

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035804.D
 Acq On : 21 Jul 2018 4:33
 Operator : JU/SJ
 Sample : J3820-06MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

Quant Time: Jul 23 00:59:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49435	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	175104	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	124433	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	319863	20.00	ng	0.00
75) Chrysene-d12	21.66	240	343602	20.00	ng	0.00
86) Perylene-d12	24.86	264	336763	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	415417	139.51	ng	0.00
7) Phenol-d6	7.21	99	552543	124.38	ng	0.00
23) Nitrobenzene-d5	9.19	82	416716	99.42	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	268946	163.98	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	923697	99.45	ng	0.00
78) Terphenyl-d14	20.00	244	1625974	104.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	49338	32.556	ng	# 71
3) Pyridine	3.93	79	104449	26.400	ng	# 73
4) n-Nitrosodimethylamine	3.84	42	60186	35.429	ng	# 82
6) Aniline	7.36	93	66526	11.553	ng	94
8) 2-Chlorophenol	7.60	128	140134	46.274	ng	97
9) Benzaldehyde	7.17	77	45525	16.701	ng	94
10) Phenol	7.23	94	181836	40.513	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	149141	42.430	ng	88
12) 1,3-Dichlorobenzene	7.92	146	163444	44.693	ng	95
13) 1,4-Dichlorobenzene	8.06	146	166333	44.765	ng	98
14) 1,2-Dichlorobenzene	8.38	146	159051	44.557	ng	94
15) Benzyl Alcohol	8.27	79	162876	40.373	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.56	45	165731	56.240	ng	77
17) 2-Methylphenol	8.48	107	133063	43.605	ng	90
18) Hexachloroethane	9.11	117	62995	44.340	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	135208	36.142	ng	# 85
20) 3+4-Methylphenols	8.80	107	180495	42.636	ng	96
22) Acetophenone	8.85	105	246718	45.309	ng	# 91
24) Nitrobenzene	9.23	77	198781	47.155	ng	97
25) Isophorone	9.75	82	381235	48.995	ng	99
26) 2-Nitrophenol	9.94	139	84739	56.601	ng	# 91
27) 2,4-Dimethylphenol	10.00	122	145940	57.587	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	203807	47.534	ng	99
29) 2,4-Dichlorophenol	10.48	162	159205	55.034	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	179393	50.572	ng	99
31) Naphthalene	10.88	128	441487	48.402	ng	98
32) Benzoic acid	10.16	122	66537	39.001	ng	94
33) 4-Chloroaniline	11.01	127	12030	3.026	ng	# 84
34) Hexachlorobutadiene	11.17	225	138163	49.948	ng	97
35) Caprolactam	11.78	113	23415	18.861	ng	# 73
36) 4-Chloro-3-methylphenol	12.12	107	190333	49.085	ng	95
37) 2-Methylnaphthalene	12.48	142	342551	50.408	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	230017	48.976	ng	98
40) Hexachlorocyclopentadiene	12.83	237	298364	121.135	ng	91

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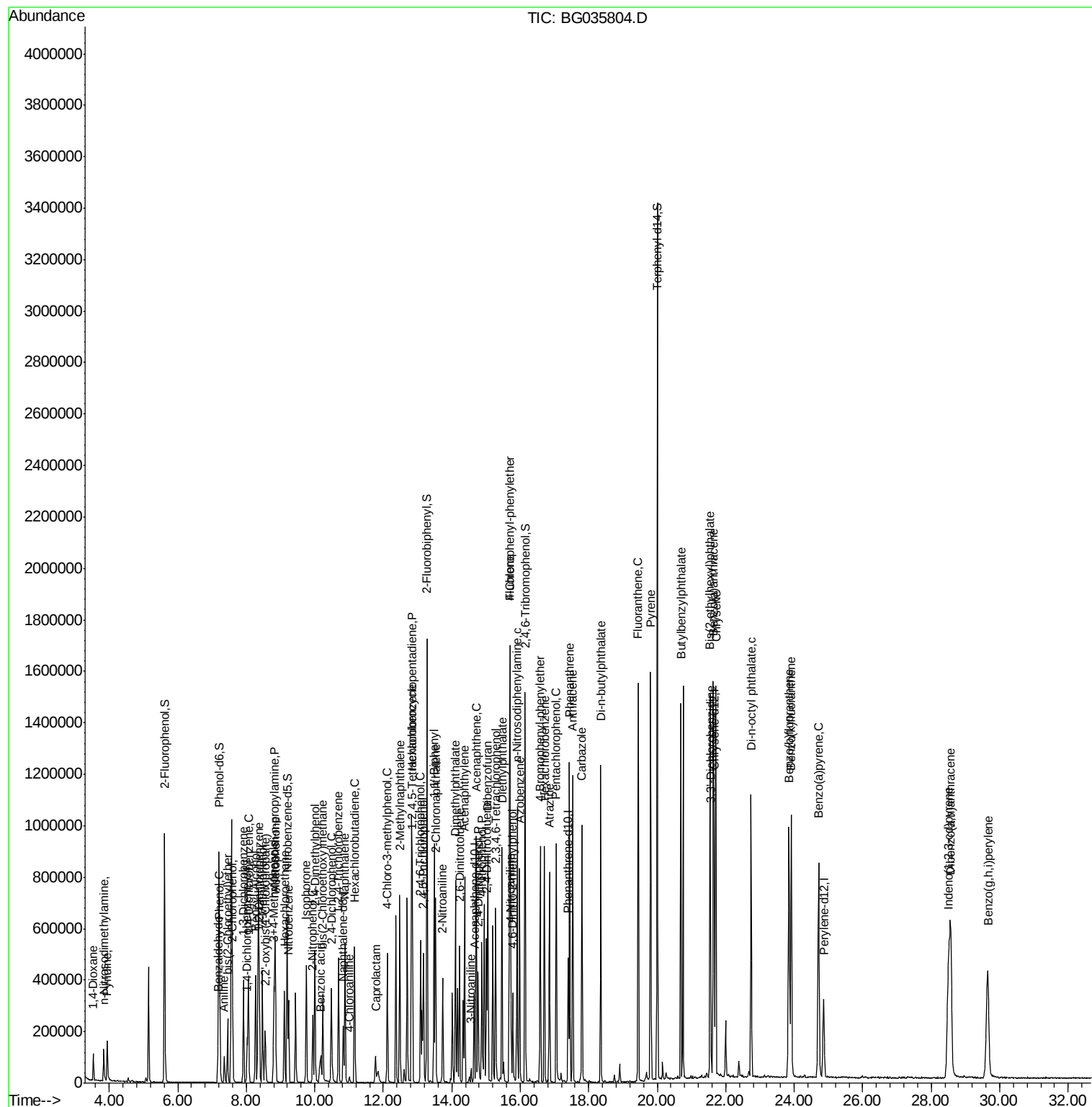
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	150356	54.744	ng	94
43) 2,4,5-Trichlorophenol	13.17	196	160750	52.318	ng	94
45) 1,1'-Biphenyl	13.49	154	471144	48.837	ng	98
46) 2-Chloronaphthalene	13.53	162	365891	48.759	ng	99
47) 2-Nitroaniline	13.74	65	122472	46.165	ng	89
48) Acenaphthylene	14.38	152	606536	48.252	ng	96
49) Dimethylphthalate	14.11	163	512779	47.035	ng	99
50) 2,6-Dinitrotoluene	14.23	165	116296	52.383	ng	90
51) Acenaphthene	14.72	154	358897	45.834	ng	98
52) 3-Nitroaniline	14.57	138	14973	6.599	ng #	96
53) 2,4-Dinitrophenol	14.77	184	112095	96.690	ng #	65
54) Dibenzofuran	15.05	168	588438	47.252	ng	94
55) 4-Nitrophenol	14.88	139	153235	94.826	ng #	88
56) 2,4-Dinitrotoluene	15.01	165	166883	52.396	ng	88
57) Fluorene	15.70	166	492329	47.169	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	150999	51.257	ng	94
59) Diethylphthalate	15.47	149	503542	44.918	ng	99
60) 4-Chlorophenyl-phenylether	15.69	204	286565	46.712	ng	98
61) 4-Nitroaniline	15.72	138	97232	40.965	ng #	83
62) Azobenzene	15.98	77	498811	45.110	ng	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	86487	48.573	ng	80
65) n-Nitrosodiphenylamine	15.91	169	436837	47.980	ng	99
66) 4-Bromophenyl-phenylether	16.58	248	189603	51.093	ng	96
67) Hexachlorobenzene	16.71	284	195350	51.118	ng	95
68) Atrazine	16.85	200	178076	47.505	ng	96
69) Pentachlorophenol	17.05	266	179034	76.914	ng	96
70) Phenanthrene	17.44	178	792417	49.648	ng	97
71) Anthracene	17.53	178	804172	50.601	ng	98
72) Carbazole	17.80	167	737134	48.840	ng	99
73) Di-n-butylphthalate	18.35	149	846947	47.487	ng #	97
74) Fluoranthene	19.44	202	1041862	48.462	ng	97
77) Pyrene	19.81	202	1047066	48.193	ng	95
79) Butylbenzylphthalate	20.69	149	401410	51.665	ng	95
80) Benzo(a)anthracene	21.64	228	1056087	49.321	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	137555	18.424	ng	94
82) Chrysene	21.71	228	1002175	50.507	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	556864	52.720	ng	98
84) Di-n-octyl phthalate	22.74	149	953715	53.926	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1151532	52.418	ng #	85
87) Benzo(b)fluoranthene	23.84	252	1029298	50.287	ng #	97
88) Benzo(k)fluoranthene	23.91	252	987796	49.363	ng #	96
89) Benzo(a)pyrene	24.72	252	992059	52.098	ng #	96
90) Dibenzo(a,h)anthracene	28.57	278	956513	51.165	ng #	95
91) Benzo(g,h,i)perylene	29.65	276	960329	52.496	ng #	93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

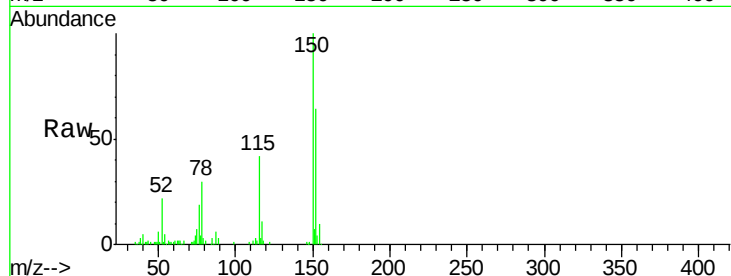
Tgt Ion:152 Resp: 49435

Ion Ratio Lower Upper

152 100

150 155.4 126.6 189.8

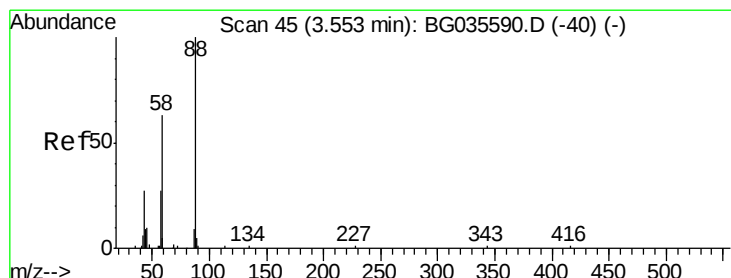
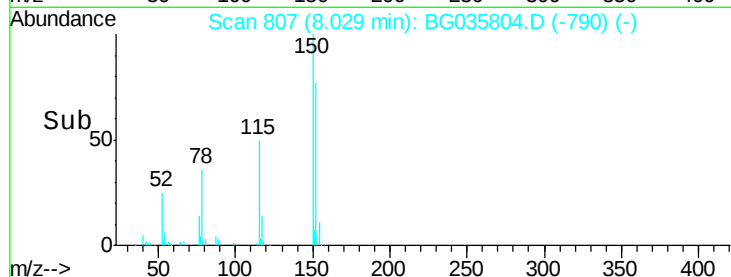
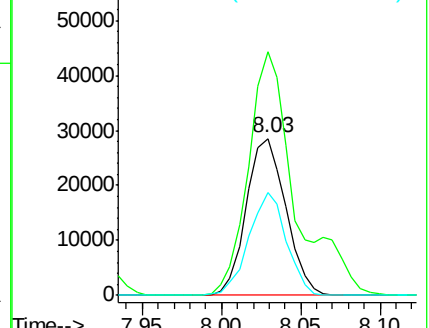
115 65.5 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.556 ng

RT: 3.53 min Scan# 42

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

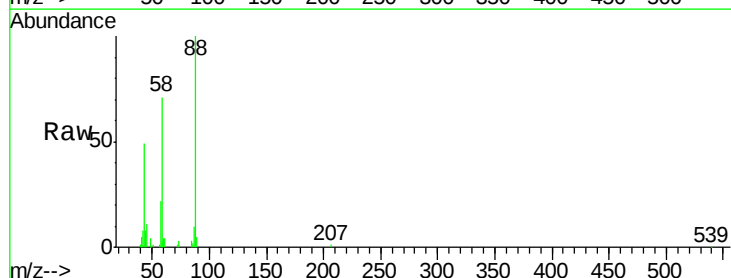
Tgt Ion: 88 Resp: 49338

Ion Ratio Lower Upper

88 100

58 69.7 79.6 119.4#

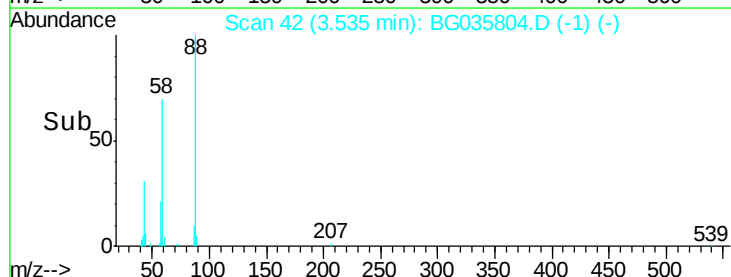
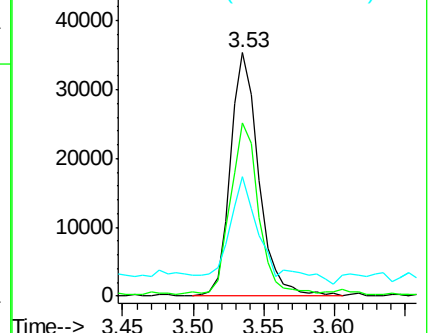
43 49.0 27.4 41.0#

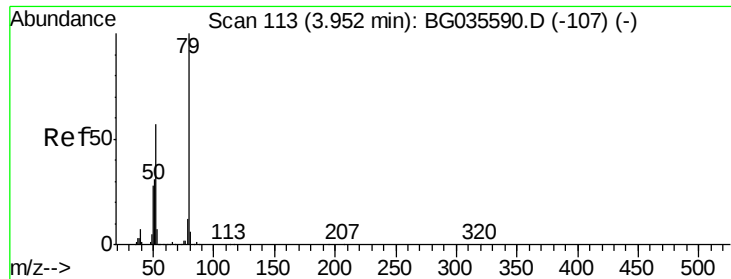


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.400 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

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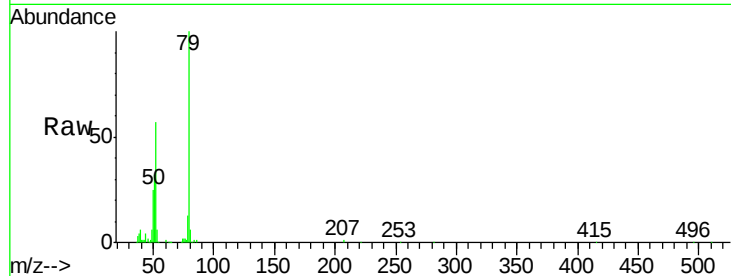
Tgt Ion: 79 Resp: 104449

Ion Ratio Lower Upper

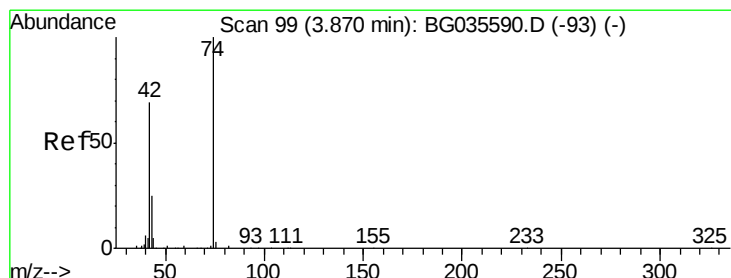
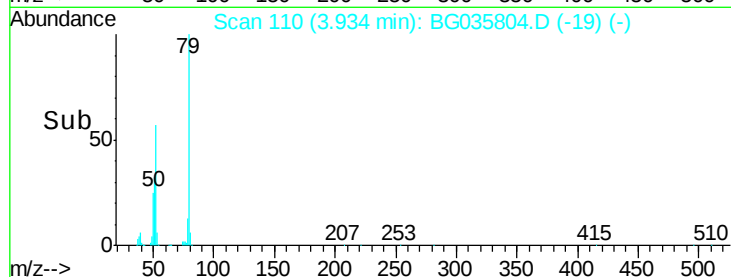
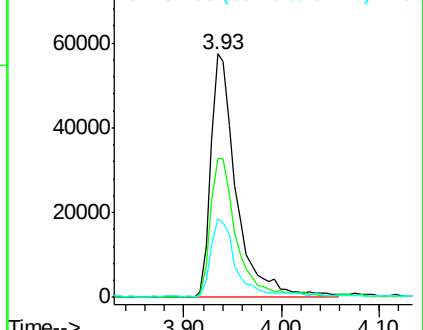
79 100

52 57.1 69.9 104.9#

51 32.4 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.429 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

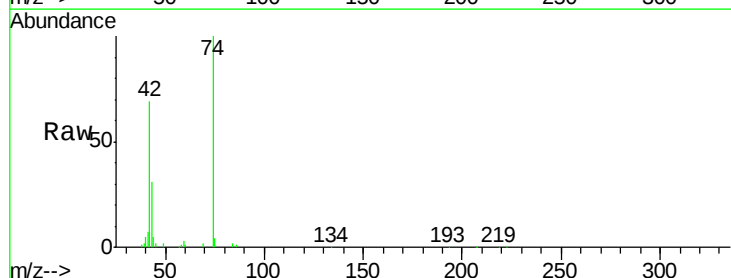
Tgt Ion: 42 Resp: 60186

Ion Ratio Lower Upper

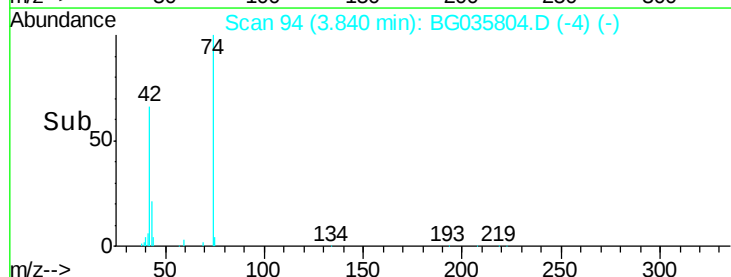
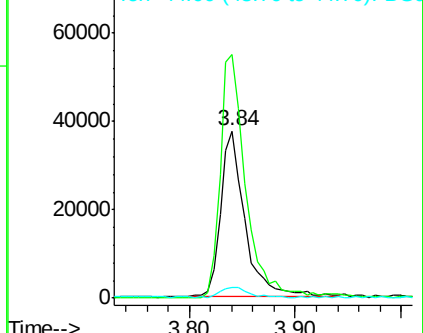
42 100

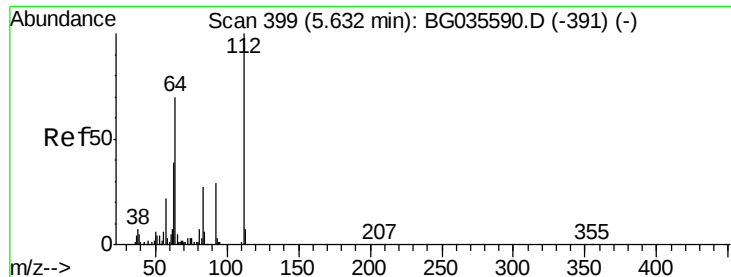
74 145.6 102.5 153.7

44 6.6 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 139.514 ng

RT: 5.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG035804.D

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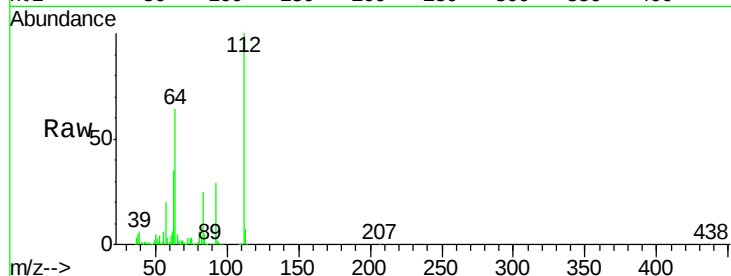
Tgt Ion: 112 Resp: 415417

Ion Ratio Lower Upper

112 100

64 63.9 56.3 84.5

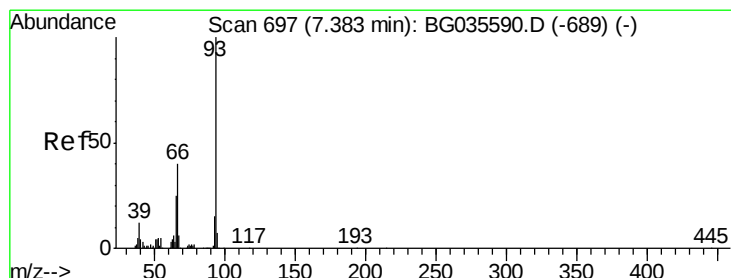
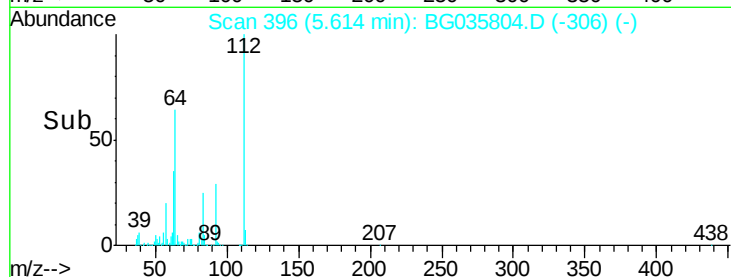
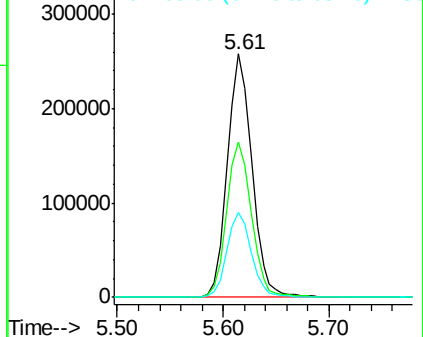
63 34.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.553 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

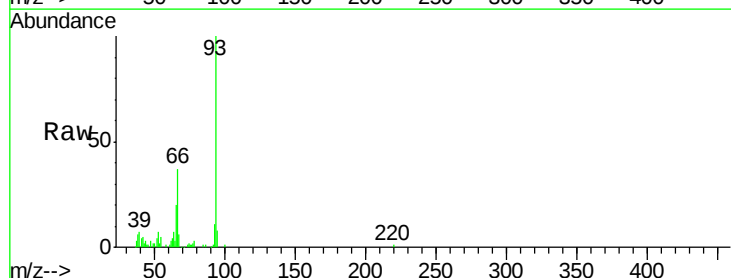
Tgt Ion: 93 Resp: 66526

Ion Ratio Lower Upper

93 100

66 36.7 33.7 50.5

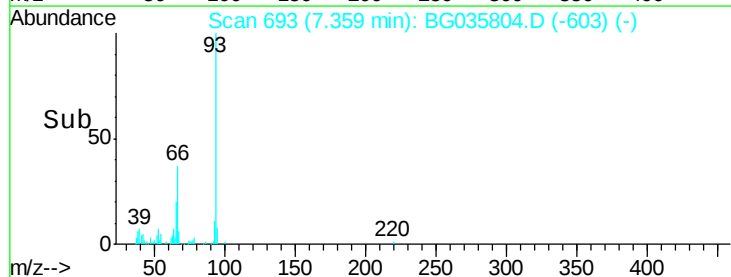
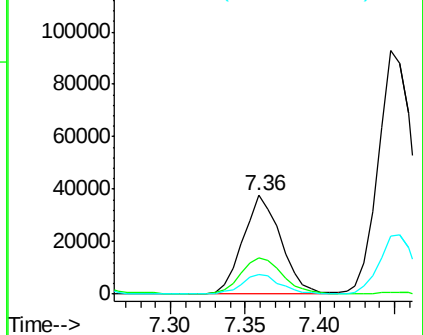
65 19.9 16.1 24.1

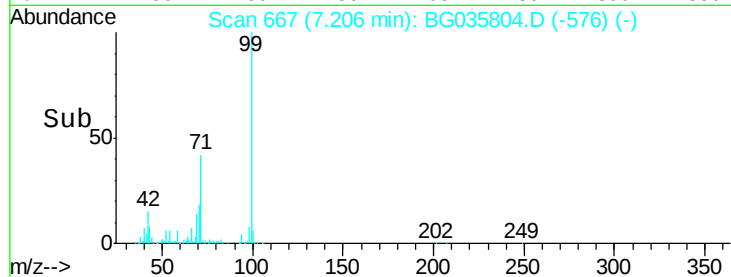
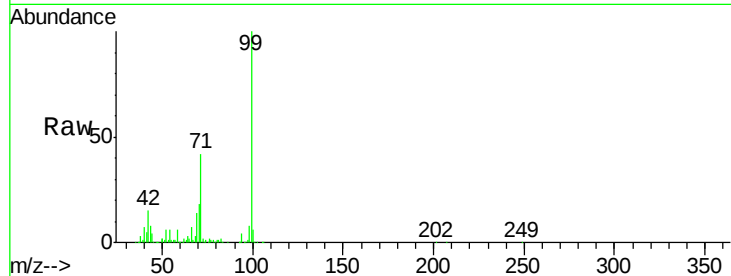


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.376 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.01 min

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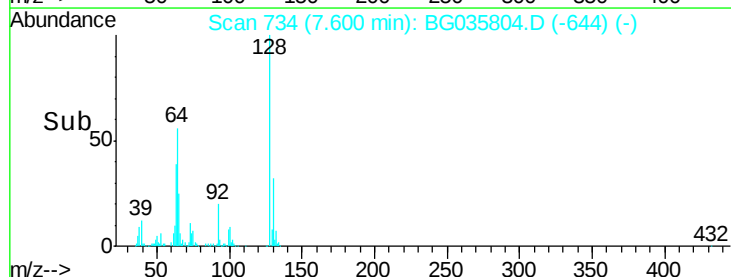
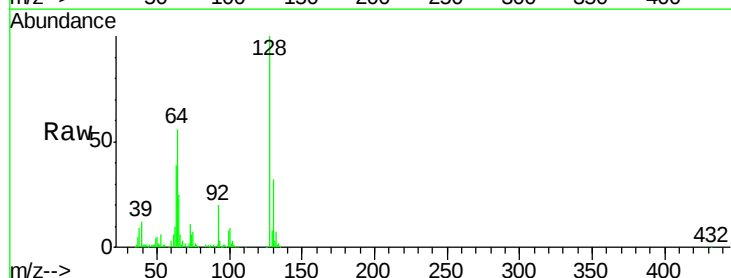
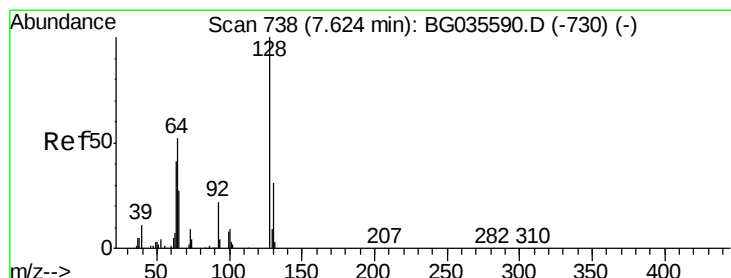
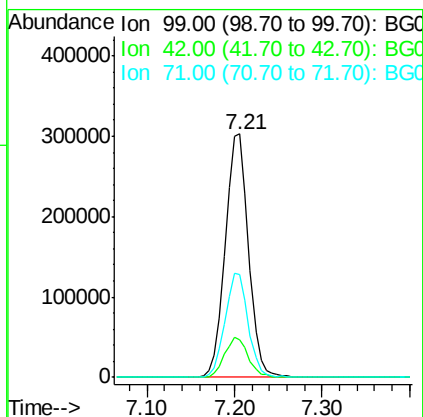
Tgt Ion: 99 Resp: 552543

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 42.3 26.1 39.1#



#8

2-Chlorophenol

Concen: 46.274 ng

RT: 7.60 min Scan# 734

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

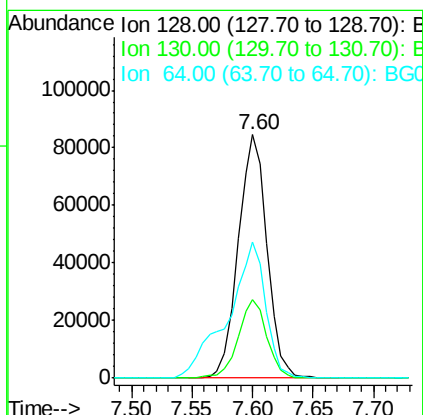
Tgt Ion: 128 Resp: 140134

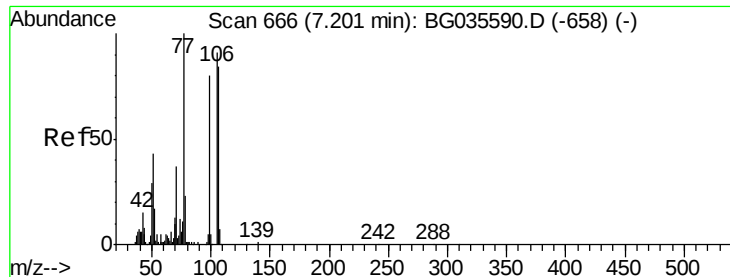
Ion Ratio Lower Upper

128 100

130 32.1 14.0 54.0

64 56.0 37.7 77.7





#9

Benzaldehyde

Concen: 16.701 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

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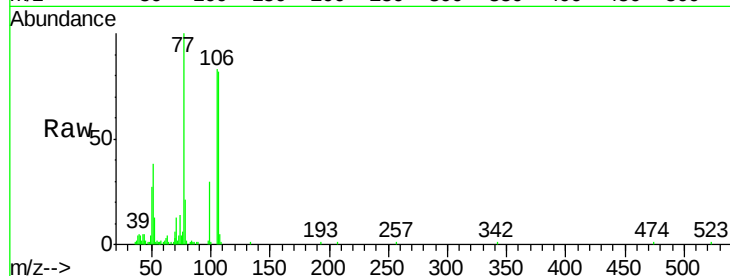
Tgt Ion: 77 Resp: 45525

Ion Ratio Lower Upper

77 100

105 83.2 71.3 111.3

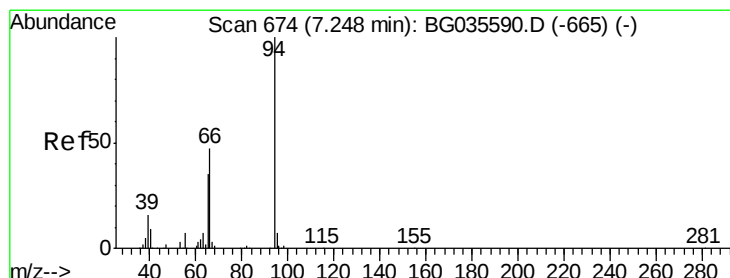
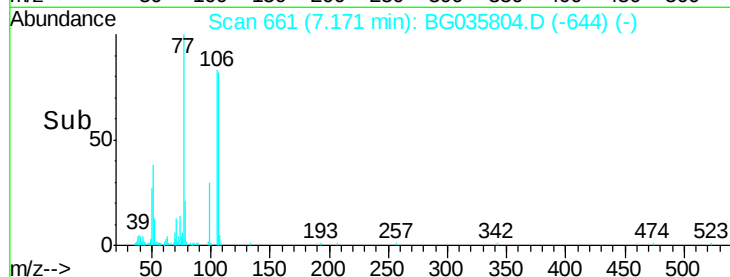
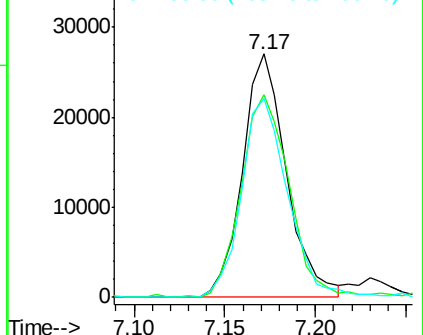
106 81.6 64.2 104.2



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: 40.513 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

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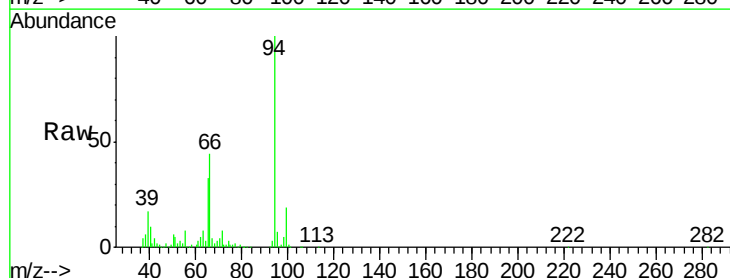
Tgt Ion: 94 Resp: 181836

Ion Ratio Lower Upper

94 100

65 32.6 11.9 51.9

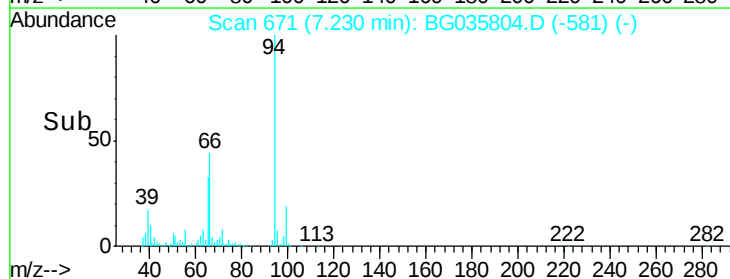
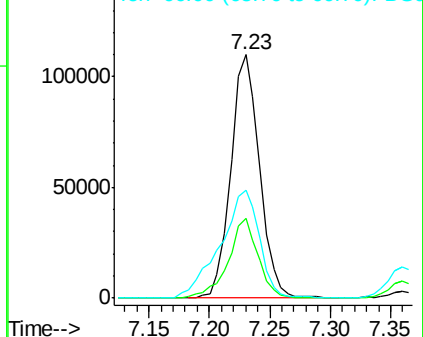
66 44.1 22.2 62.2



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

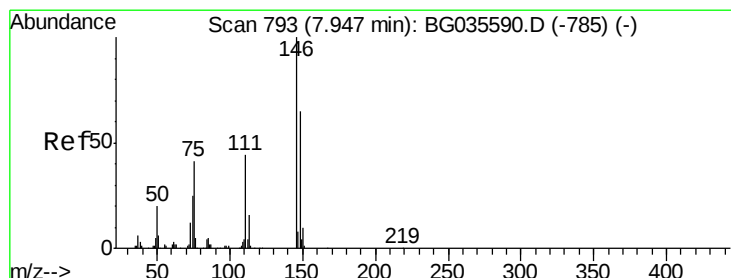
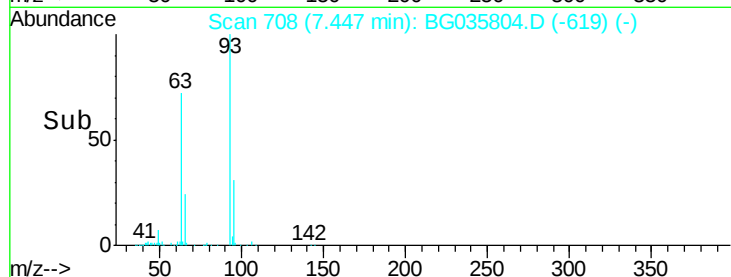
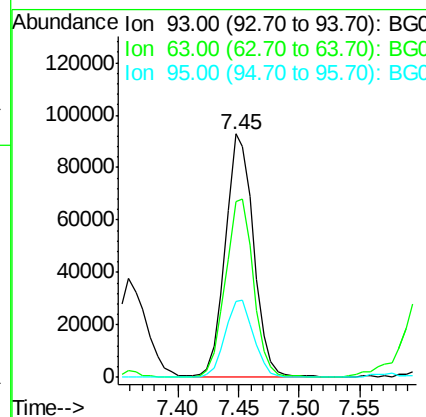
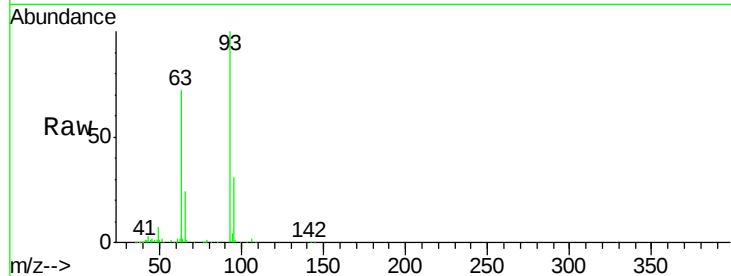




#11
 bis(2-Chloroethyl)ether
 Concen: 42.430 ng
 RT: 7.45 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

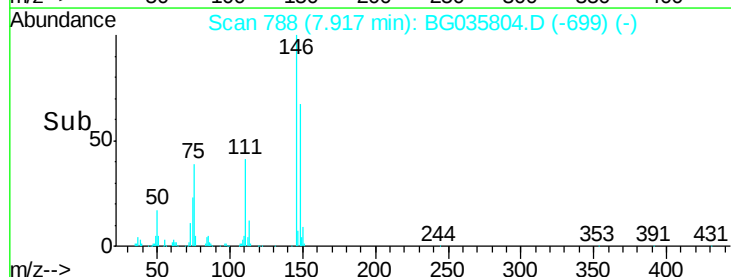
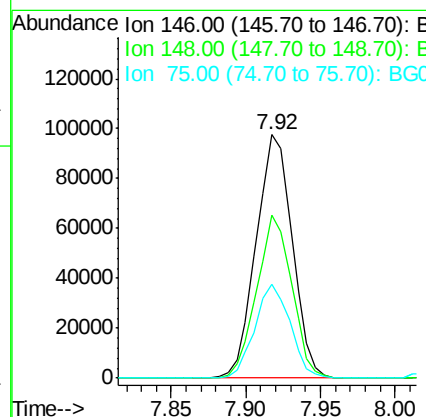
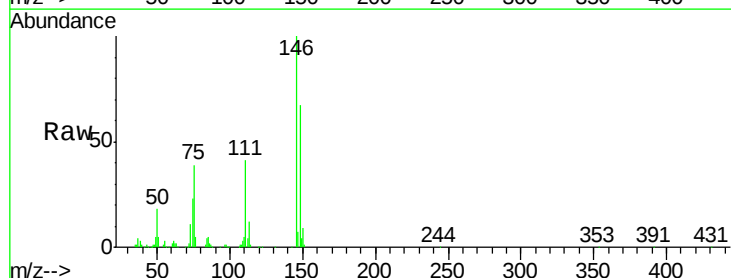
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

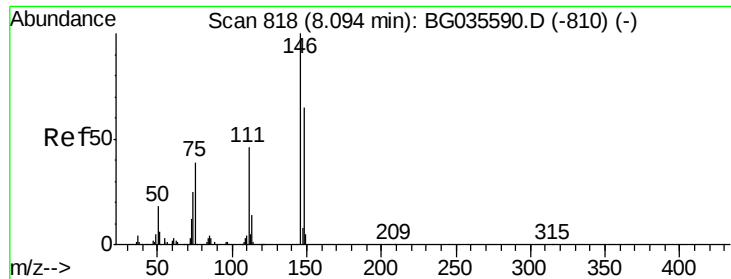
Tgt Ion: 93 Resp: 149141
 Ion Ratio Lower Upper
 93 100
 63 72.0 67.1 107.1
 95 31.1 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 44.693 ng
 RT: 7.92 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion: 146 Resp: 163444
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.4 77.2
 75 38.7 26.6 39.8

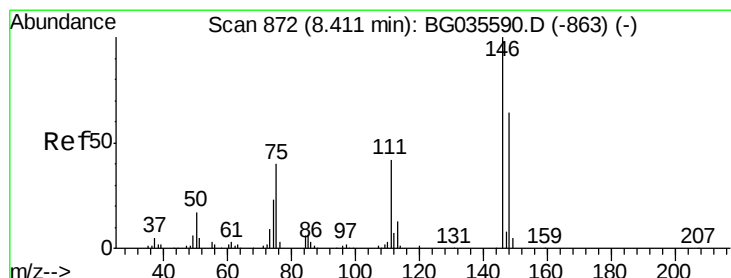
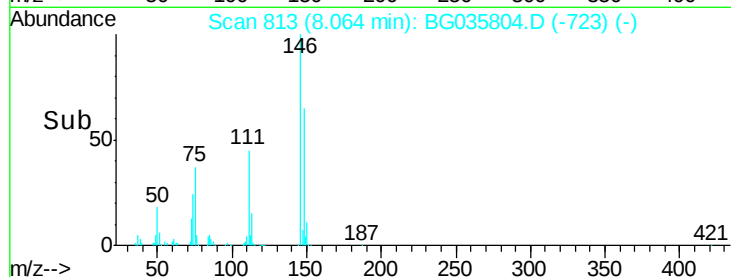
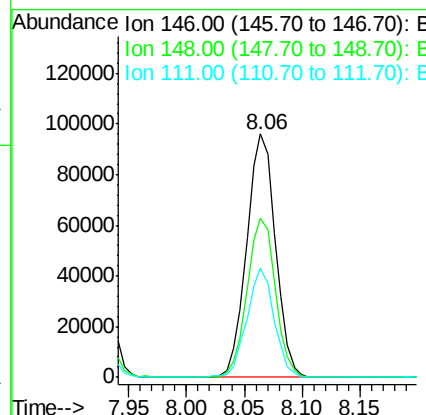
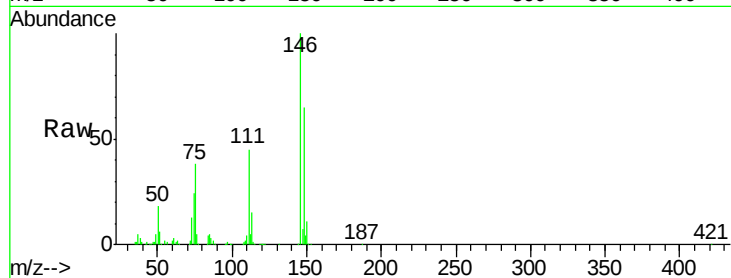




#13
 1,4-Dichlorobenzene
 Concen: 44.765 ng
 RT: 8.06 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

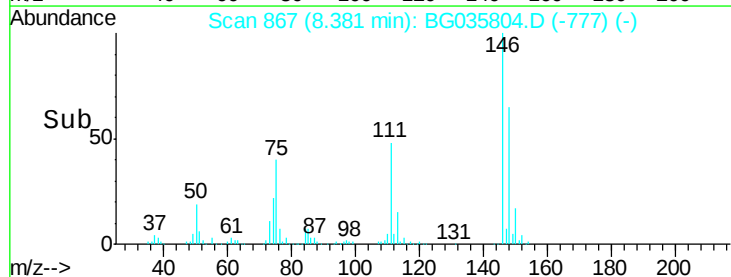
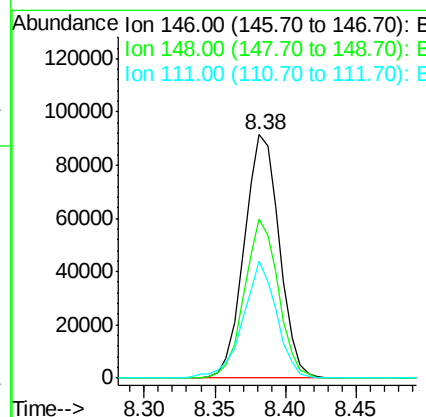
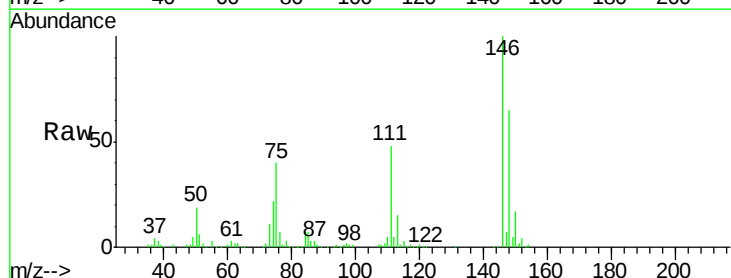
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

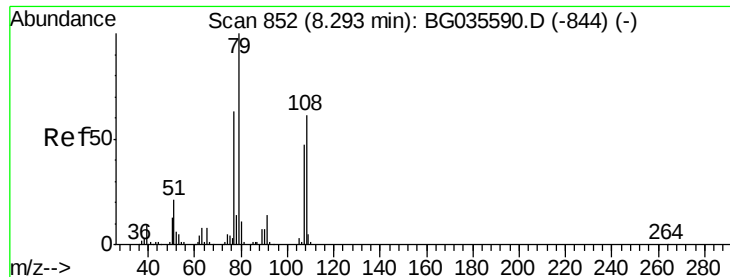
Tgt Ion:146 Resp: 166333
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.7 80.5
 111 45.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.557 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion:146 Resp: 159051
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.3 73.9
 111 48.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 40.373 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

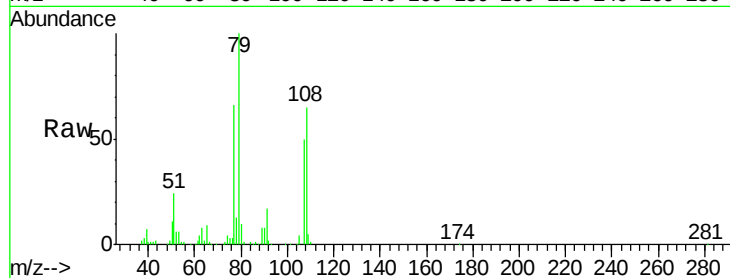
Tgt Ion: 79 Resp: 162876

Ion Ratio Lower Upper

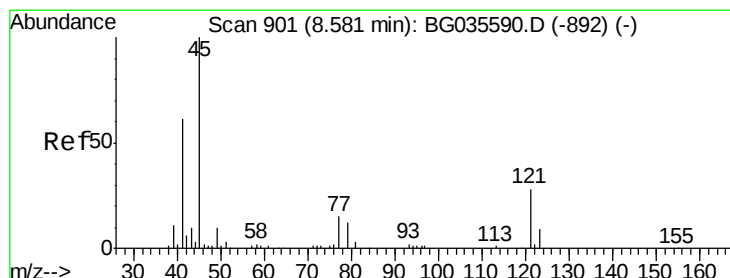
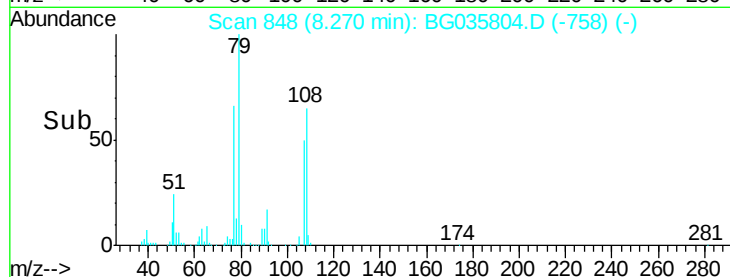
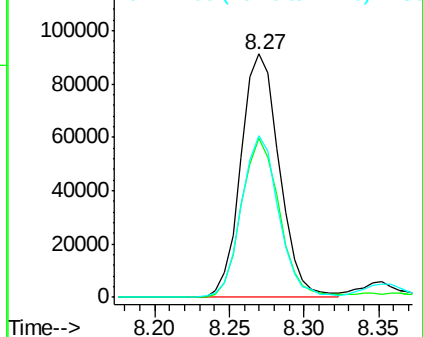
79 100

108 65.5 57.2 85.8

77 66.3 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.240 ng

RT: 8.56 min Scan# 897

Delta R.T. 0.01 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

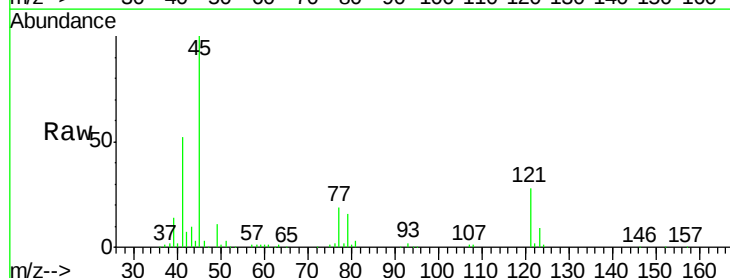
Tgt Ion: 45 Resp: 165731

Ion Ratio Lower Upper

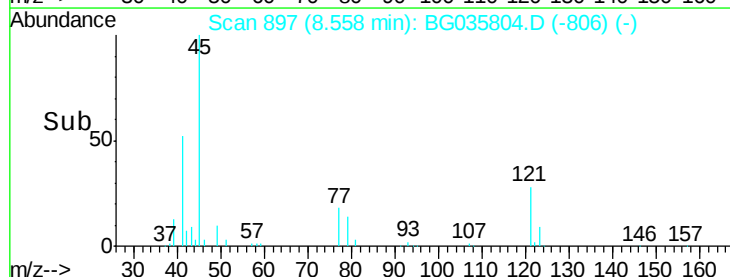
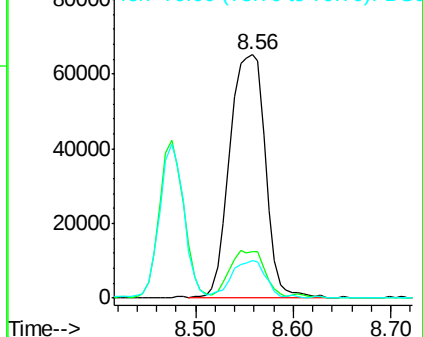
45 100

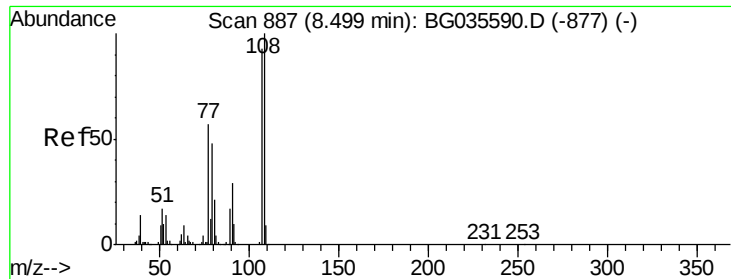
77 19.3 0.0 30.2

79 15.6 0.0 27.9



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

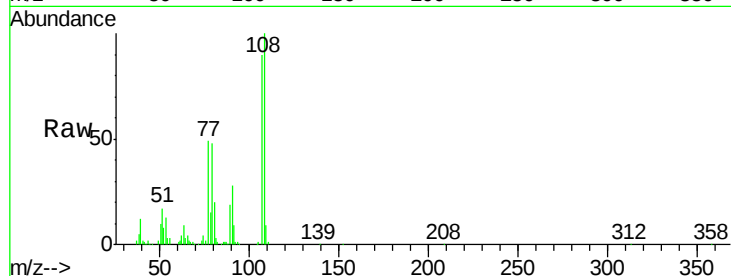




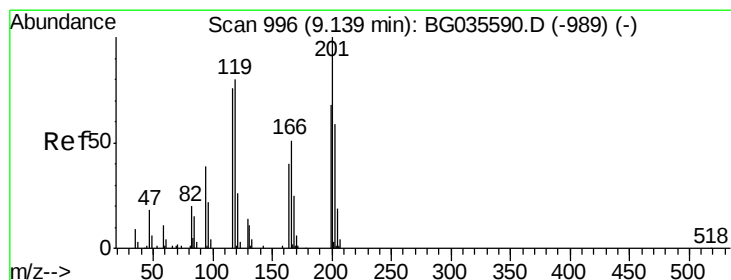
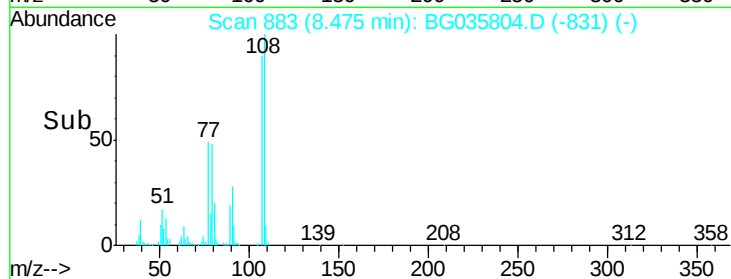
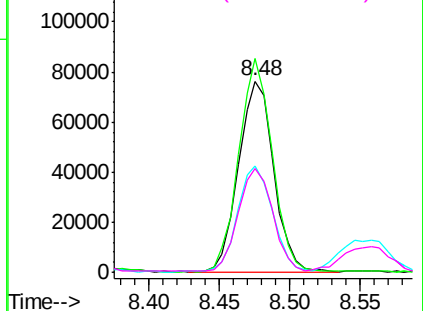
#17
2-Methylphenol
Concen: 43.605 ng
RT: 8.48 min Scan# 883
Delta R.T. 0.01 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

Tgt Ion:107 Resp: 133063
Ion Ratio Lower Upper
107 100
108 111.6 83.9 125.9
77 55.2 37.2 55.8
79 54.1 36.2 54.2

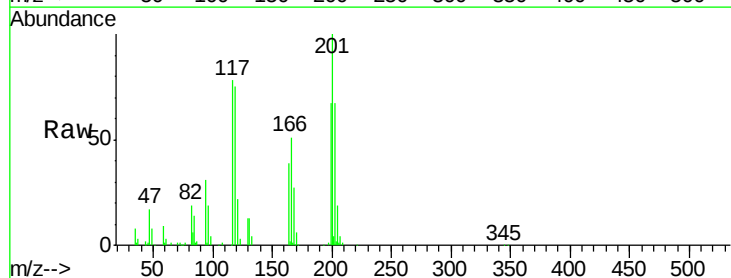


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

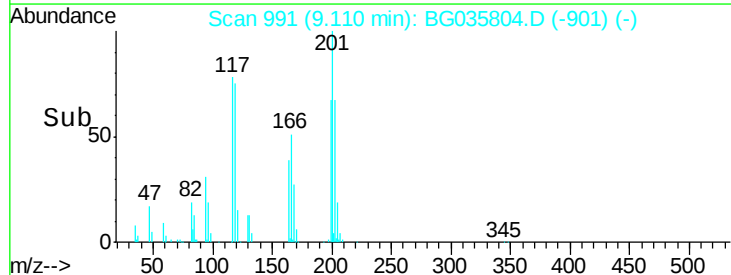
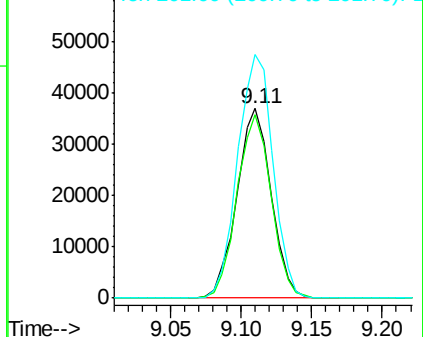


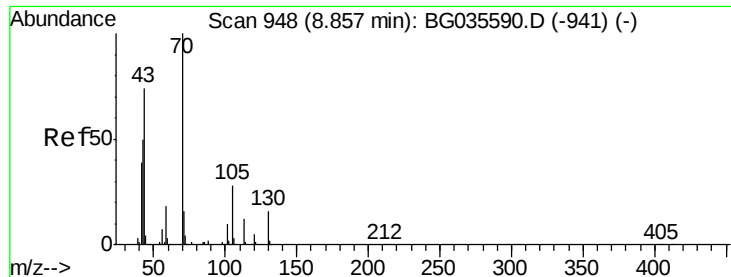
#18
Hexachloroethane
Concen: 44.340 ng
RT: 9.11 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion:117 Resp: 62995
Ion Ratio Lower Upper
117 100
119 97.0 76.7 115.1
201 128.6 95.7 143.5



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

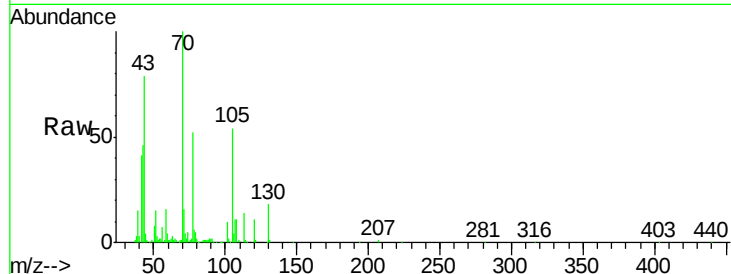




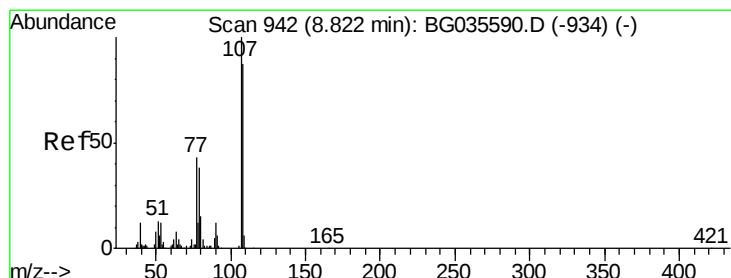
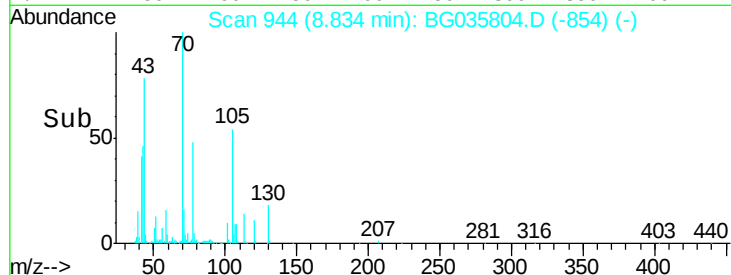
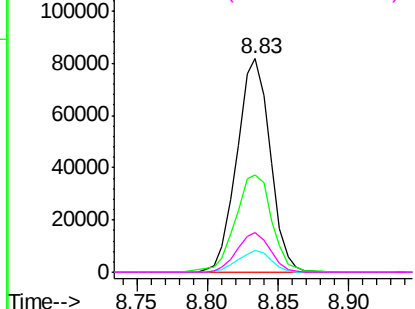
#19
n-Nitroso-di-n-propylamine
Concen: 36.142 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

Tgt Ion: 70 Resp: 135208
Ion Ratio Lower Upper
70 100
42 45.7 49.1 73.7#
101 10.5 8.5 12.7
130 18.4 13.4 20.0

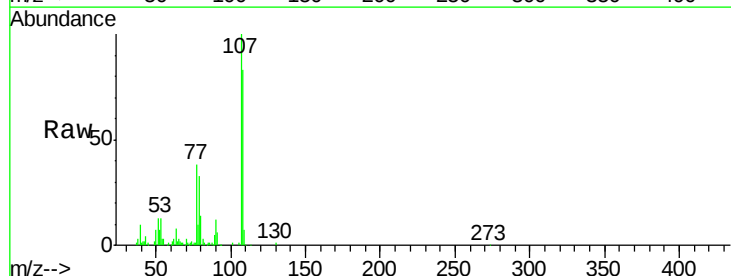


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

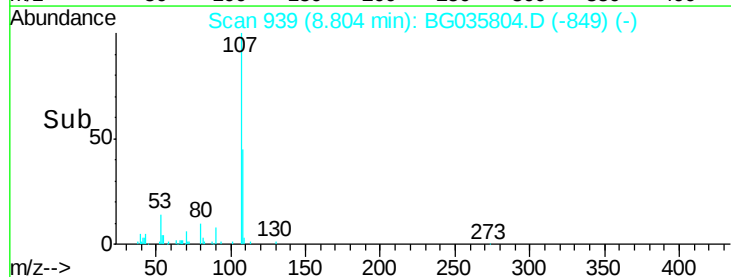
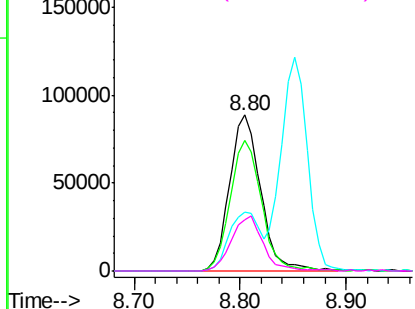


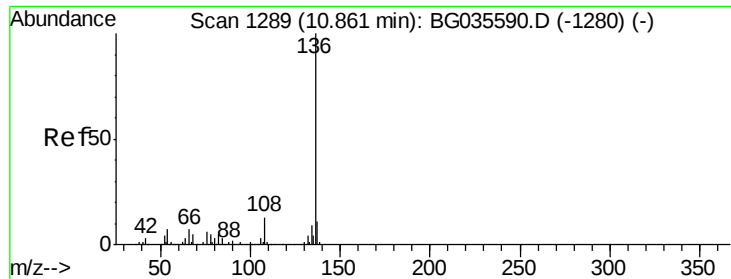
#20
3+4-Methylphenols
Concen: 42.636 ng
RT: 8.80 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion: 107 Resp: 180495
Ion Ratio Lower Upper
107 100
108 83.4 61.6 101.6
77 38.0 13.9 53.9
79 32.9 8.8 48.8



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

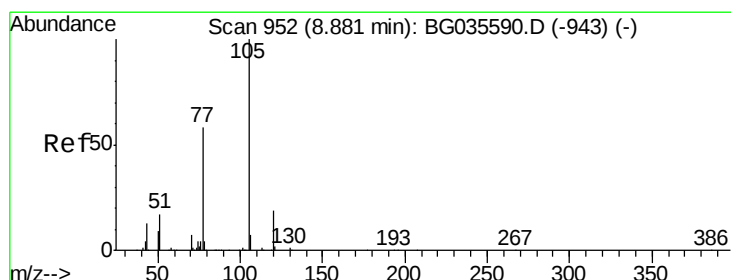
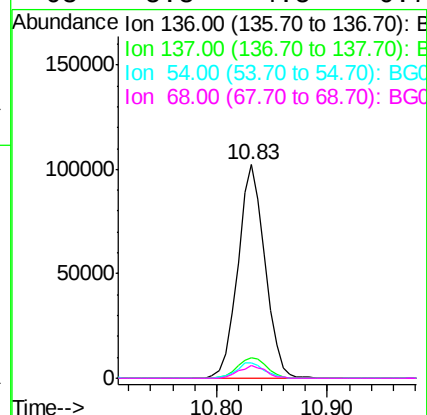
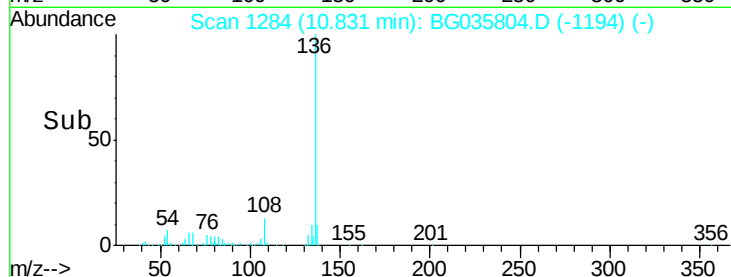
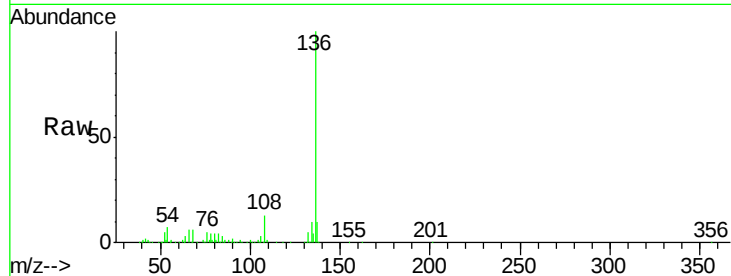




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

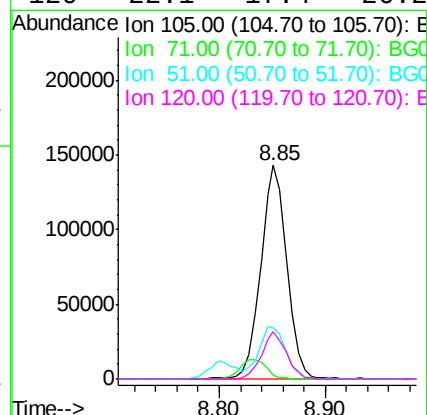
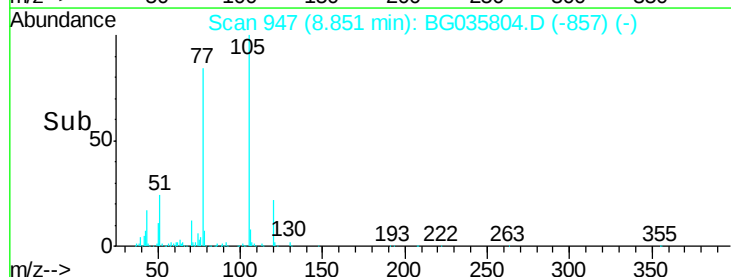
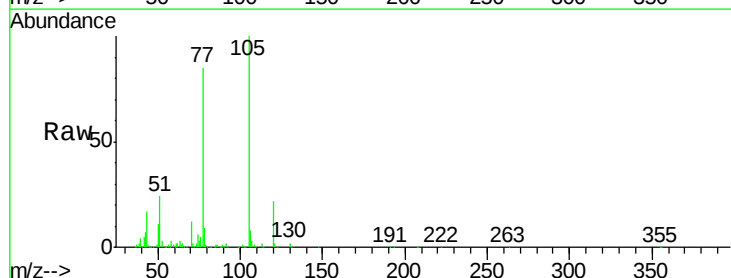
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

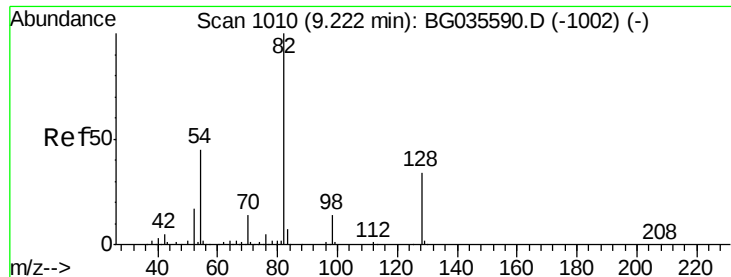
Tgt Ion:	136	Resp:	175104
Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	7.2	10.3	15.5#
68	5.8	4.5	6.7



#22
Acetophenone
Concen: 45.309 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion:	105	Resp:	246718
Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.0	4.4#
51	24.2	26.1	39.1#
120	22.1	17.4	26.2

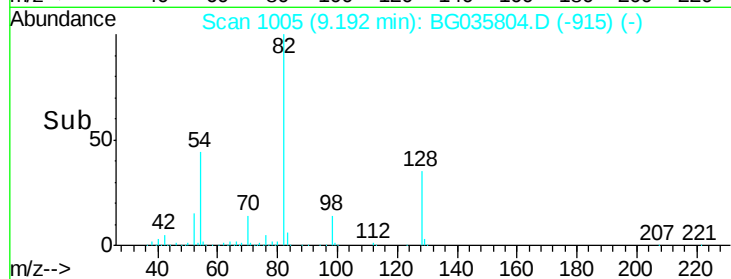
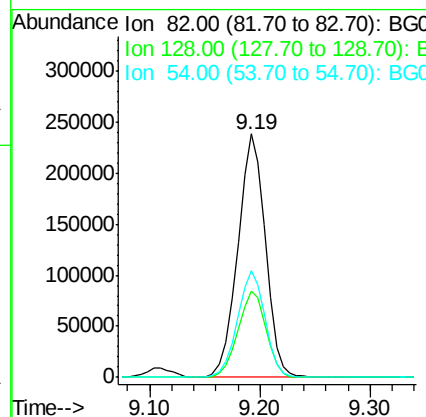
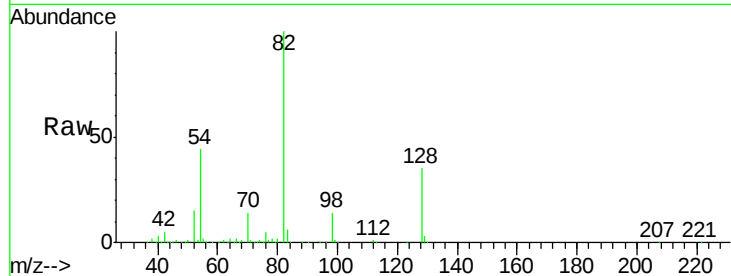




#23
Nitrobenzene-d5
Concen: 99.416 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

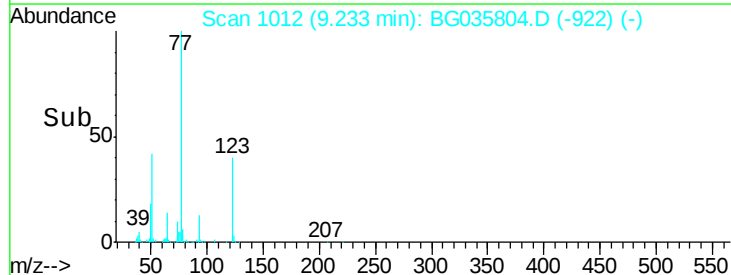
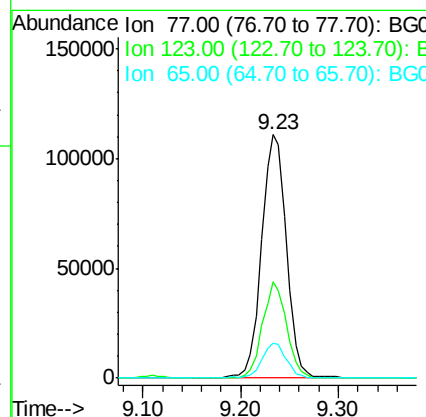
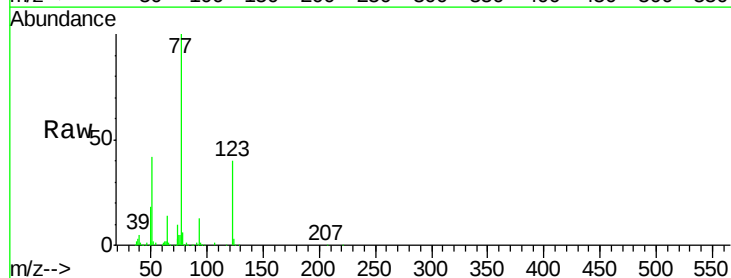
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

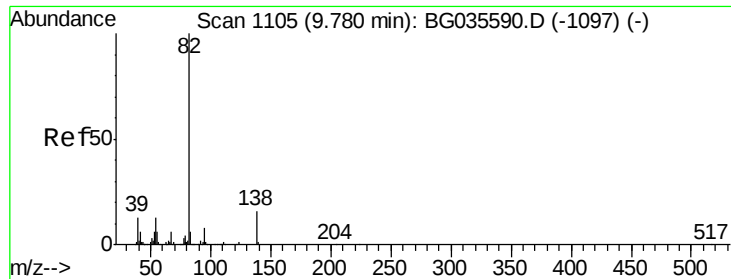
Tgt Ion: 82 Resp: 416716
Ion Ratio Lower Upper
82 100
128 35.2 29.7 44.5
54 44.0 43.1 64.7



#24
Nitrobenzene
Concen: 47.155 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion: 77 Resp: 198781
Ion Ratio Lower Upper
77 100
123 39.8 33.0 49.6
65 14.3 13.0 19.6

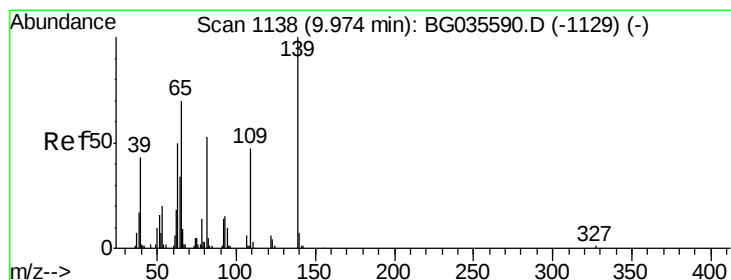
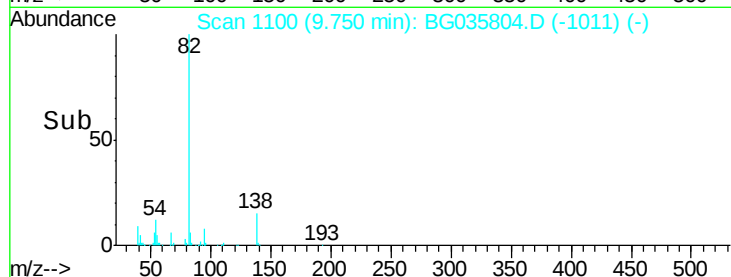
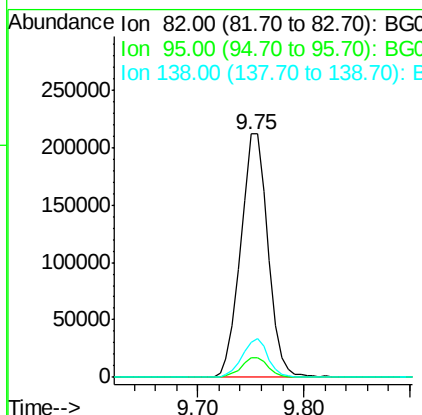
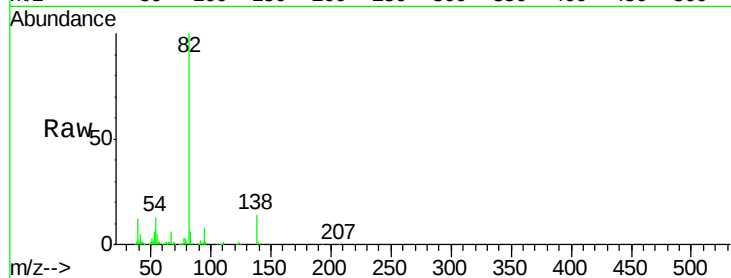




#25
Isophorone
Concen: 48.995 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

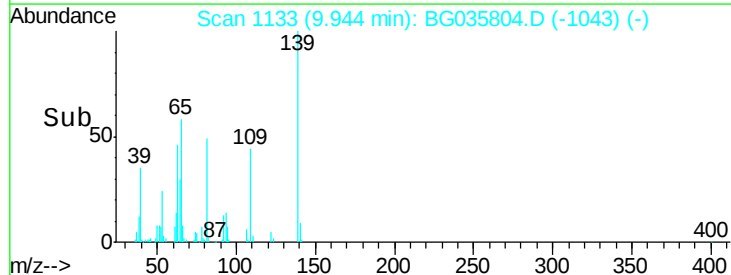
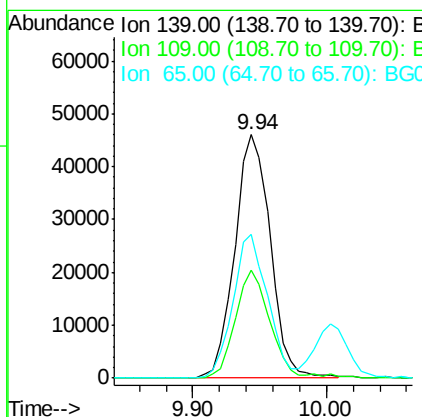
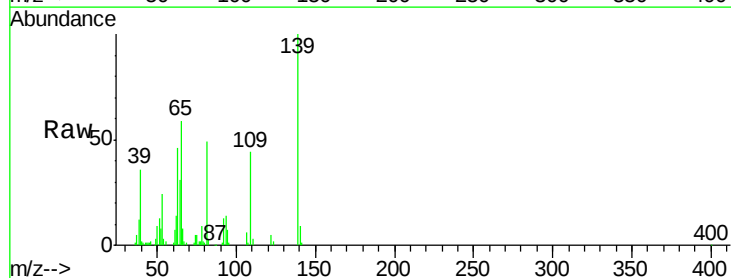
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	14.4	12.1	18.1



#26
2-Nitrophenol
Concen: 56.601 ng
RT: 9.94 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.5	24.2	36.2#
65	58.8	47.4	71.0

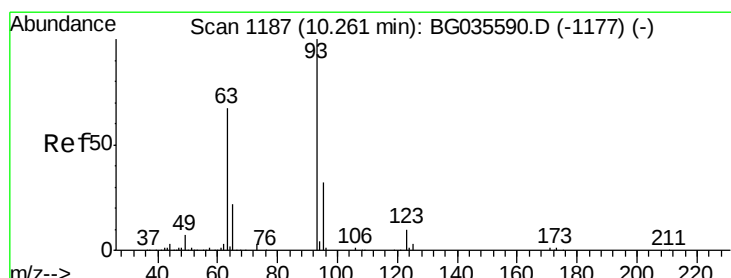
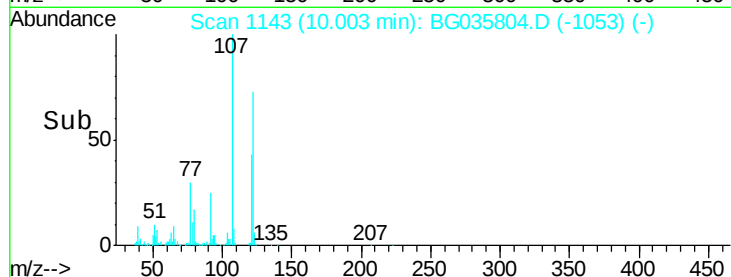
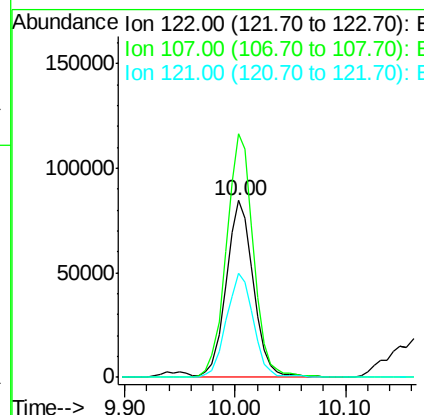
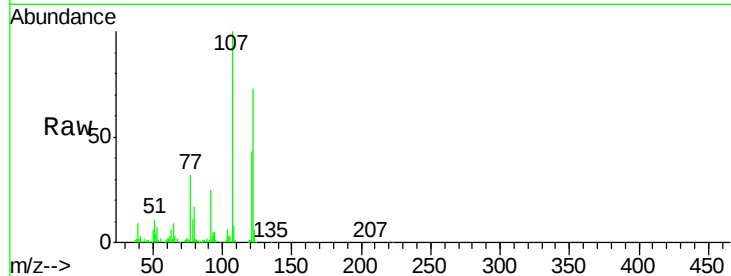




#27
2,4-Dimethylphenol
Concen: 57.587 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

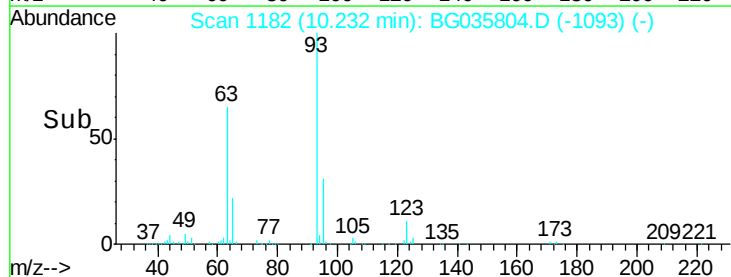
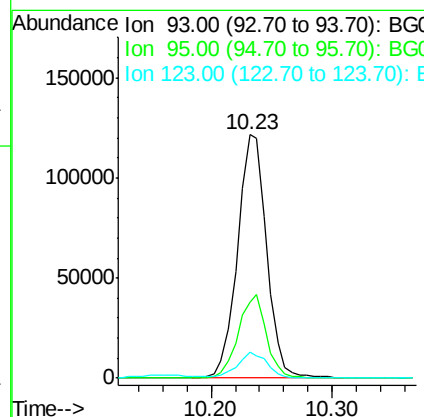
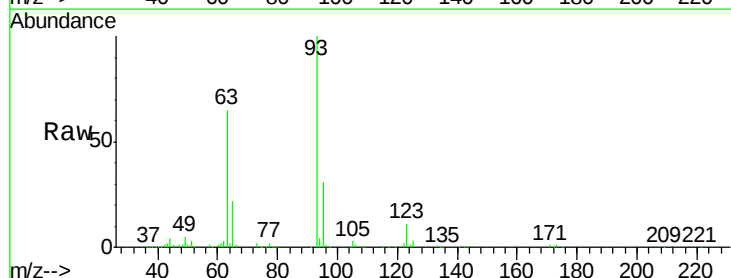
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

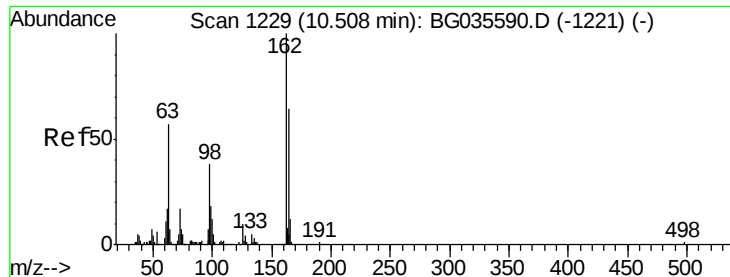
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.6	100.2	150.2
121	58.8	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.534 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	24.3	36.5
123	10.5	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 55.034 ng

RT: 10.48 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

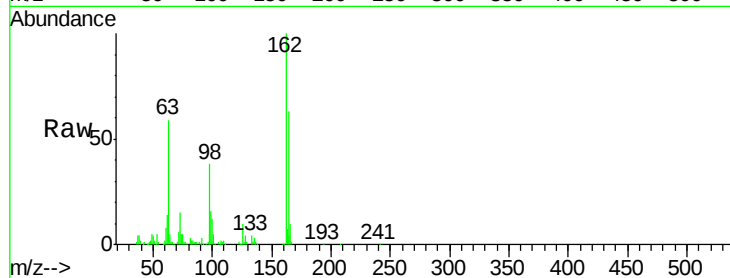
Tgt Ion:162 Resp: 159205

Ion Ratio Lower Upper

162 100

164 63.4 48.0 88.0

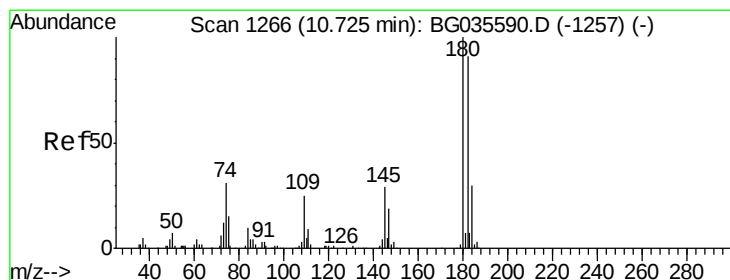
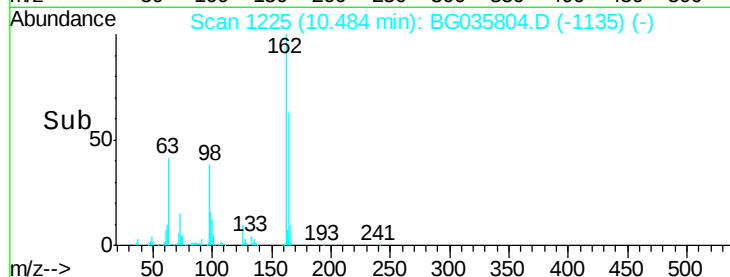
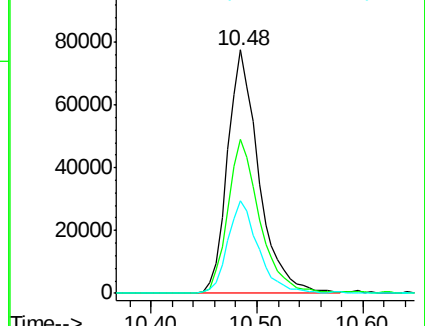
98 38.0 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 50.572 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

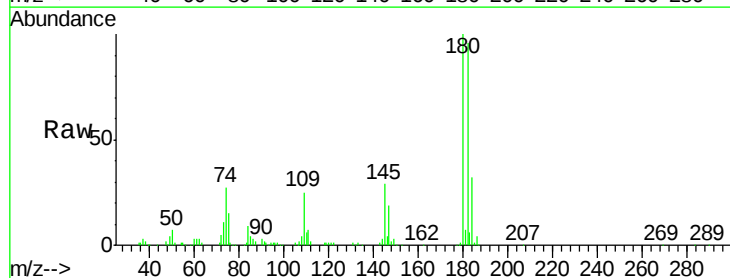
Tgt Ion:180 Resp: 179393

Ion Ratio Lower Upper

180 100

182 96.4 77.5 116.3

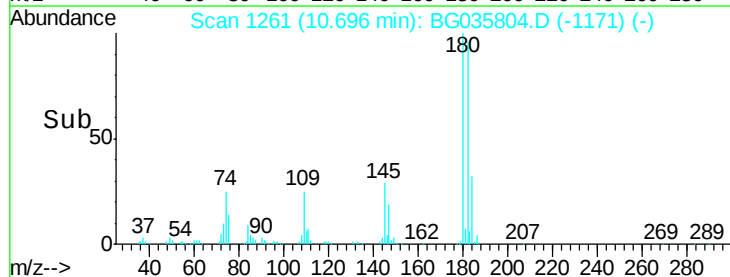
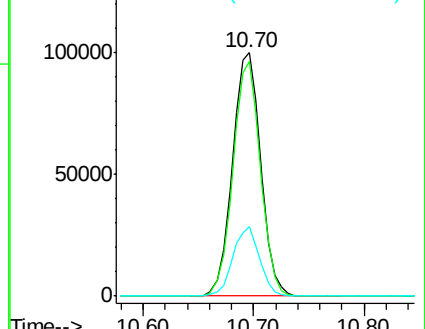
145 28.7 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

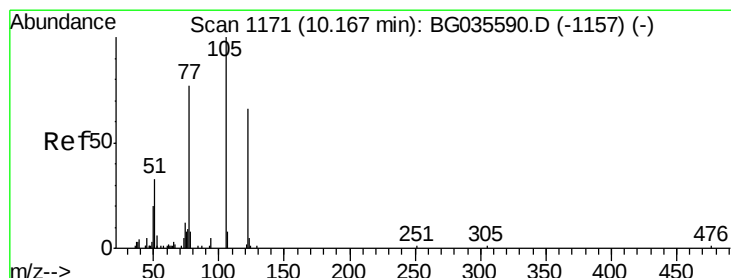
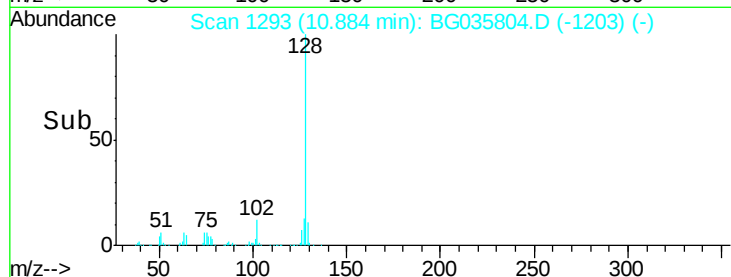
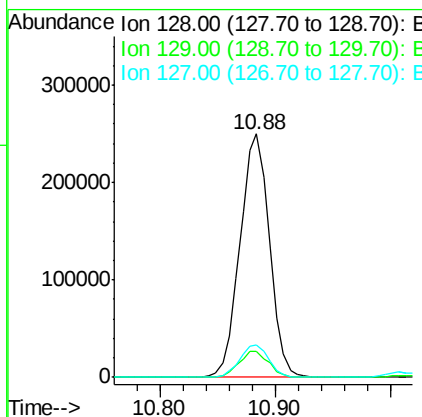
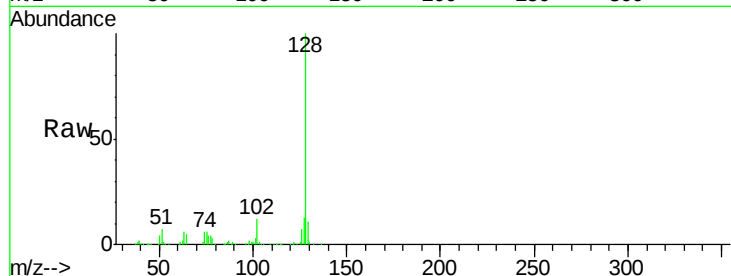




#31
Naphthalene
Concen: 48.402 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

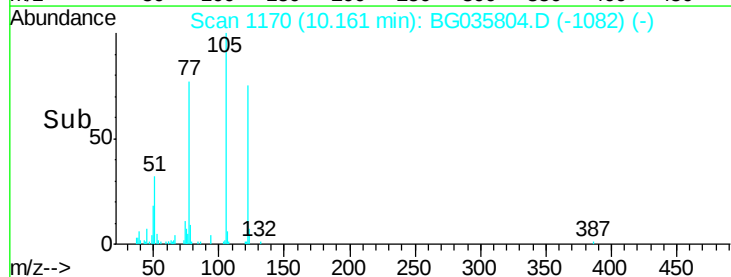
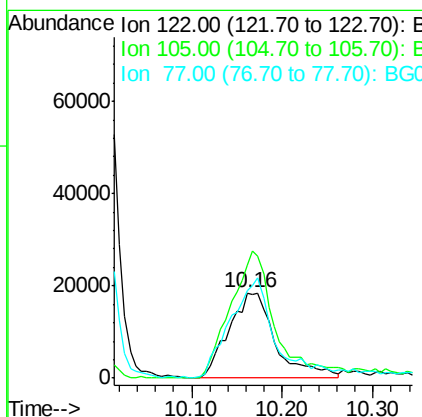
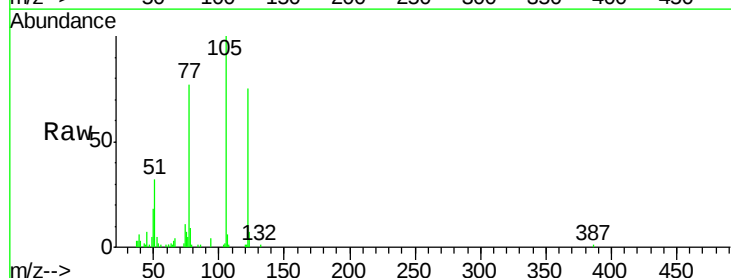
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

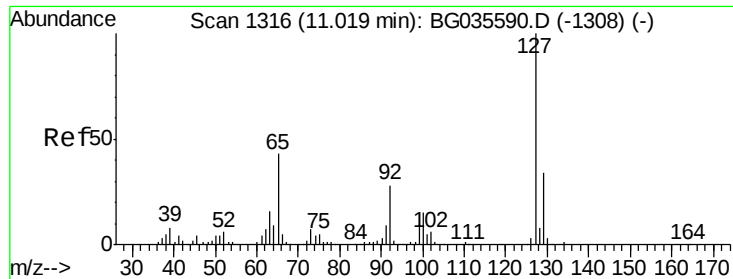
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.2	11.6	17.4



#32
Benzoic acid
Concen: 39.001 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.1	123.5	163.5
77	102.4	85.7	125.7

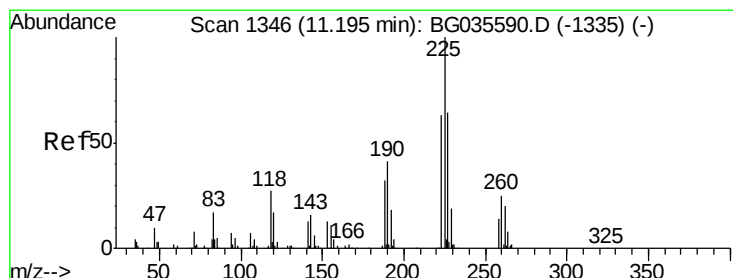
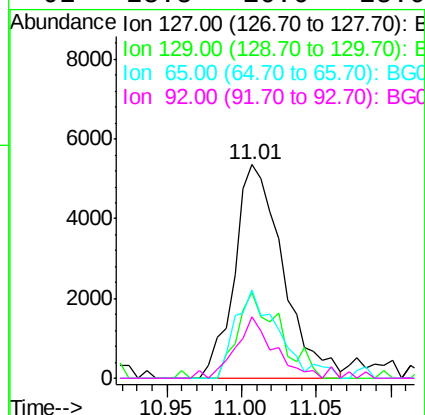
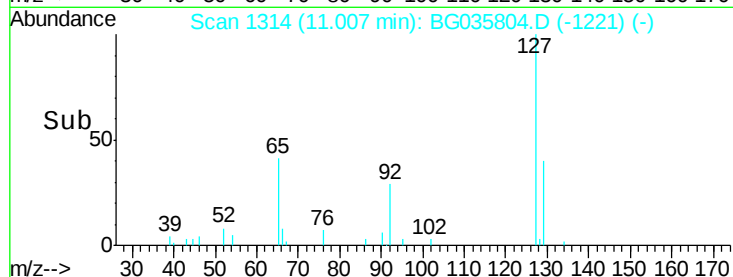
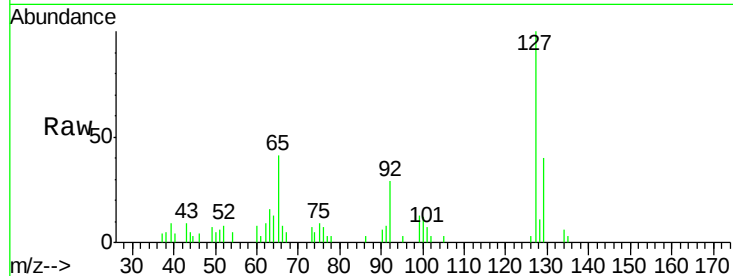




#33
4-Chloroaniline
Concen: 3.026 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

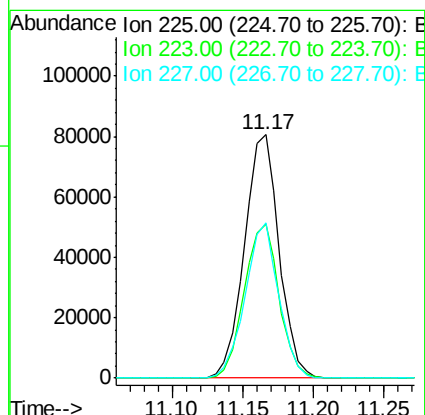
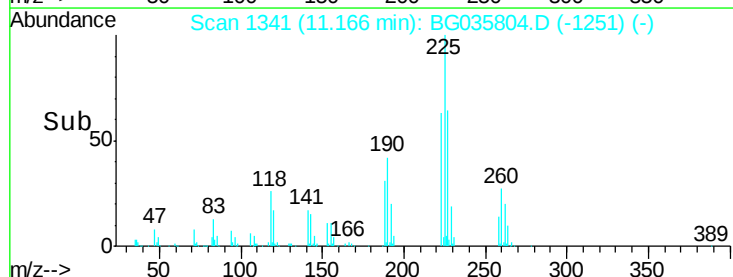
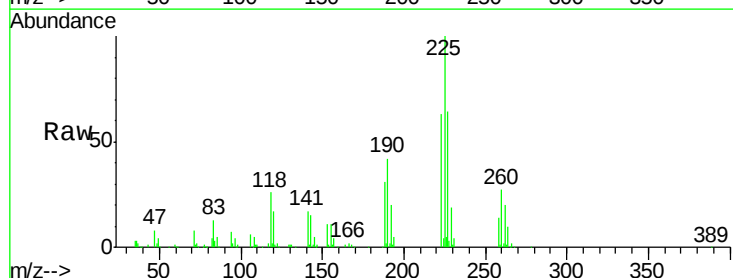
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

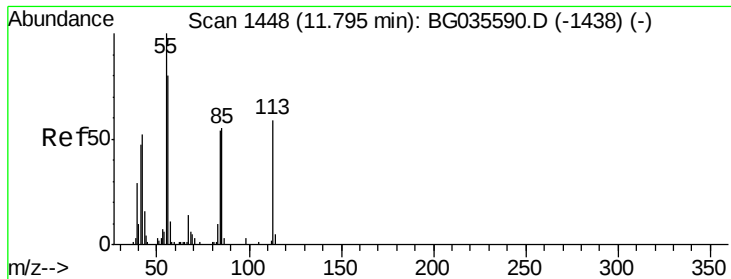
Tgt Ion:127 Resp: 12030
Ion Ratio Lower Upper
127 100
129 40.1 24.0 36.0#
65 41.4 27.0 40.4#
92 28.5 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 49.948 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion:225 Resp: 138163
Ion Ratio Lower Upper
225 100
223 63.1 49.7 74.5
227 63.6 48.1 72.1





#35

Caprolactam

Concen: 18.861 ng

RT: 11.78 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

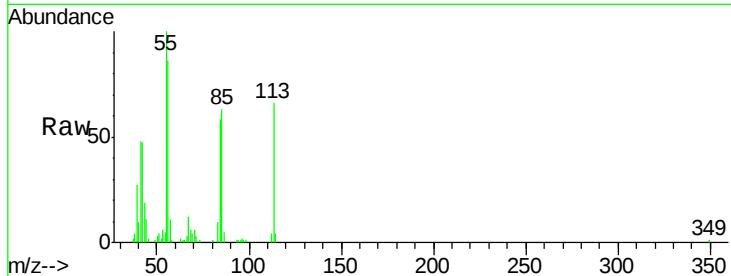
Tgt Ion:113 Resp: 23415

Ion Ratio Lower Upper

113 100

55 152.2 186.9 226.9#

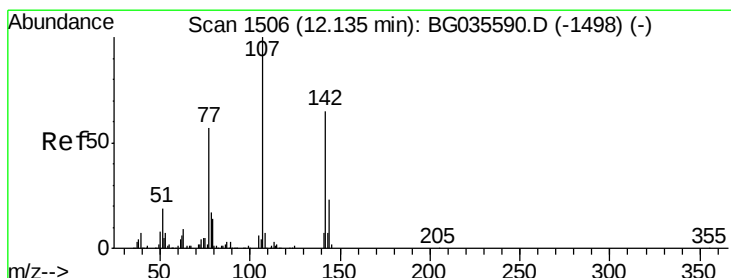
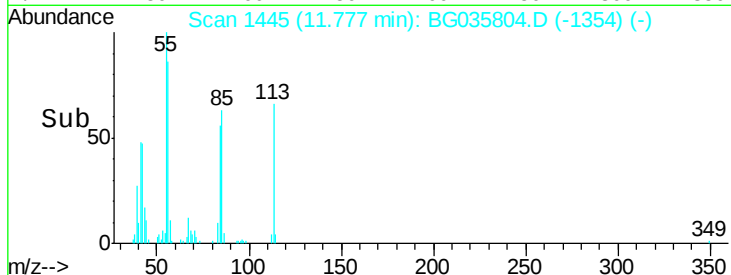
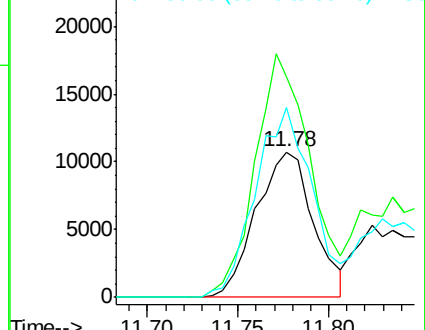
56 131.0 130.9 170.9



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: 49.085 ng

RT: 12.12 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

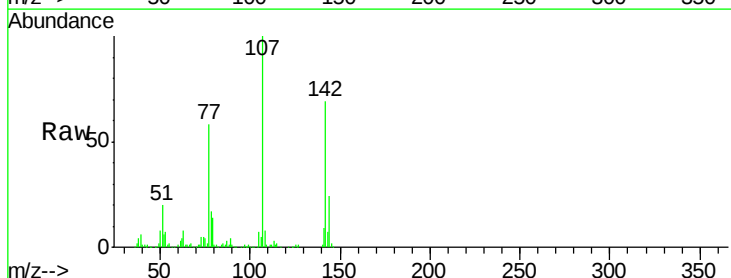
Tgt Ion:107 Resp: 190333

Ion Ratio Lower Upper

107 100

144 24.1 18.2 27.4

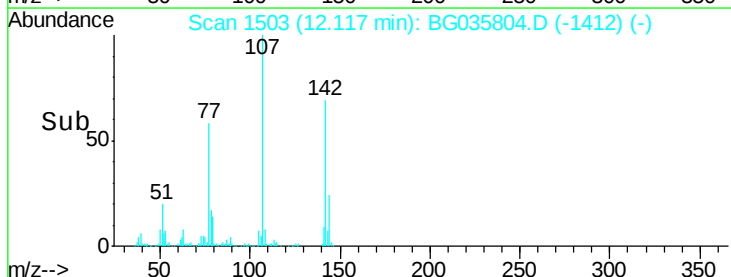
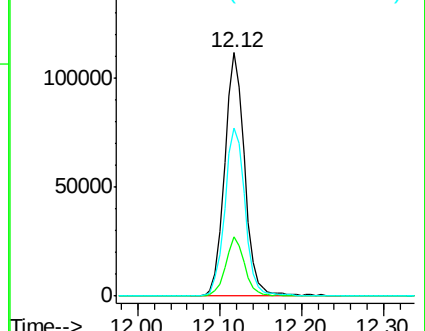
142 69.3 59.0 88.4

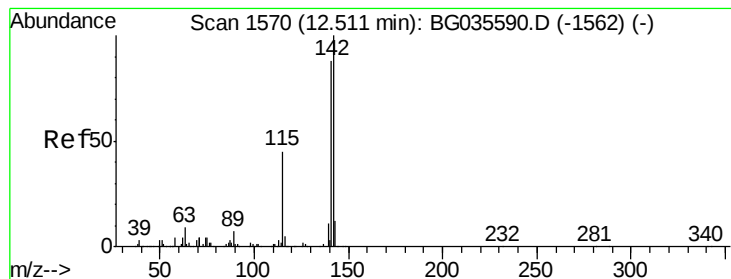


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.408 ng

RT: 12.48 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

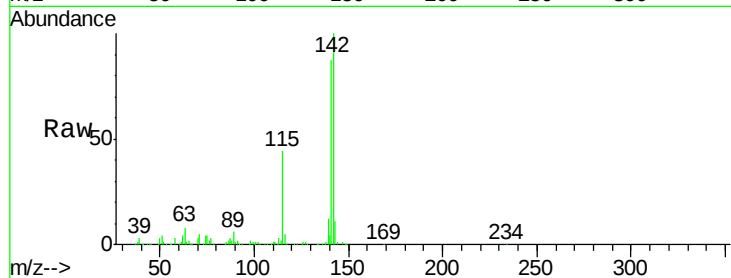
Tgt Ion:142 Resp: 342551

Ion Ratio Lower Upper

142 100

141 86.8 67.1 100.7

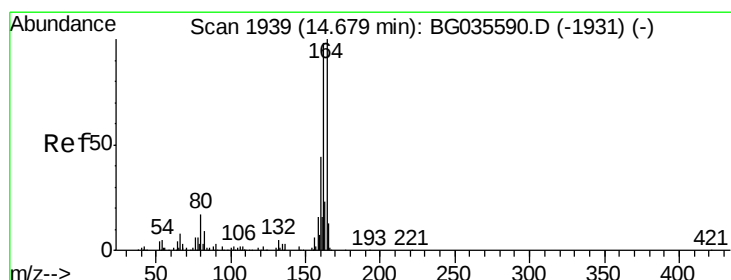
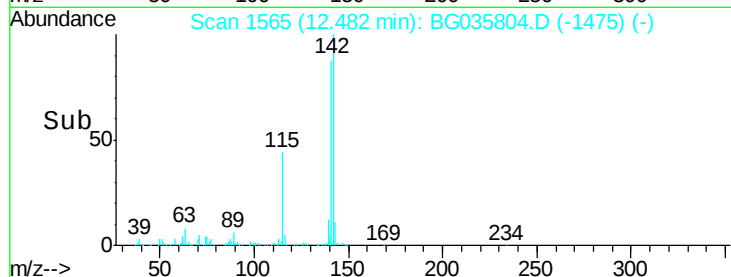
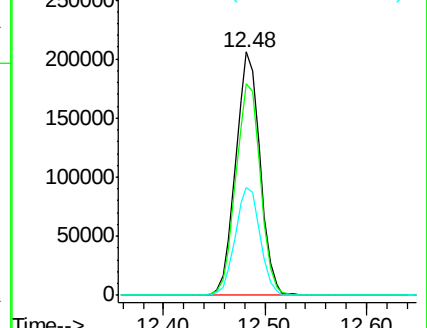
115 44.3 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

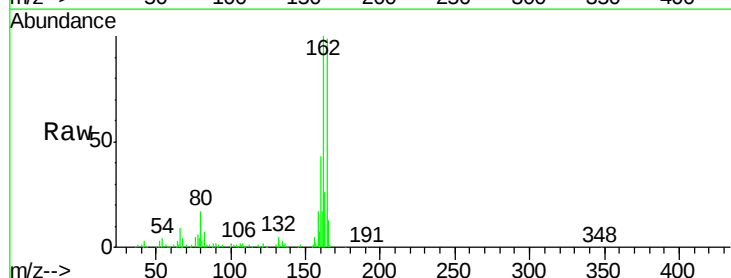
Tgt Ion:164 Resp: 124433

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

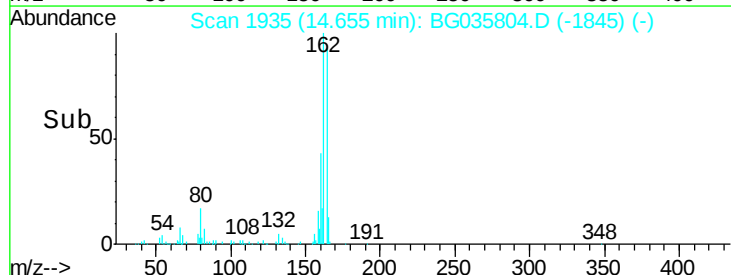
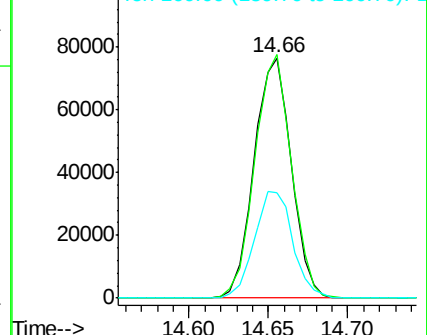
160 44.1 35.4 53.0

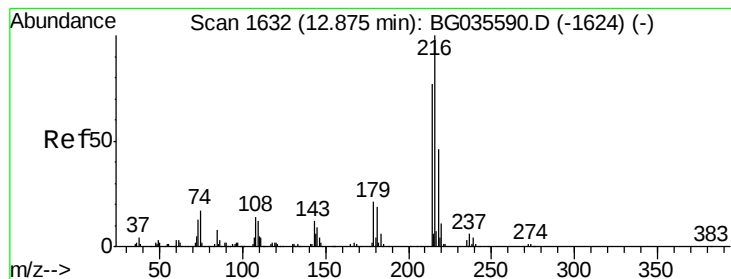


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.976 ng

RT: 12.85 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

Tgt Ion: 216 Resp: 230017

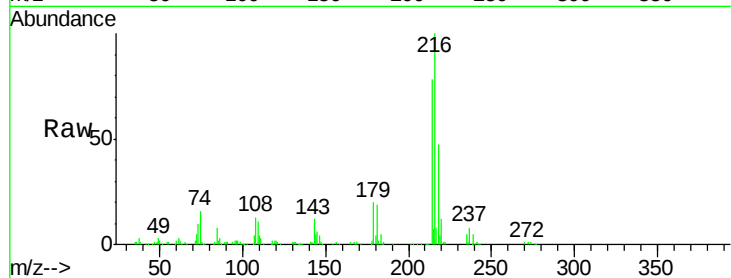
Ion Ratio Lower Upper

216 100

214 80.1 63.0 94.4

179 20.2 17.0 25.6

108 16.7 12.8 19.2

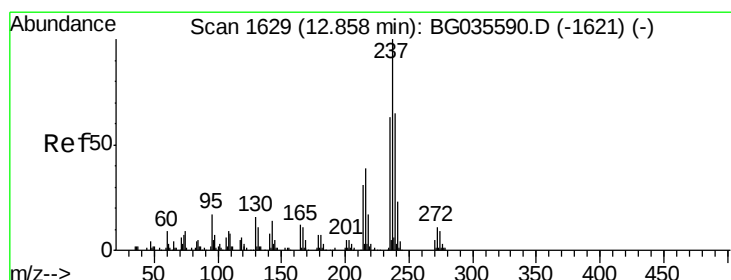
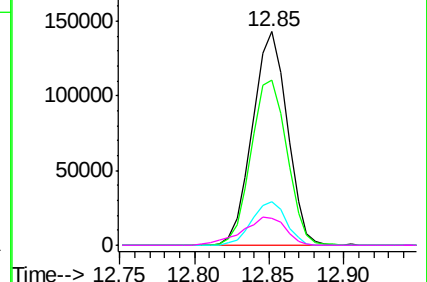
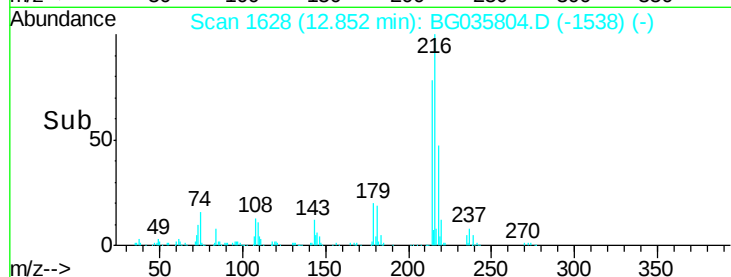


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 121.135 ng

RT: 12.83 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

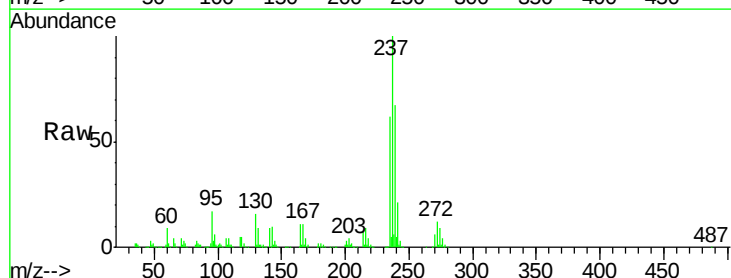
Tgt Ion: 237 Resp: 298364

Ion Ratio Lower Upper

237 100

235 62.1 50.4 90.4

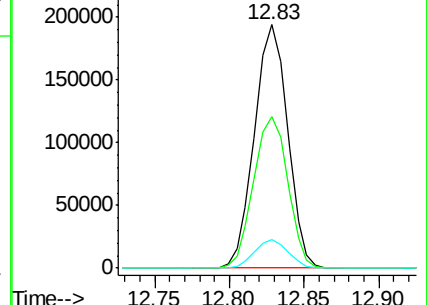
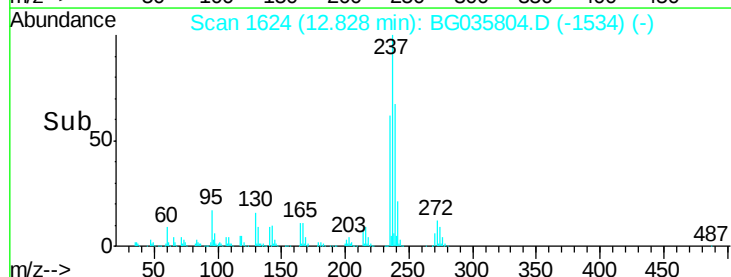
272 11.8 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

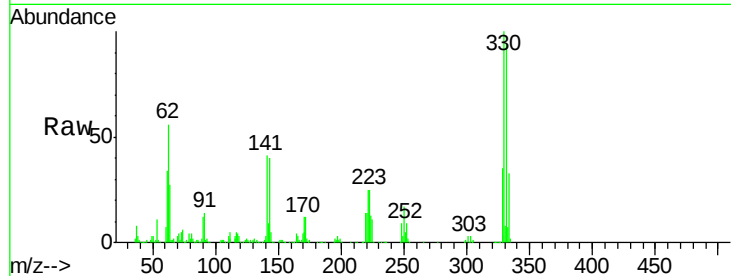




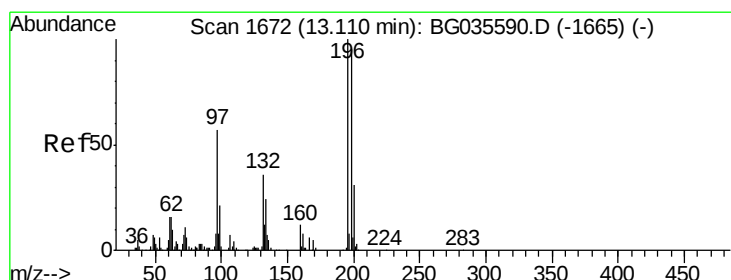
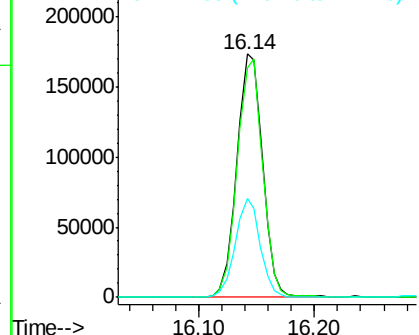
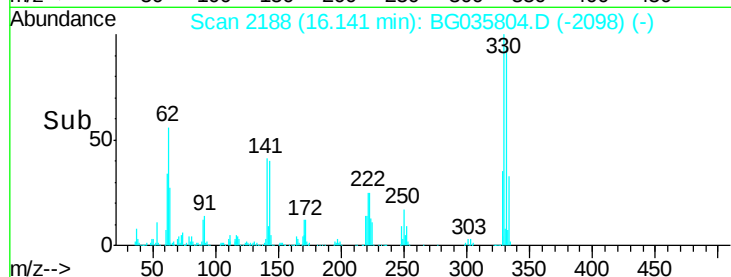
#41
 2,4,6-Tribromophenol
 Concen: 163.981 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

Tgt Ion:330 Resp: 268946
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 39.5 25.2 37.8#

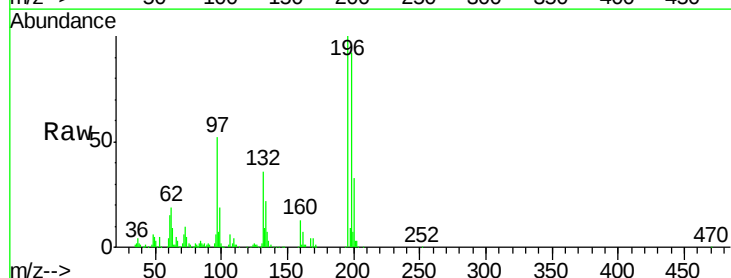


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

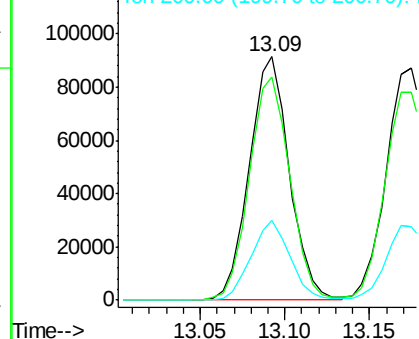
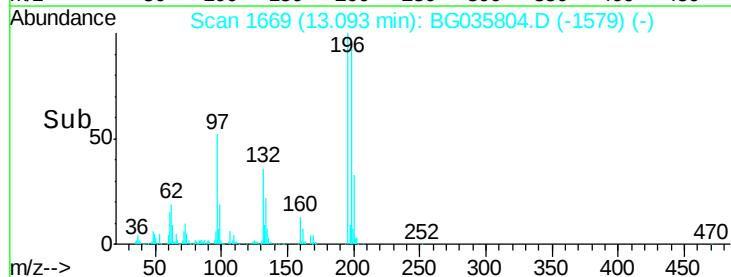


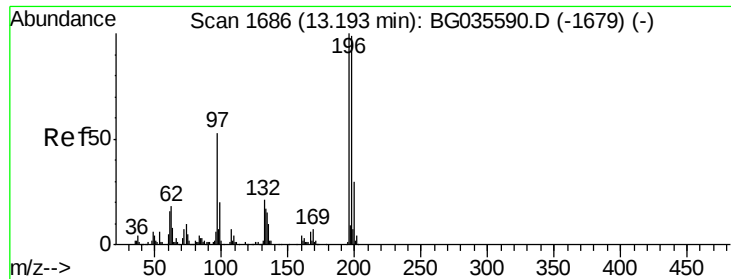
#42
 2,4,6-Trichlorophenol
 Concen: 54.744 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion:196 Resp: 150356
 Ion Ratio Lower Upper
 196 100
 198 91.6 78.2 117.2
 200 33.0 24.6 36.8



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

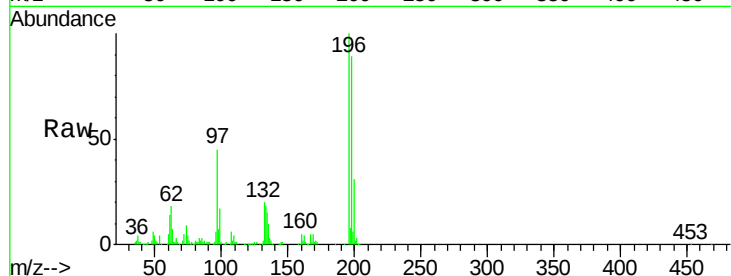




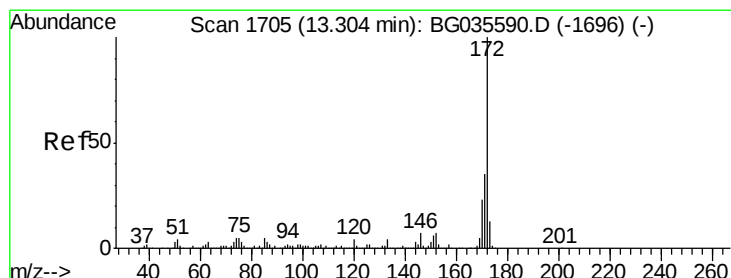
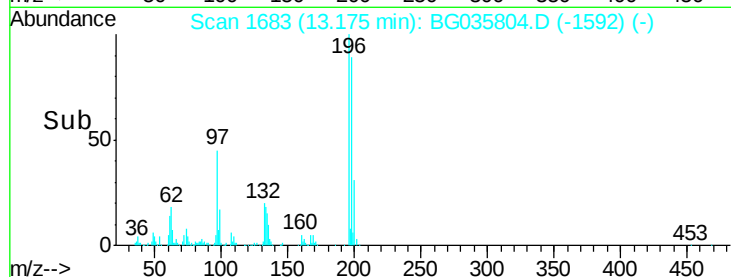
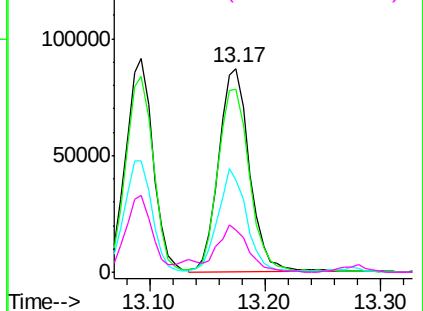
#43
 2,4,5-Trichlorophenol
 Concen: 52.318 ng
 RT: 13.17 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

Tgt Ion:	196	Resp:	160750
Ion	Ratio	Lower	Upper
196	100		
198	89.5	76.2	114.4
97	45.3	38.7	58.1
132	20.4	20.2	30.2

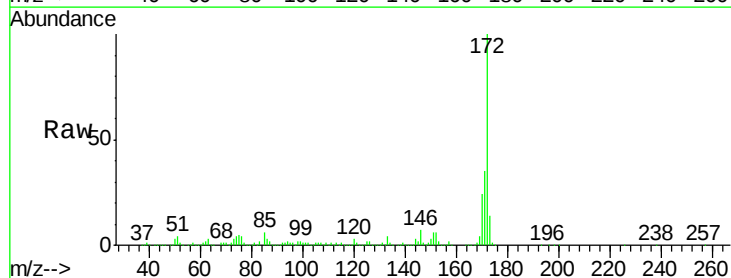


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

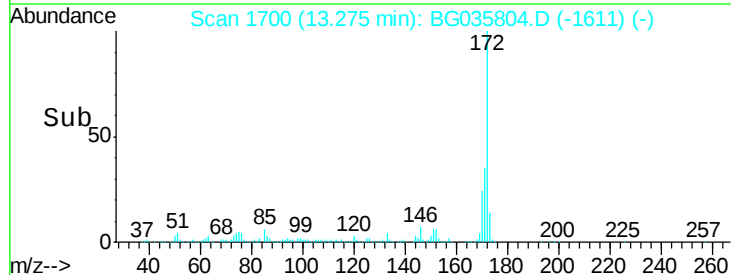
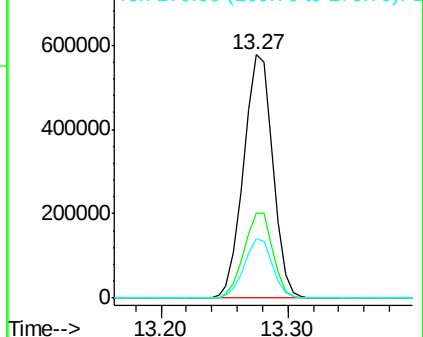


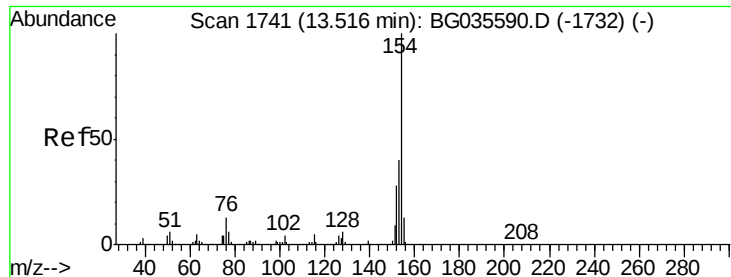
#44
 2-Fluorobiphenyl
 Concen: 99.452 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion:	172	Resp:	923697
Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	24.4	19.5	29.3



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

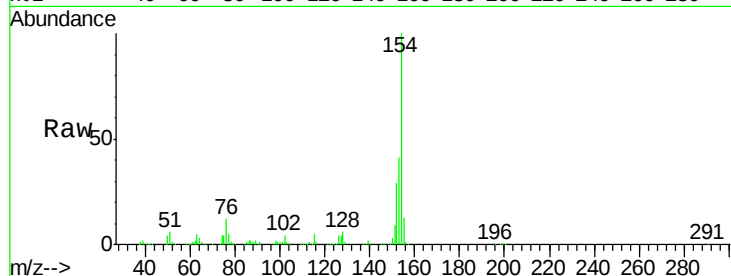




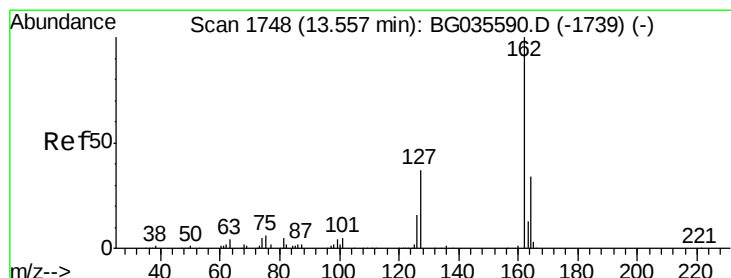
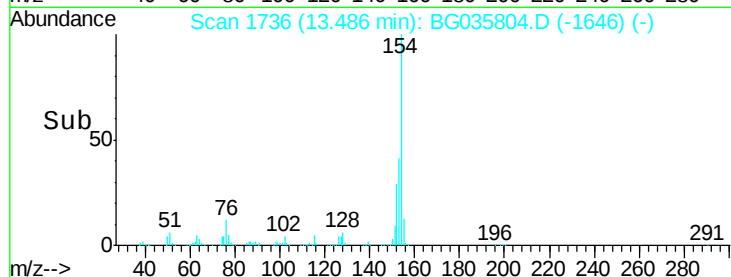
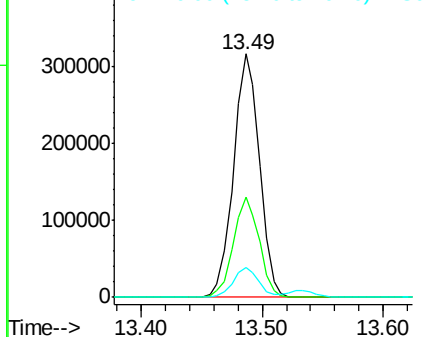
#45
 1,1'-Biphenyl
 Concen: 48.837 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

Tgt Ion:154 Resp: 471144
 Ion Ratio Lower Upper
 154 100
 153 41.4 19.8 59.8
 76 12.5 0.0 31.9

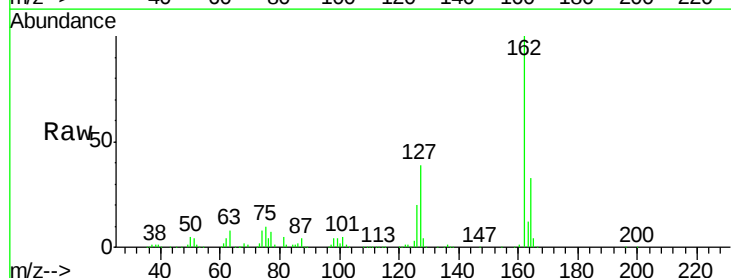


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

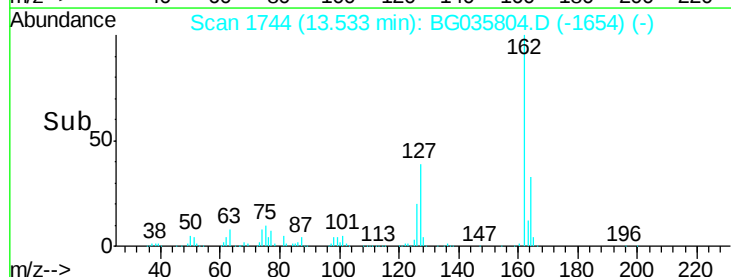
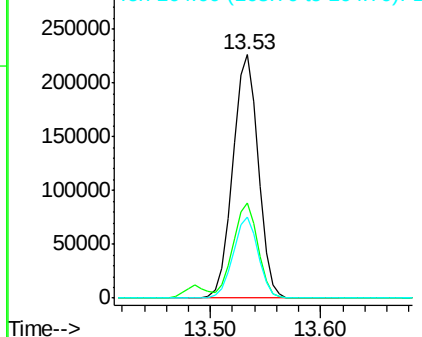


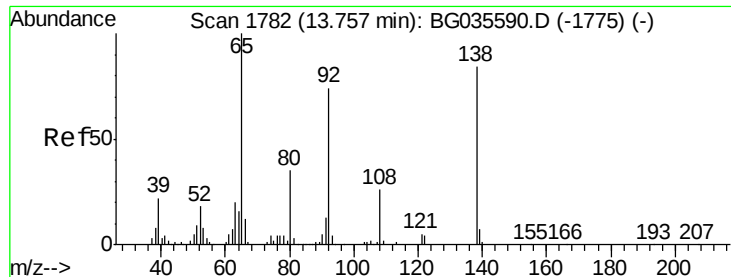
#46
 2-Chloronaphthalene
 Concen: 48.759 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion:162 Resp: 365891
 Ion Ratio Lower Upper
 162 100
 127 39.2 30.7 46.1
 164 33.3 26.0 39.0



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





#47

2-Nitroaniline

Concen: 46.165 ng

RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

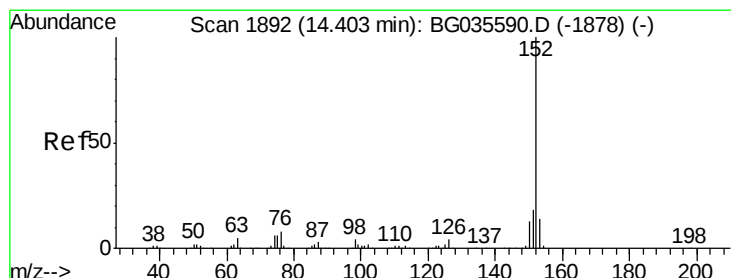
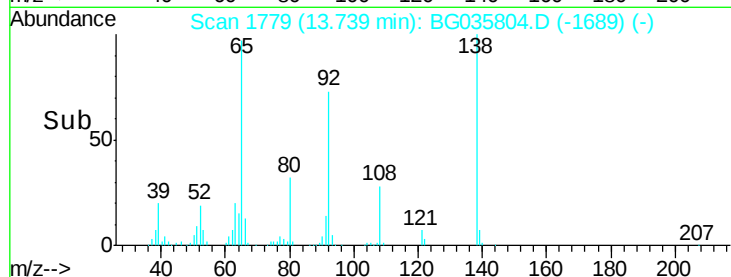
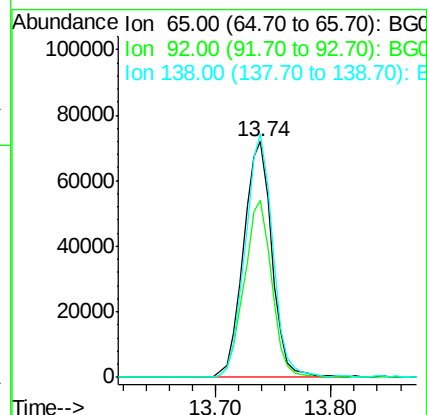
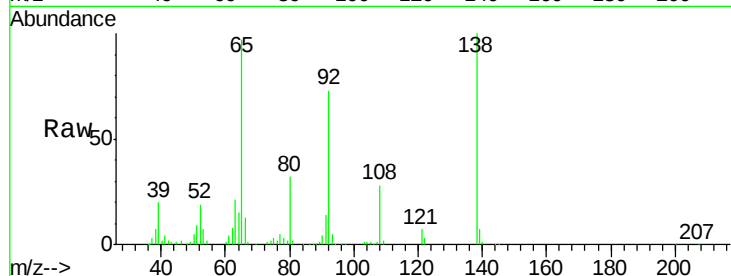
Tgt Ion: 65 Resp: 122472

Ion Ratio Lower Upper

65 100

92 75.2 54.6 82.0

138 103.2 72.9 109.3



#48

Acenaphthylene

Concen: 48.252 ng

RT: 14.38 min Scan# 1888

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

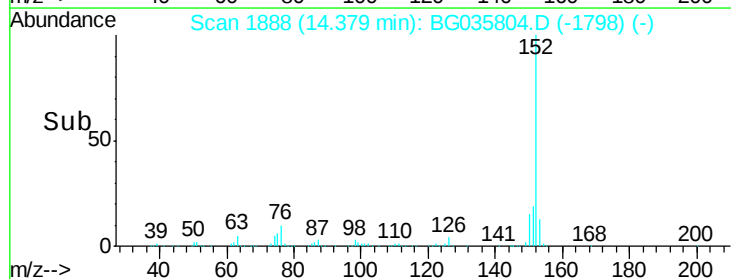
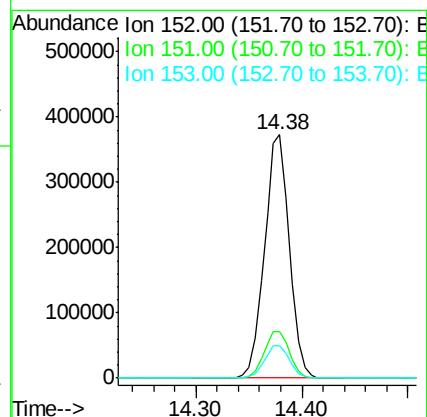
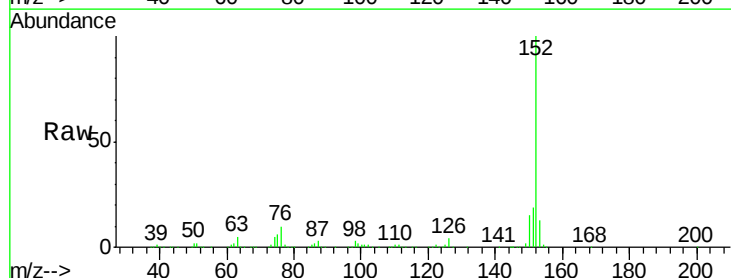
Tgt Ion: 152 Resp: 606536

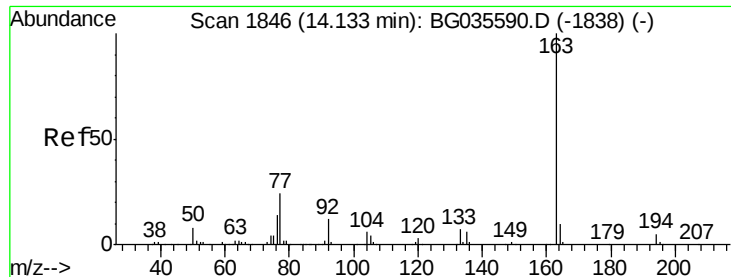
Ion Ratio Lower Upper

152 100

151 19.1 17.2 25.8

153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 47.035 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

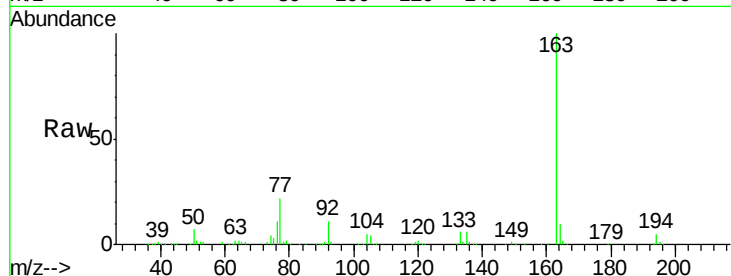
Tgt Ion:163 Resp: 512779

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

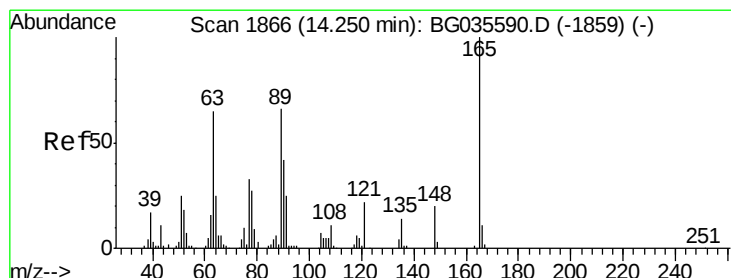
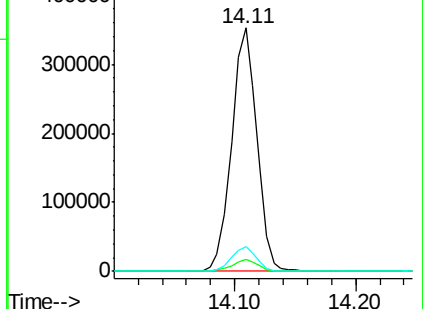
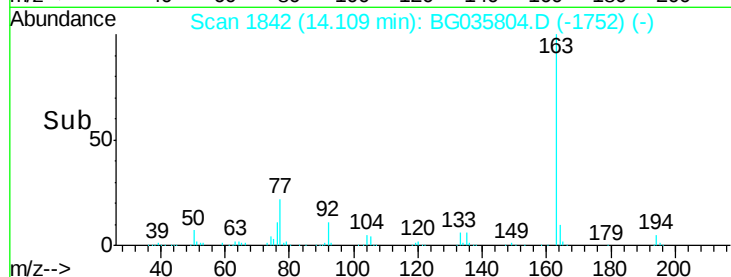
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.383 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

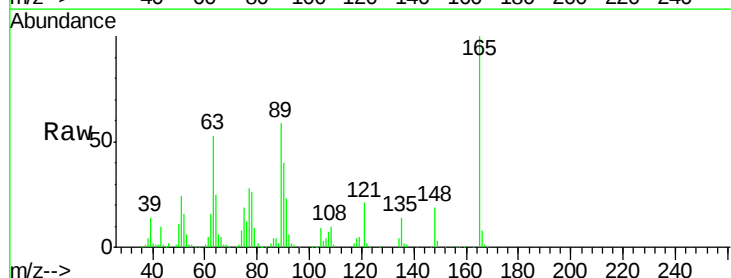
Tgt Ion:165 Resp: 116296

Ion Ratio Lower Upper

165 100

63 53.5 52.7 79.1

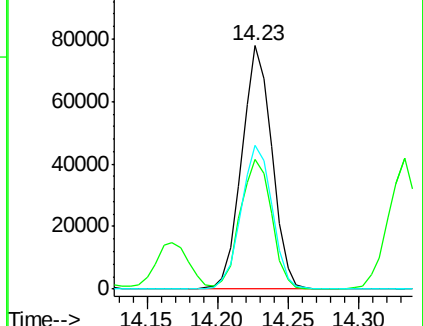
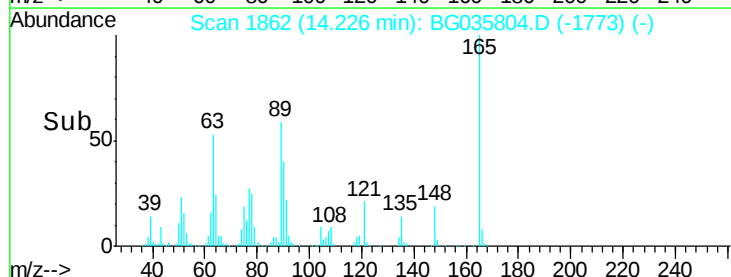
89 59.2 49.2 73.8

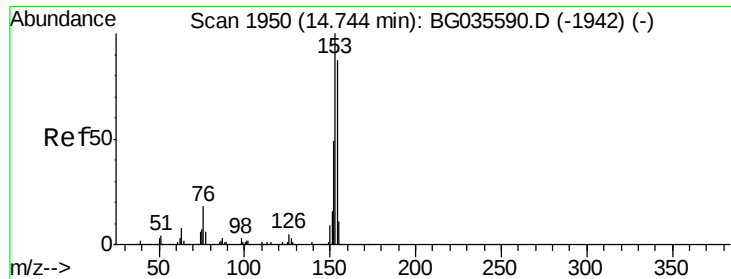


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.834 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

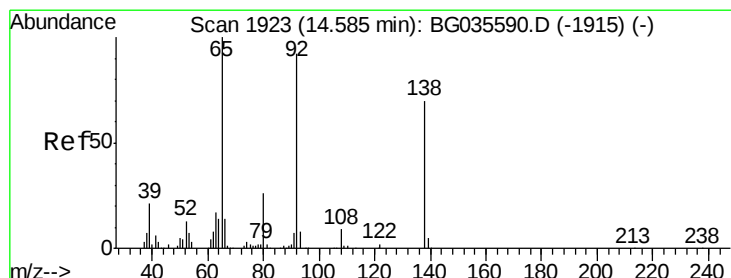
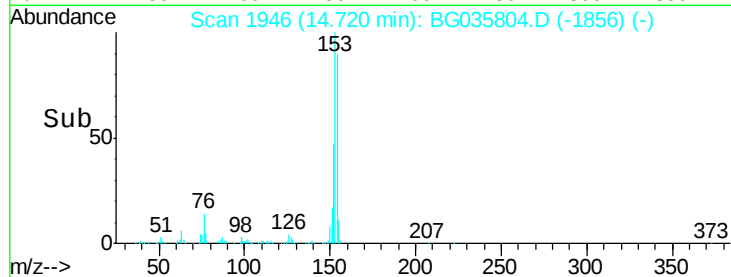
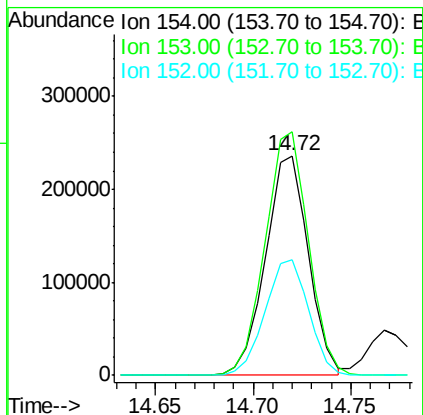
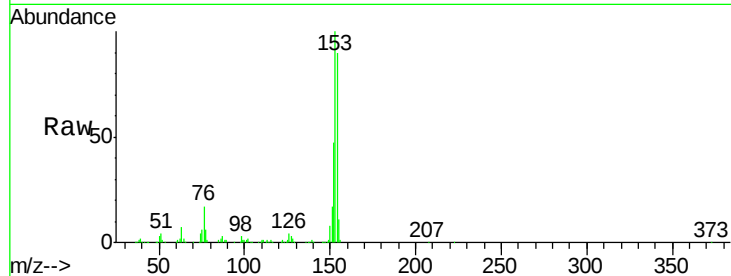
Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

Tgt Ion:	154	Resp:	358897
Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.4	135.6
152	52.5	41.6	62.4



#52

3-Nitroaniline

Concen: 6.599 ng

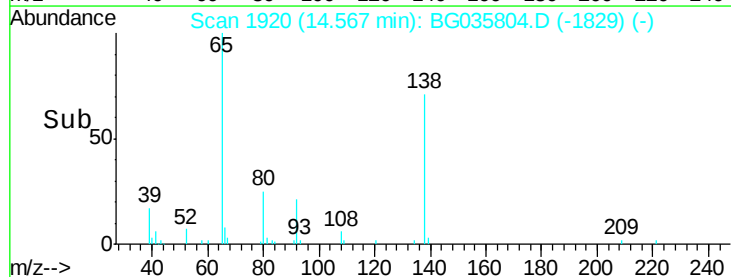
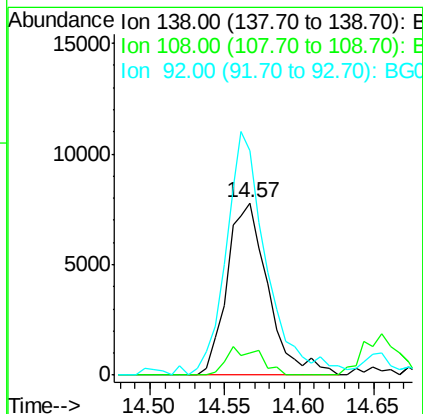
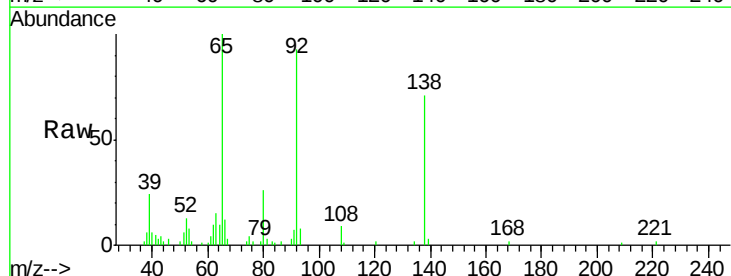
RT: 14.57 min Scan# 1920

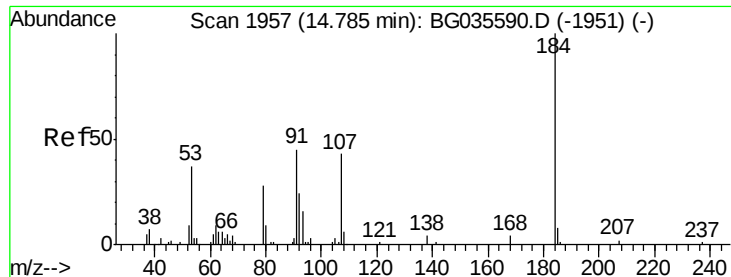
Delta R.T. 0.01 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Tgt Ion:	138	Resp:	14973
Ion	Ratio	Lower	Upper
138	100		
108	12.6	17.5	26.3#
92	130.0	105.8	158.8





#53

2,4-Dinitrophenol

Concen: 96.690 ng

RT: 14.77 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

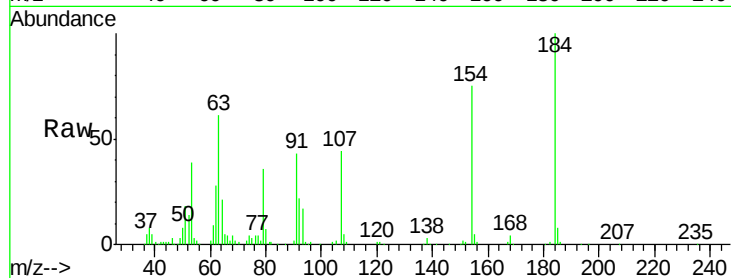
Tgt Ion:184 Resp: 112095

Ion Ratio Lower Upper

184 100

63 60.7 59.8 89.8

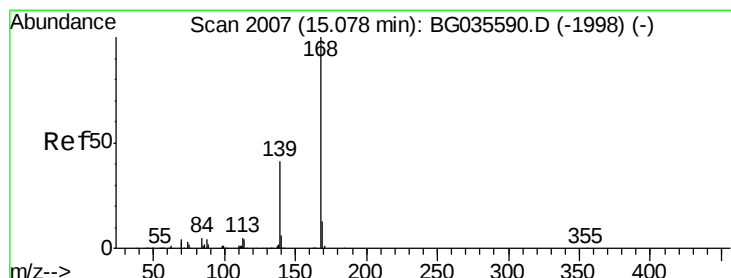
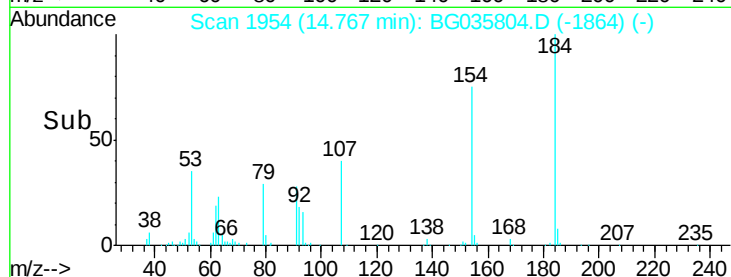
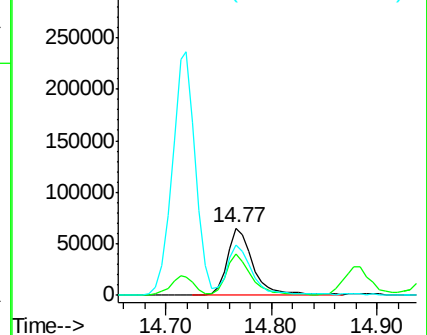
154 74.8 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.252 ng

RT: 15.05 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

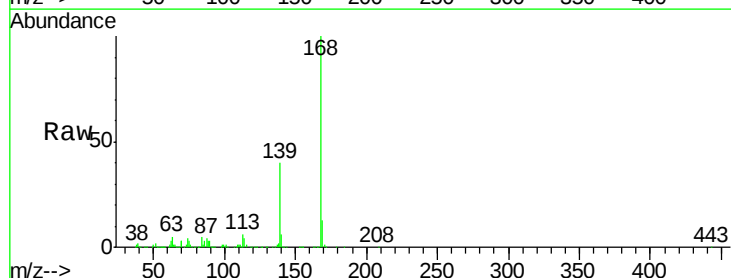
Tgt Ion:168 Resp: 588438

Ion Ratio Lower Upper

168 100

139 40.4 28.6 43.0

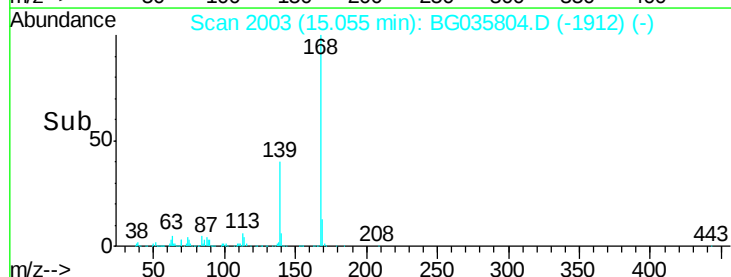
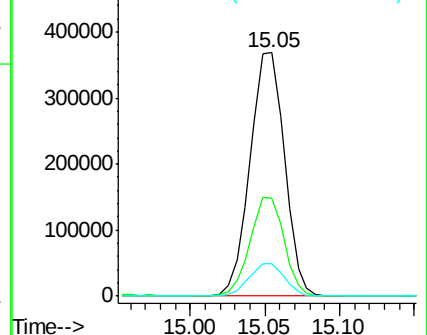
169 13.4 11.2 16.8

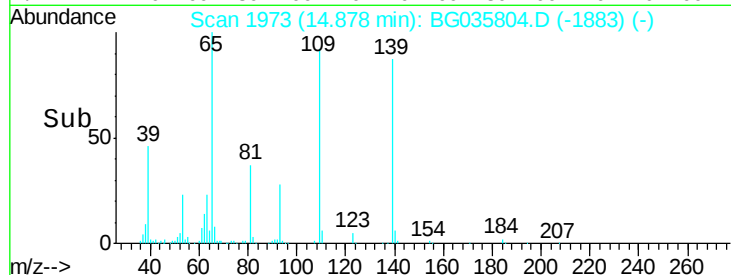
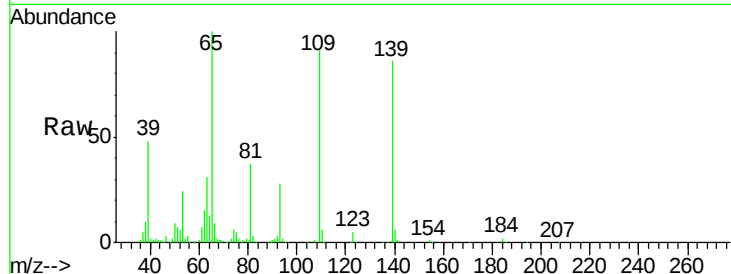


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

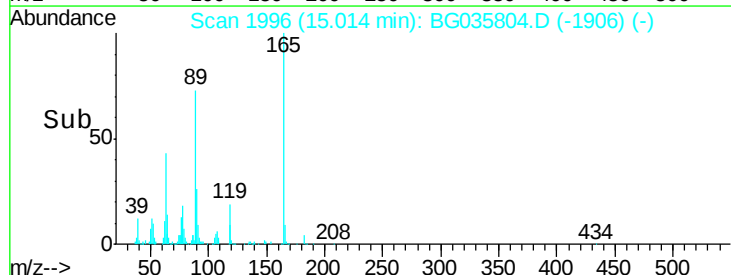
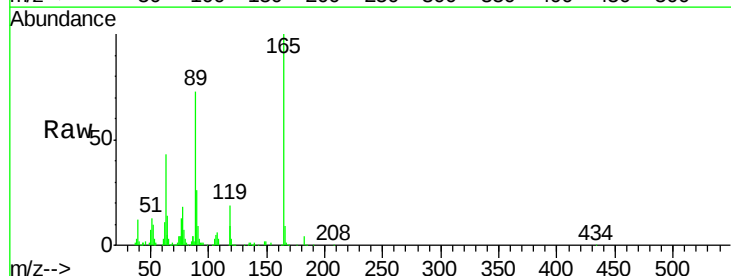
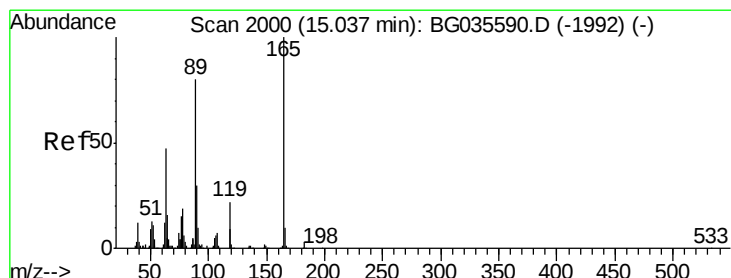
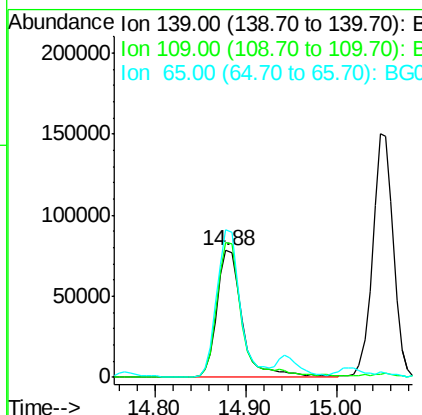




#55
4-Nitrophenol
Concen: 94.826 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

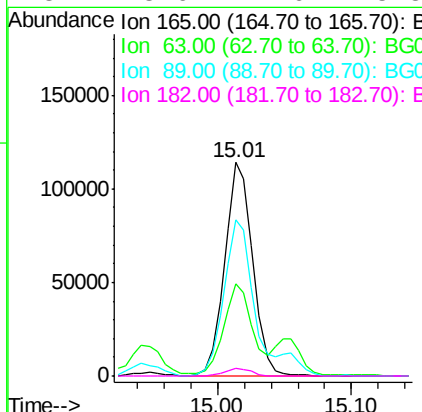
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

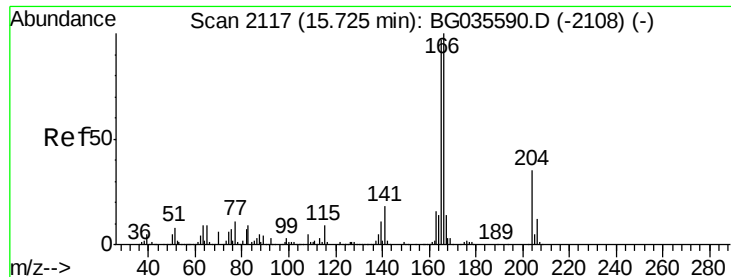
Tgt Ion:139 Resp: 153235
Ion Ratio Lower Upper
139 100
109 105.9 62.2 102.2#
65 115.9 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 52.396 ng
RT: 15.01 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion:165 Resp: 166883
Ion Ratio Lower Upper
165 100
63 43.3 42.0 63.0
89 73.4 66.9 100.3
182 3.6 2.6 3.8





#57

Fluorene

Concen: 47.169 ng

RT: 15.70 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

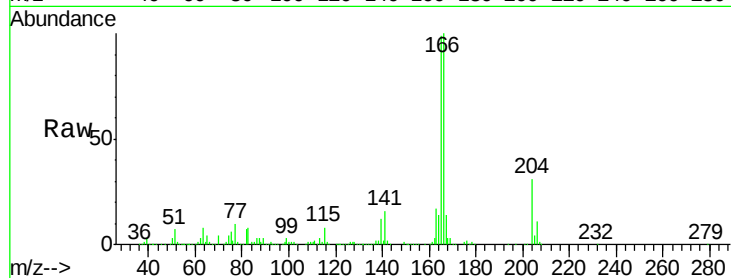
Tgt Ion:166 Resp: 492329

Ion Ratio Lower Upper

166 100

165 98.5 80.6 121.0

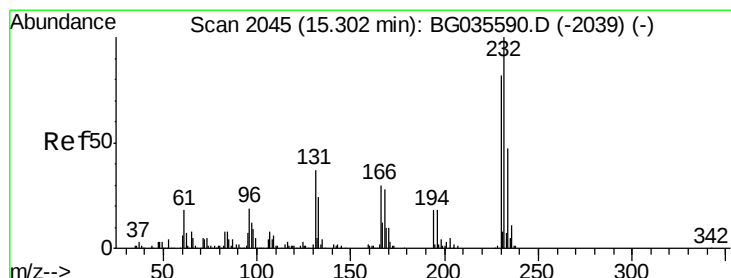
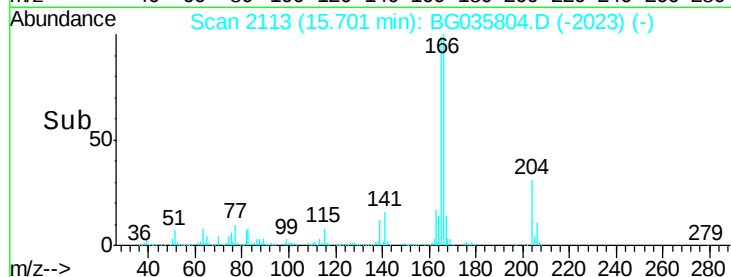
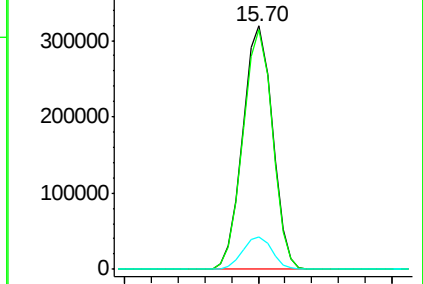
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.257 ng

RT: 15.28 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Tgt Ion:232 Resp: 150999

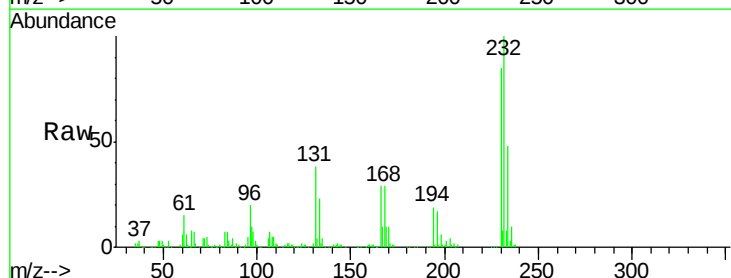
Ion Ratio Lower Upper

232 100

131 37.7 33.5 50.3

130 2.5 2.2 3.2

166 28.4 24.8 37.2

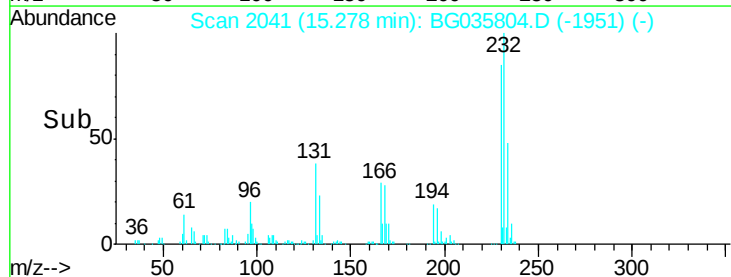
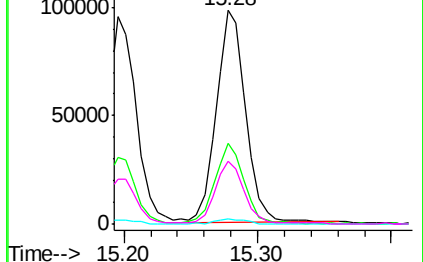


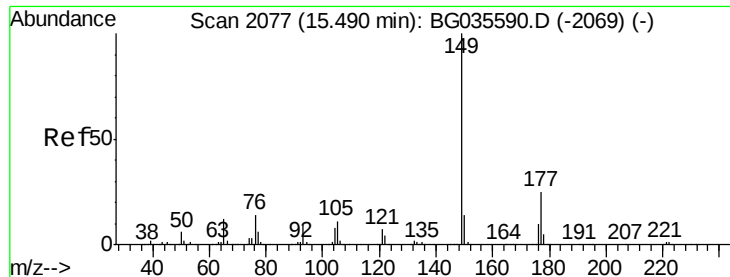
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.918 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

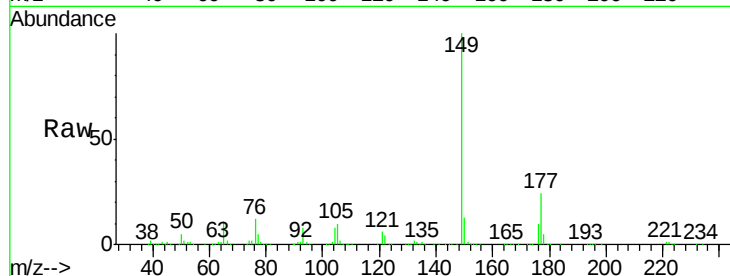
Tgt Ion:149 Resp: 503542

Ion Ratio Lower Upper

149 100

177 23.6 18.5 27.7

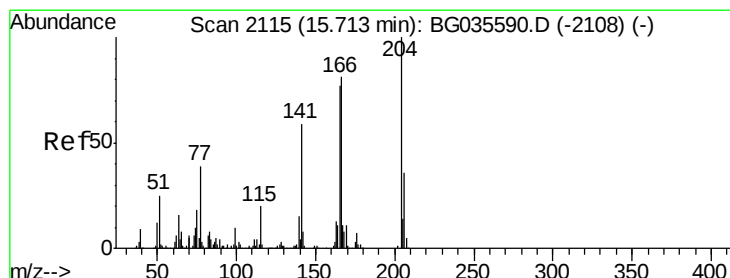
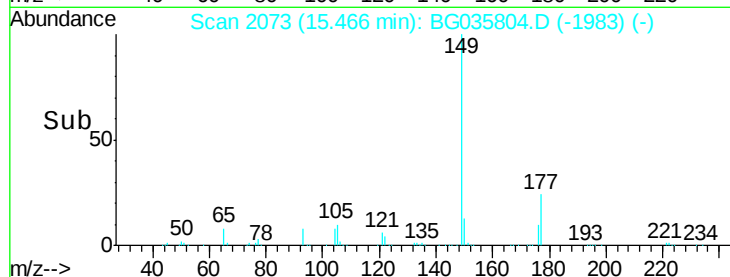
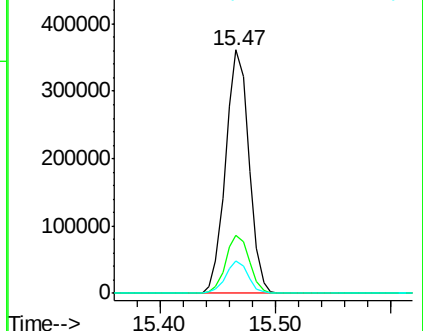
150 13.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.712 ng

RT: 15.69 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

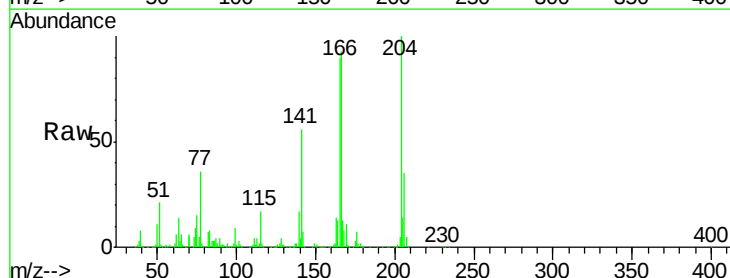
Tgt Ion:204 Resp: 286565

Ion Ratio Lower Upper

204 100

206 34.6 26.2 39.2

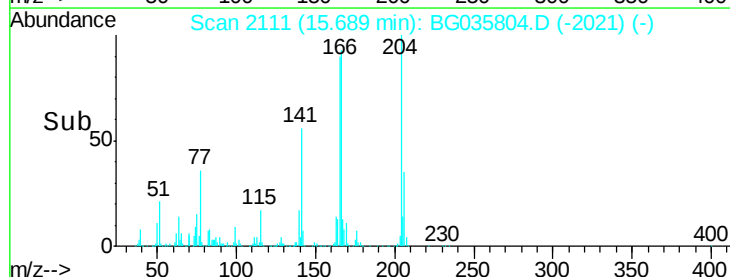
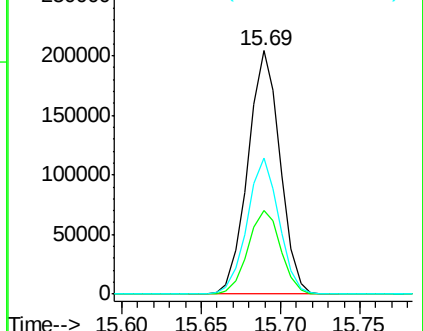
141 55.7 45.8 68.6

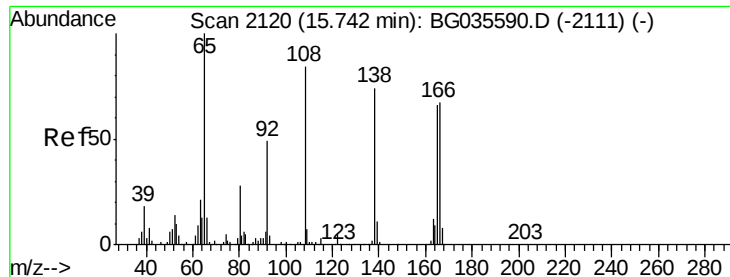


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

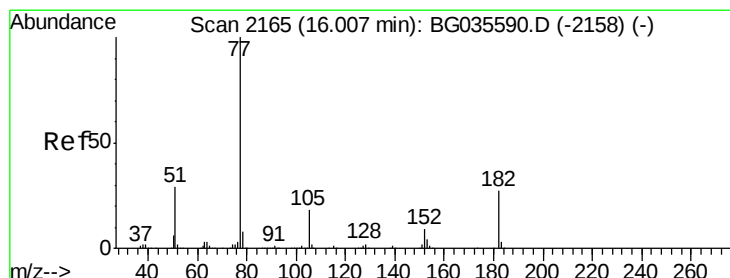
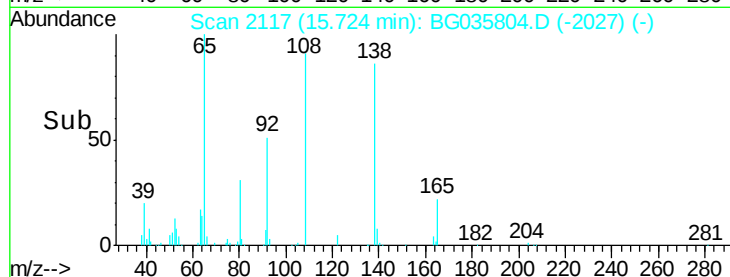
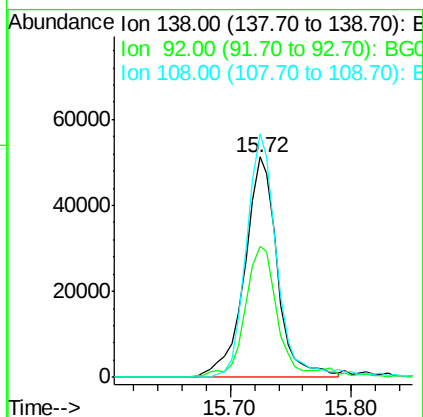
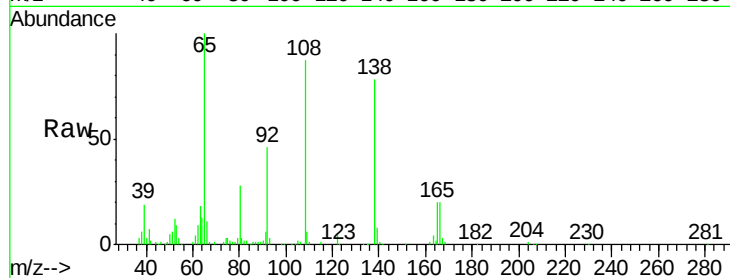




#61
4-Nitroaniline
Concen: 40.965 ng
RT: 15.72 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

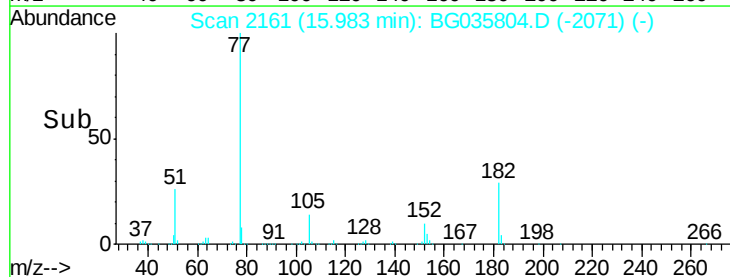
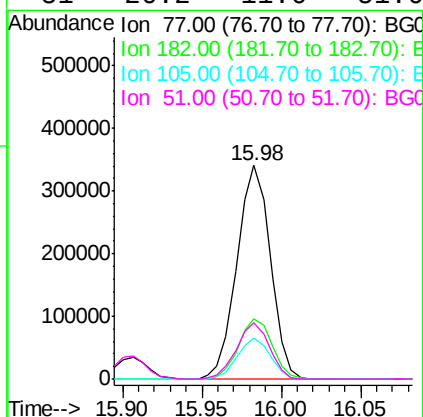
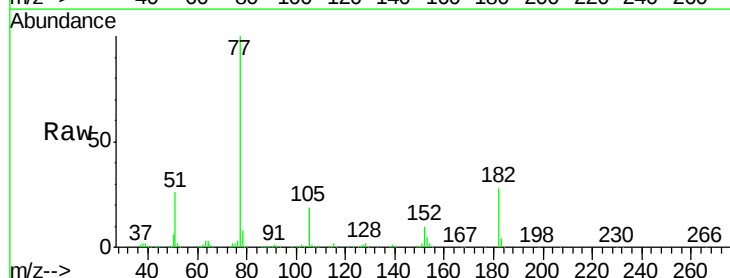
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

Tgt Ion: 138 Resp: 97232
Ion Ratio Lower Upper
138 100
92 59.4 40.1 80.1
108 110.6 65.4 105.4#



#62
Azobenzene
Concen: 45.110 ng
RT: 15.98 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion: 77 Resp: 498811
Ion Ratio Lower Upper
77 100
182 28.1 7.4 47.4
105 19.0 0.3 40.3
51 26.2 11.6 51.6

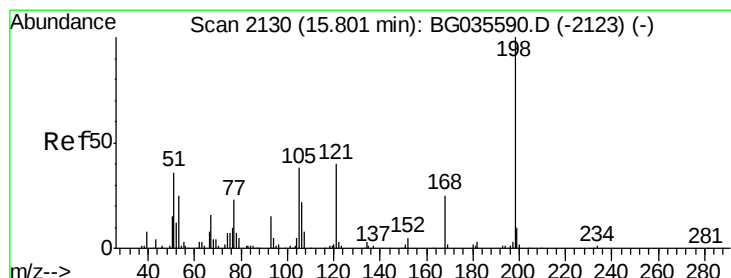
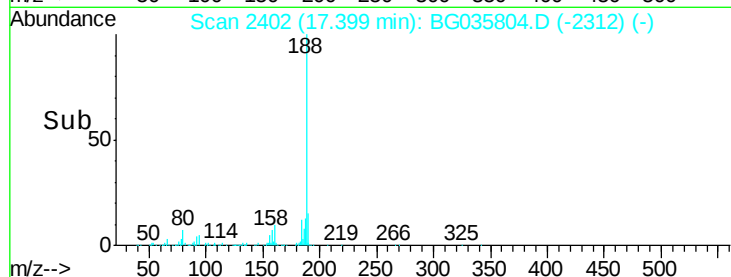
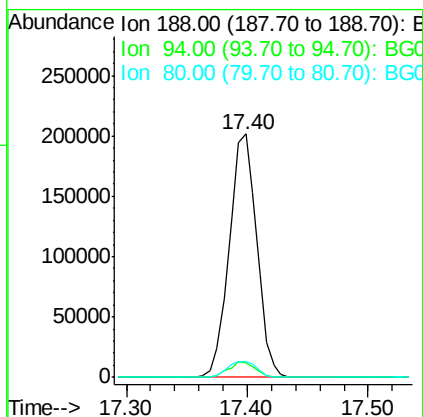
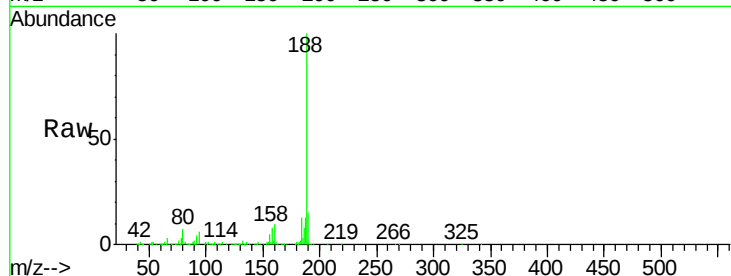




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

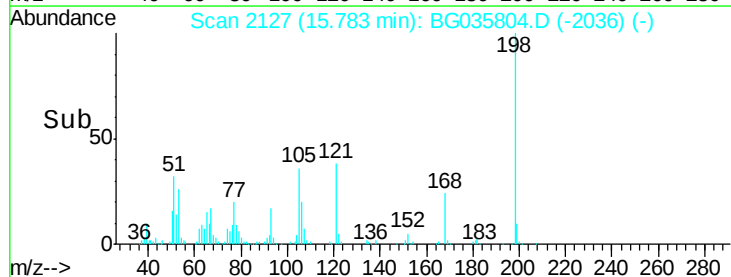
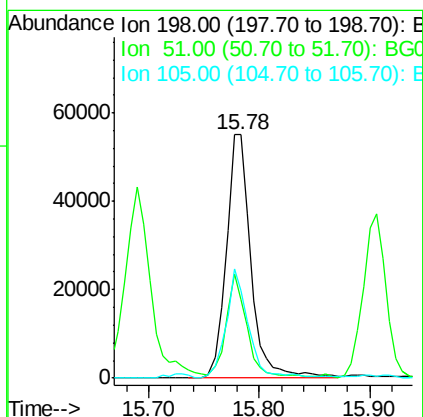
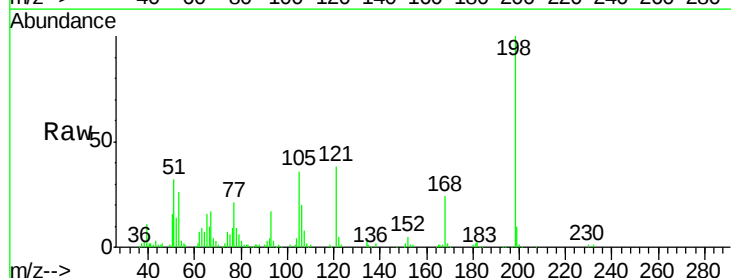
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

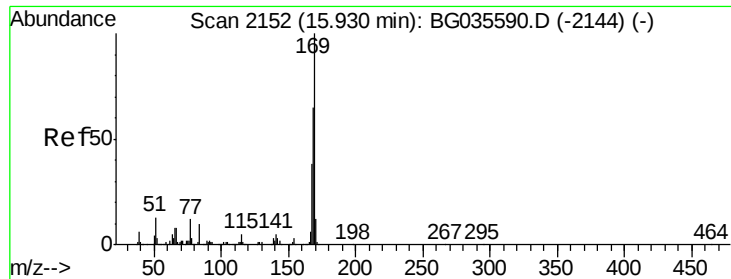
Tgt Ion:188 Resp: 319863
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 6.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.573 ng
RT: 15.78 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion:198 Resp: 86487
Ion Ratio Lower Upper
198 100
51 32.4 30.6 70.6
105 36.1 23.8 63.8

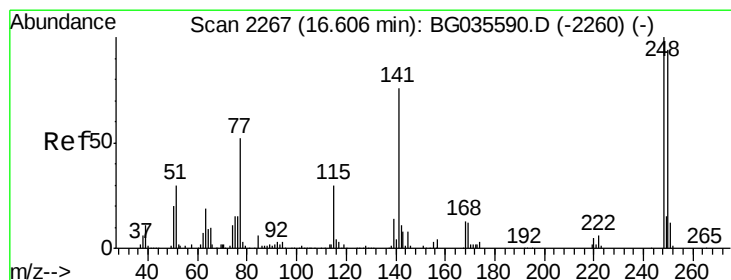
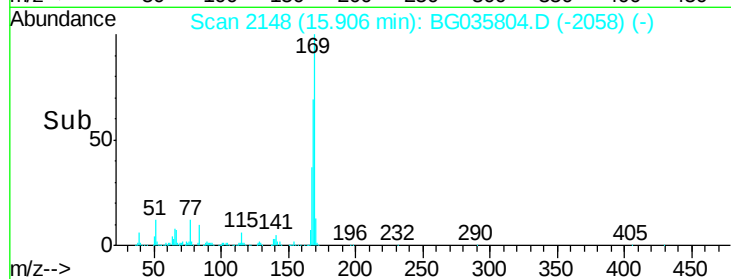
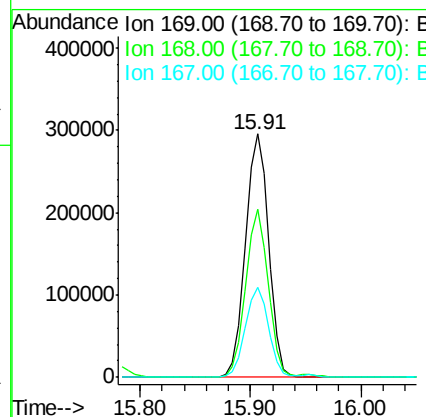
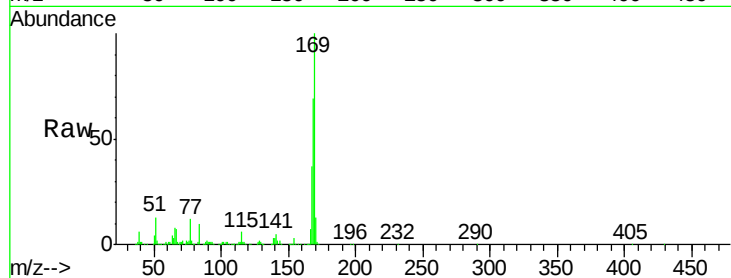




#65
 n-Nitrosodiphenylamine
 Concen: 47.980 ng
 RT: 15.91 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

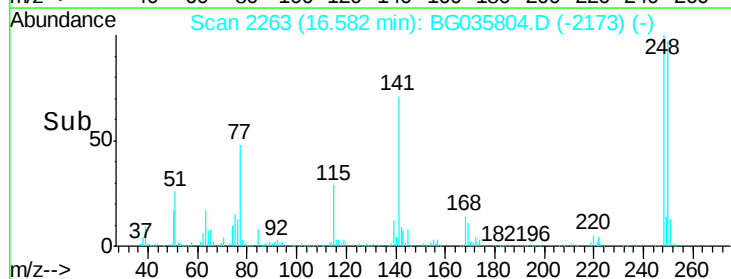
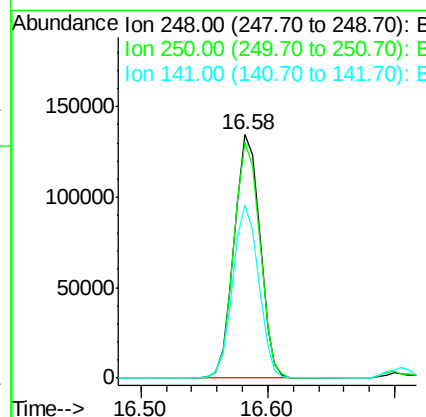
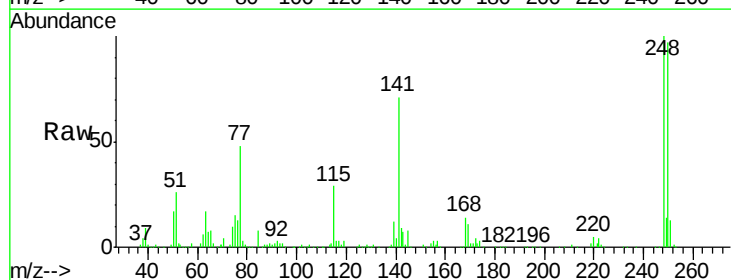
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

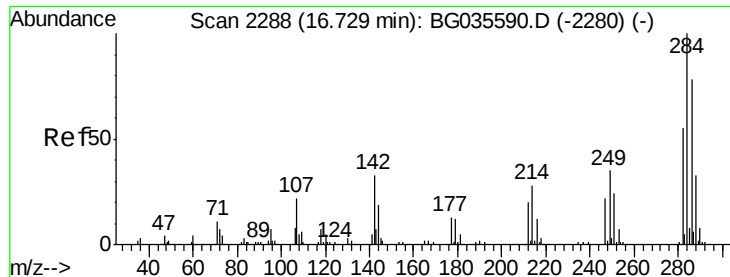
Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	36.8	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 51.093 ng
 RT: 16.58 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.1	115.7
141	71.1	50.8	76.2





#67

Hexachlorobenzene

Concen: 51.118 ng

RT: 16.71 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

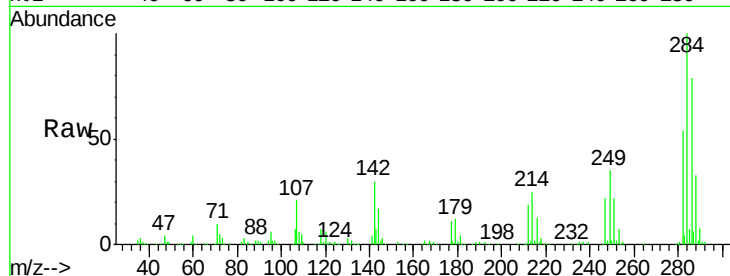
Tgt Ion:284 Resp: 195350

Ion Ratio Lower Upper

284 100

142 29.9 26.8 40.2

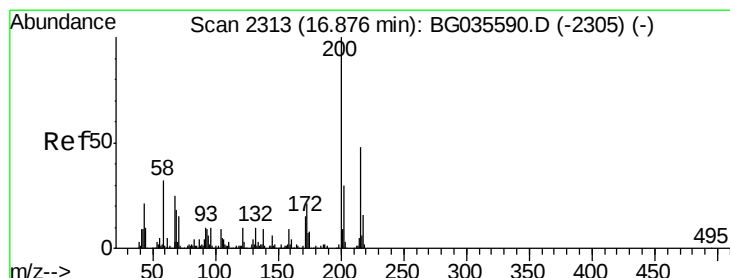
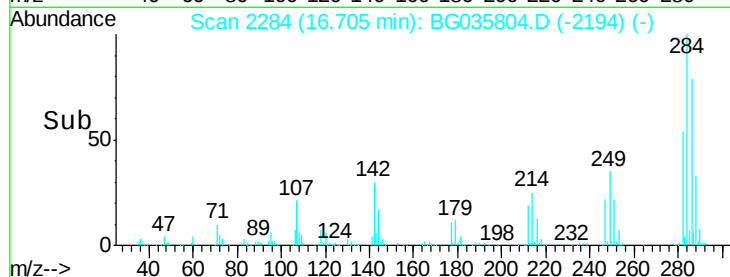
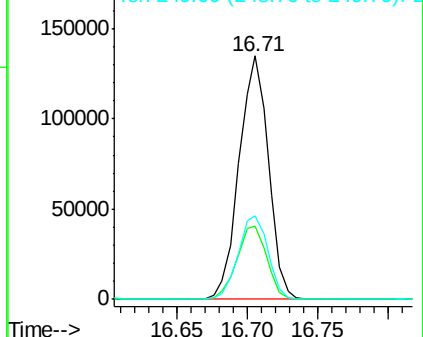
249 34.6 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.505 ng

RT: 16.85 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

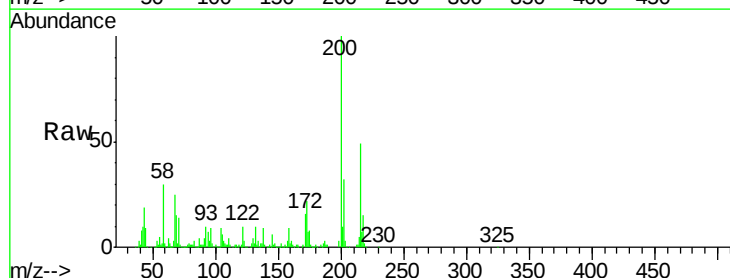
Tgt Ion:200 Resp: 178076

Ion Ratio Lower Upper

200 100

173 22.3 5.2 45.2

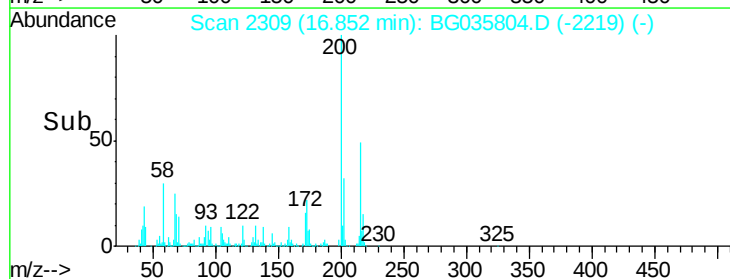
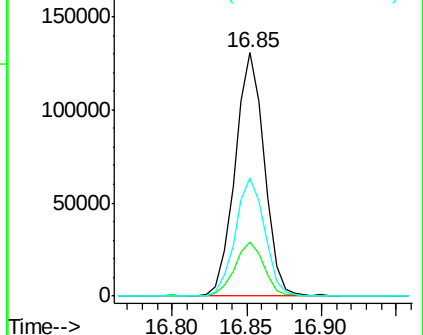
215 48.5 30.4 70.4

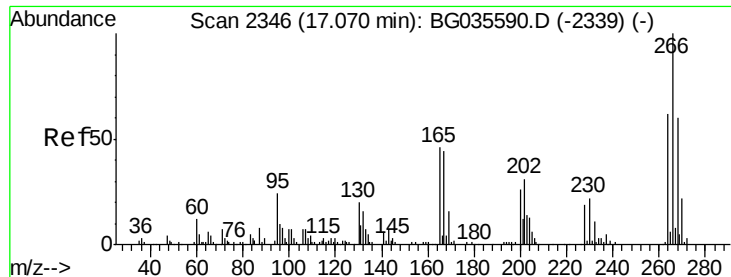


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

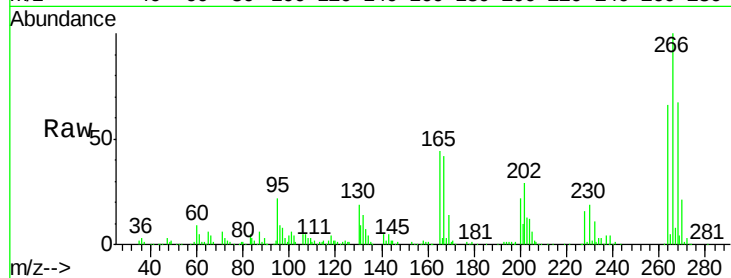




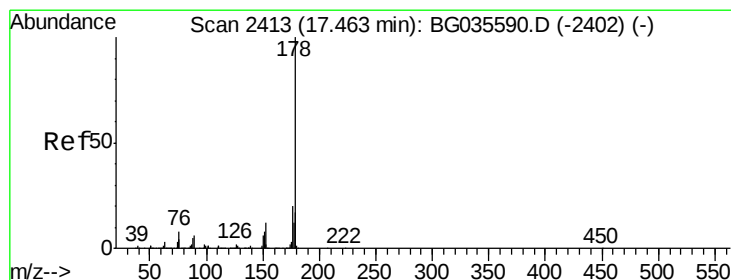
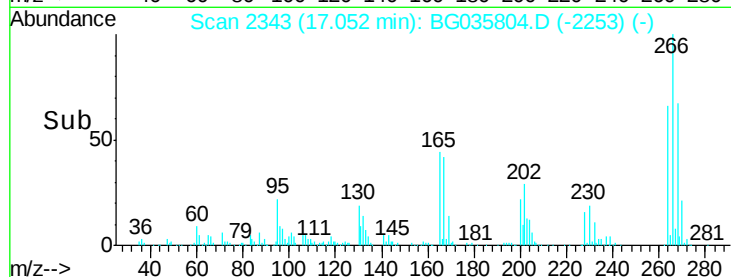
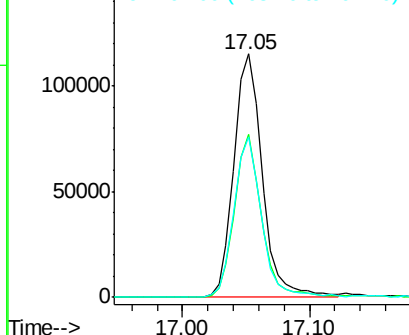
#69
 Pentachlorophenol
 Concen: 76.914 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

Tgt Ion:266 Resp: 179034
 Ion Ratio Lower Upper
 266 100
 268 66.7 51.1 76.7
 264 65.9 49.6 74.4

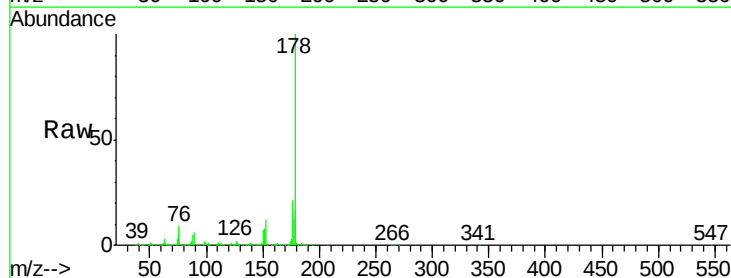


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

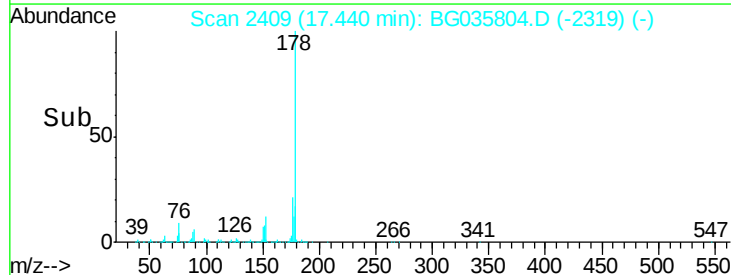
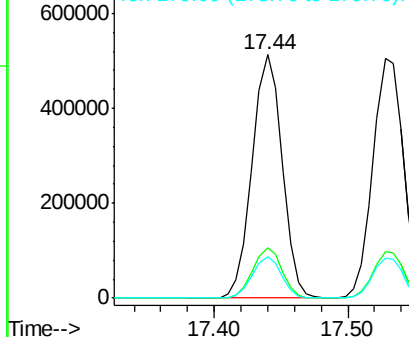


#70
 Phenanthrene
 Concen: 49.648 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion:178 Resp: 792417
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 17.2 12.5 18.7



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

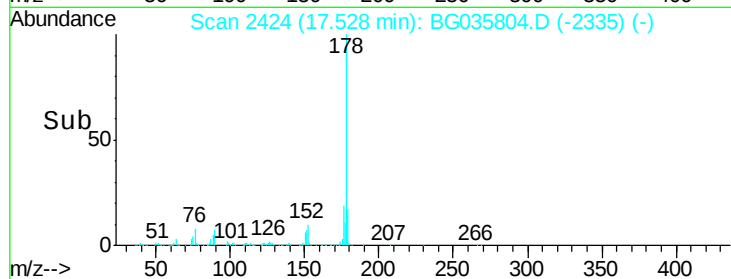
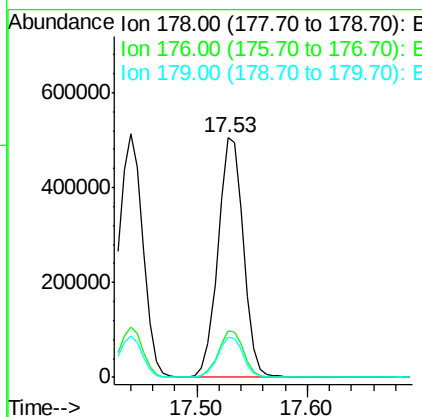
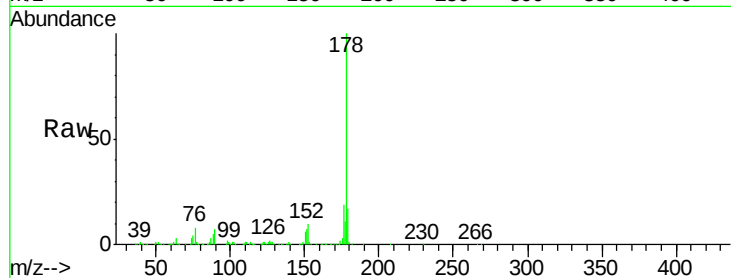




#71
 Anthracene
 Concen: 50.601 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

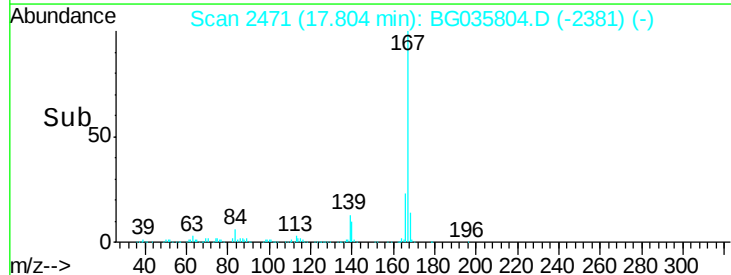
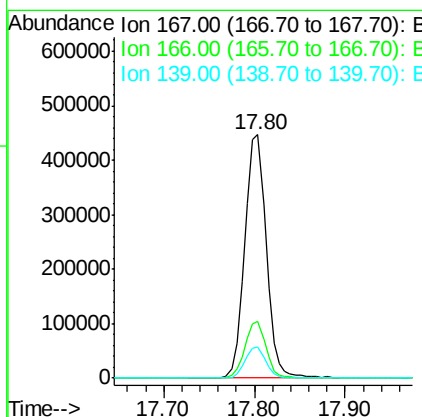
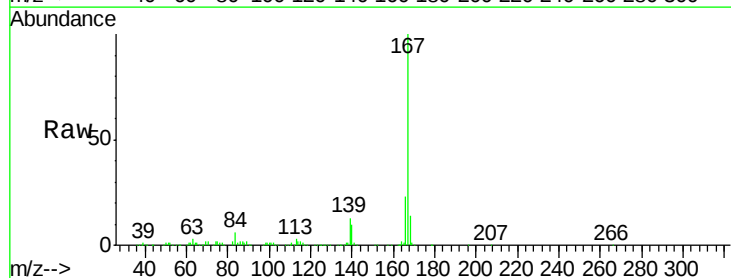
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

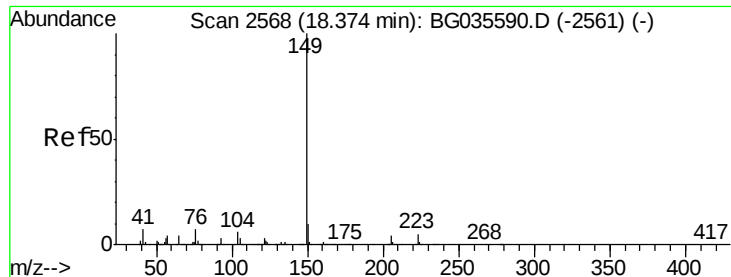
Tgt Ion:178 Resp: 804172
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 48.840 ng
 RT: 17.80 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion:167 Resp: 737134
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 47.487 ng

RT: 18.35 min Scan# 2564

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

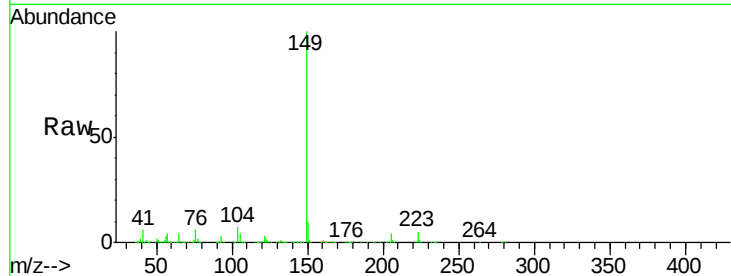
Tgt Ion:149 Resp: 846947

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

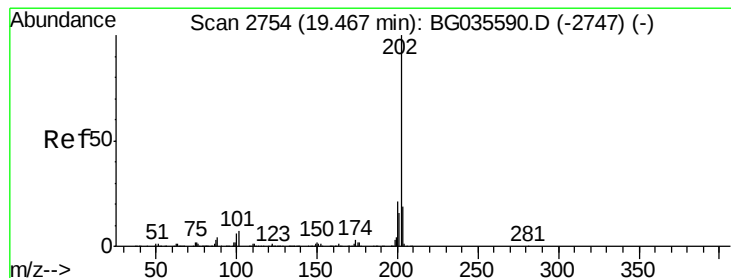
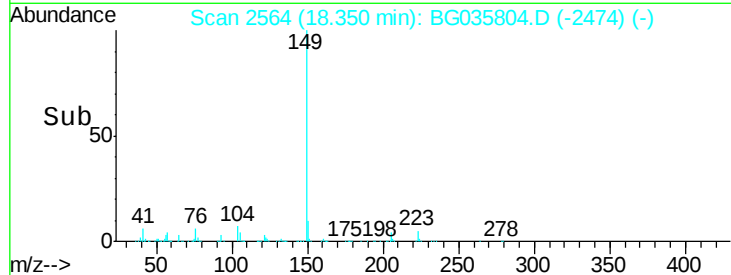
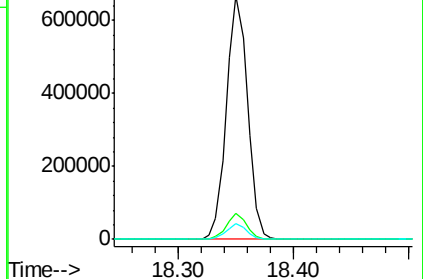
104 6.7 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.462 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

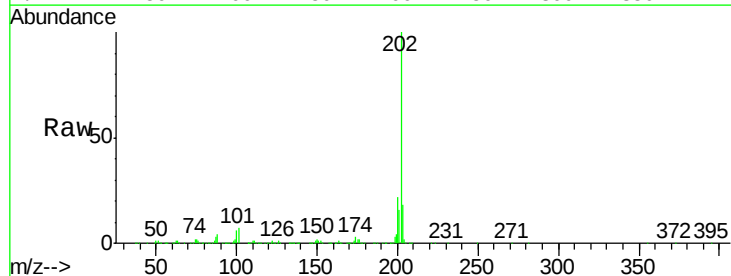
Tgt Ion:202 Resp: 1041862

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.9

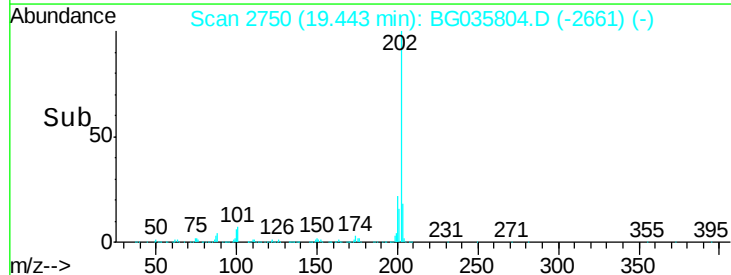
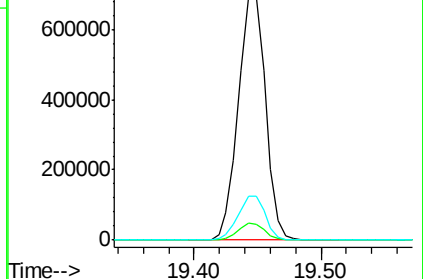
203 18.2 0.0 37.5

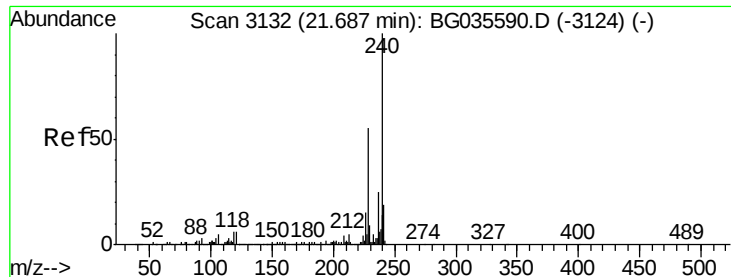


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

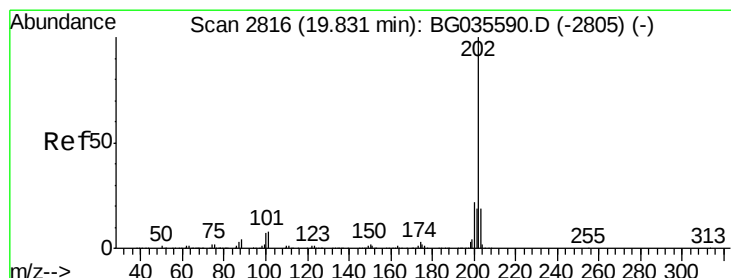
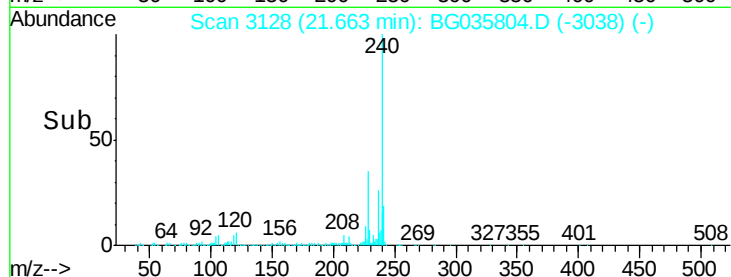
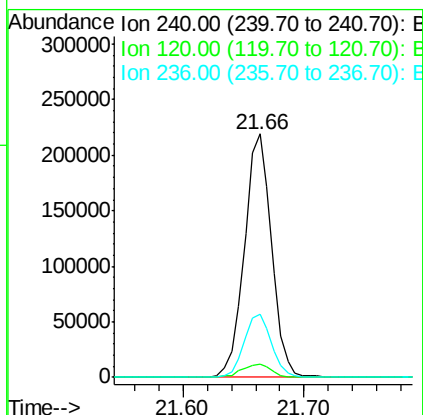
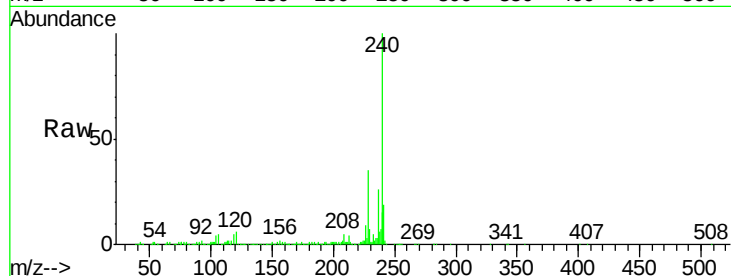




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

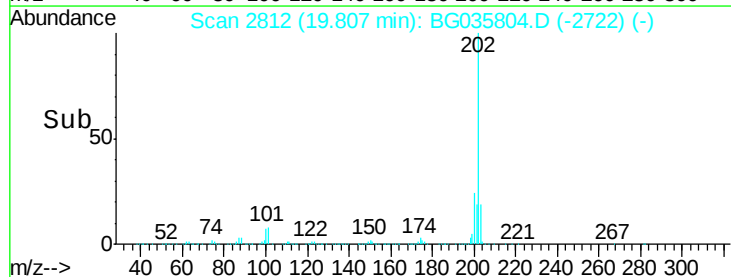
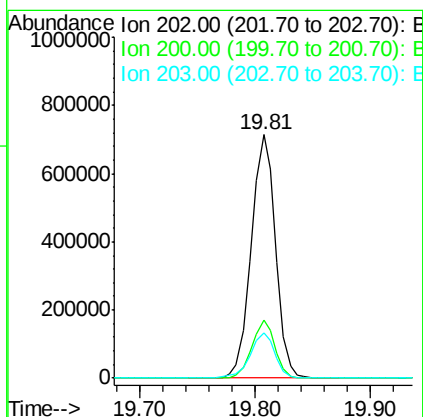
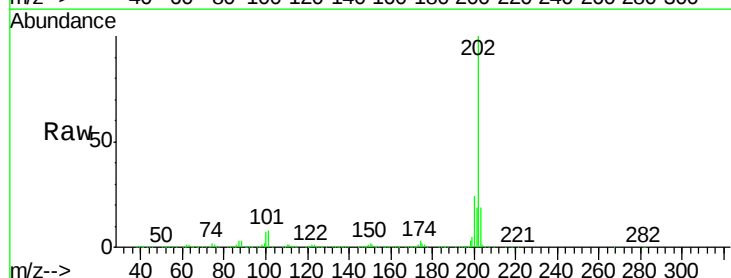
Instrument :
 BNA_G
 ClientSampleId :
 BU-01-071918MS

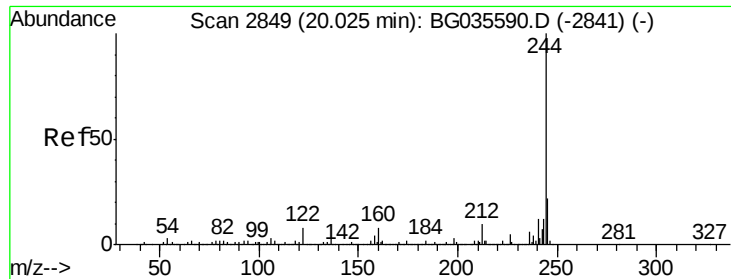
Tgt Ion: 240 Resp: 343602
 Ion Ratio Lower Upper
 240 100
 120 5.7 6.8 10.2#
 236 25.8 20.9 31.3



#77
 Pyrene
 Concen: 48.193 ng
 RT: 19.81 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BG035804.D
 Acq: 21 Jul 2018 4:33

Tgt Ion: 202 Resp: 1047066
 Ion Ratio Lower Upper
 202 100
 200 23.9 16.9 25.3
 203 18.8 13.9 20.9





#78

Terphenyl-d14

Concen: 104.311 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

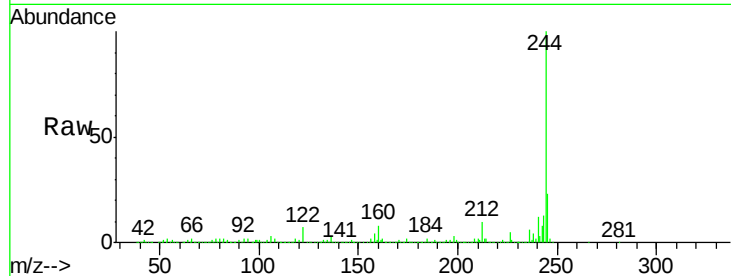
Tgt Ion:244 Resp: 1625974

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

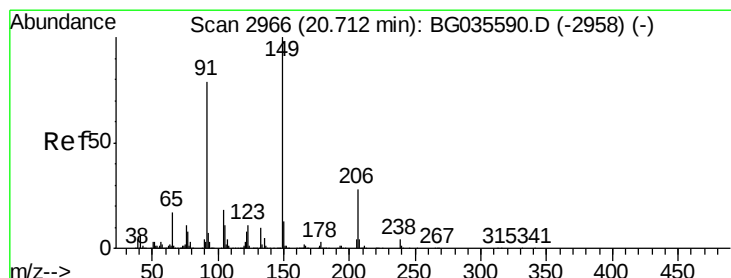
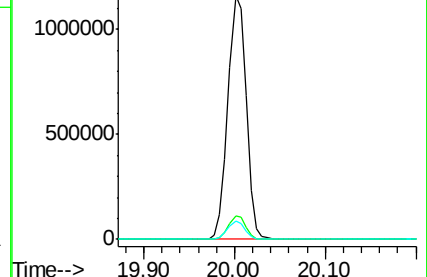
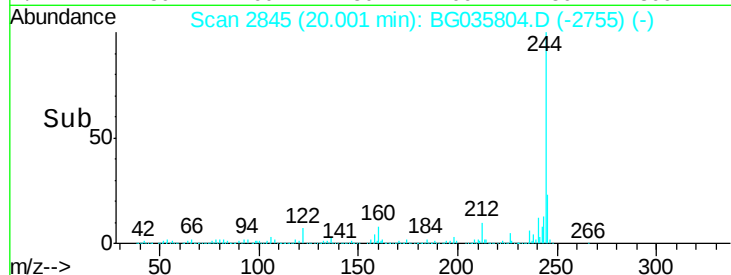
122 7.4 7.0 10.4



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: 51.665 ng

RT: 20.69 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

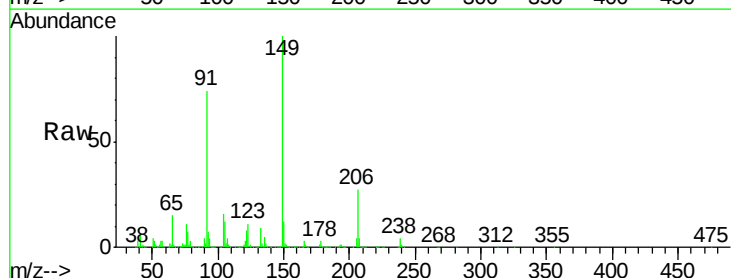
Tgt Ion:149 Resp: 401410

Ion Ratio Lower Upper

149 100

91 73.9 62.2 93.2

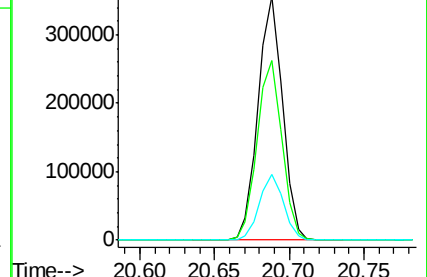
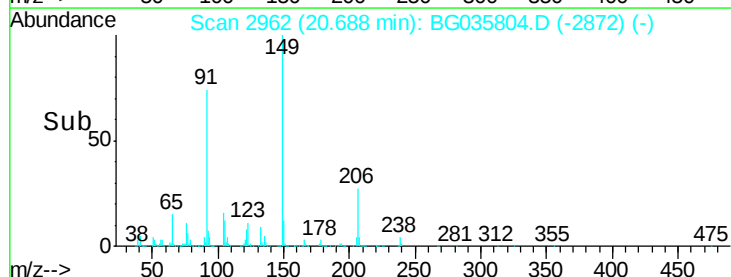
206 26.8 18.6 27.8

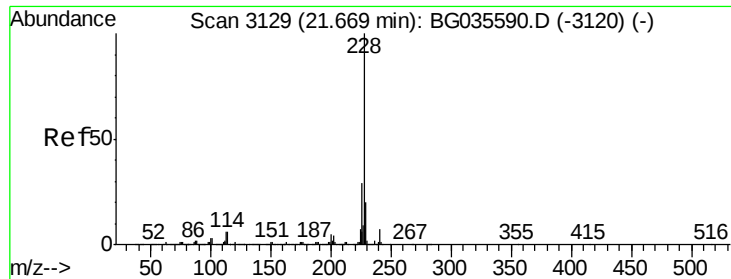


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 49.321 ng

RT: 21.64 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

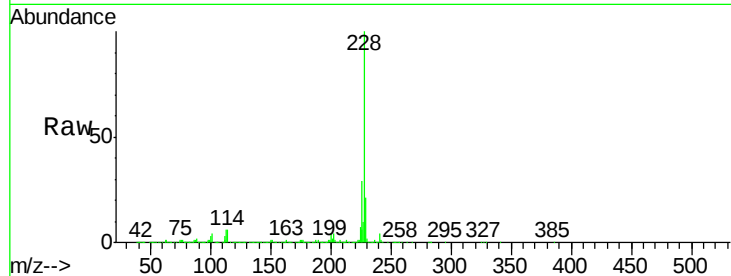
BNA_G

ClientSampleId :

BU-01-071918MS

Tgt Ion:228 Resp: 1056087

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	21.3	16.2	24.2

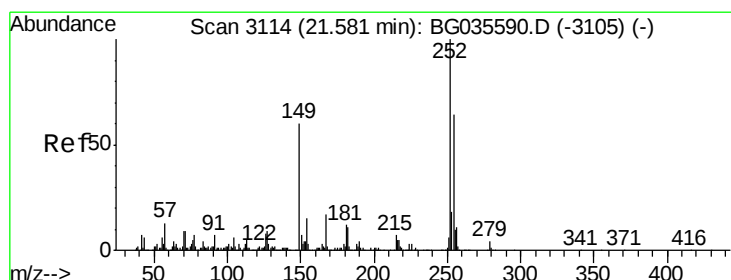
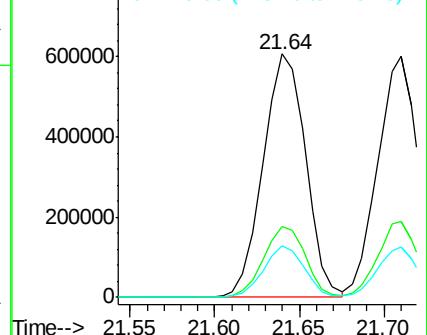
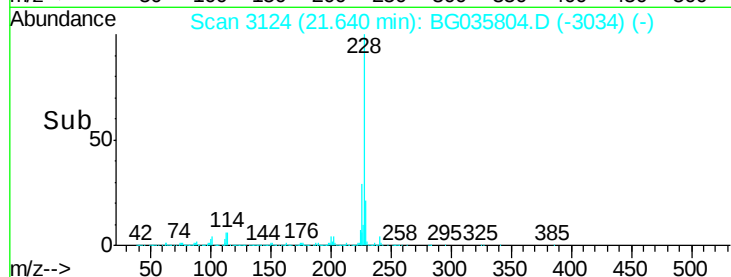


Abundance

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: 18.424 ng

RT: 21.56 min Scan# 3110

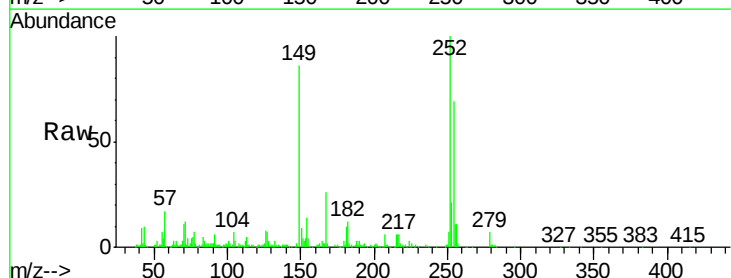
Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Tgt Ion:252 Resp: 137555

Ion	Ratio	Lower	Upper
252	100		
254	69.0	50.8	76.2
126	8.4	7.4	11.2

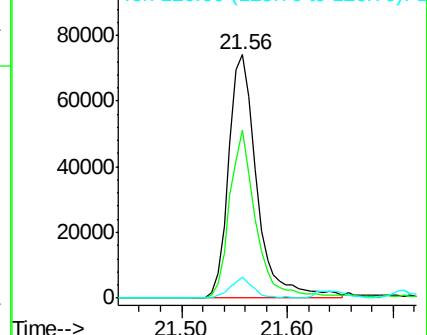
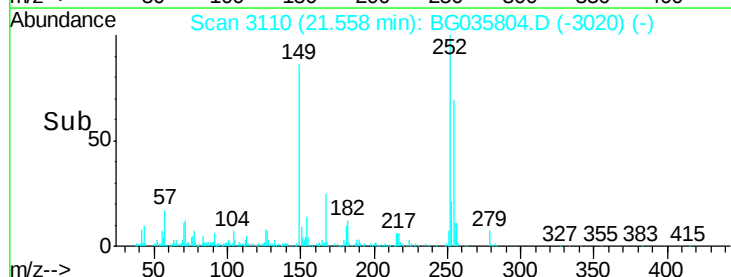


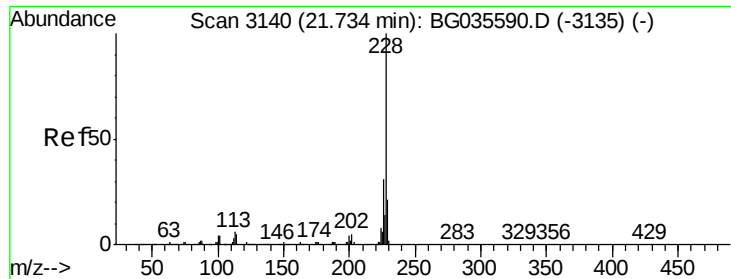
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 50.507 ng

RT: 21.71 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

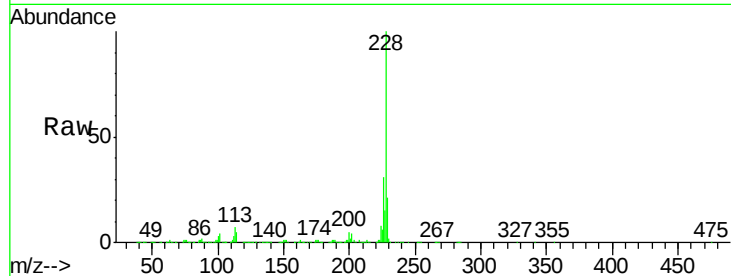
Tgt Ion:228 Resp: 1002175

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

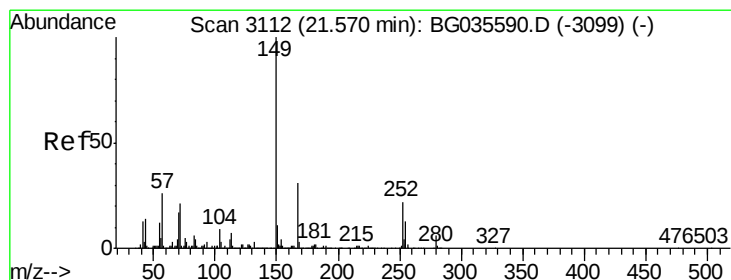
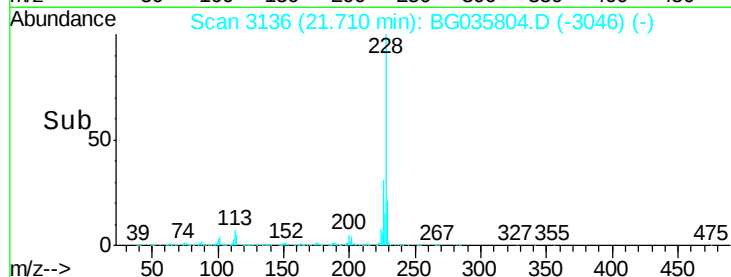
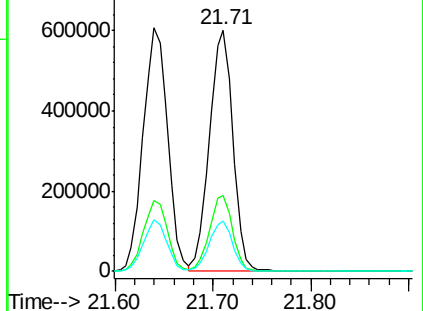
229 20.8 15.0 22.4



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: 52.720 ng

RT: 21.54 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

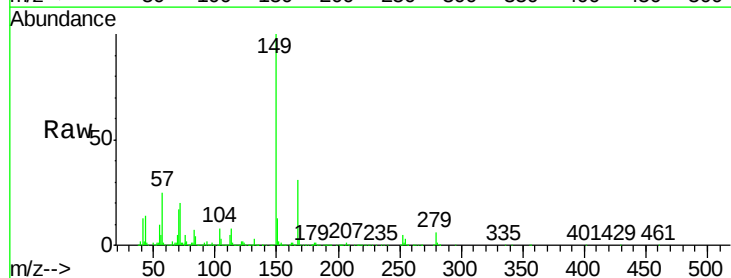
Tgt Ion:149 Resp: 556864

Ion Ratio Lower Upper

149 100

167 31.4 24.3 36.5

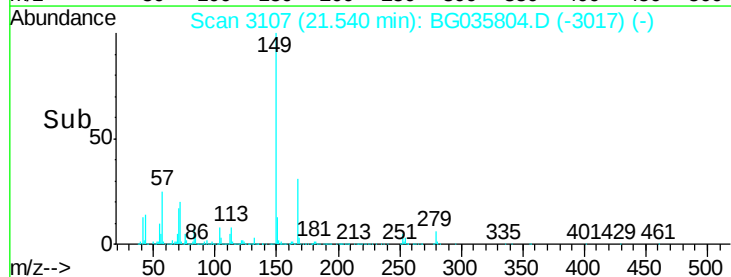
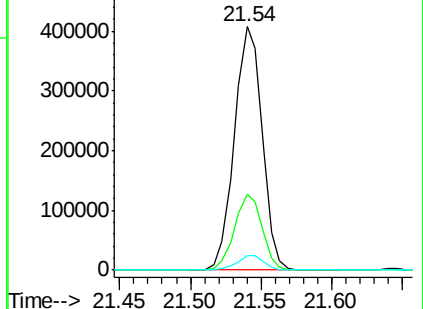
279 5.8 4.0 6.0

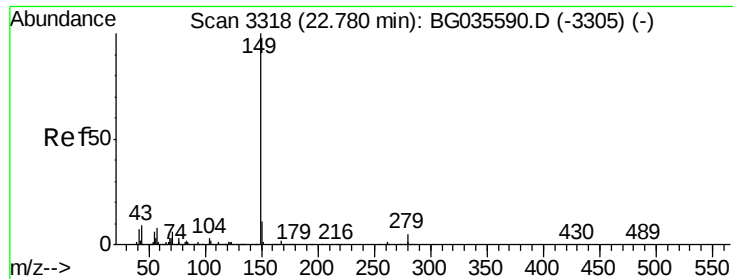


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

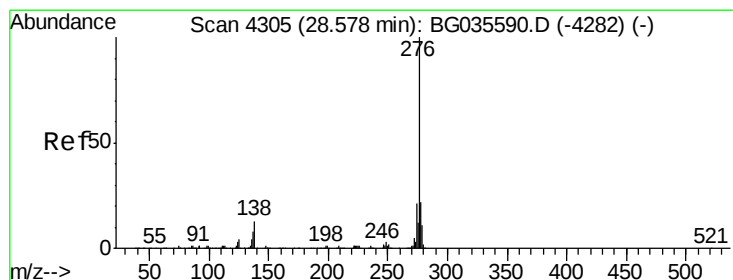
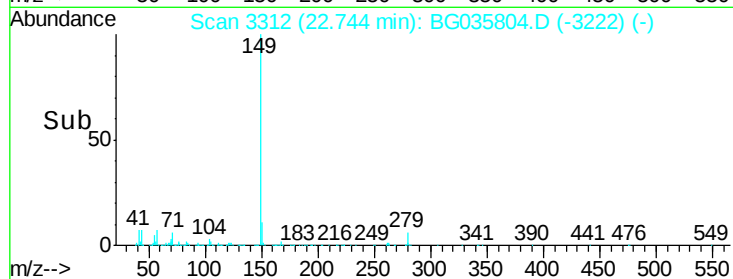
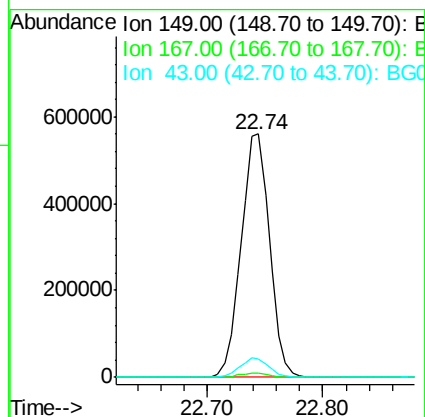
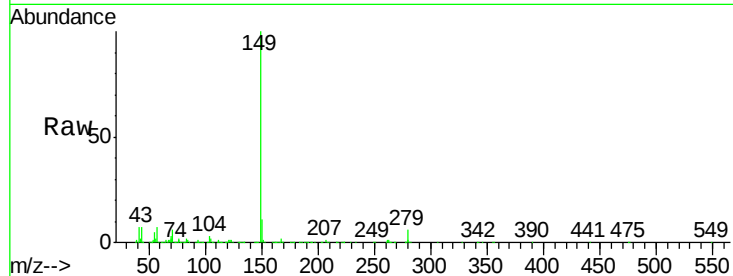




#84
Di-n-octyl phthalate
Concen: 53.926 ng
RT: 22.74 min Scan# 3312
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

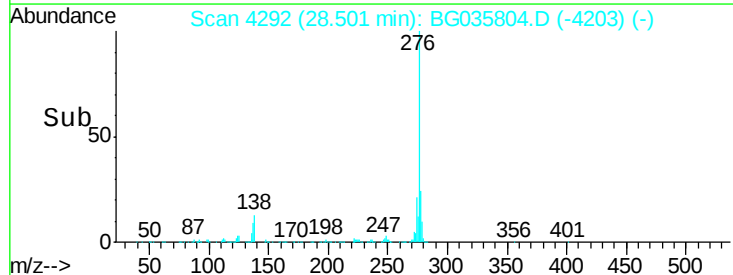
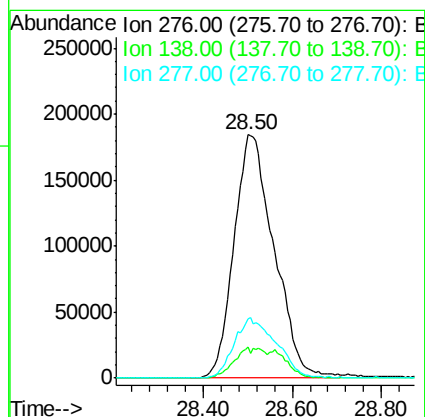
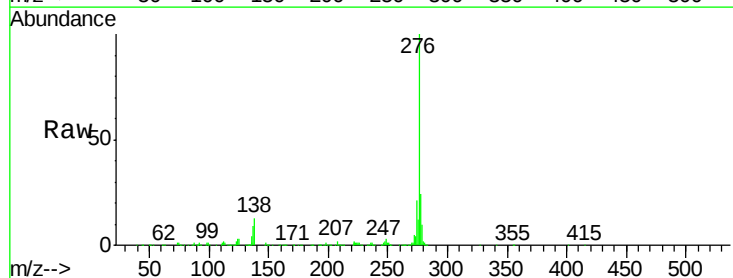
Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

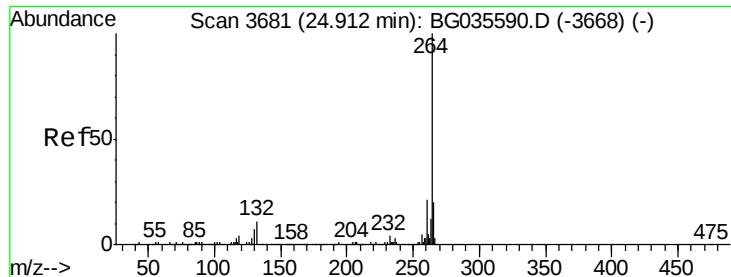
Tgt Ion:149 Resp: 953715
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 7.9 8.9 13.3#



#85
Indeno(1,2,3-cd)pyrene
Concen: 52.418 ng
RT: 28.50 min Scan# 4292
Delta R.T. -0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion:276 Resp: 1151532
Ion Ratio Lower Upper
276 100
138 5.5 16.0 24.0#
277 25.9 20.0 30.0



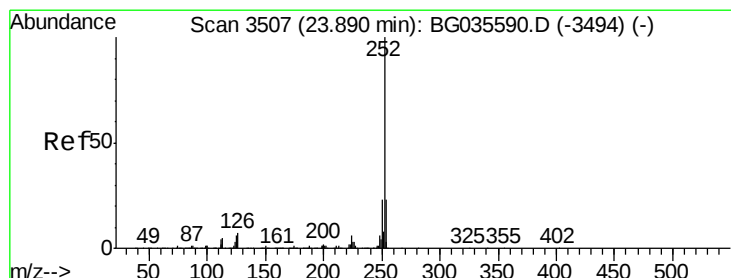
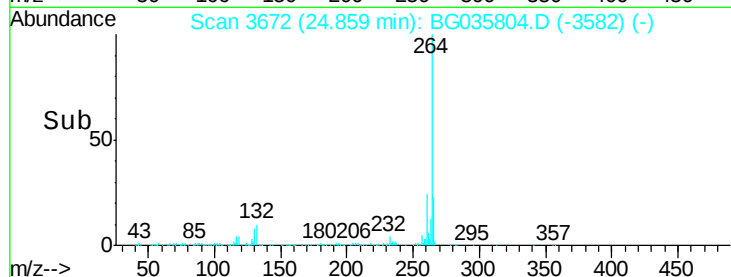
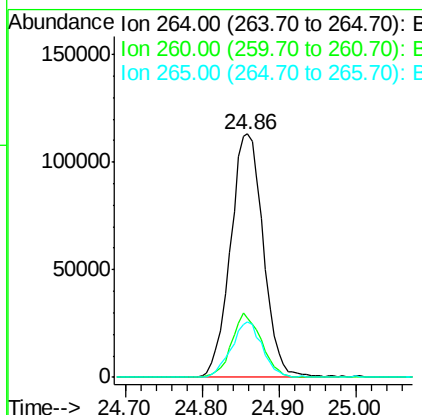
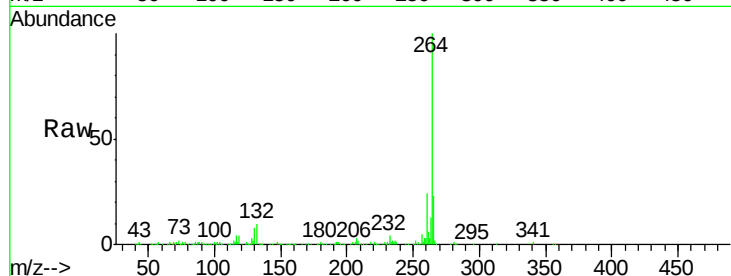


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Instrument :
BNA_G
ClientSampleId :
BU-01-071918MS

Tgt Ion: 264 Resp: 336763

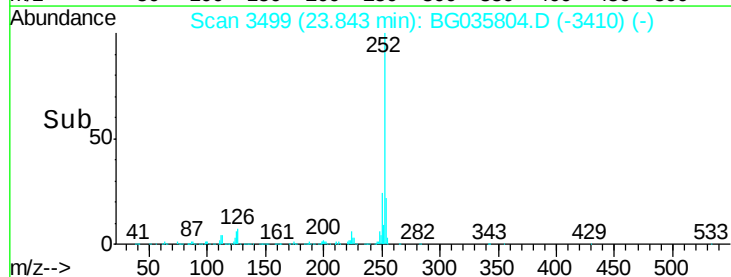
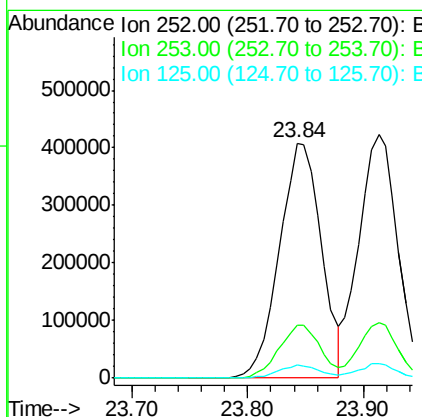
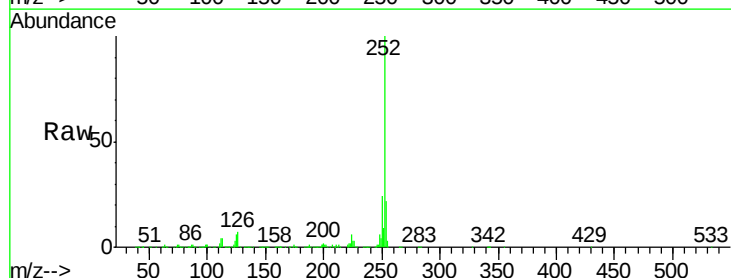
Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.9	17.7	26.5

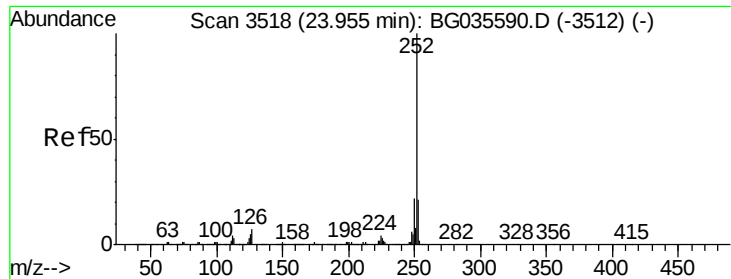


#87
Benzo(b)fluoranthene
Concen: 50.287 ng
RT: 23.84 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG035804.D
Acq: 21 Jul 2018 4:33

Tgt Ion: 252 Resp: 1029298

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	5.6	7.2	10.8





#88

Benzo(k)fluoranthene

Concen: 49.363 ng

RT: 23.91 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

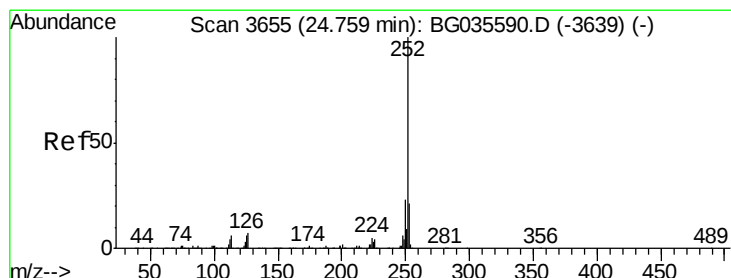
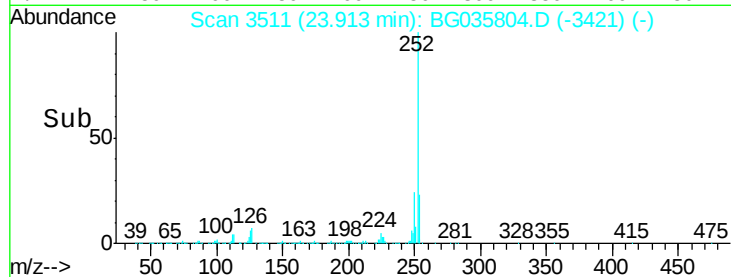
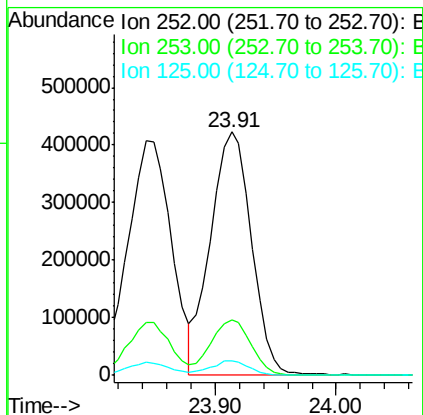
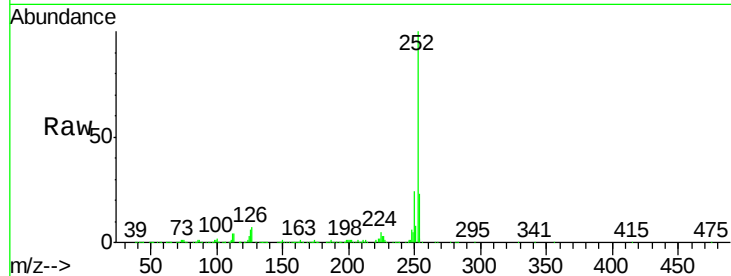
Tgt Ion:252 Resp: 987796

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 6.0 6.6 9.8#



#89

Benzo(a)pyrene

Concen: 52.098 ng

RT: 24.72 min Scan# 3648

Delta R.T. 0.01 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

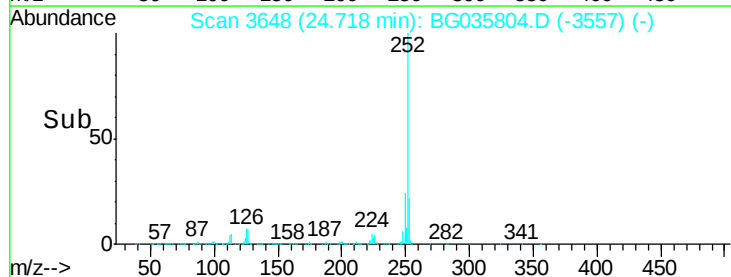
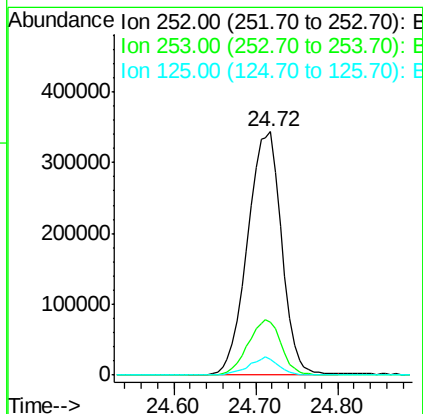
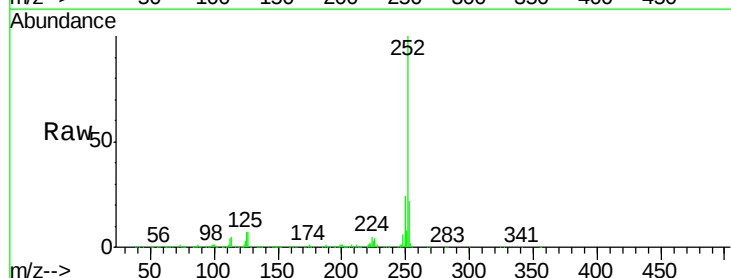
Tgt Ion:252 Resp: 992059

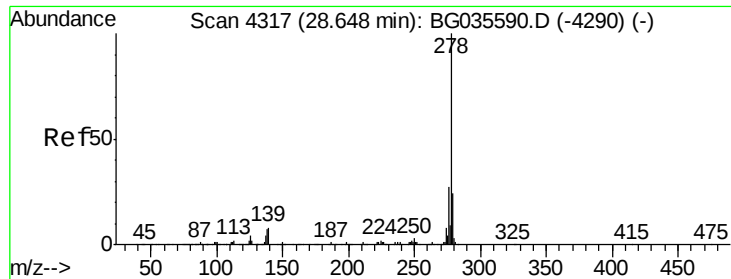
Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

125 6.6 7.3 10.9#





#90

Dibenzo(a,h)anthracene

Concen: 51.165 ng

RT: 28.57 min Scan# 4303

Delta R.T. -0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

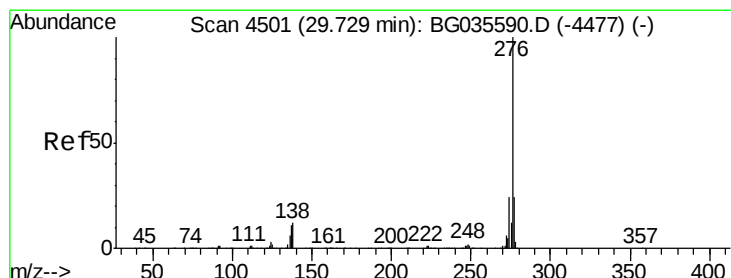
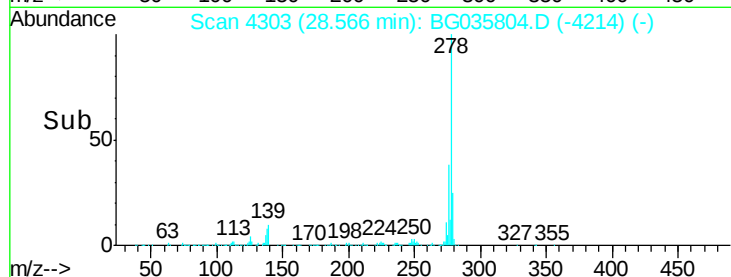
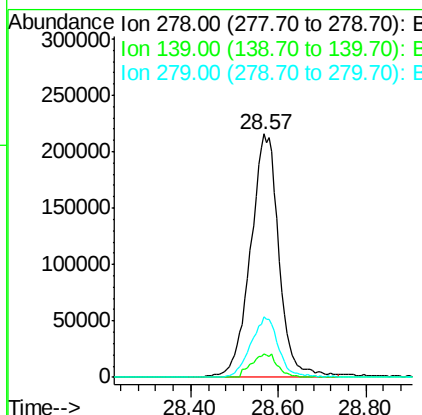
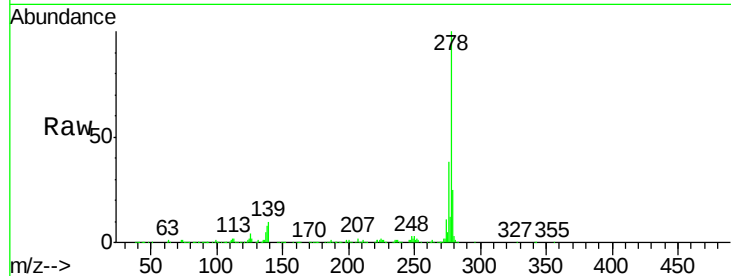
Instrument :

BNA_G

ClientSampleId :

BU-01-071918MS

Tgt Ion:	278	Resp:	956513
Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.8	14.6#
279	24.9	18.4	27.6



#91

Benzo(g,h,i)perylene

Concen: 52.496 ng

RT: 29.65 min Scan# 4488

Delta R.T. 0.00 min

Lab File: BG035804.D

Acq: 21 Jul 2018 4:33

Tgt Ion:	276	Resp:	960329
Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	11.3	13.9	20.9#

