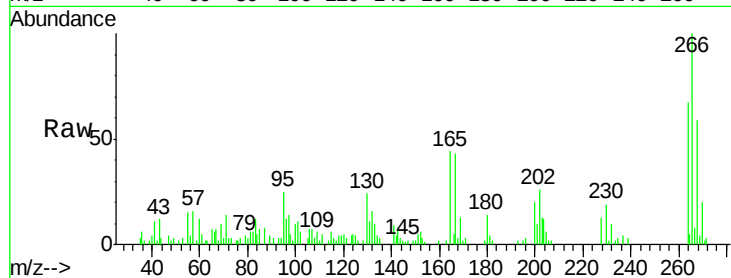




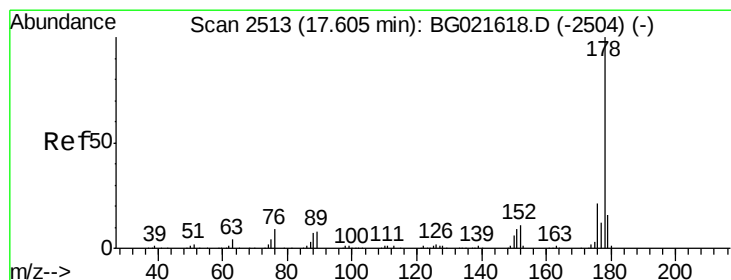
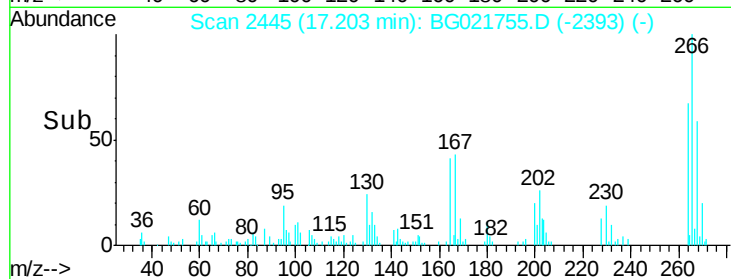
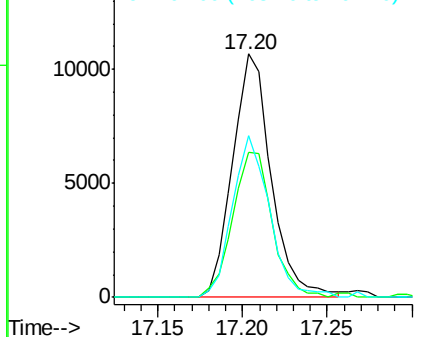
#69
 Pentachlorophenol
 Concen: 13.76 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

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

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.4	54.5	81.7
264	71.4	53.8	80.6

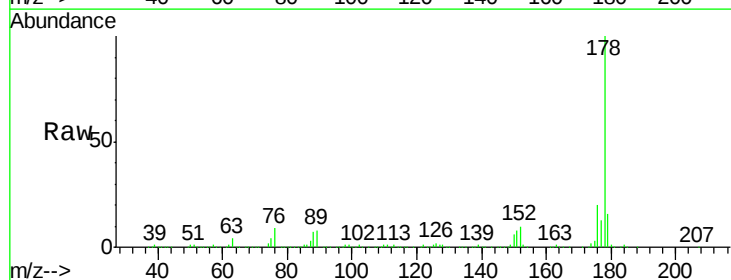


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

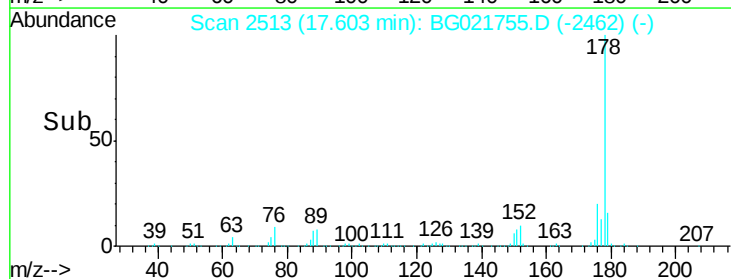
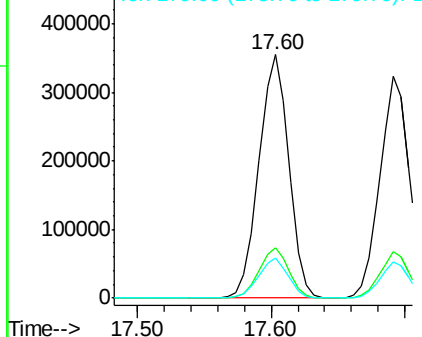


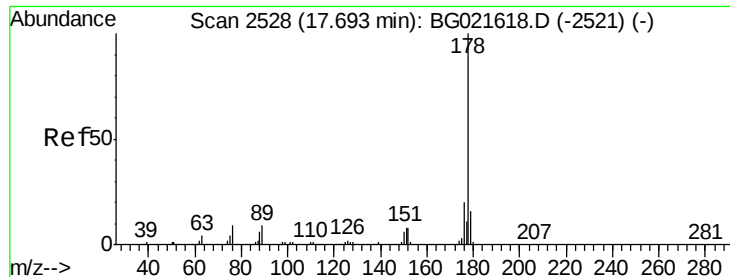
#70
 Phenanthrene
 Concen: 51.90 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.4	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

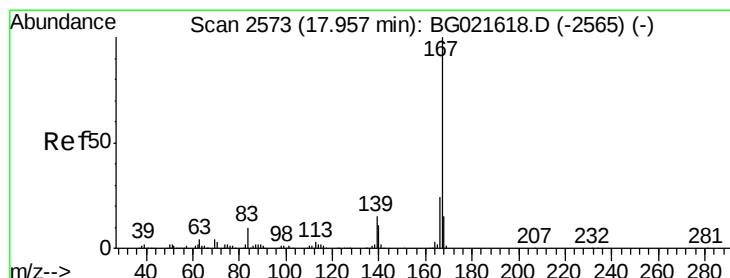
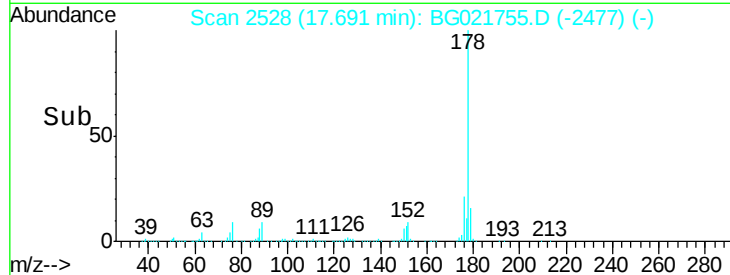
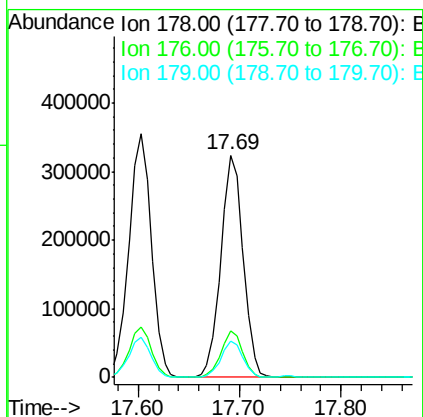
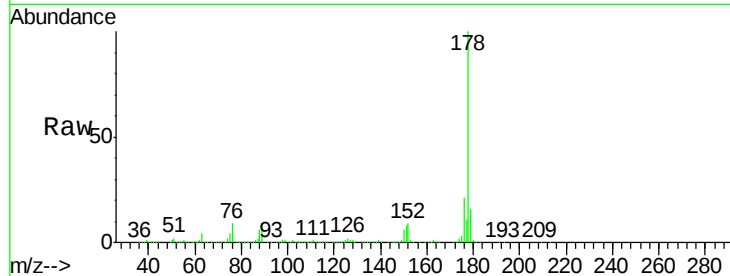




#71
 Anthracene
 Concen: 46.21 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

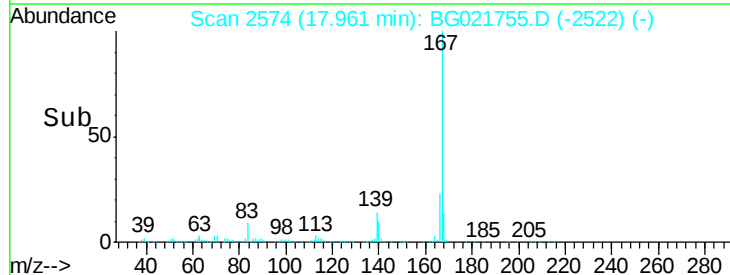
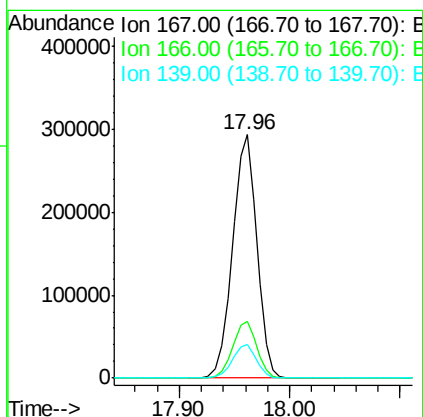
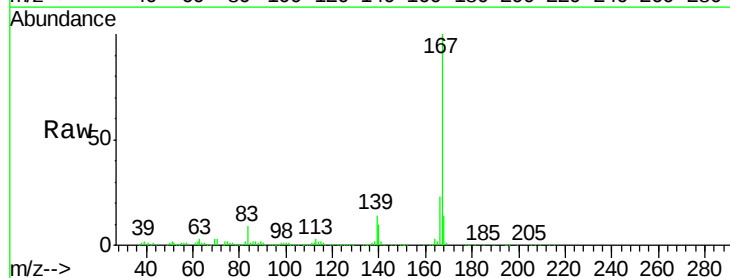
Instrument :
 BNA_G
 ClientSampleId :
 POST-EX-20-20160412MSD

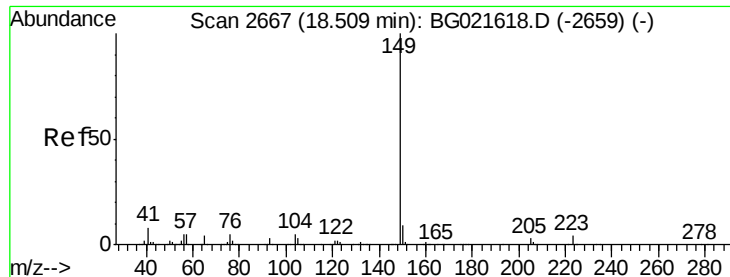
Tgt Ion:178 Resp: 494460
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.0 22.4
 179 16.5 12.2 18.4



#72
 Carbazole
 Concen: 45.45 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion:167 Resp: 453900
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.6 27.8
 139 13.9 10.6 15.8

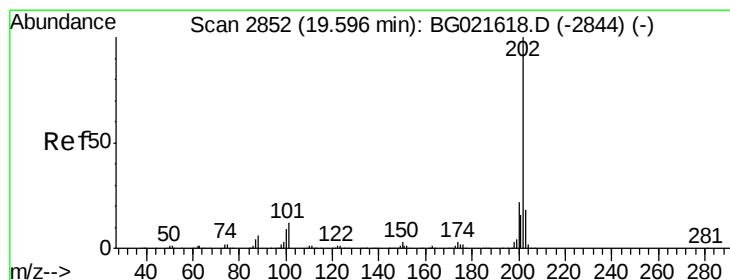
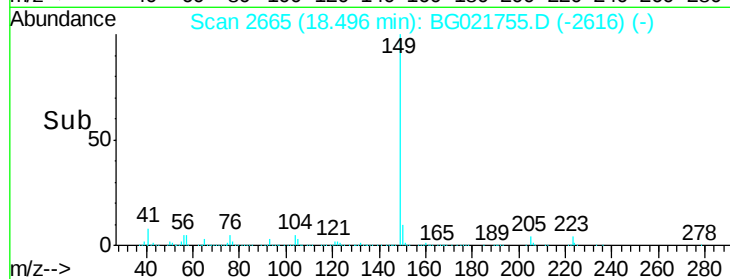
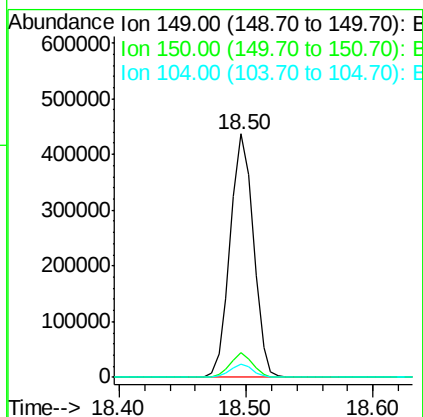
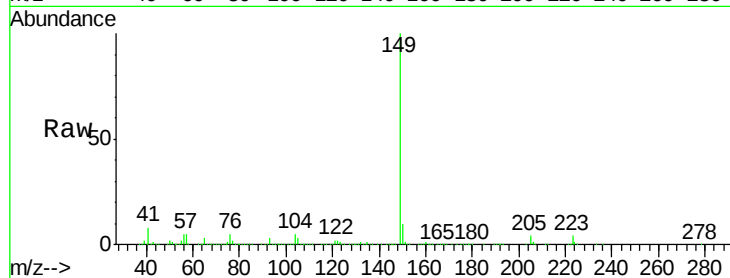




#73
Di-n-butylphthalate
Concen: 43.46 ng
RT: 18.50 min Scan# 2665
Delta R.T. -0.01 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

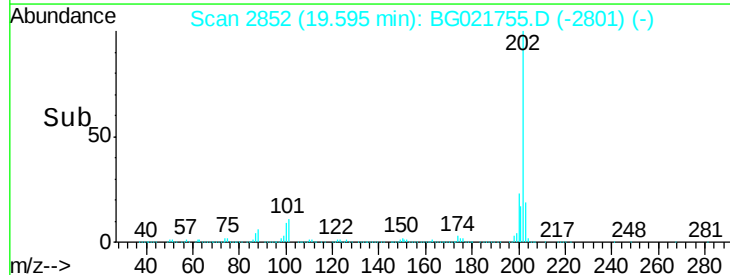
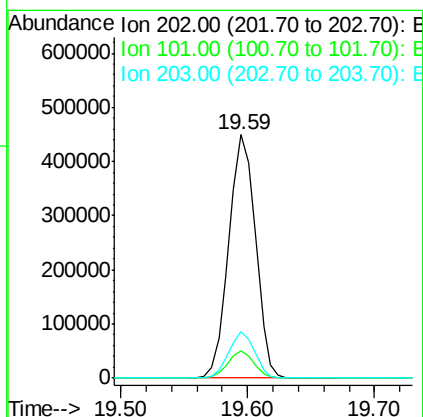
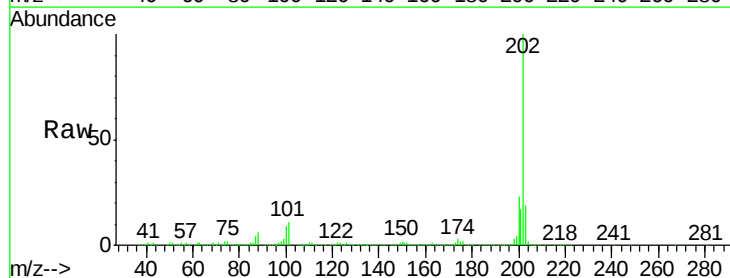
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

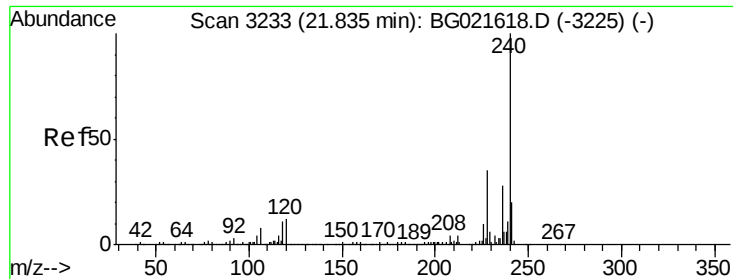
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.0
104	5.2	4.0	6.0



#74
Fluoranthene
Concen: 51.88 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
203	19.1	0.0	37.9

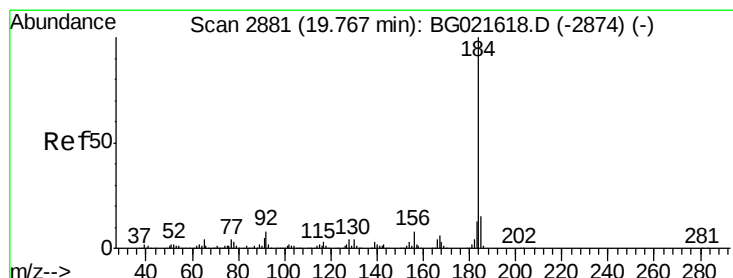
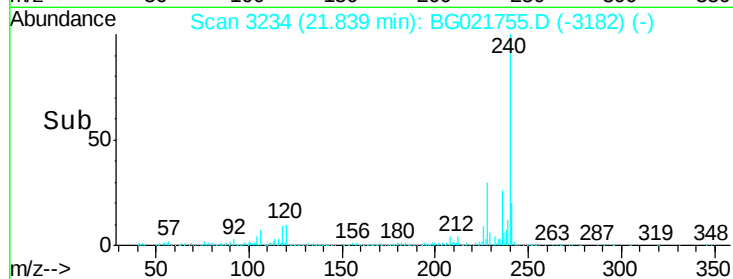
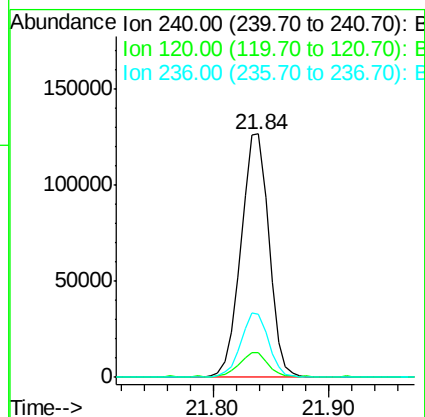
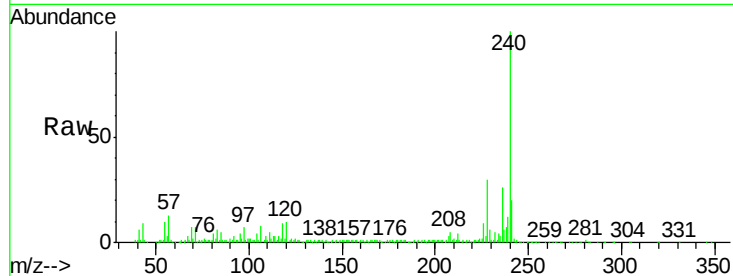




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

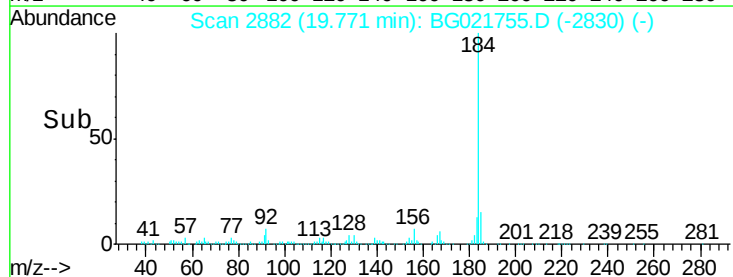
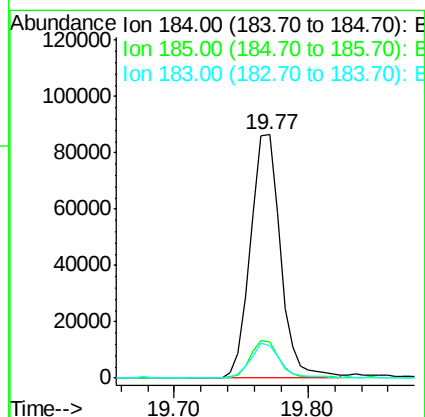
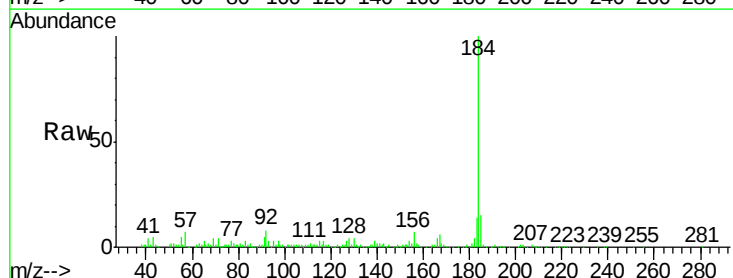
Instrument :
BNA_G
ClientSampleId :
POST-EX-20-20160412MSD

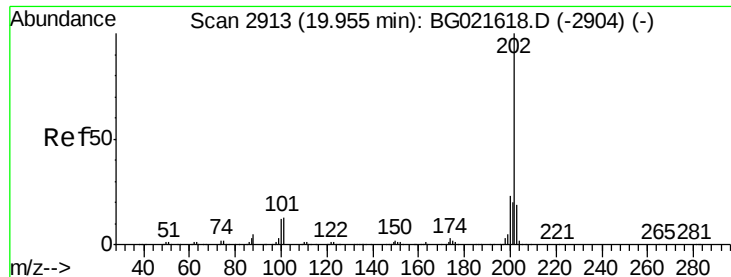
Tgt Ion:240 Resp: 213327
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.1 19.6 29.4



#76
Benzidine
Concen: 20.20 ng
RT: 19.77 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG021755.D
Acq: 19 Apr 2016 4:57

Tgt Ion:184 Resp: 134161
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 13.5 10.2 15.4





#77

Pyrene

Concen: 53.37 ng

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

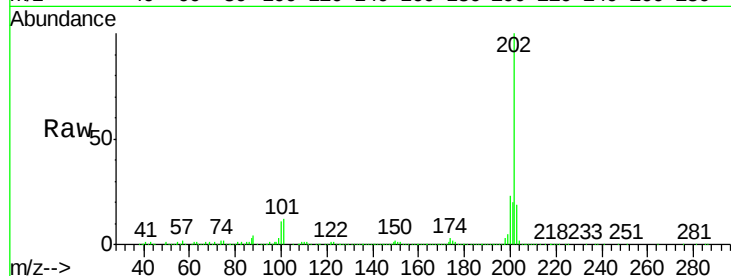
Tgt Ion: 202 Resp: 656525

Ion Ratio Lower Upper

202 100

200 23.2 18.2 27.2

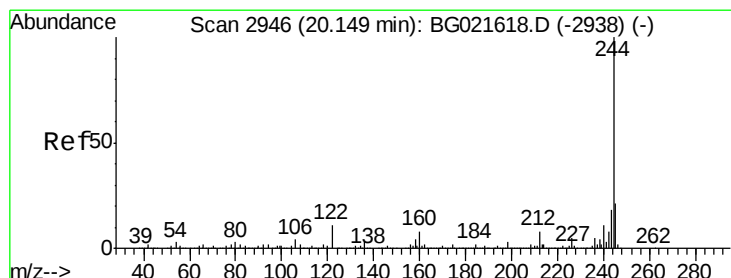
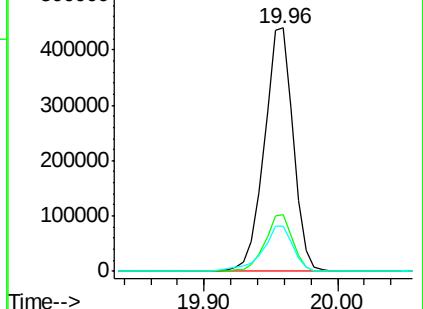
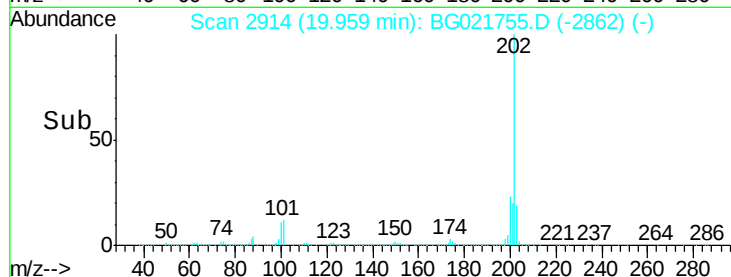
203 18.6 15.0 22.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.01 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

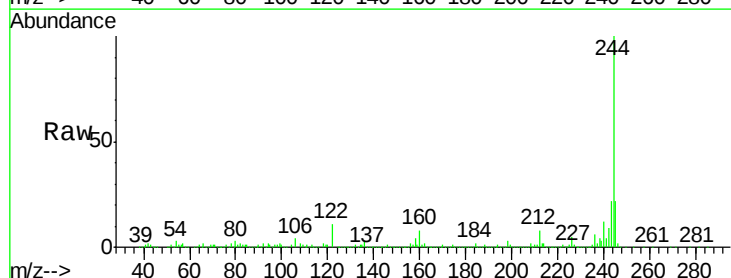
Tgt Ion: 244 Resp: 760973

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

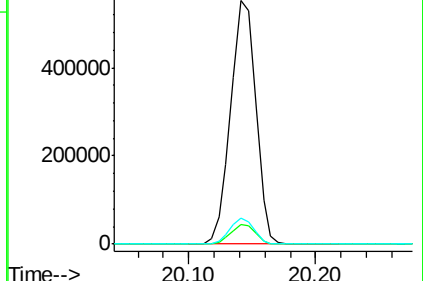
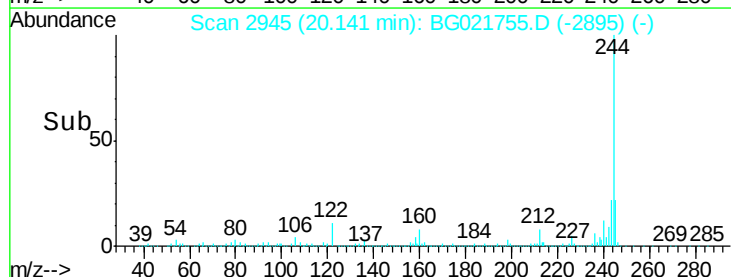
122 10.8 8.6 12.8

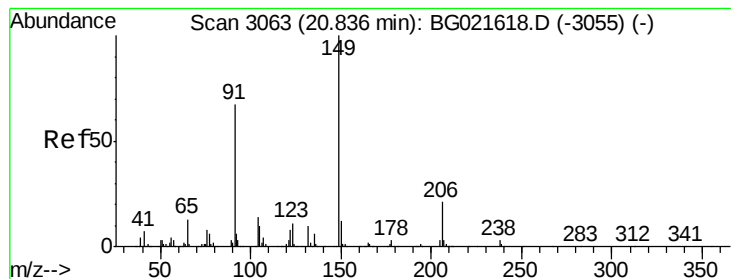


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.57 ng

RT: 20.82 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

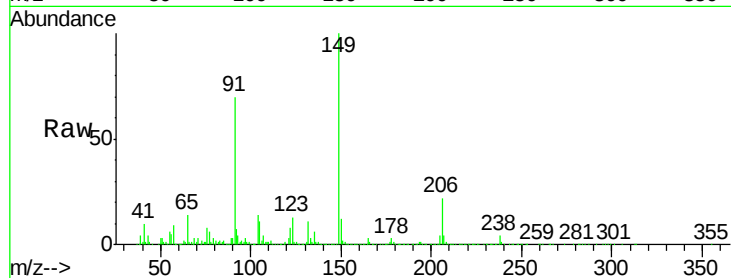
Tgt Ion:149 Resp: 254484

Ion Ratio Lower Upper

149 100

91 69.7 57.8 86.8

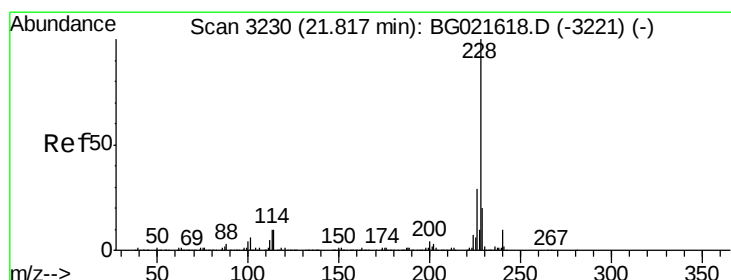
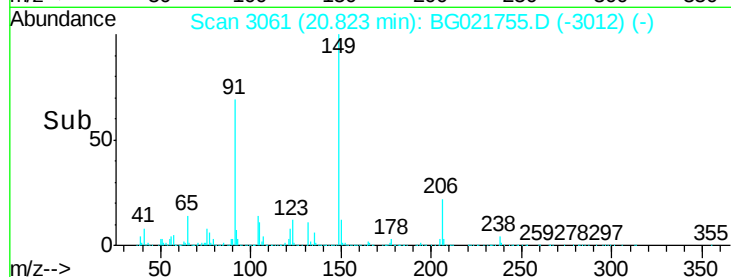
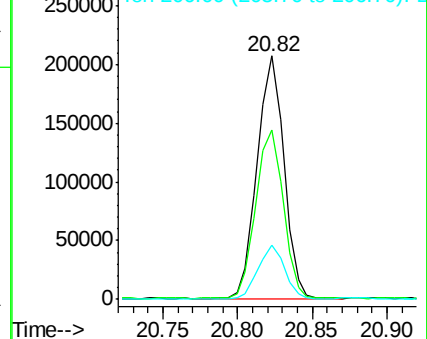
206 22.4 17.0 25.4



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: 49.79 ng

RT: 21.82 min Scan# 3230

Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

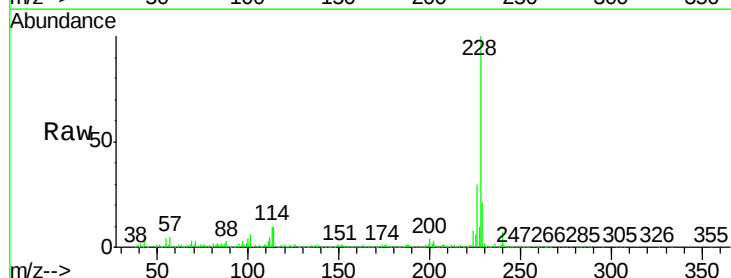
Tgt Ion:228 Resp: 611323

Ion Ratio Lower Upper

228 100

226 29.8 22.6 34.0

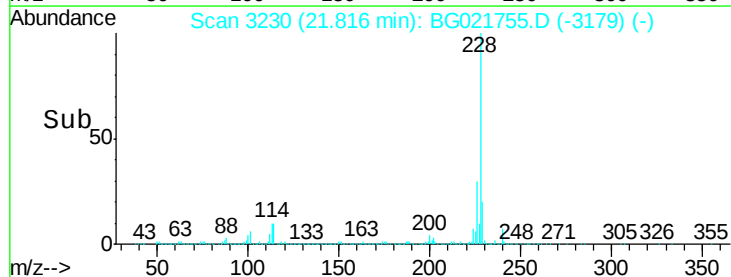
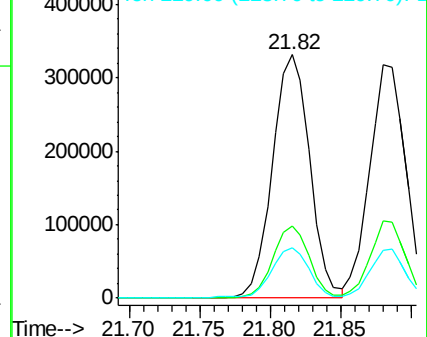
229 20.5 16.1 24.1

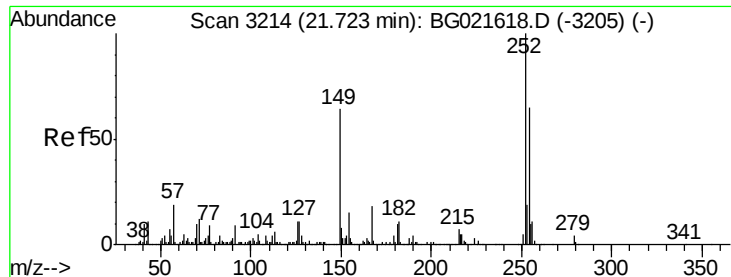


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

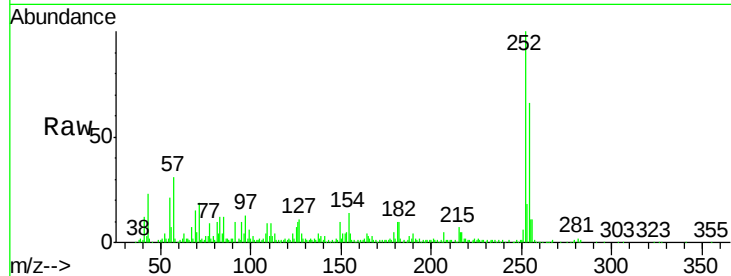




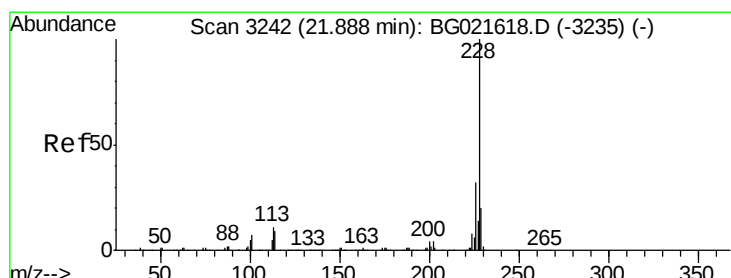
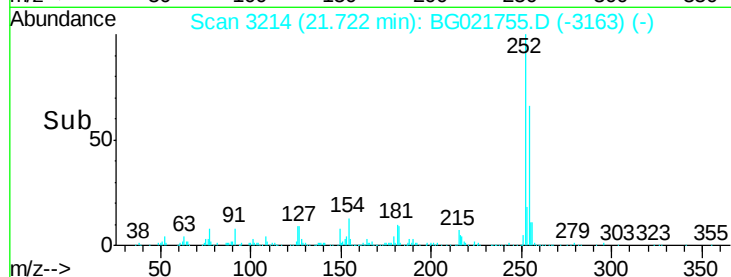
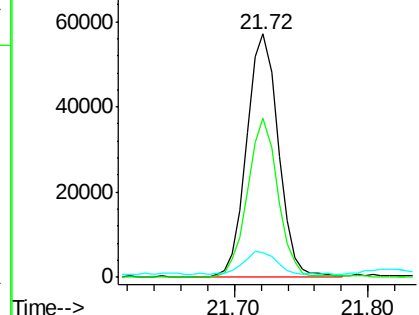
#81
 3,3'-Dichlorobenzidine
 Concen: 9.65 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

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

Tgt Ion: 252 Resp: 93787
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.8 77.6
 126 10.3 8.8 13.2

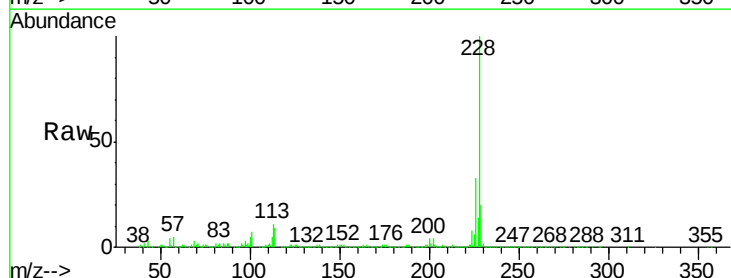


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

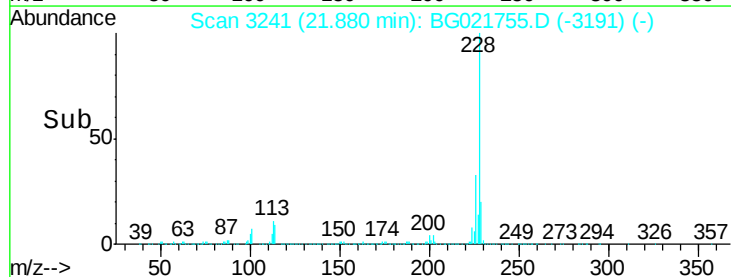
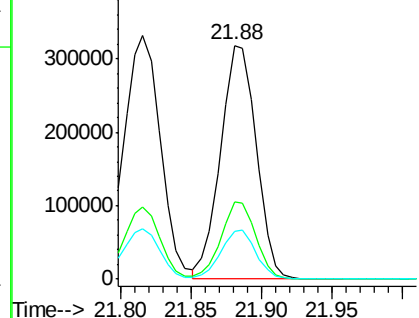


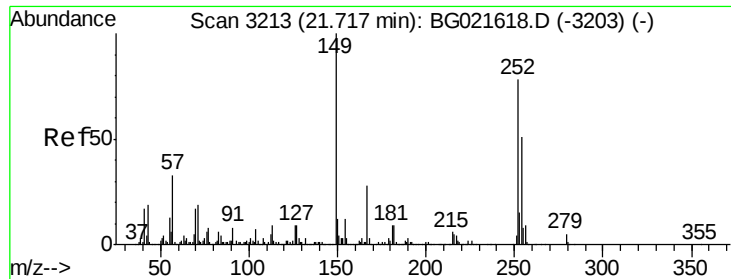
#82
 Chrysene
 Concen: 47.26 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion: 228 Resp: 557416
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.4 38.0
 229 20.4 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

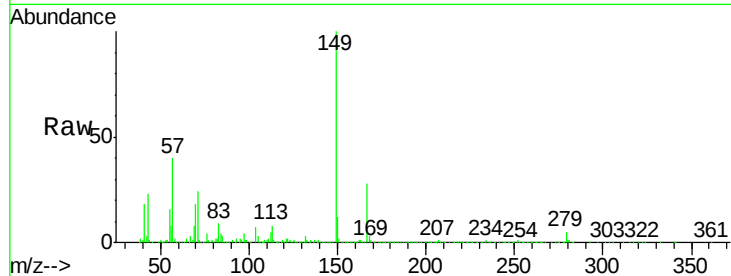




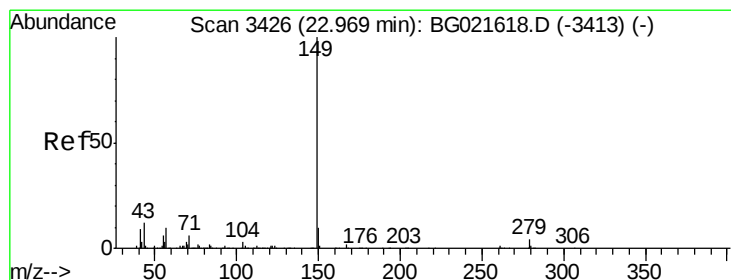
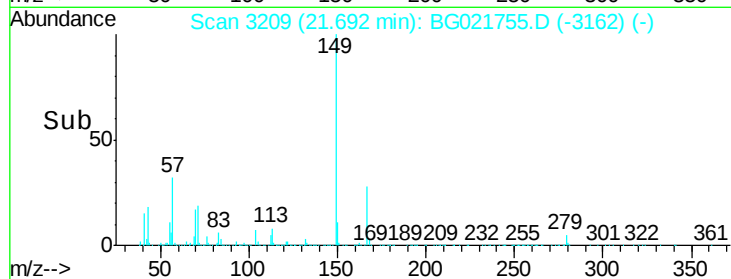
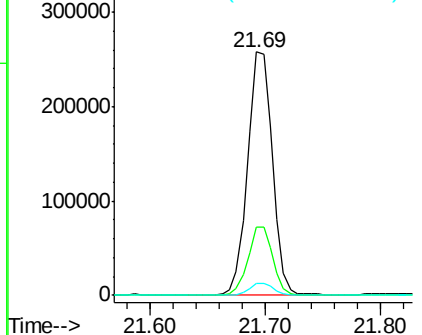
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.55 ng
 RT: 21.69 min Scan# 3209
 Delta R.T. -0.03 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

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

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.8	3.2	4.8#

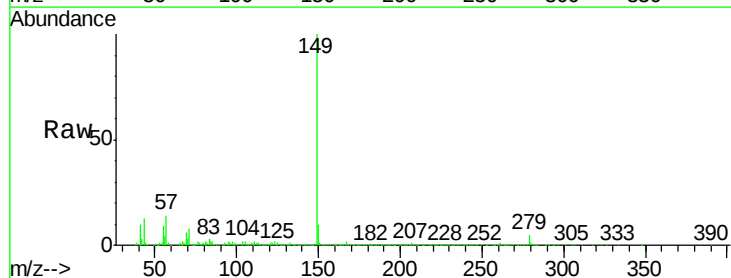


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

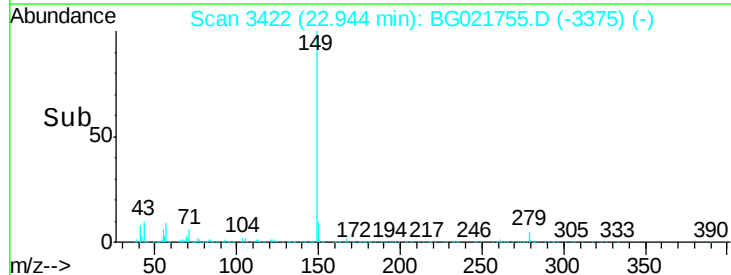
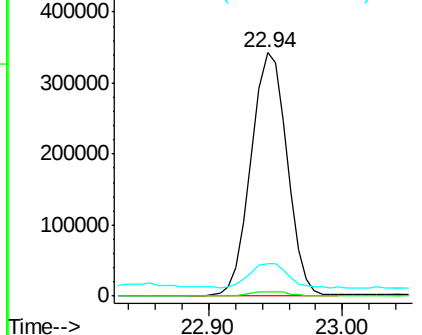


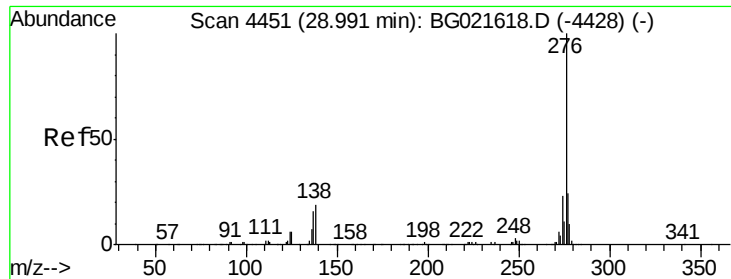
#84
 Di-n-octyl phthalate
 Concen: 45.48 ng
 RT: 22.94 min Scan# 3422
 Delta R.T. -0.03 min
 Lab File: BG021755.D
 Acq: 19 Apr 2016 4:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.51 ng

RT: 29.00 min Scan# 4453

Delta R.T. 0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

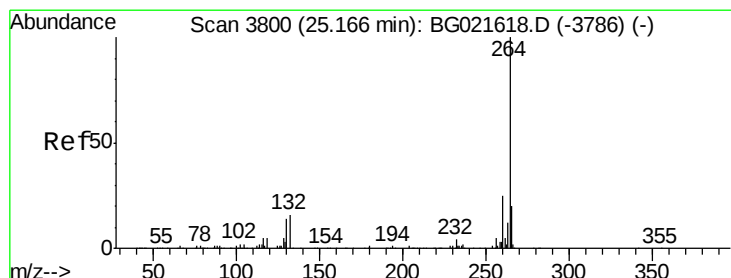
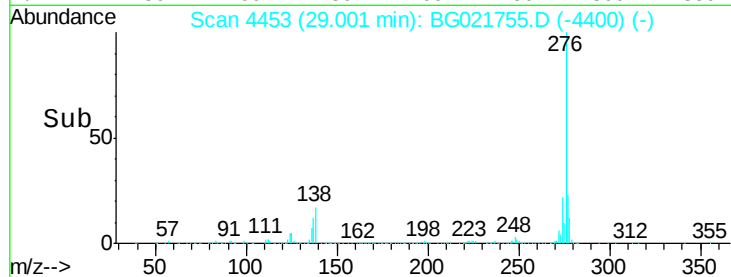
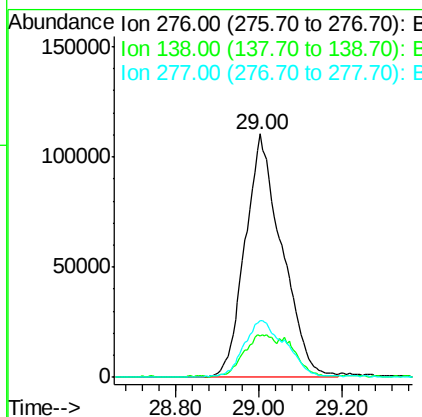
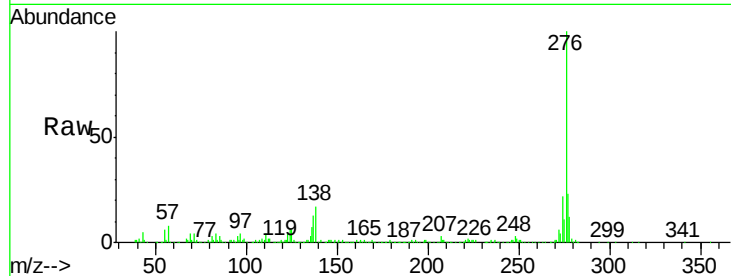
Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

Tgt Ion:	276	Resp:	680196
Ion	Ratio	Lower	Upper
276	100		
138	14.2	14.0	21.0
277	25.9	20.6	30.8



#86

Perylene-d12

Concen: 20.00 ng

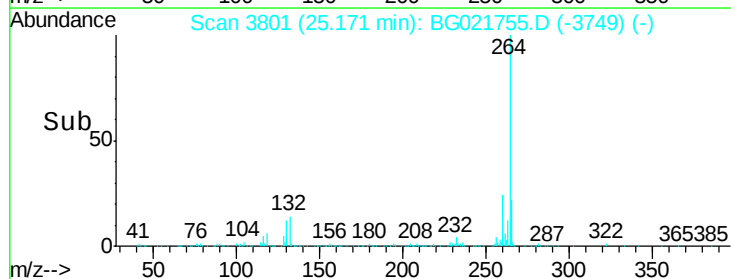
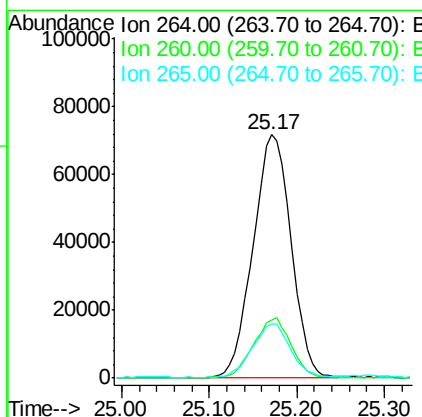
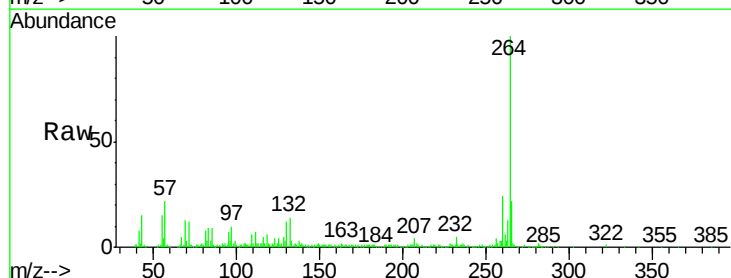
RT: 25.17 min Scan# 3801

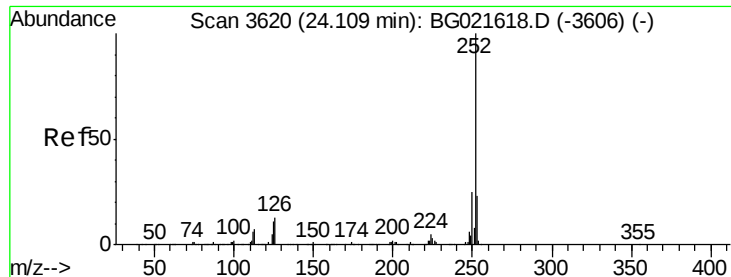
Delta R.T. 0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Tgt Ion:	264	Resp:	214416
Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.4
265	22.2	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 48.54 ng

RT: 24.11 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

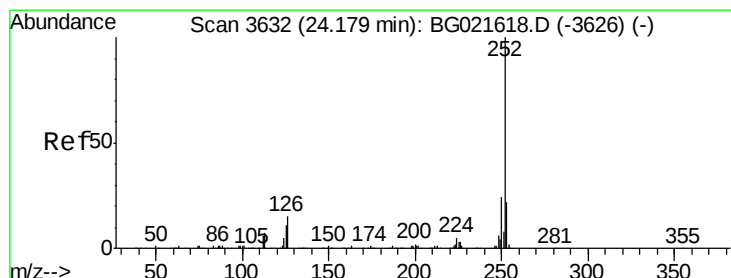
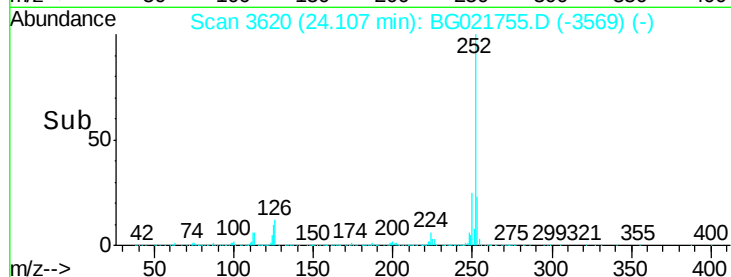
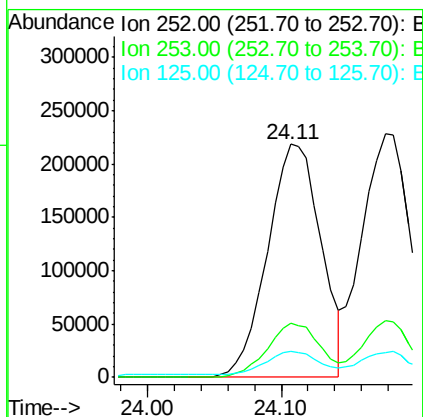
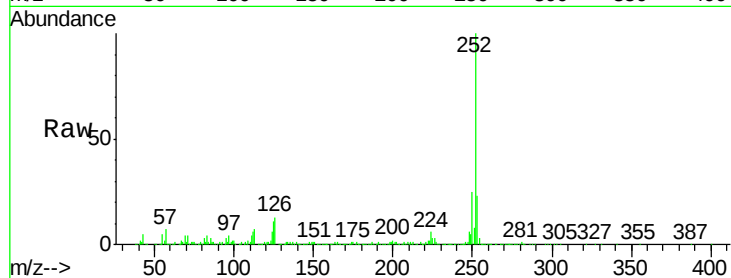
Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

Tgt Ion:	252	Resp:	603927
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.0	8.6	13.0



#88

Benzo(k)fluoranthene

Concen: 47.28 ng

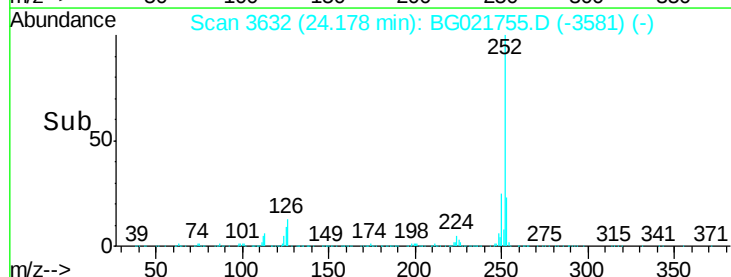
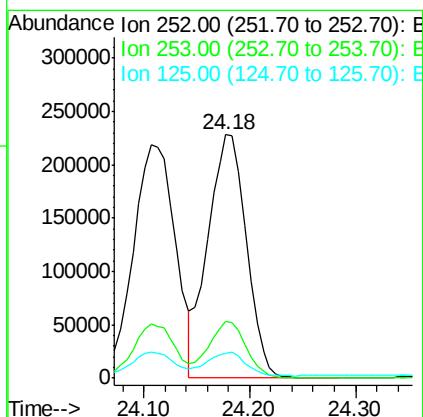
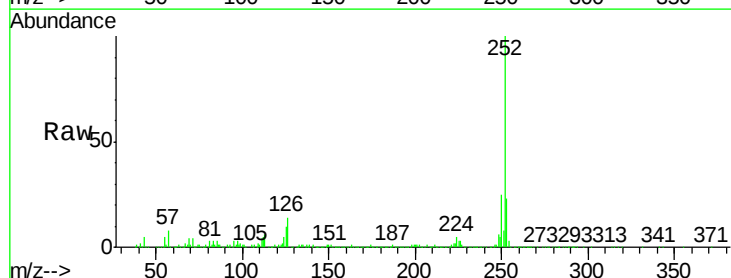
RT: 24.18 min Scan# 3632

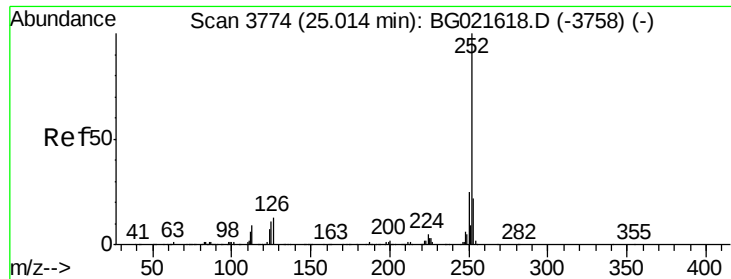
Delta R.T. -0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Tgt Ion:	252	Resp:	575162
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	10.3	8.3	12.5





#89

Benzo(a)pyrene

Concen: 48.43 ng

RT: 25.02 min Scan# 3775

Delta R.T. 0.00 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD

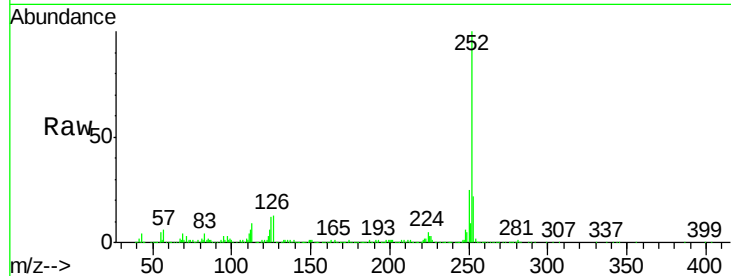
Tgt Ion:252 Resp: 583771

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

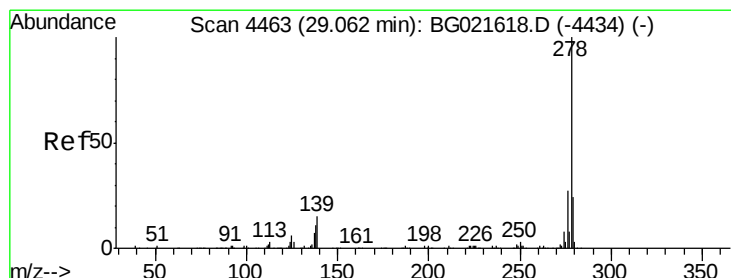
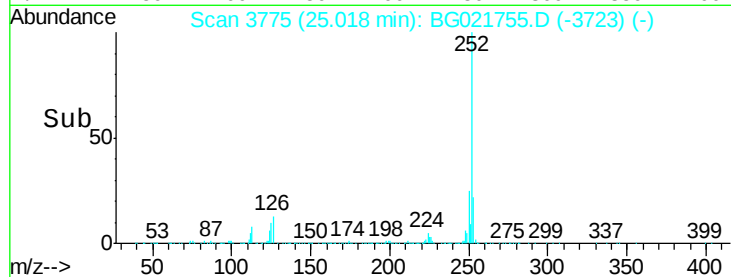
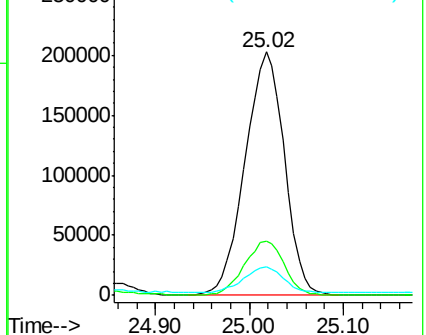
125 11.6 9.6 14.4



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: 45.41 ng

RT: 29.07 min Scan# 4465

Delta R.T. 0.01 min

Lab File: BG021755.D

Acq: 19 Apr 2016 4:57

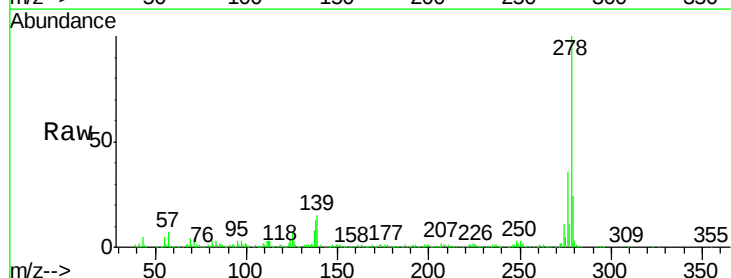
Tgt Ion:278 Resp: 548846

Ion Ratio Lower Upper

278 100

139 14.7 11.9 17.9

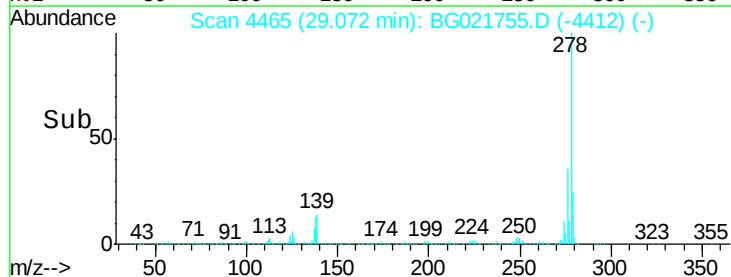
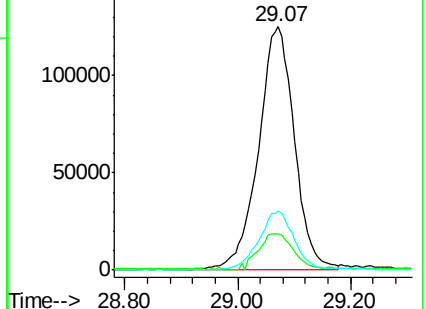
279 24.3 18.2 27.2

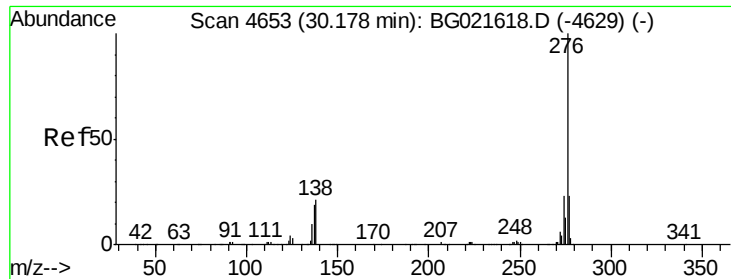


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.25 ng

RT: 30.21 min Scan# 4659

Delta R.T. 0.03 min

Lab File: BG021755.D

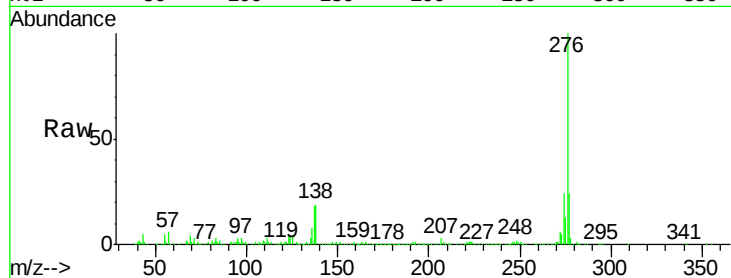
Acq: 19 Apr 2016 4:57

Instrument :

BNA_G

ClientSampleId :

POST-EX-20-20160412MSD



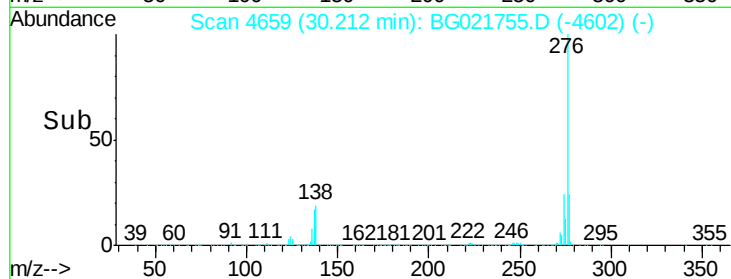
Tgt Ion: 276 Resp: 572249

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 19.0 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

