

Data File : BG030977.D
Acq On : 13 Nov 2017 17:39
Operator : SJ/JU
Sample : I6301-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

Quant Time: Nov 14 04:53:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48978	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	203644	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	143540	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	375246	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	450430	20.00	ng	-0.01
86) Perylene-d12	25.06	264	456481	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	362661	126.97	ng	0.00
7) Phenol-d6	7.31	99	427372	111.06	ng	0.00
23) Nitrobenzene-d5	9.31	82	315910	91.92	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	351888	151.54	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	919530	92.05	ng	-0.01
78) Terphenyl-d14	20.09	244	1787027	87.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.57	88	44899	38.74	ng	# 81
3) Pyridine	3.97	79	116466	34.61	ng	89
4) n-Nitrosodimethylamine	3.88	42	63850	40.04	ng	# 91
6) Aniline	7.46	93	129805	25.63	ng	93
8) 2-Chlorophenol	7.71	128	150388	47.71	ng	89
9) Benzaldehyde	7.28	77	65041	24.15	ng	92
10) Phenol	7.34	94	158817	39.74	ng	94
11) bis(2-Chloroethyl)ether	7.56	93	140531	44.04	ng	89
12) 1,3-Dichlorobenzene	8.03	146	163492	44.21	ng	97
13) 1,4-Dichlorobenzene	8.18	146	165793	44.24	ng	95
14) 1,2-Dichlorobenzene	8.50	146	157210	43.71	ng	97
15) Benzyl Alcohol	8.38	79	138353	44.82	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.67	45	201214	57.09	ng	90
17) 2-Methylphenol	8.59	107	126433	45.43	ng	99
18) Hexachloroethane	9.23	117	57514	44.10	ng	89
19) n-Nitroso-di-n-propylamine	8.95	70	116509	39.82	ng	# 96
20) 3+4-Methylphenols	8.92	107	174713	44.15	ng	97
22) Acetophenone	8.97	105	228578	45.08	ng	# 93
24) Nitrobenzene	9.36	77	168650	48.04	ng	91
25) Isophorone	9.87	82	329530	49.17	ng	# 90
26) 2-Nitrophenol	10.07	139	91838	50.19	ng	89
27) 2,4-Dimethylphenol	10.12	122	150651	55.46	ng	97
28) bis(2-Chloroethoxy)methane	10.35	93	197909	46.88	ng	95
29) 2,4-Dichlorophenol	10.61	162	183553	56.27	ng	88
30) 1,2,4-Trichlorobenzene	10.82	180	195547	50.21	ng	98
31) Naphthalene	11.01	128	531359	53.08	ng	98
32) Benzoic acid	10.24	122	19649	13.32	ng	# 82
33) 4-Chloroaniline	11.12	127	43628	9.96	ng	95
34) Hexachlorobutadiene	11.28	225	135001	49.98	ng	95
35) Caprolactam	11.89	113	20722	15.55	ng	# 70
36) 4-Chloro-3-methylphenol	12.24	107	178986	50.41	ng	90
37) 2-Methylnaphthalene	12.60	142	385728	49.91	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	257323	45.17	ng	96
40) Hexachlorocyclopentadiene	12.94	237	199768	92.84	ng	92

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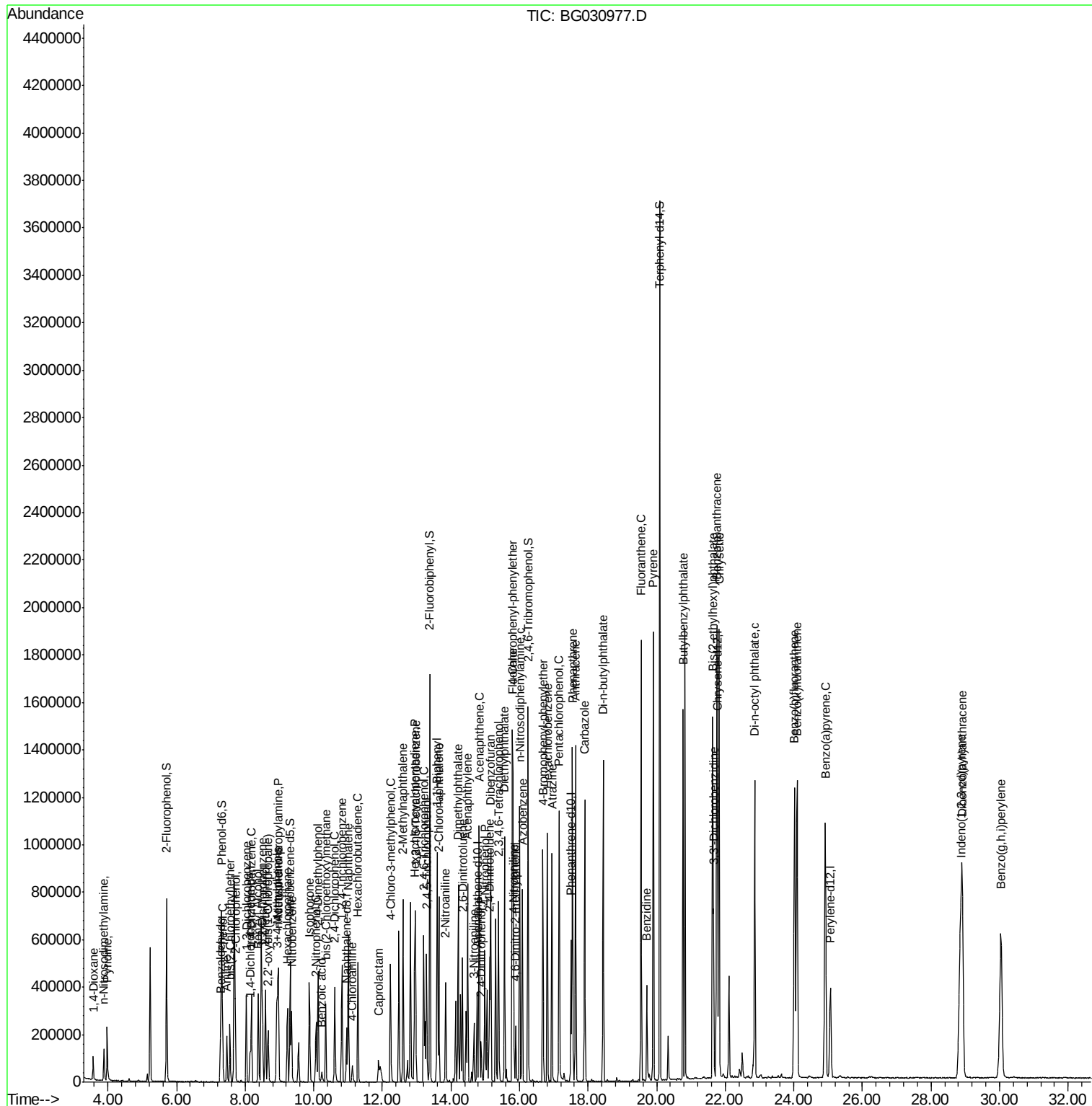
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	175469	53.88	ng	99
43) 2,4,5-Trichlorophenol	13.29	196	184541	51.79	ng #	91
45) 1,1'-Biphenyl	13.60	154	525753	44.17	ng	96
46) 2-Chloronaphthalene	13.65	162	418677	48.75	ng	96
47) 2-Nitroaniline	13.85	65	120374	47.29	ng #	80
48) Acenaphthylene	14.49	152	639189	45.47	ng	99
49) Dimethylphthalate	14.21	163	587727	47.36	ng	99
50) 2,6-Dinitrotoluene	14.33	165	132701	51.88	ng #	79
51) Acenaphthene	14.83	154	406778	46.34	ng	98
52) 3-Nitroaniline	14.67	138	74683	27.50	ng #	80
53) 2,4-Dinitrophenol	14.88	184	52561	40.48	ng #	52
54) Dibenzofuran	15.16	168	685040	48.99	ng	99
55) 4-Nitrophenol	14.99	139	169466	87.58	ng #	84
56) 2,4-Dinitrotoluene	15.13	165	189412	51.22	ng #	72
57) Fluorene	15.81	166	540155	47.58	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	193800	57.06	ng #	87
59) Diethylphthalate	15.56	149	580154	46.02	ng	96
60) 4-Chlorophenyl-phenylether	15.79	204	333920	48.71	ng	90
61) 4-Nitroaniline	15.83	138	127562	44.35	ng	93
62) Azobenzene	16.08	77	448429	46.64	ng	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	71603	28.71	ng #	74
65) n-Nitrosodiphenylamine	16.01	169	511303	44.97	ng	99
66) 4-Bromophenyl-phenylether	16.68	248	243127	51.16	ng	93
67) Hexachlorobenzene	16.81	284	256705	50.83	ng #	91
68) Atrazine	16.95	200	217154	46.29	ng	96
69) Pentachlorophenol	17.15	266	258241	92.51	ng	98
70) Phenanthrene	17.54	178	952716	48.76	ng	100
71) Anthracene	17.63	178	954522	48.76	ng	99
72) Carbazole	17.91	167	869569	47.40	ng	99
73) Di-n-butylphthalate	18.44	149	1004625	44.60	ng	99
74) Fluoranthene	19.54	202	1255849	50.77	ng	96
76) Benzidine	19.71	184	269515	18.63	ng	98
77) Pyrene	19.90	202	1272642	47.61	ng	97
79) Butylbenzylphthalate	20.77	149	487255	45.72	ng #	83
80) Benzo(a)anthracene	21.75	228	1345376	48.09	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	303405	26.86	ng #	98
82) Chrysene	21.82	228	1259144	48.65	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	675488	43.91	ng #	99
84) Di-n-octyl phthalate	22.86	149	1127815	45.04	ng #	94
85) Indeno(1,2,3-cd)pyrene	28.86	276	1590839	50.56	ng #	88
87) Benzo(b)fluoranthene	24.02	252	1356136	49.11	ng #	97
88) Benzo(k)fluoranthene	24.09	252	1354904	49.50	ng #	96
89) Benzo(a)pyrene	24.91	252	1316575	50.19	ng #	98
90) Dibenzo(a,h)anthracene	28.91	278	1326485	49.47	ng #	95
91) Benzo(g,h,i)perylene	30.04	276	1310598	50.36	ng #	94

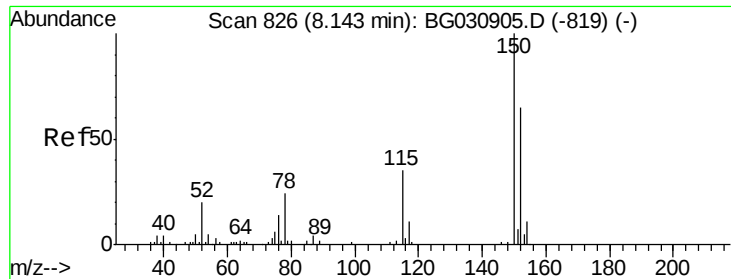
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

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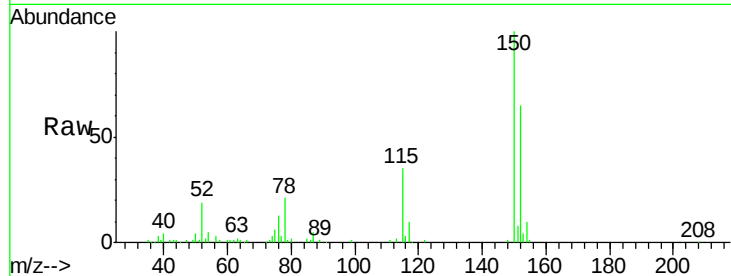
Tgt Ion:152 Resp: 48978

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

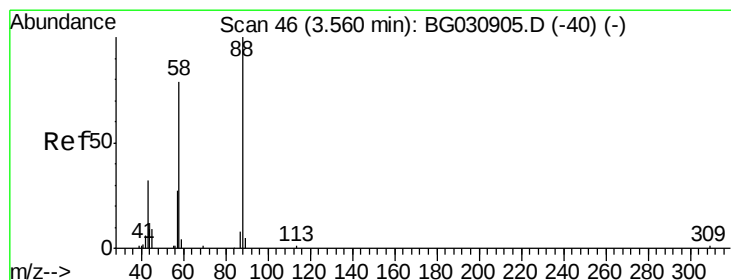
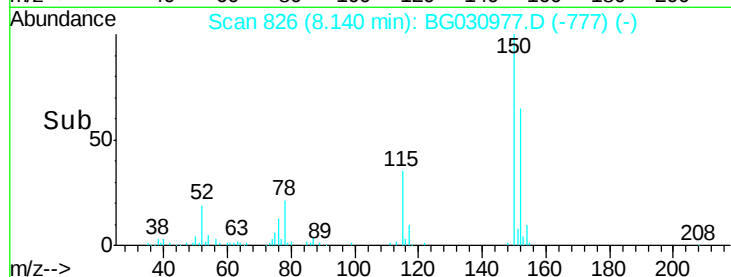
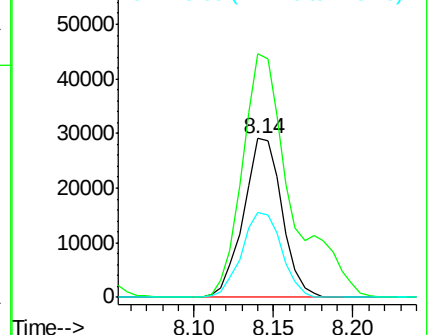
115 53.4 53.0 79.4



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: 38.74 ng

RT: 3.57 min Scan# 48

Delta R.T. -0.00 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

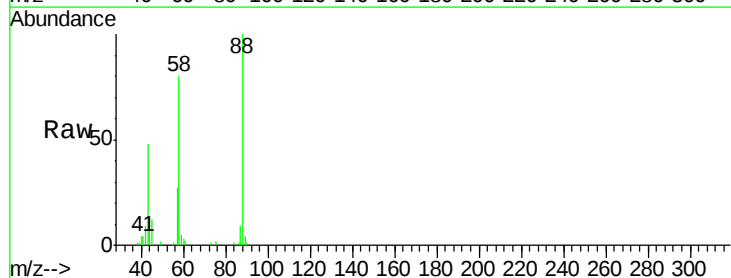
Tgt Ion: 88 Resp: 44899

Ion Ratio Lower Upper

88 100

58 77.6 79.6 119.4#

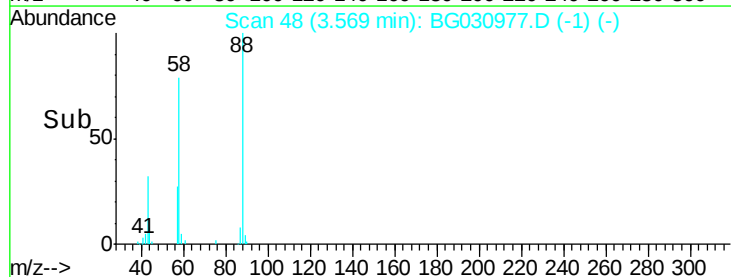
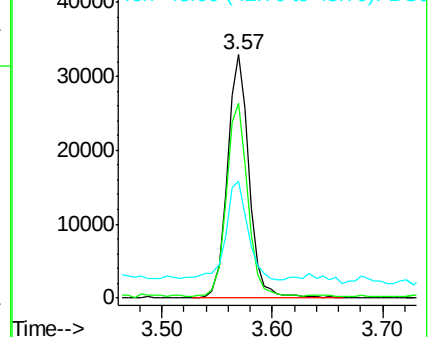
43 41.1 27.4 41.0#

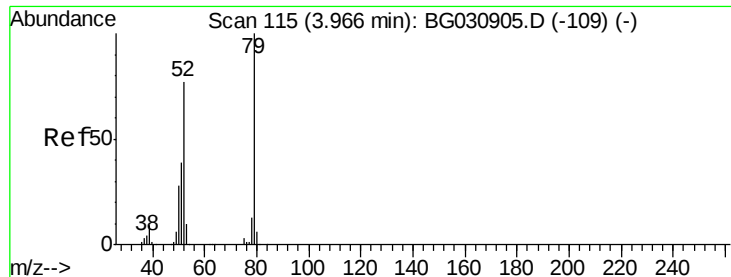


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.61 ng

RT: 3.97 min Scan# 117

Delta R.T. -0.00 min

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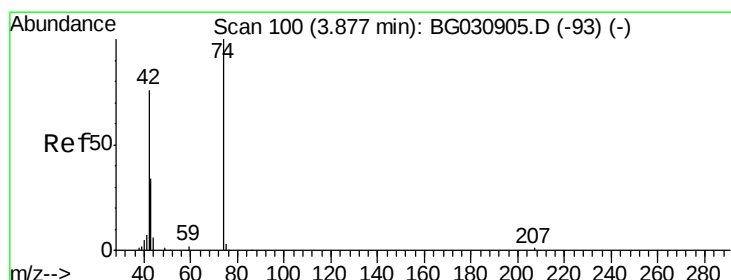
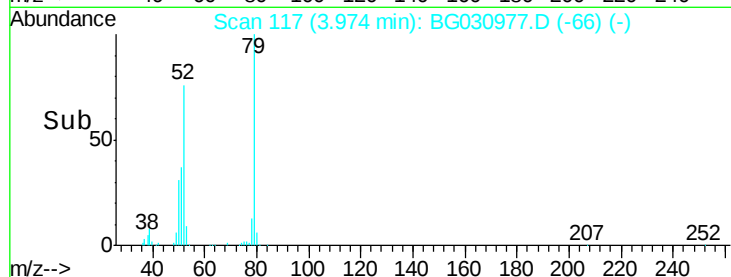
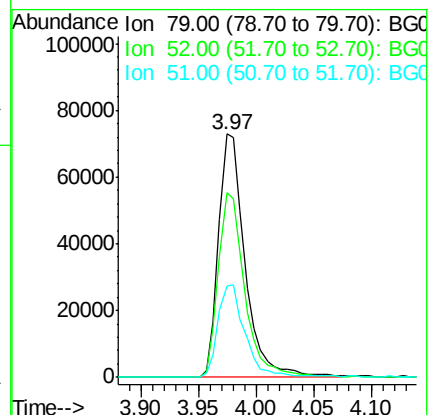
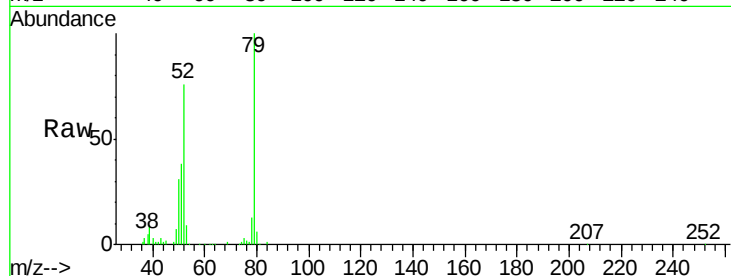
Tgt Ion: 79 Resp: 116466

Ion Ratio Lower Upper

79 100

52 76.1 69.9 104.9

51 37.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 40.04 ng

RT: 3.88 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

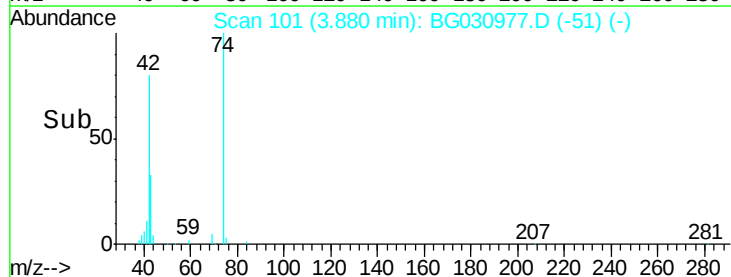
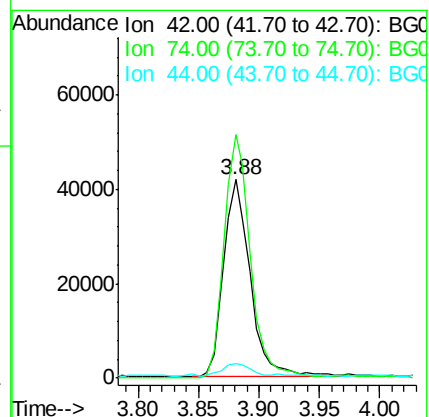
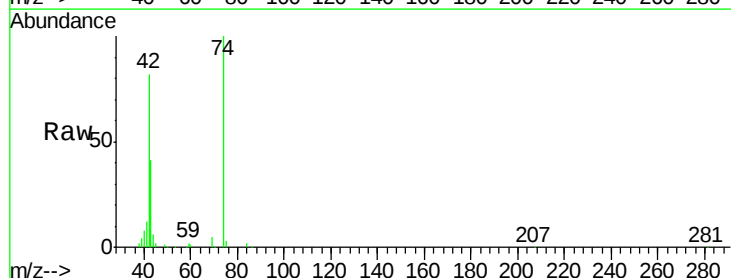
Tgt Ion: 42 Resp: 63850

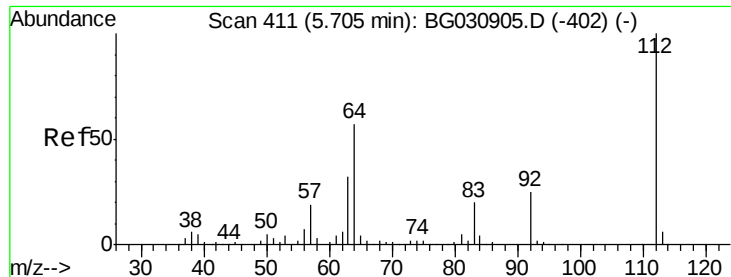
Ion Ratio Lower Upper

42 100

74 122.7 102.5 153.7

44 7.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 126.97 ng

RT: 5.71 min Scan# 412

Delta R.T. -0.00 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

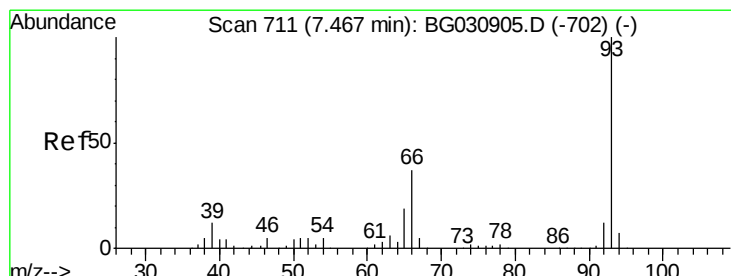
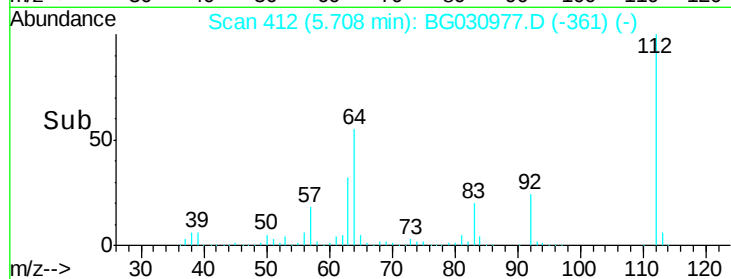
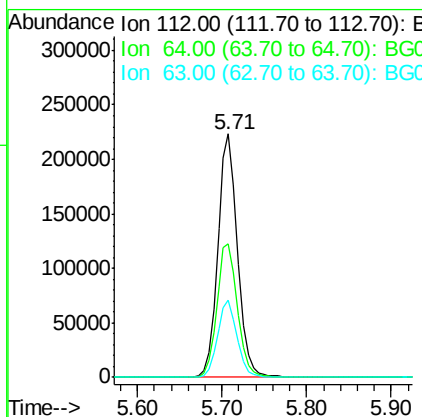
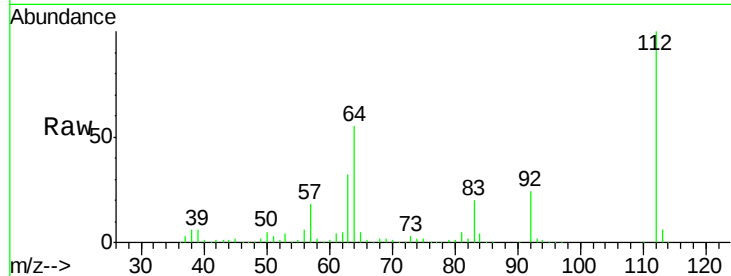
Instrument :

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Tgt Ion:	112	Resp:	362661
Ion	Ratio	Lower	Upper
112	100		
64	55.0	56.3	84.5#
63	31.5	30.1	45.1



#6

Aniline

Concen: 25.63 ng

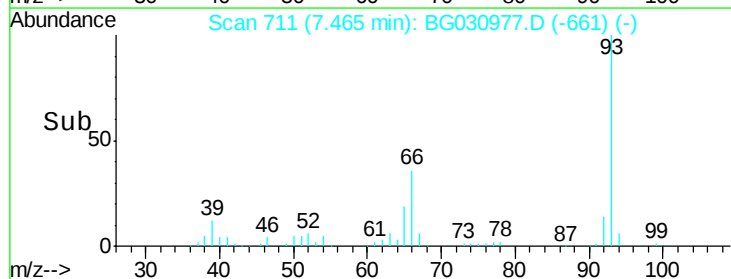
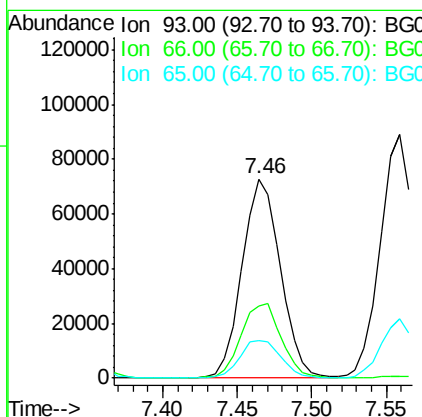
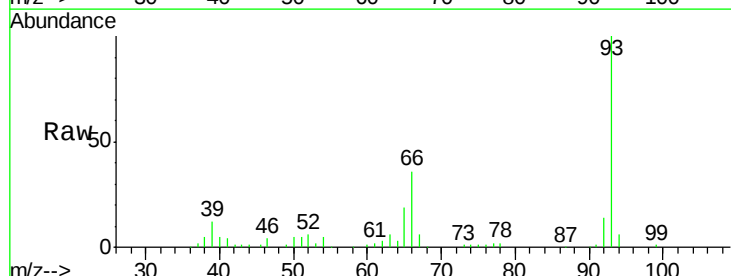
RT: 7.46 min Scan# 711

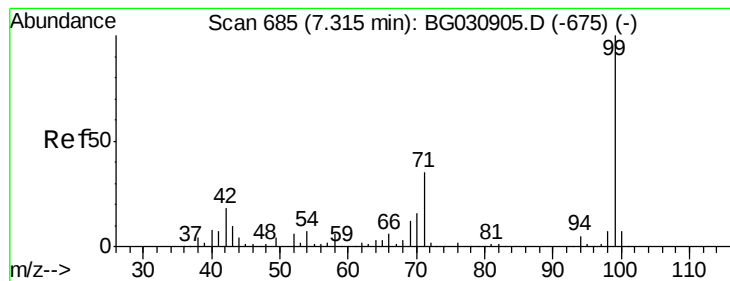
Delta R.T. -0.01 min

Lab File: BG030977.D

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Tgt Ion:	93	Resp:	129805
Ion	Ratio	Lower	Upper
93	100		
66	36.3	33.7	50.5
65	18.7	16.1	24.1





#7

Phenol-d6

Concen: 111.06 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.00 min

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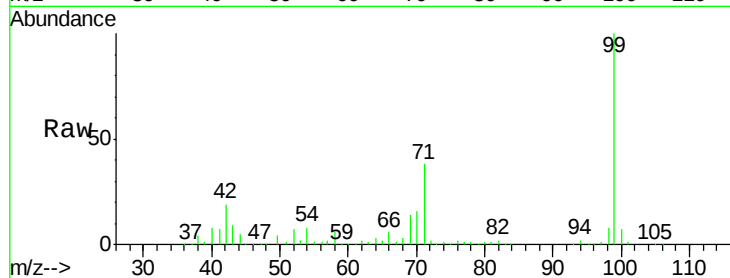
Tgt Ion: 99 Resp: 427372

Ion Ratio Lower Upper

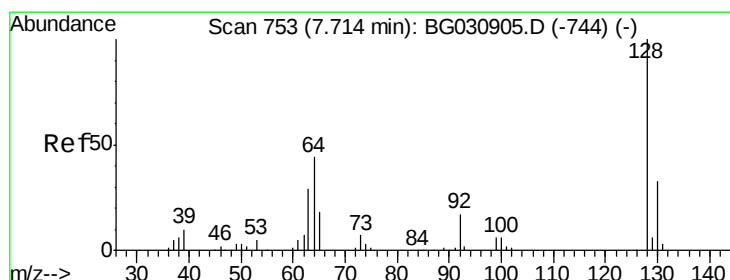
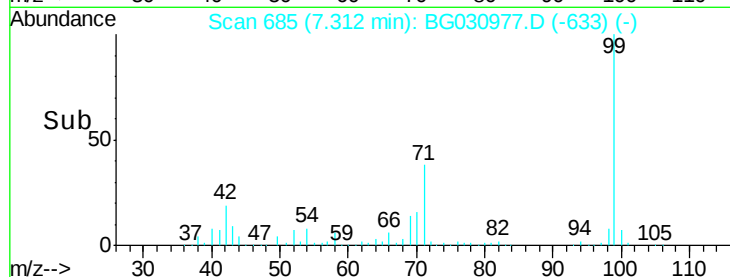
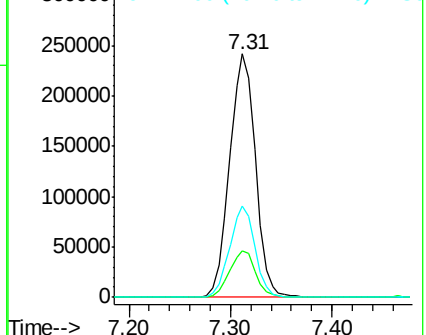
99 100

42 18.9 14.1 21.1

71 37.6 26.1 39.1



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



#8

2-Chlorophenol

Concen: 47.71 ng

RT: 7.71 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG030977.D

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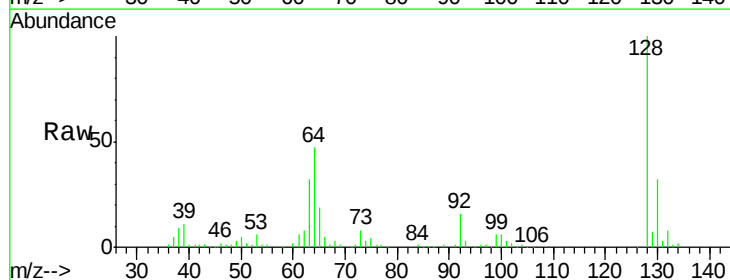
Tgt Ion: 128 Resp: 150388

Ion Ratio Lower Upper

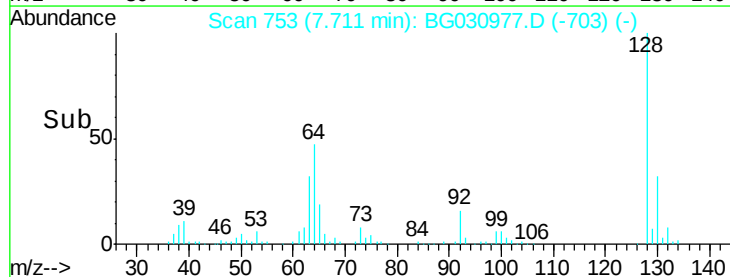
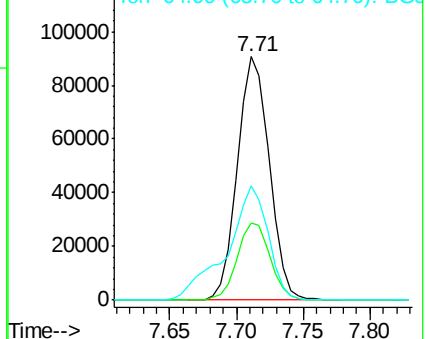
128 100

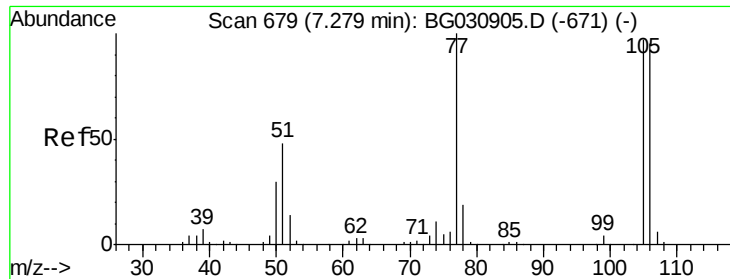
130 32.0 14.0 54.0

64 46.8 37.7 77.7



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





#9

Benzaldehyde

Concen: 24.15 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

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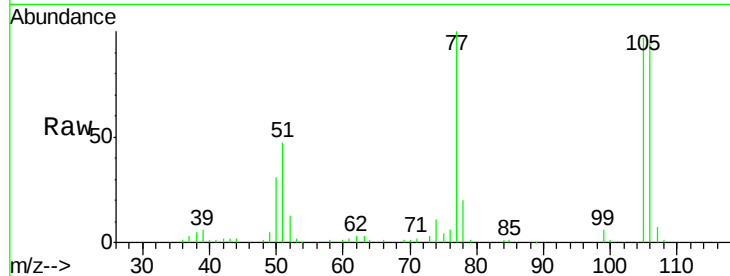
Tgt Ion: 77 Resp: 65041

Ion Ratio Lower Upper

77 100

105 97.2 71.3 111.3

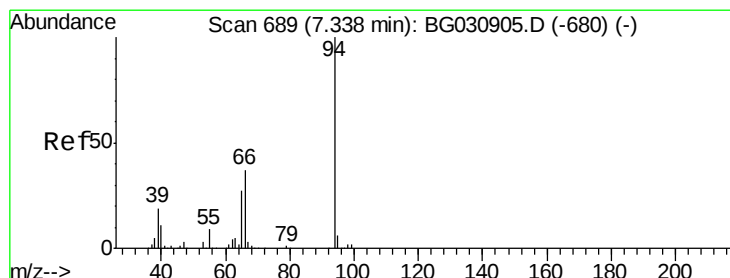
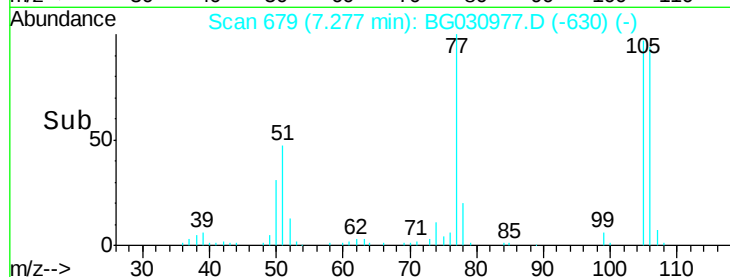
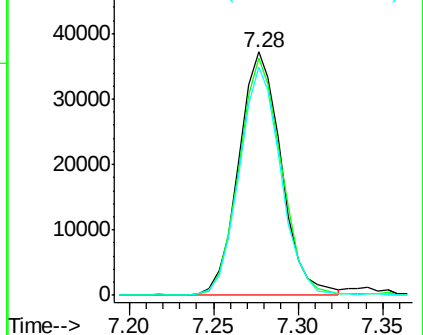
106 93.9 64.2 104.2



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: 39.74 ng

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

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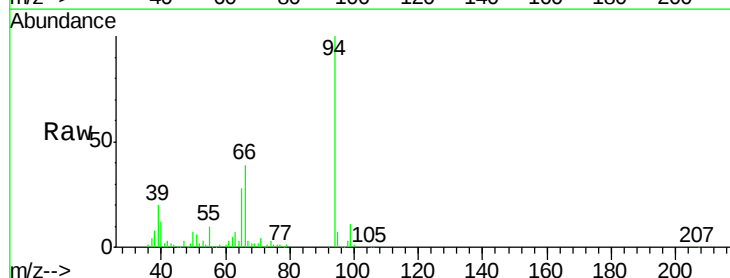
Tgt Ion: 94 Resp: 158817

Ion Ratio Lower Upper

94 100

65 28.3 11.9 51.9

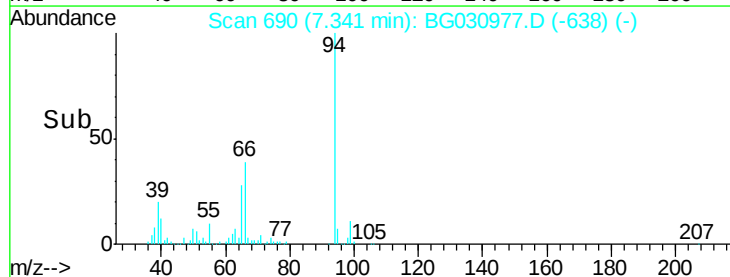
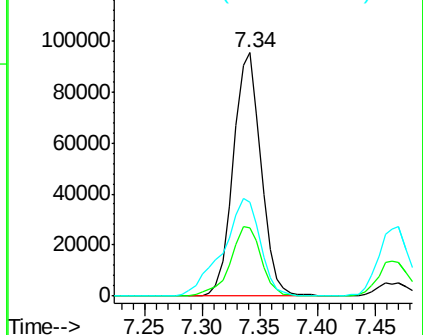
66 38.6 22.2 62.2

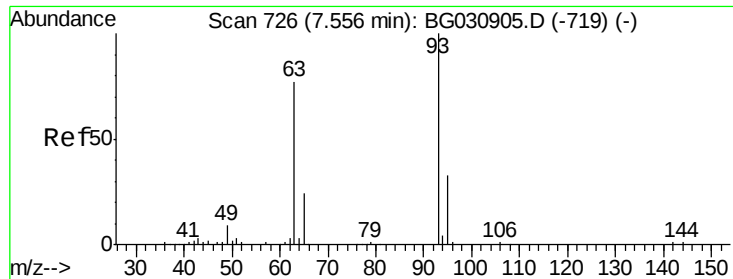


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

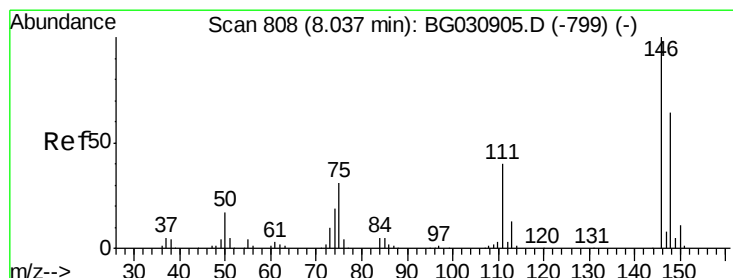
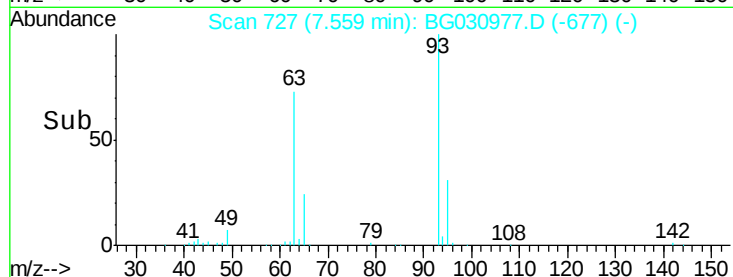
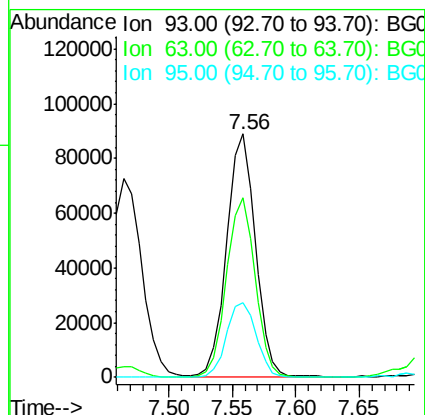
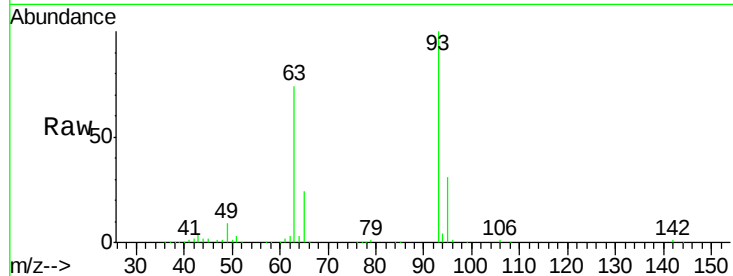




#11
bis(2-Chloroethyl)ether
Concen: 44.04 ng
RT: 7.56 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

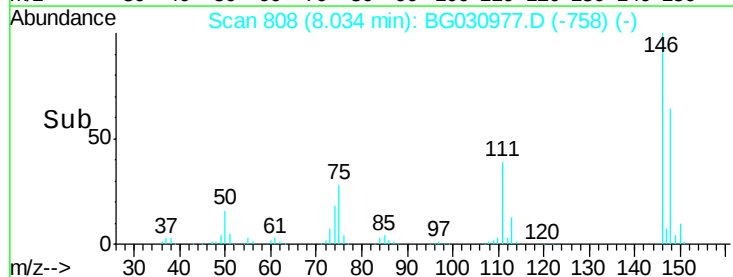
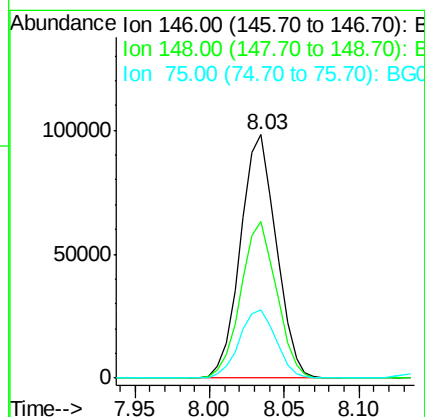
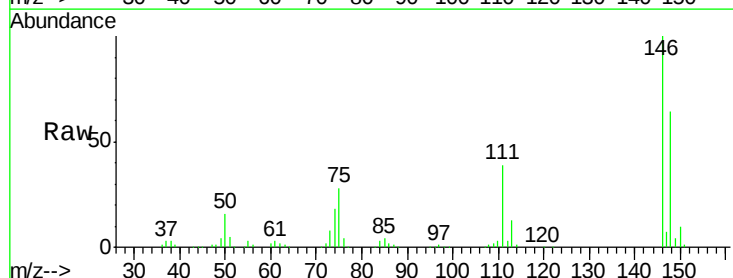
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

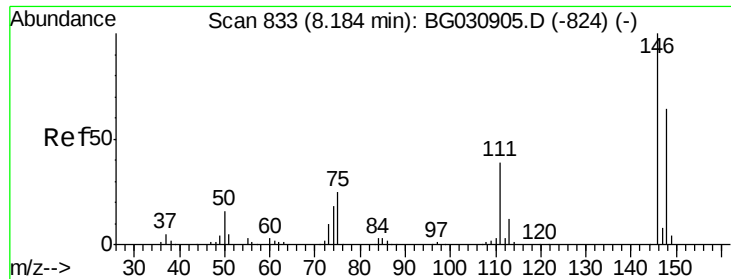
Tgt Ion: 93 Resp: 140531
Ion Ratio Lower Upper
93 100
63 73.9 67.1 107.1
95 30.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.21 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion: 146 Resp: 163492
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 28.0 26.6 39.8

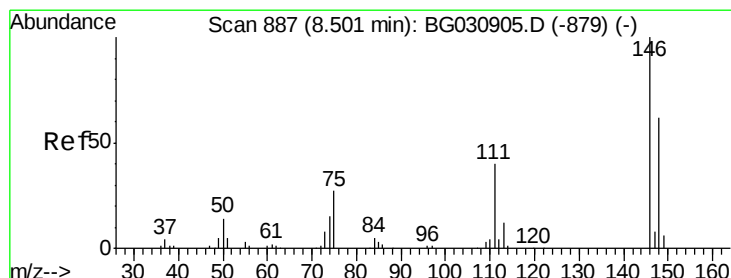
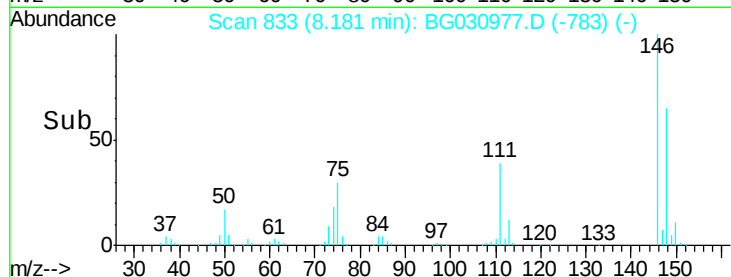
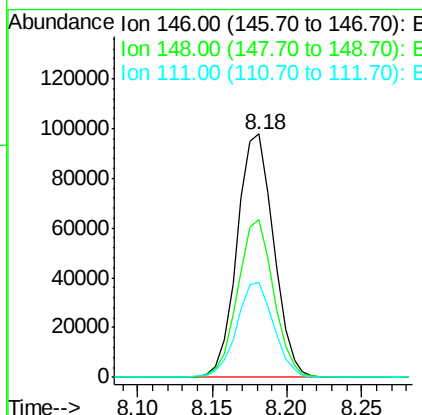
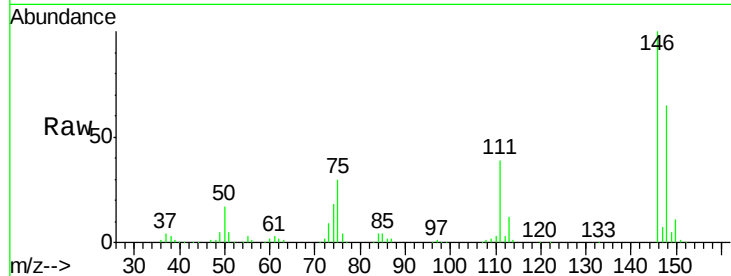




#13
 1,4-Dichlorobenzene
 Concen: 44.24 ng
 RT: 8.18 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

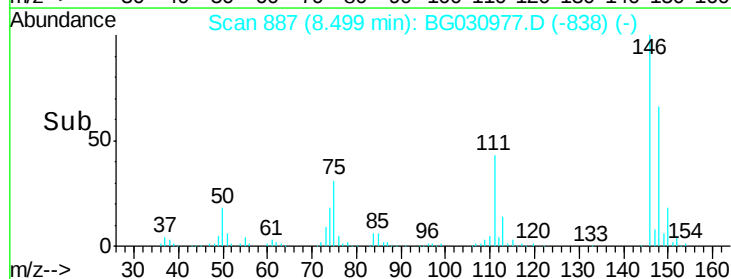
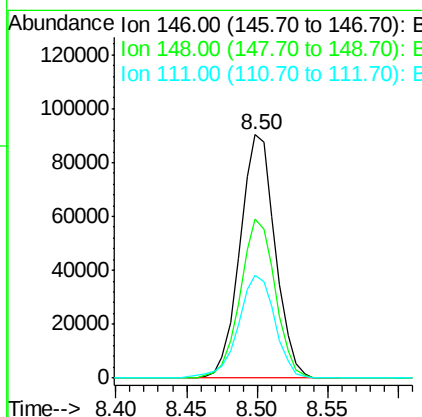
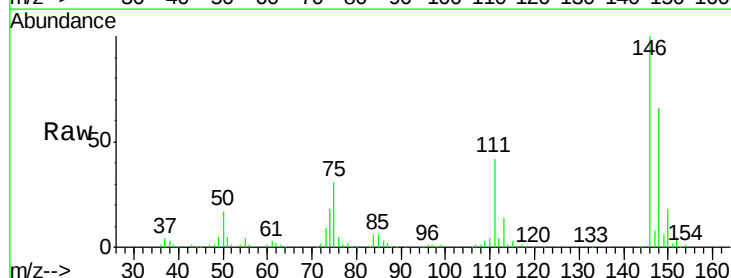
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

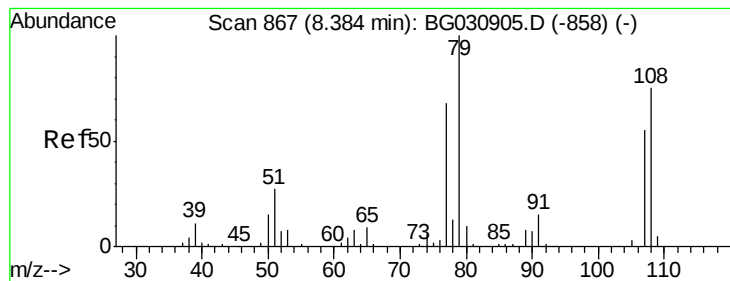
Tgt Ion:146 Resp: 165793
 Ion Ratio Lower Upper
 146 100
 148 64.7 53.7 80.5
 111 39.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.71 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion:146 Resp: 157210
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.3 73.9
 111 42.4 34.3 51.5





#15

Benzyl Alcohol

Concen: 44.82 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

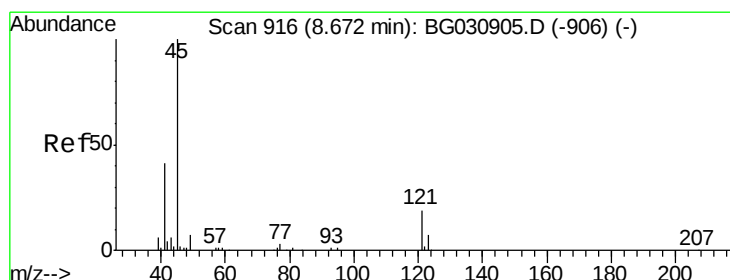
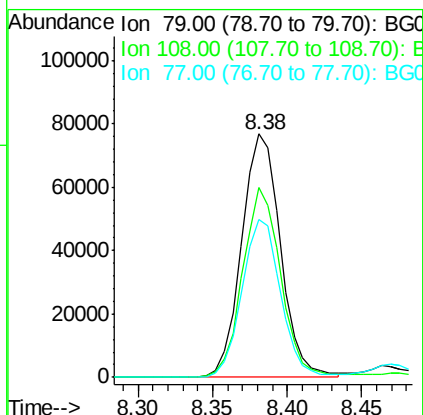
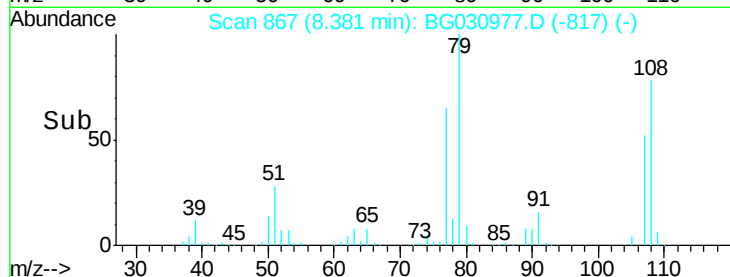
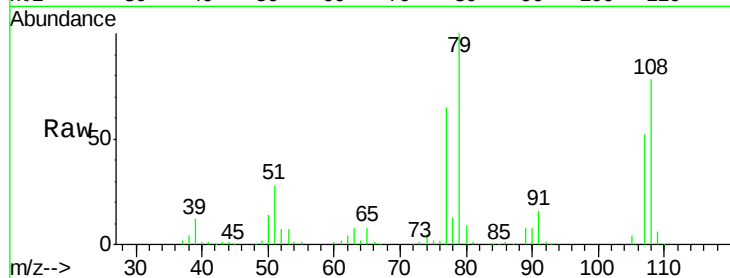
Tgt Ion: 79 Resp: 138353

Ion Ratio Lower Upper

79 100

108 77.7 57.2 85.8

77 64.7 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.09 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

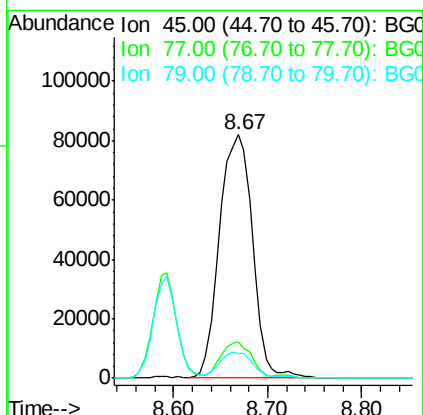
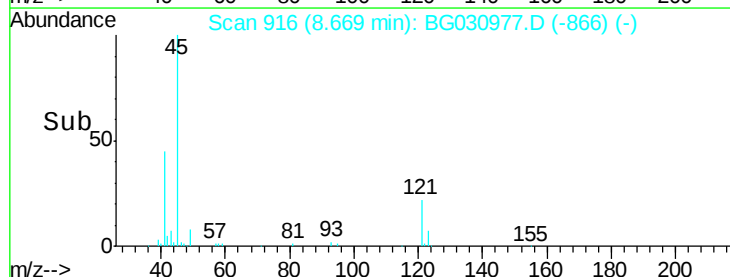
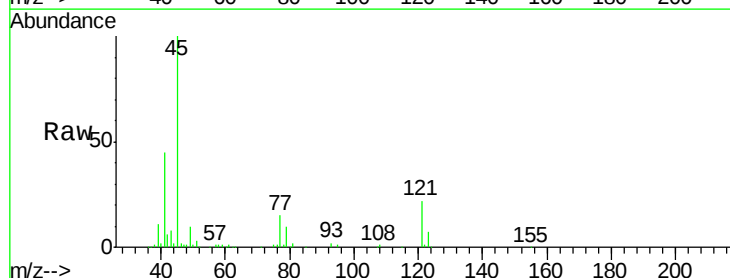
Tgt Ion: 45 Resp: 201214

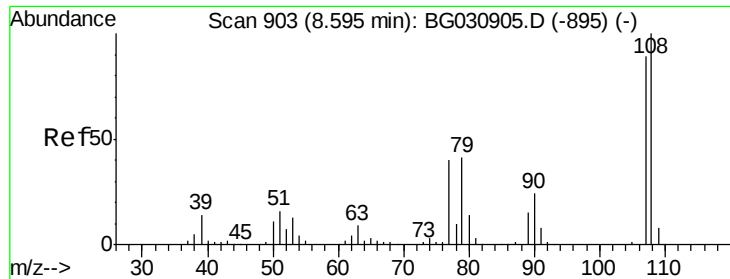
Ion Ratio Lower Upper

45 100

77 15.1 0.0 30.2

79 10.2 0.0 27.9

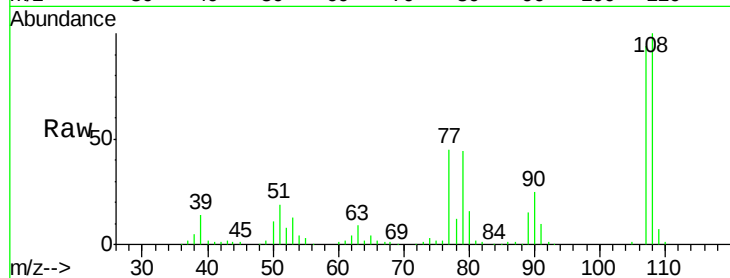




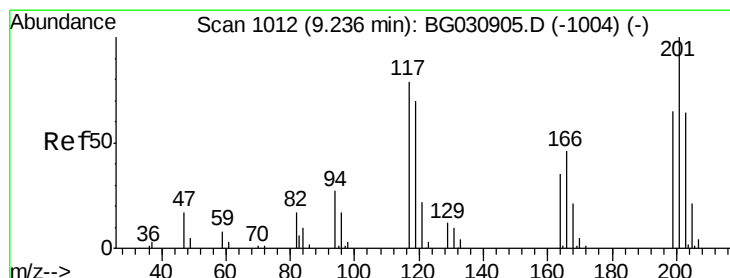
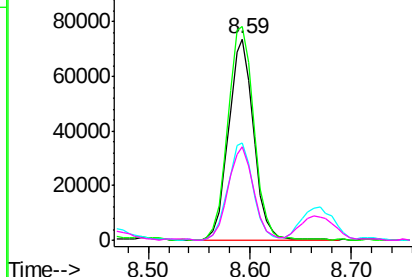
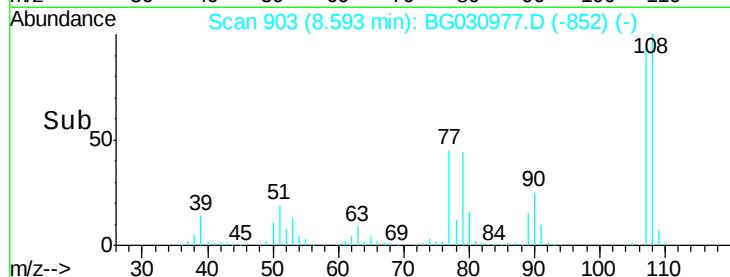
#17
2-Methylphenol
Concen: 45.43 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

Tgt Ion:107 Resp: 126433
Ion Ratio Lower Upper
107 100
108 106.0 83.9 125.9
77 48.1 37.2 55.8
79 46.2 36.2 54.2

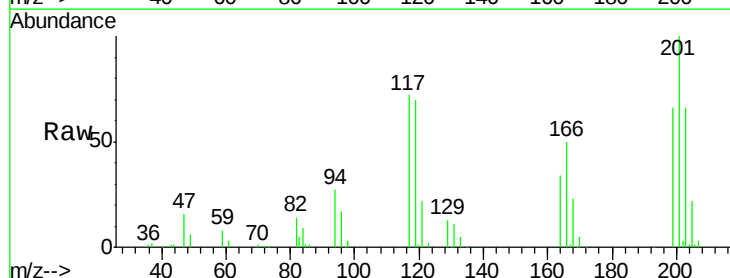


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

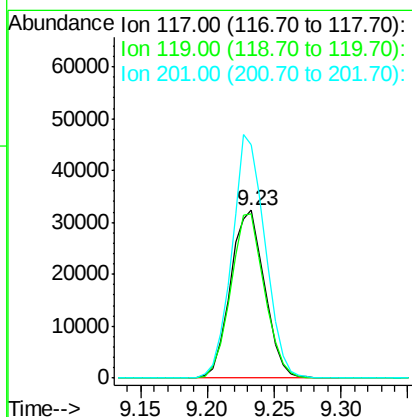
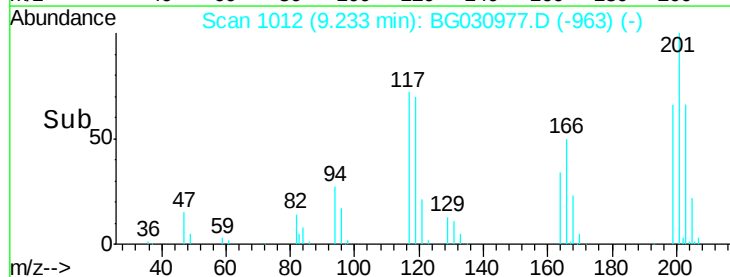


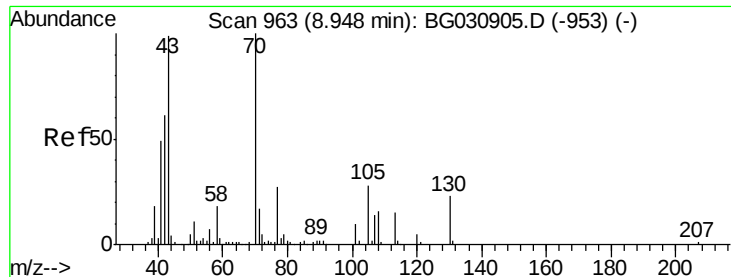
#18
Hexachloroethane
Concen: 44.10 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:117 Resp: 57514
Ion Ratio Lower Upper
117 100
119 97.9 76.7 115.1
201 139.4 95.7 143.5



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
50000 Ion 201.00 (200.70 to 201.70): E

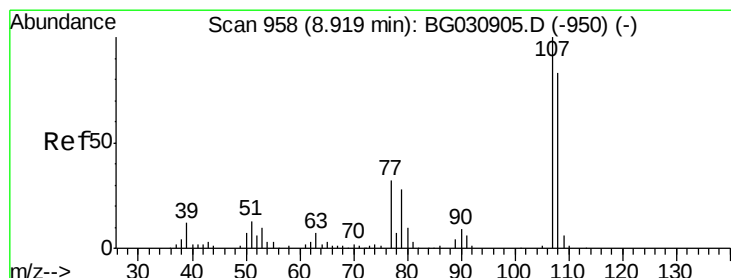
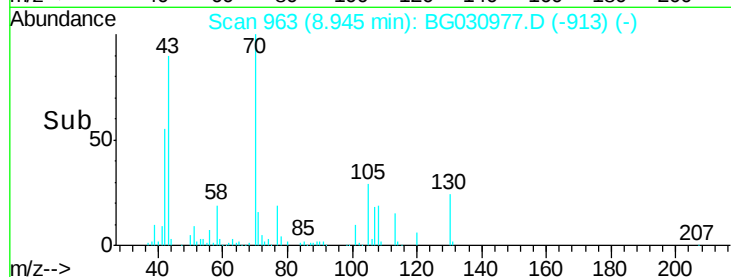
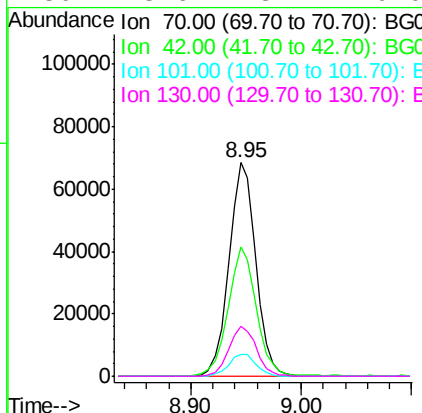
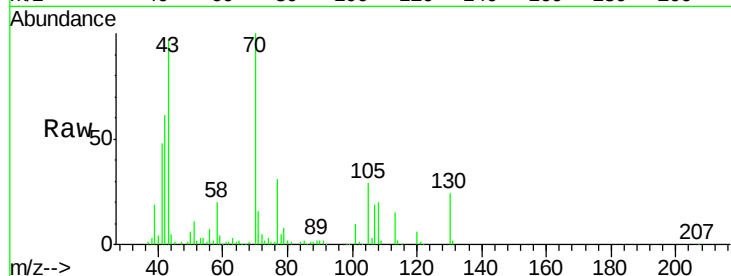




#19
n-Nitroso-di-n-propylamine
Concen: 39.82 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

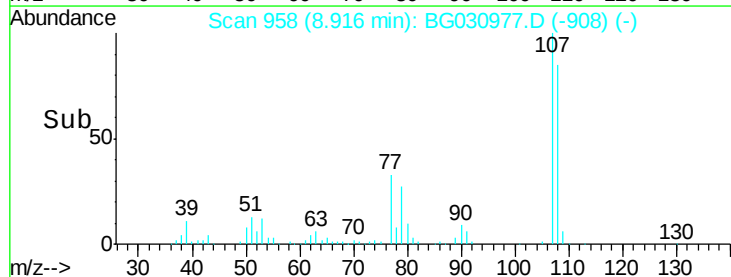
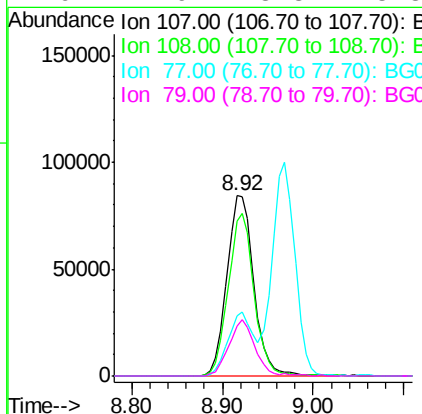
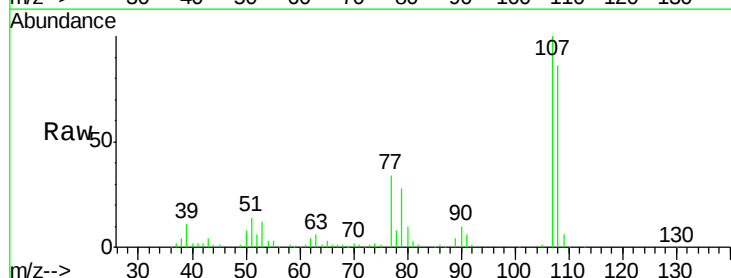
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

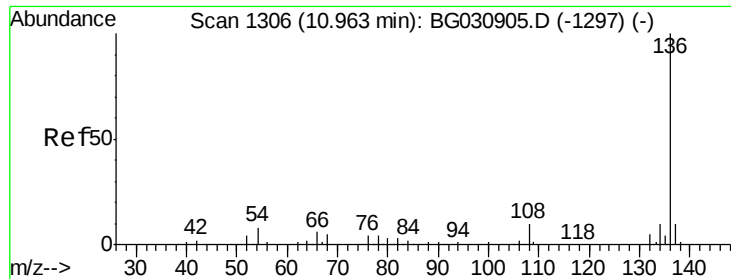
Tgt Ion: 70 Resp: 116509
Ion Ratio Lower Upper
70 100
42 60.6 49.1 73.7
101 10.0 8.5 12.7
130 23.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.15 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion: 107 Resp: 174713
Ion Ratio Lower Upper
107 100
108 85.7 61.6 101.6
77 33.6 13.9 53.9
79 27.9 8.8 48.8

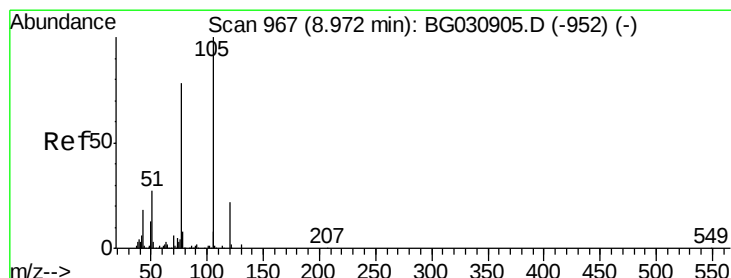
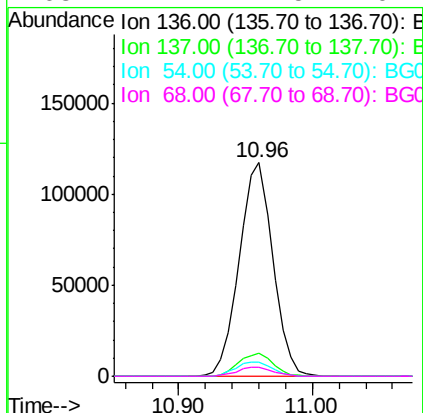
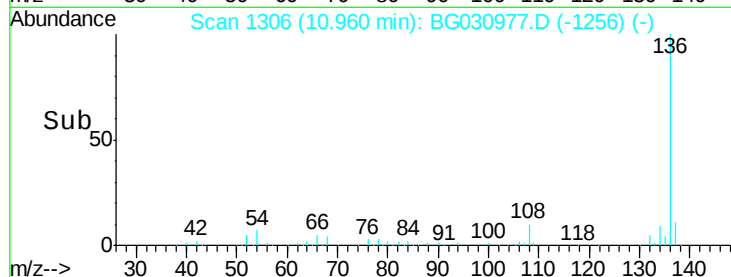
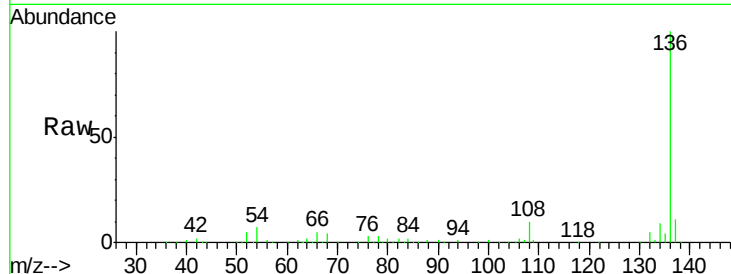




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

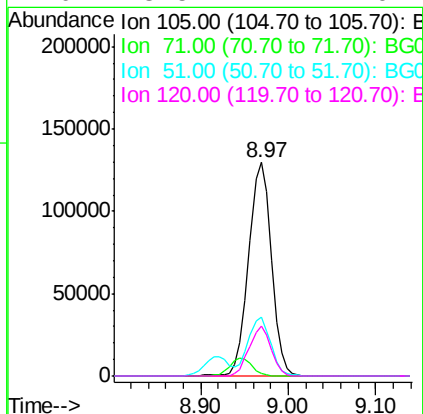
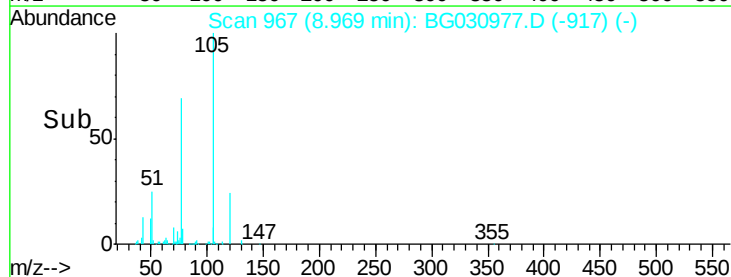
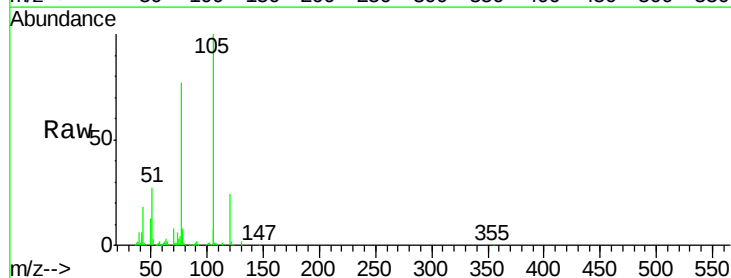
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

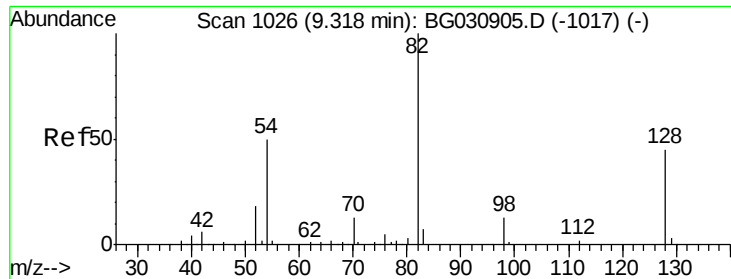
Tgt Ion:	136	Resp:	203644
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.6	10.3	15.5#
68	4.4	4.5	6.7#



#22
Acetophenone
Concen: 45.08 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:	105	Resp:	228578
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	27.4	26.1	39.1
120	23.5	17.4	26.2

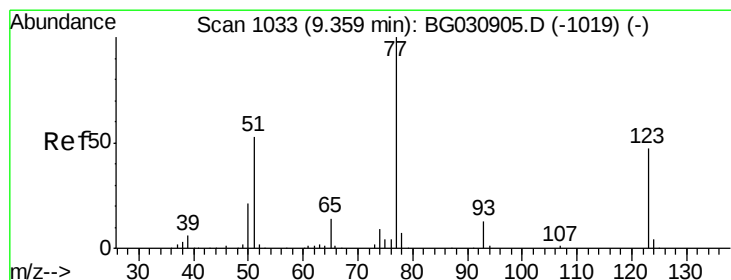
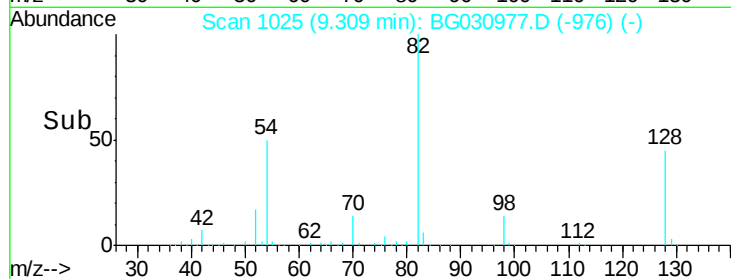
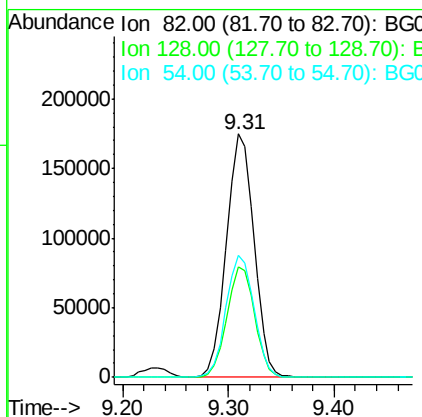
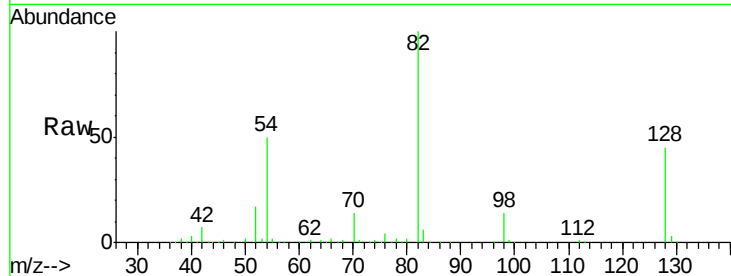




#23
 Nitrobenzene-d5
 Concen: 91.92 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

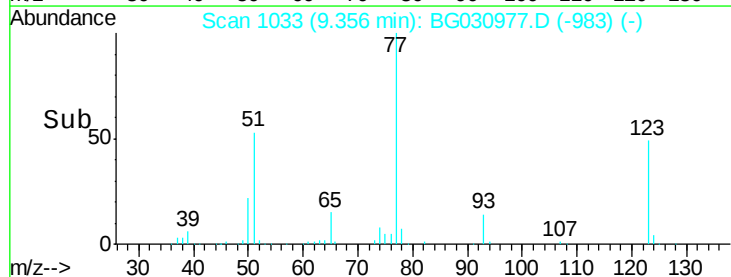
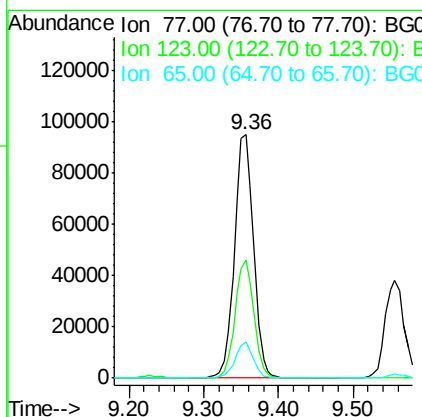
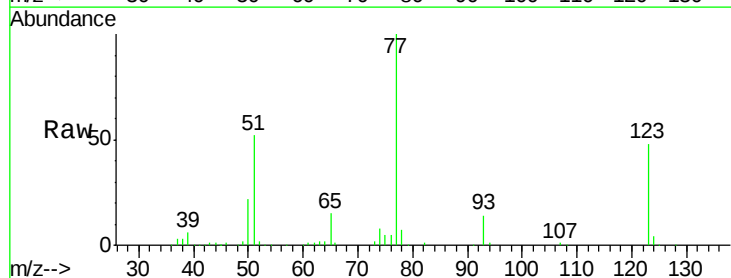
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

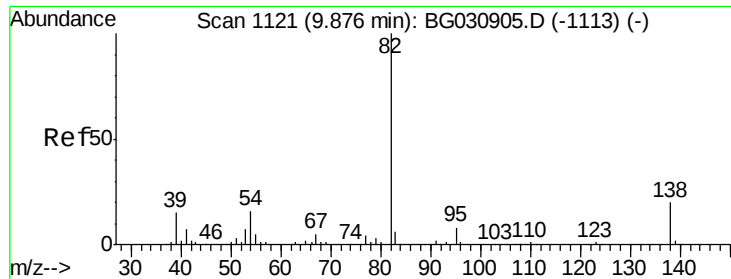
Tgt Ion: 82 Resp: 315910
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 49.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 48.04 ng
 RT: 9.36 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion: 77 Resp: 168650
 Ion Ratio Lower Upper
 77 100
 123 48.4 33.0 49.6
 65 15.0 13.0 19.6

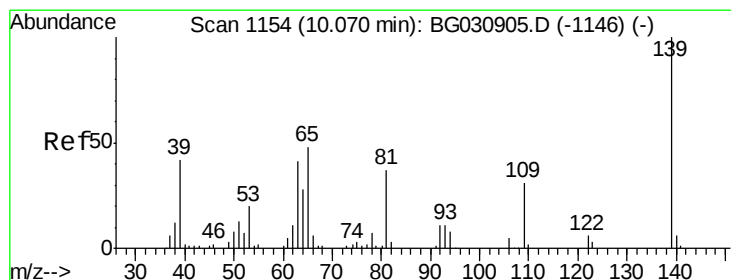
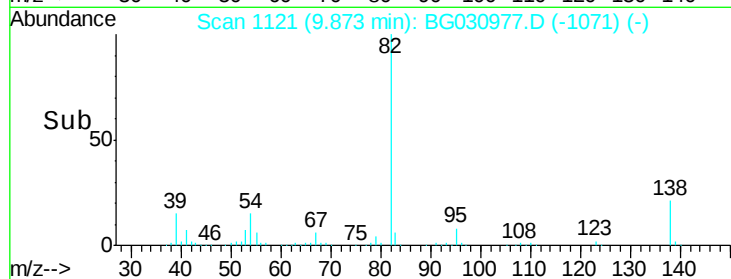
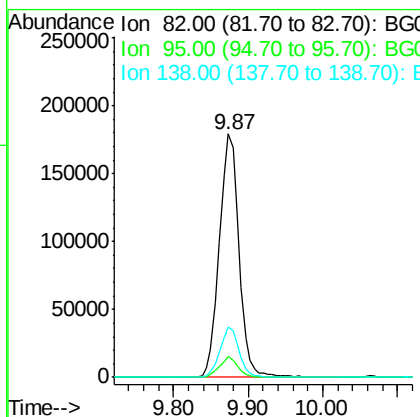
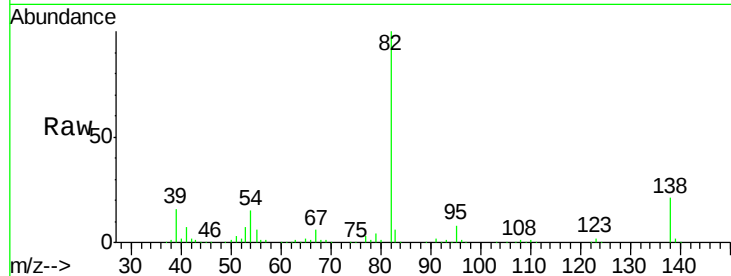




#25
Isophorone
Concen: 49.17 ng
RT: 9.87 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

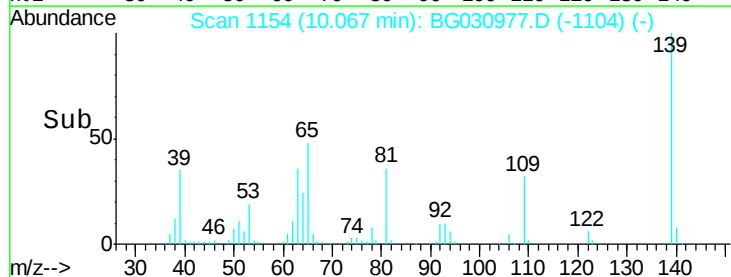
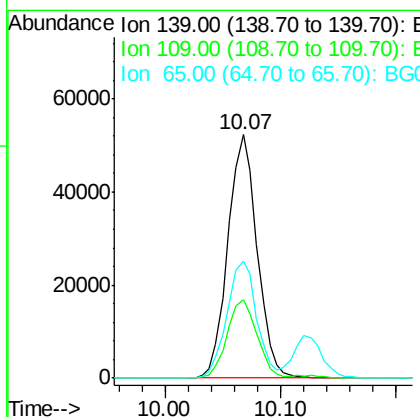
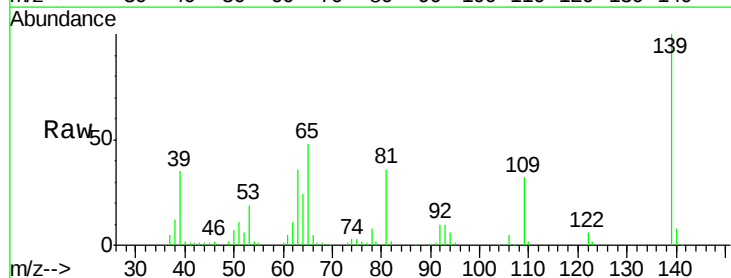
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

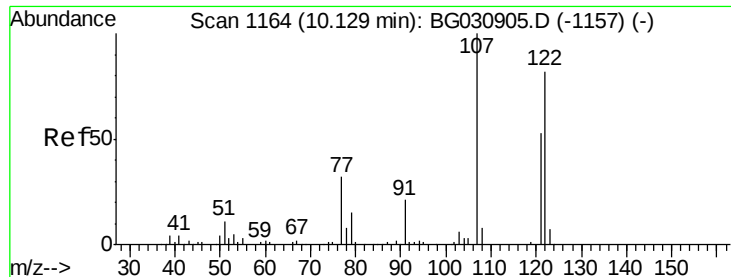
Tgt Ion: 82 Resp: 329530
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.2
138 20.8 12.1 18.1#



#26
2-Nitrophenol
Concen: 50.19 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion: 139 Resp: 91838
Ion Ratio Lower Upper
139 100
109 32.1 24.2 36.2
65 48.1 47.4 71.0

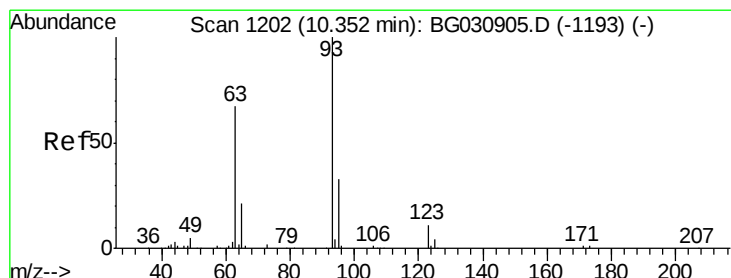
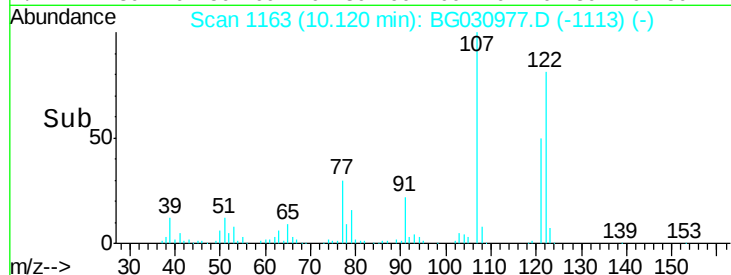
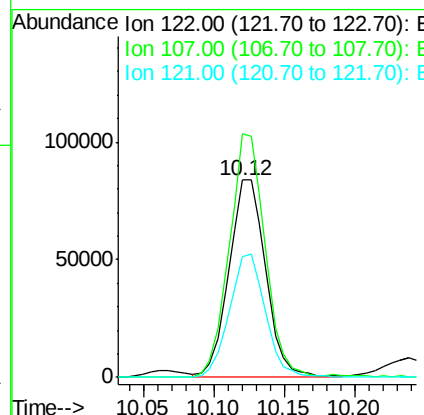
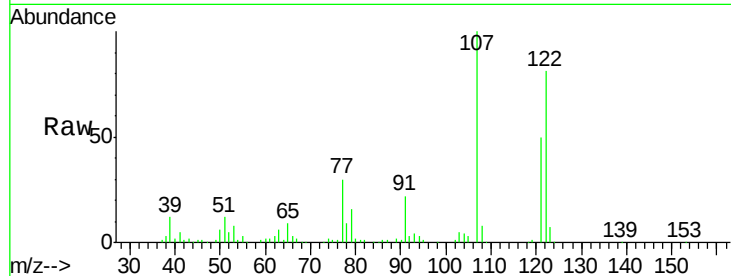




#27
2,4-Dimethylphenol
Concen: 55.46 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

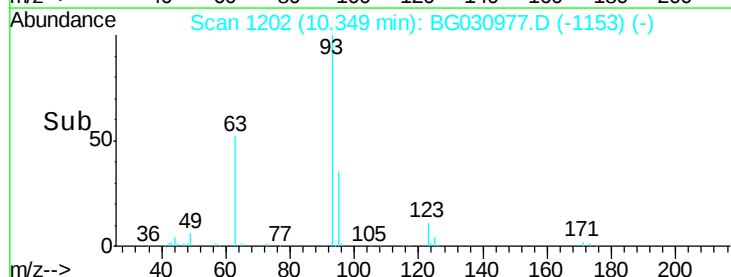
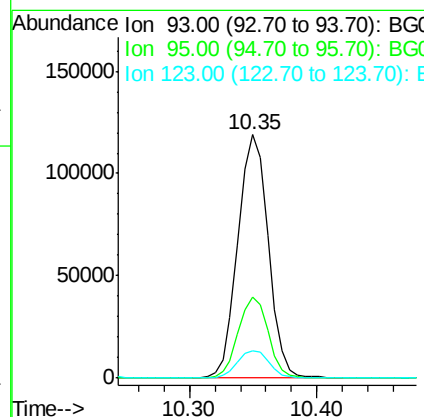
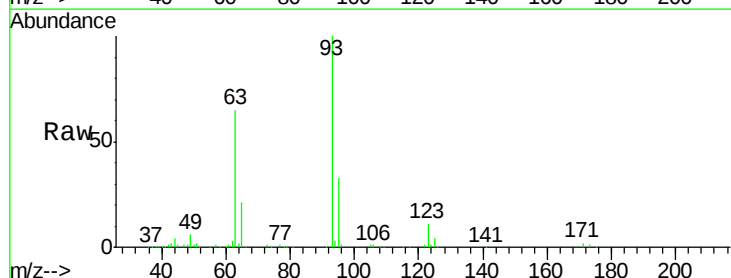
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

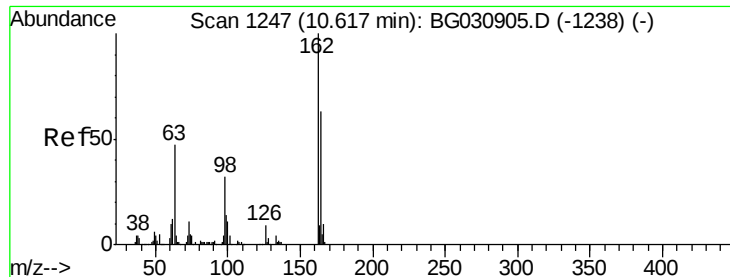
Tgt Ion:122 Resp: 150651
Ion Ratio Lower Upper
122 100
107 123.6 100.2 150.2
121 61.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.88 ng
RT: 10.35 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion: 93 Resp: 197909
Ion Ratio Lower Upper
93 100
95 33.4 24.3 36.5
123 11.4 8.4 12.6

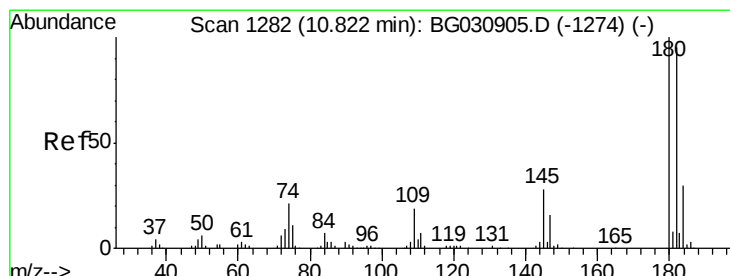
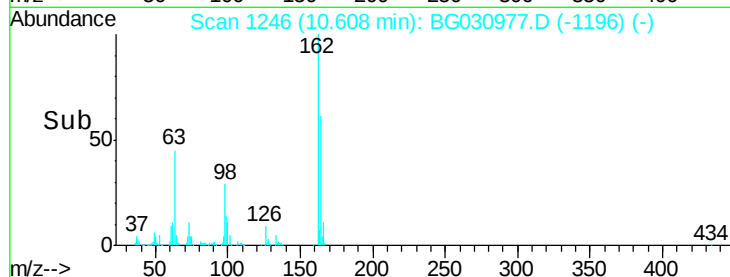
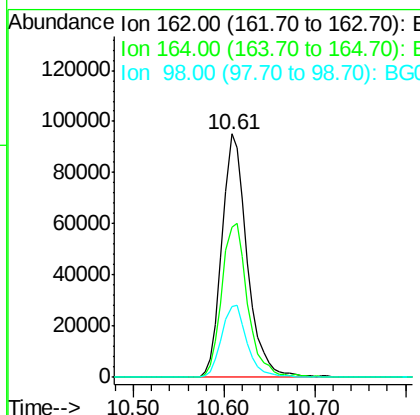
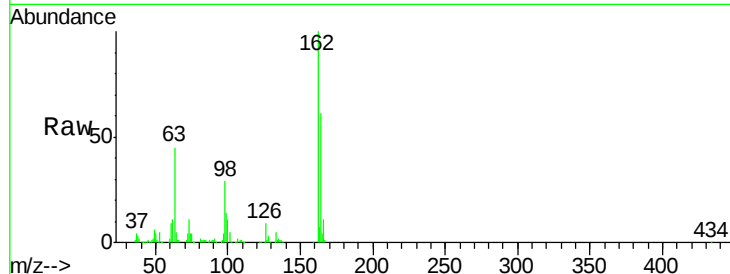




#29
 2,4-Dichlorophenol
 Concen: 56.27 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

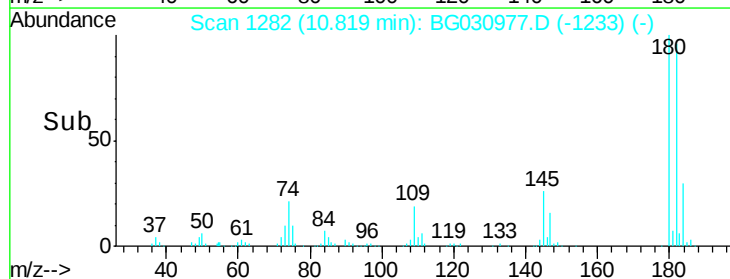
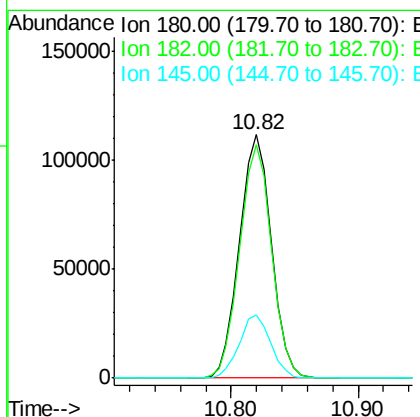
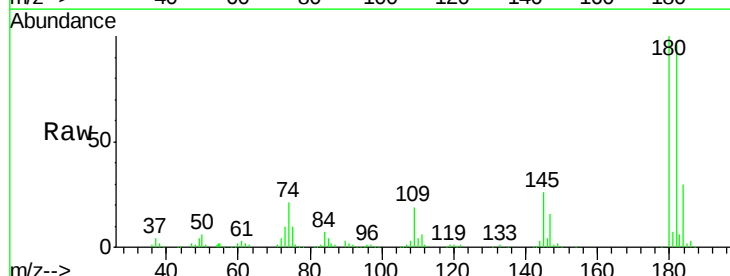
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

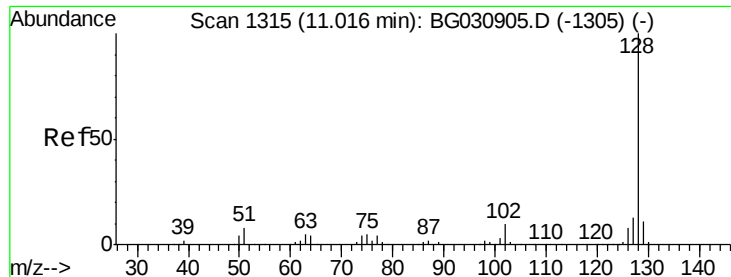
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.4	48.0	88.0
98	28.8	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 50.21 ng
 RT: 10.82 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.5	116.3
145	25.8	23.4	35.2

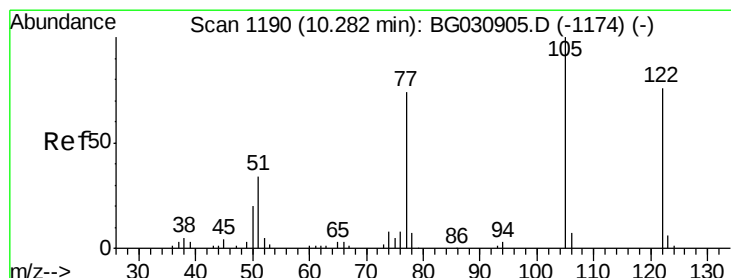
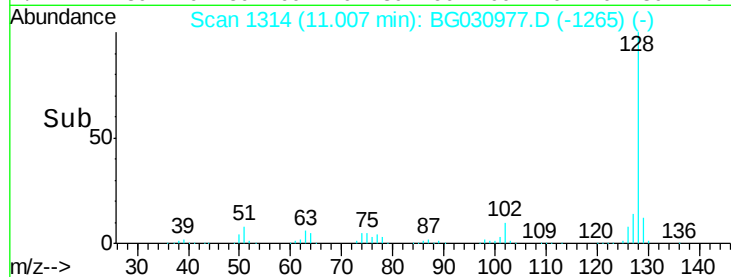
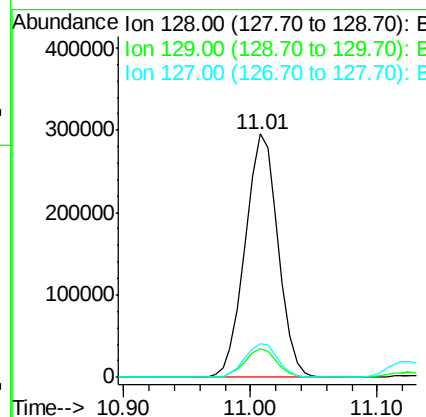
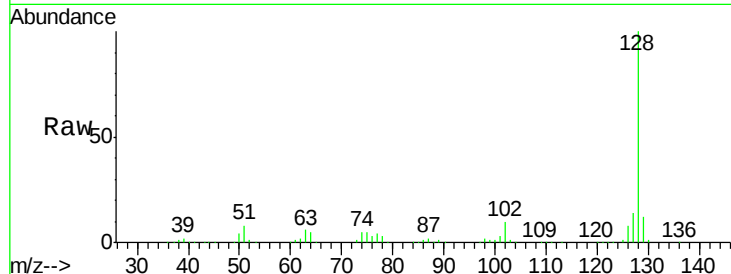




#31
Naphthalene
Concen: 53.08 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

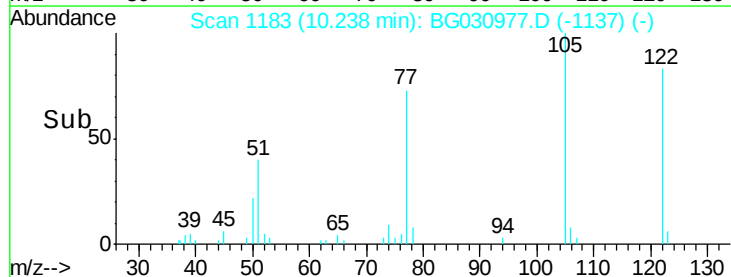
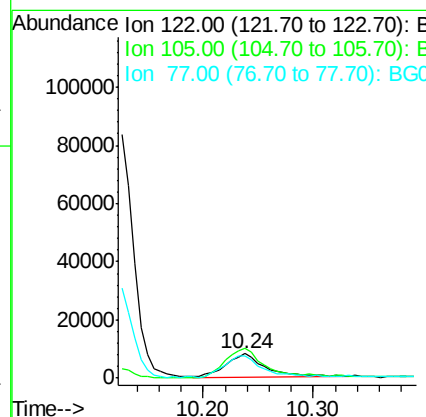
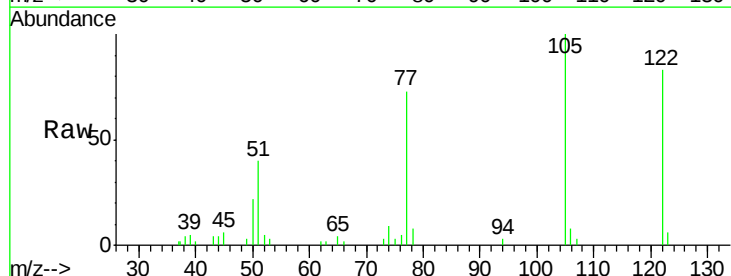
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

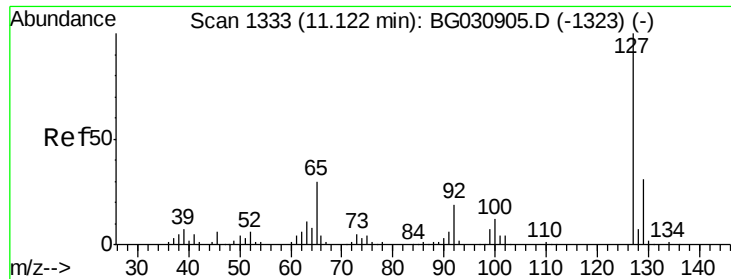
Tgt Ion:128 Resp: 531359
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 13.32 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:122 Resp: 19649
Ion Ratio Lower Upper
122 100
105 119.8 123.5 163.5#
77 88.0 85.7 125.7

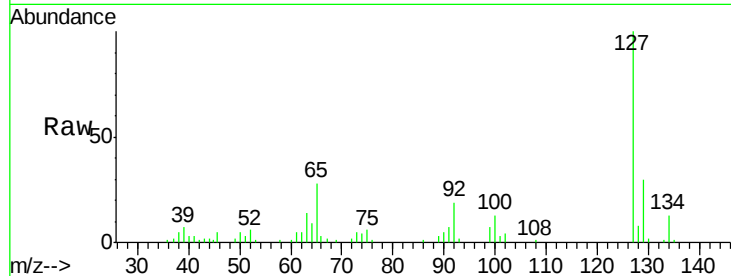




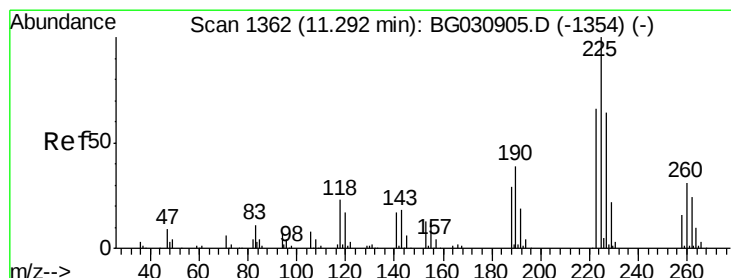
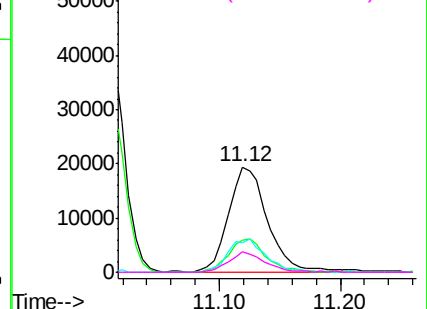
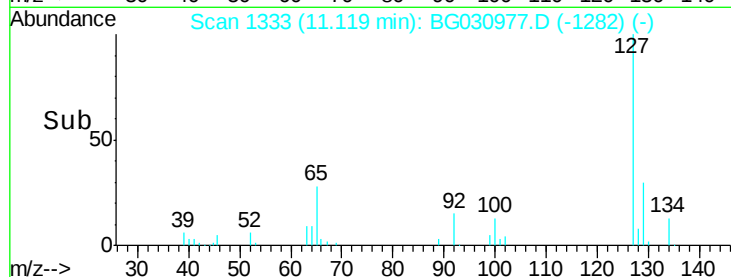
#33
4-Chloroaniline
Concen: 9.96 ng
RT: 11.12 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

Tgt Ion:	127	Resp:	43628
Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.0	36.0
65	27.9	27.0	40.4
92	19.4	16.6	25.0

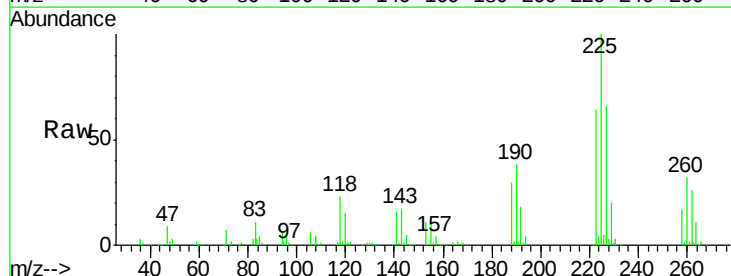


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

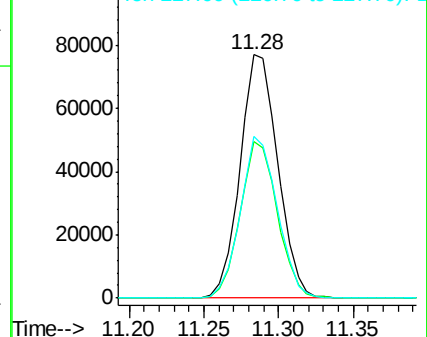
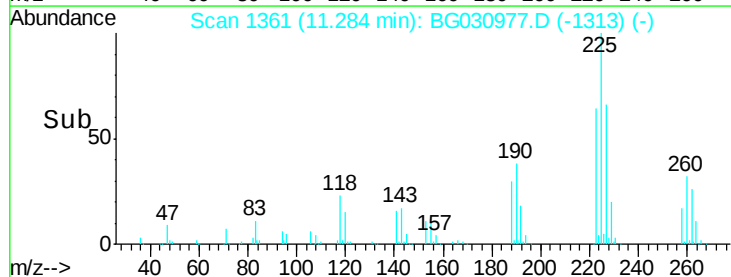


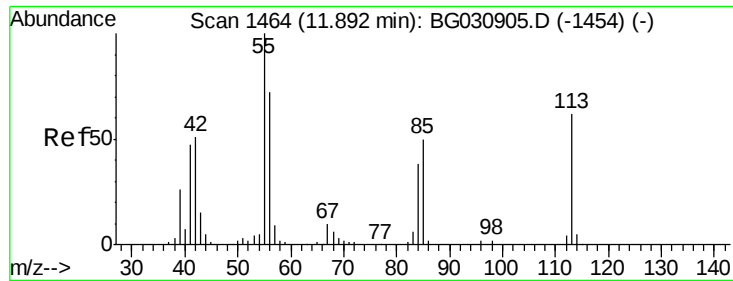
#34
Hexachlorobutadiene
Concen: 49.98 ng
RT: 11.28 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:	225	Resp:	135001
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.7	74.5
227	66.3	48.1	72.1



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





#35

Caprolactam

Concen: 15.55 ng

RT: 11.89 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

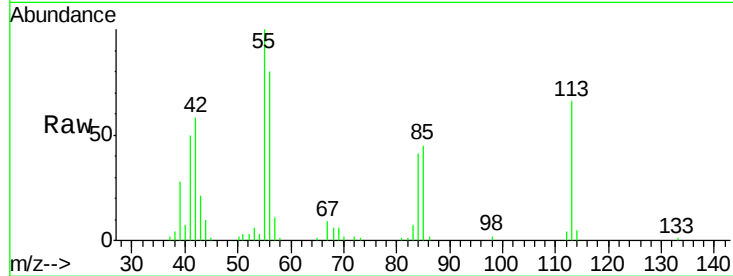
Tgt Ion:113 Resp: 20722

Ion Ratio Lower Upper

113 100

55 152.4 186.9 226.9#

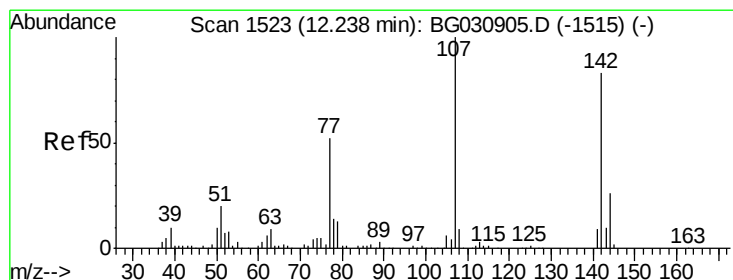
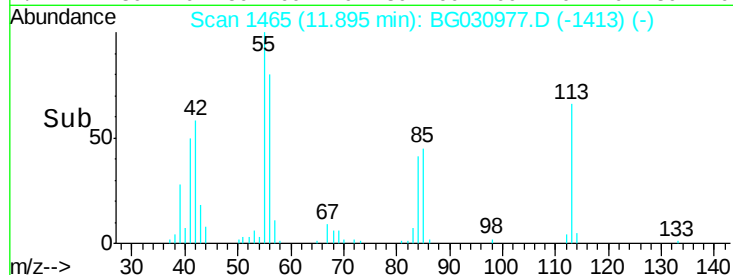
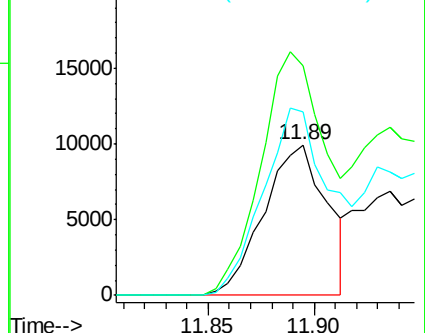
56 122.1 130.9 170.9#



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: 50.41 ng

RT: 12.24 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

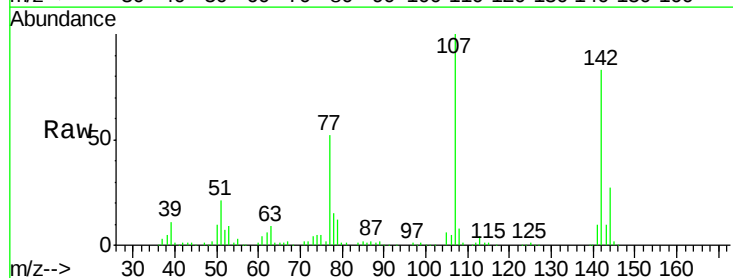
Tgt Ion:107 Resp: 178986

Ion Ratio Lower Upper

107 100

144 26.7 18.2 27.4

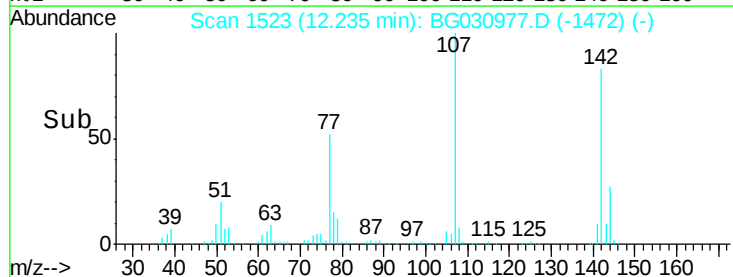
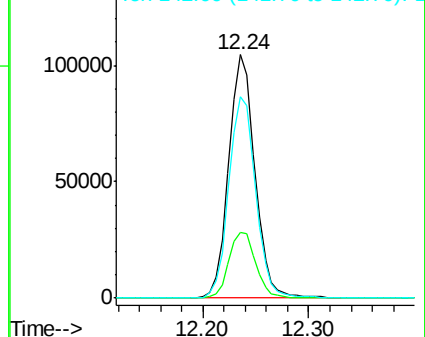
142 82.6 59.0 88.4

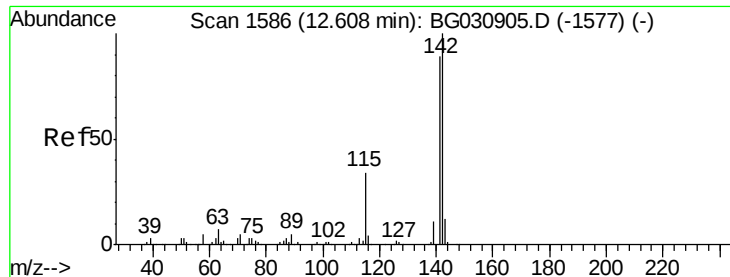


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

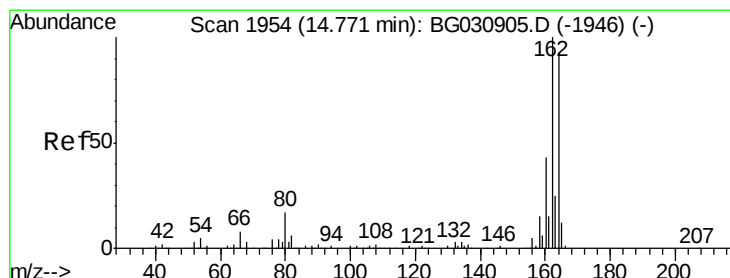
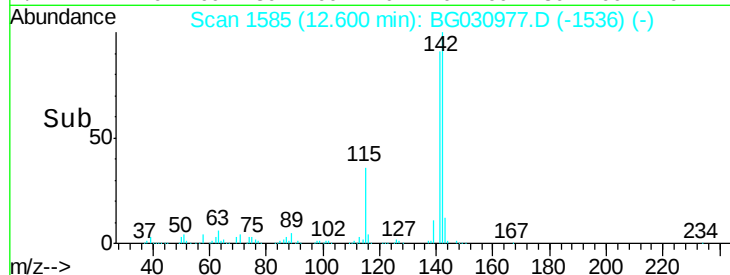
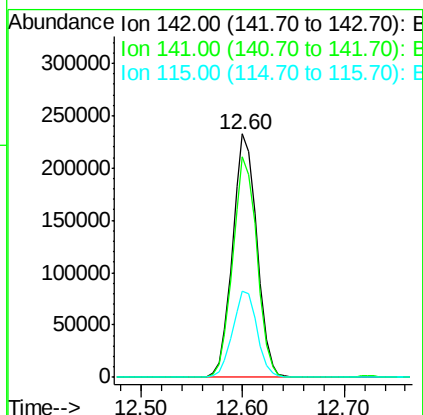
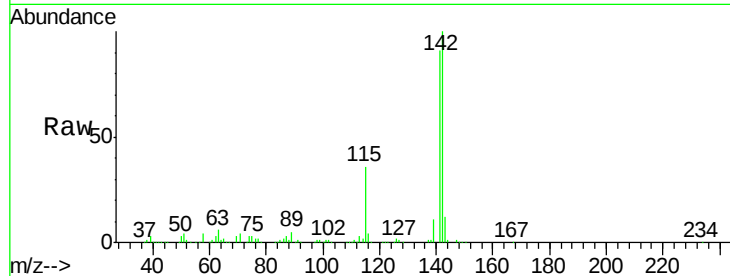




#37
 2-Methylnaphthalene
 Concen: 49.91 ng
 RT: 12.60 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

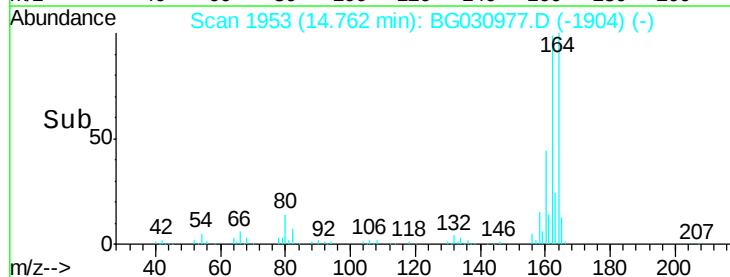
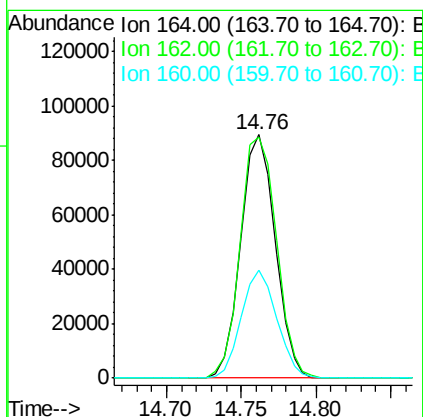
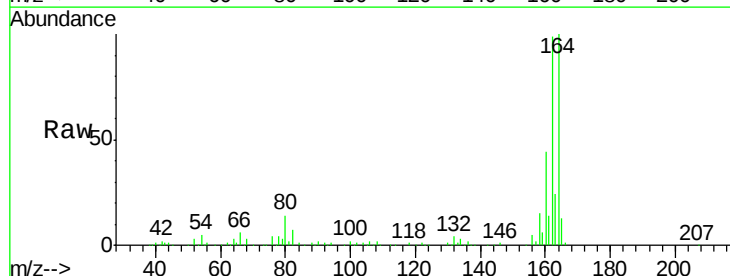
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

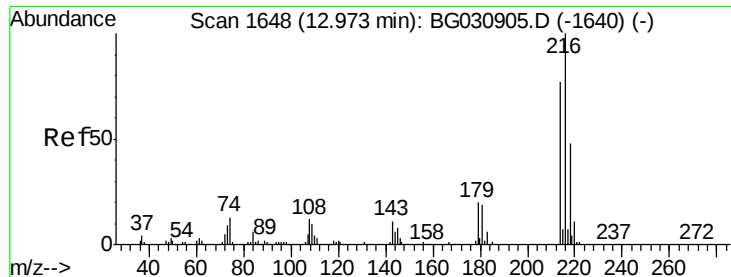
Tgt Ion:142 Resp: 385728
 Ion Ratio Lower Upper
 142 100
 141 90.6 67.1 100.7
 115 35.6 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion:164 Resp: 143540
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 44.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.17 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

Tgt Ion:216 Resp: 257323

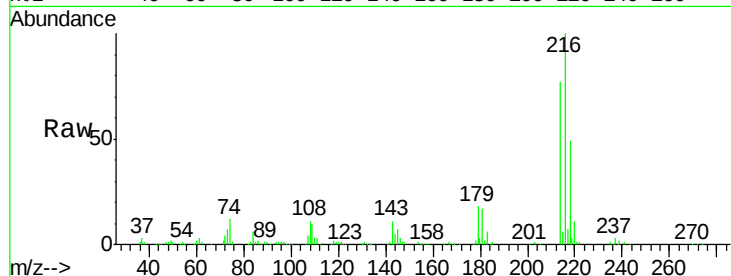
Ion Ratio Lower Upper

216 100

214 76.8 63.0 94.4

179 18.2 17.0 25.6

108 12.9 12.8 19.2

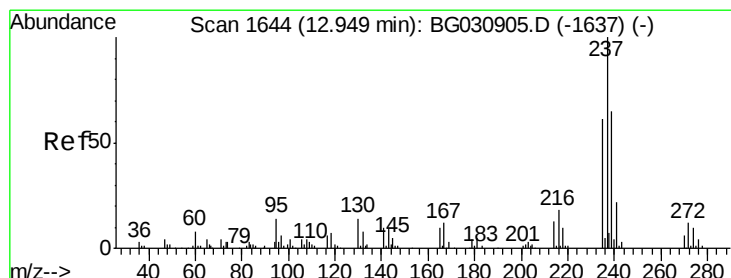
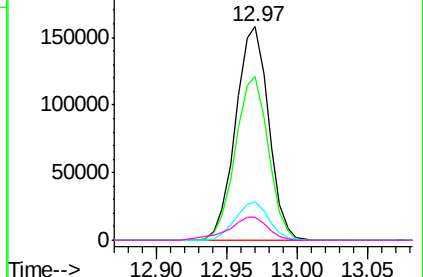
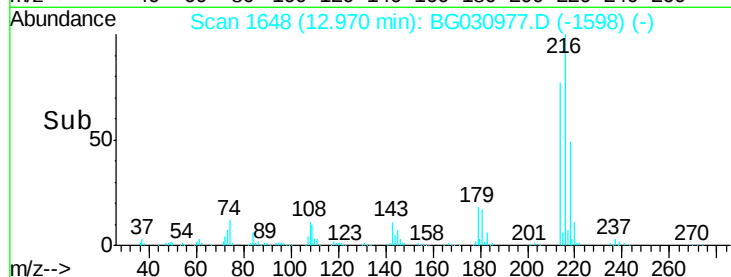


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.84 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

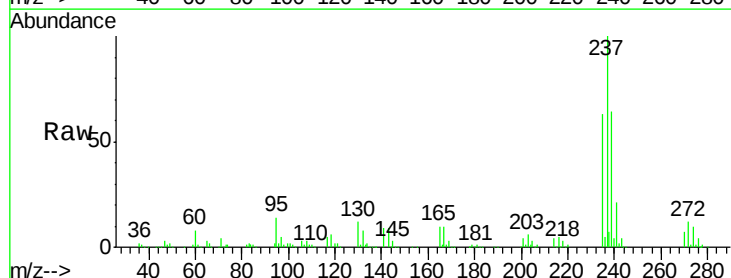
Tgt Ion:237 Resp: 199768

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

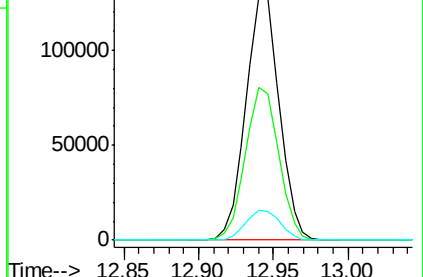
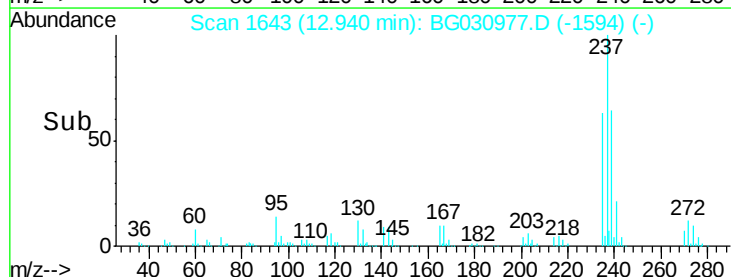
272 12.5 0.0 31.8

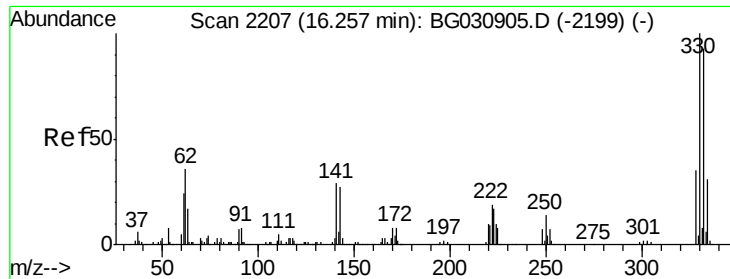


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

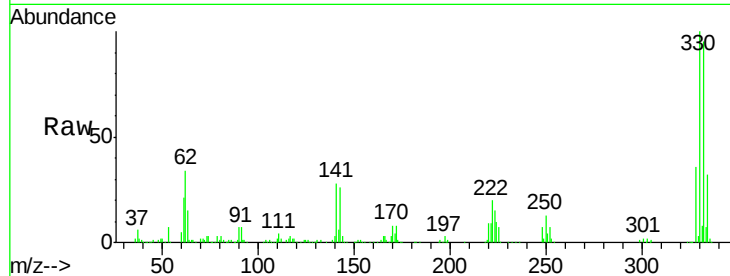




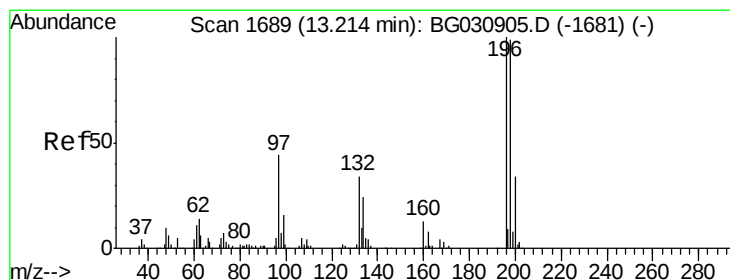
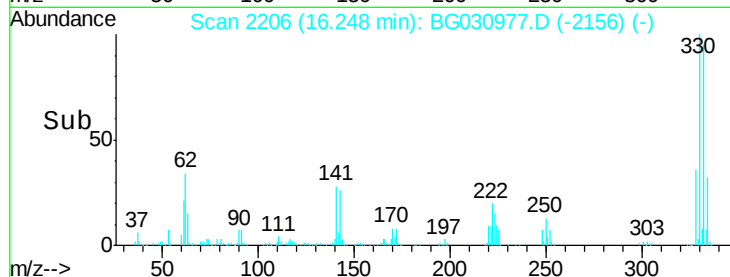
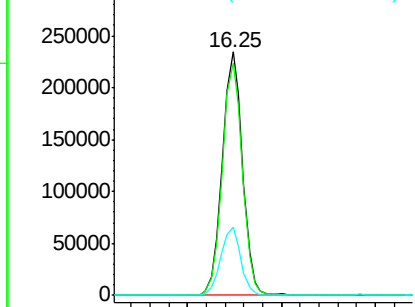
#41
 2,4,6-Tribromophenol
 Concen: 151.54 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

Tgt Ion:330 Resp: 351888
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 27.7 25.2 37.8

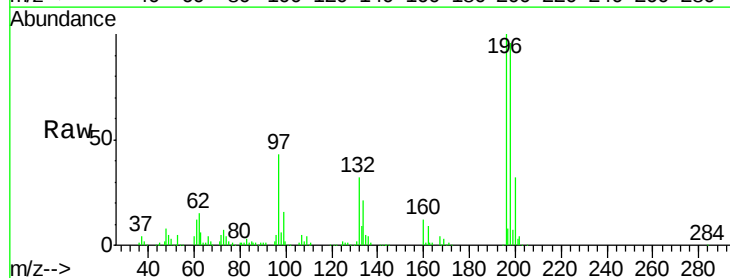


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

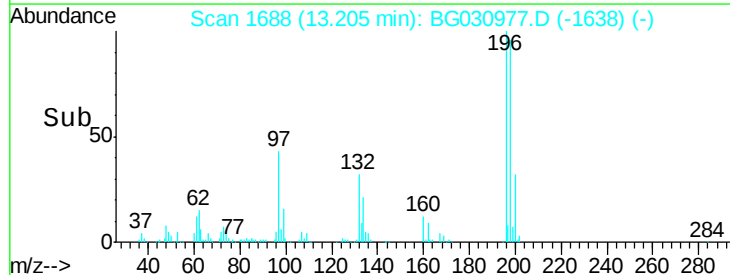
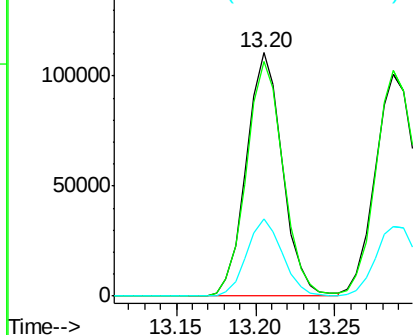


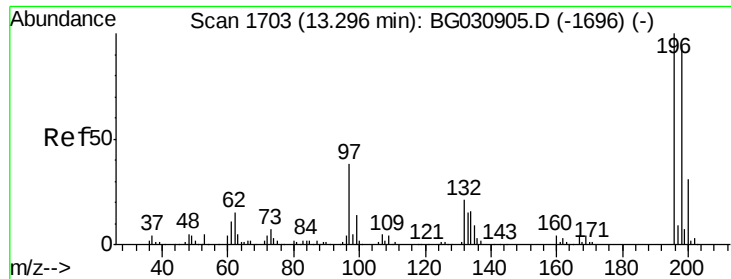
#42
 2,4,6-Trichlorophenol
 Concen: 53.88 ng
 RT: 13.20 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion:196 Resp: 175469
 Ion Ratio Lower Upper
 196 100
 198 96.3 78.2 117.2
 200 31.6 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

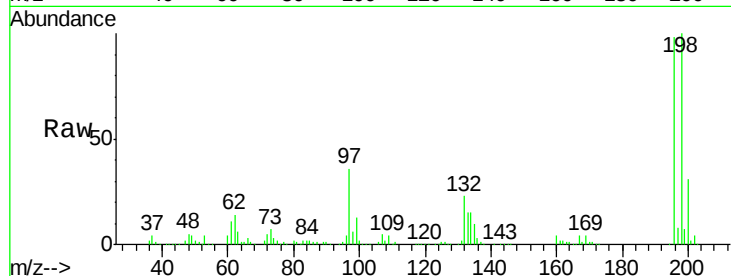




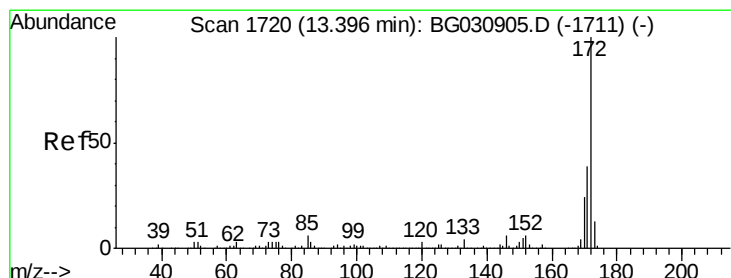
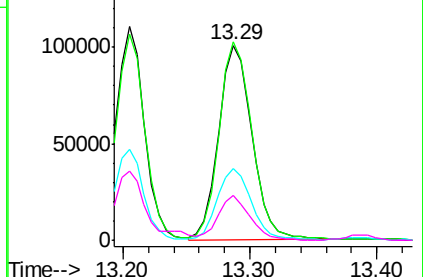
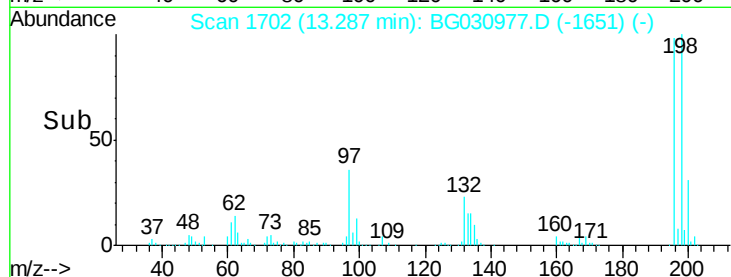
#43
2,4,5-Trichlorophenol
Concen: 51.79 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

Tgt Ion	Resp	Lower	Upper
196	184541		
198	101.7	76.2	114.4
97	36.7	38.7	58.1#
132	23.0	20.2	30.2

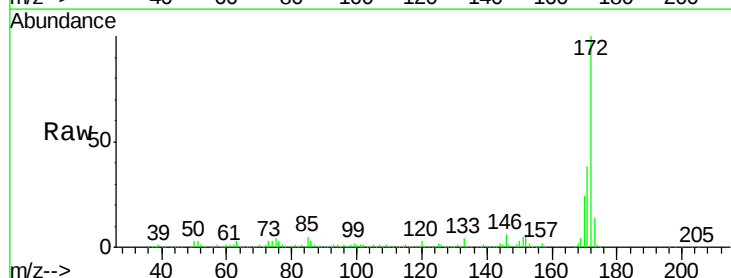


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

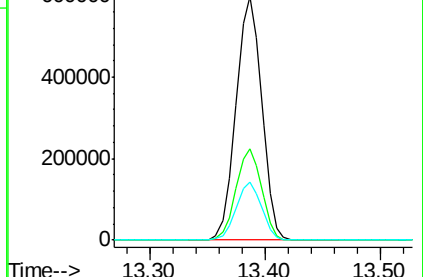
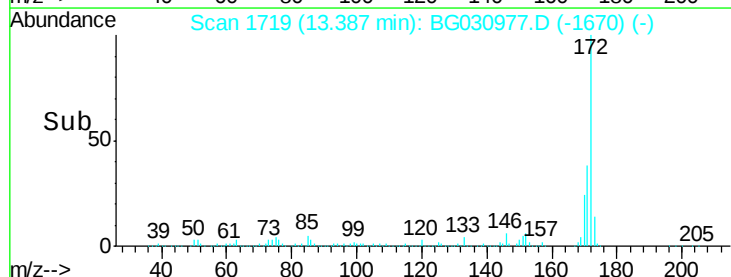


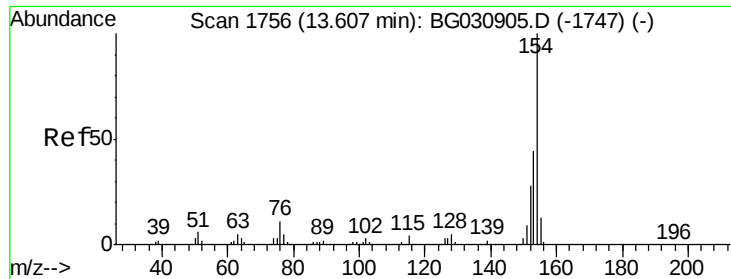
#44
2-Fluorobiphenyl
Concen: 92.05 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion	Resp	Lower	Upper
172	919530		
171	37.7	30.0	45.0
170	24.1	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

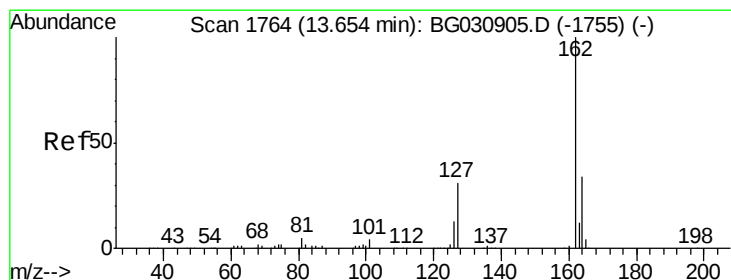
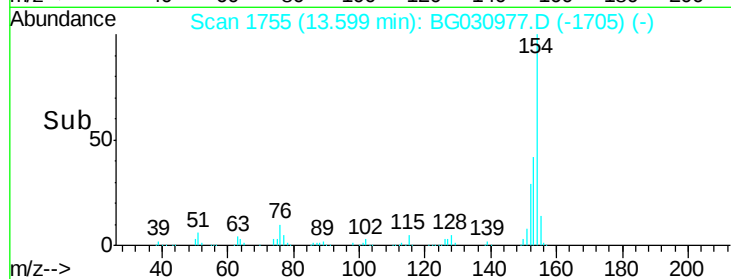
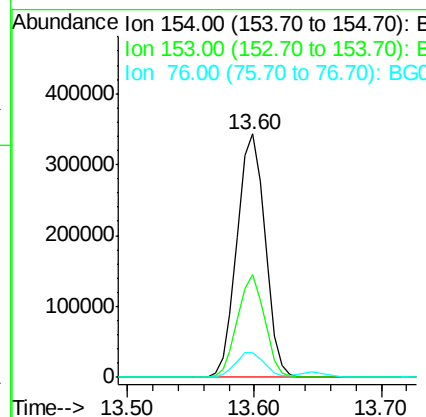
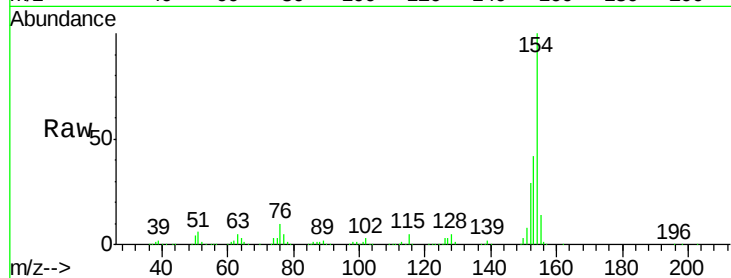




#45
 1,1'-Biphenyl
 Concen: 44.17 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

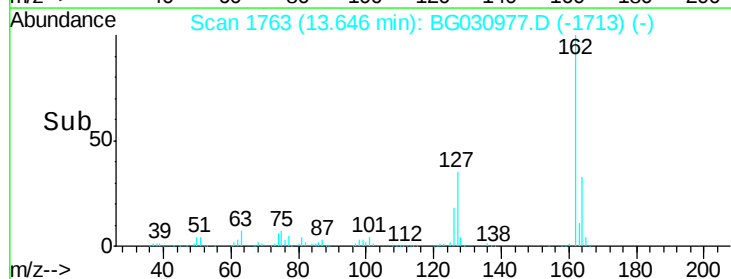
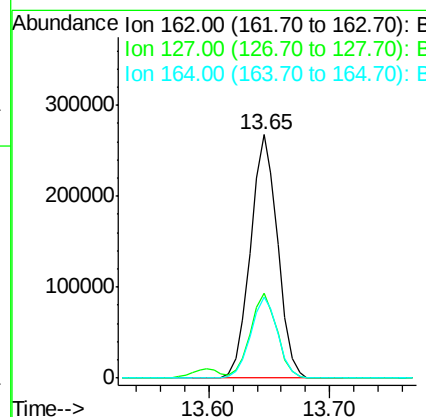
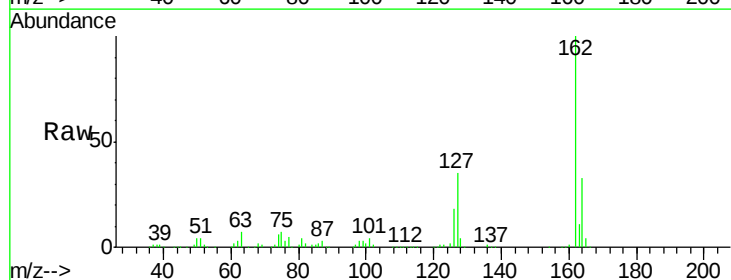
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

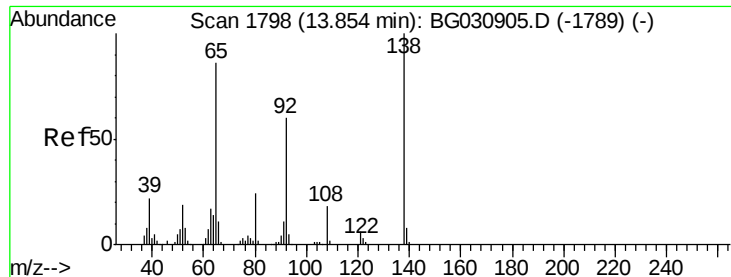
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	10.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 48.75 ng
 RT: 13.65 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.7	46.1
164	33.4	26.0	39.0

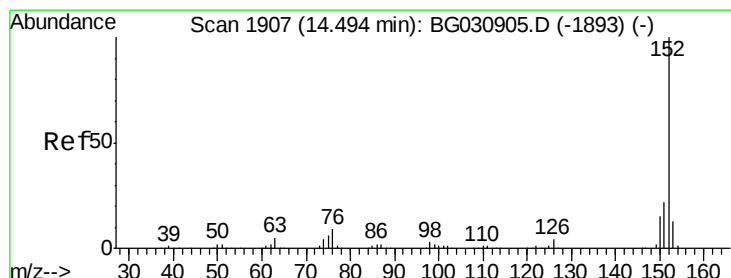
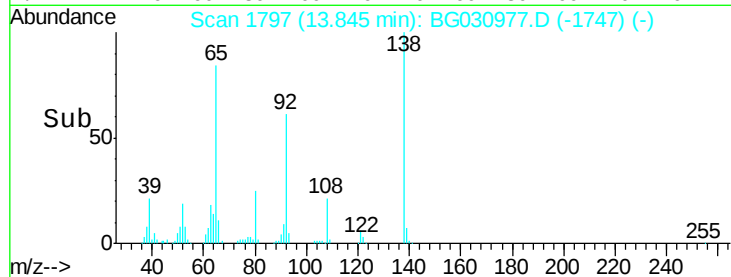
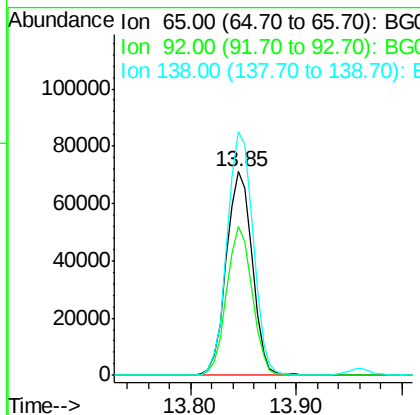
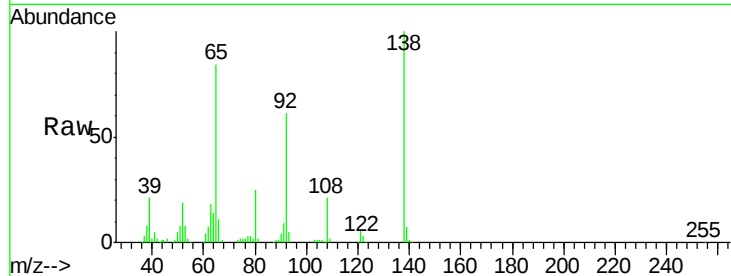




#47
2-Nitroaniline
Concen: 47.29 ng
RT: 13.85 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

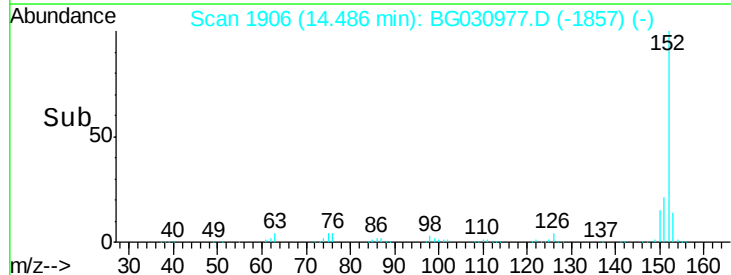
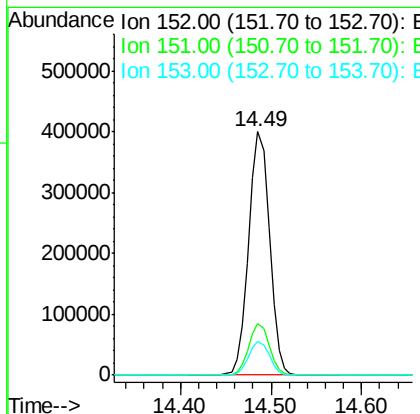
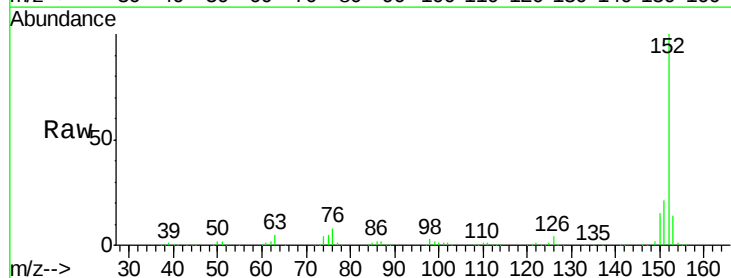
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

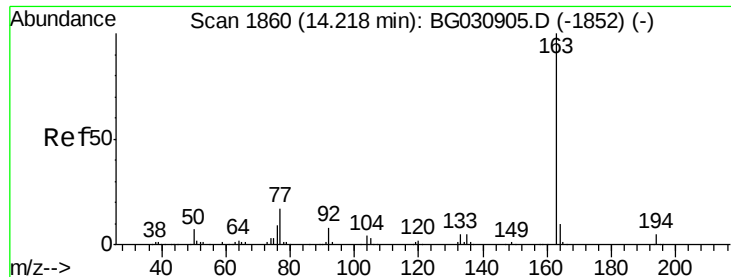
Tgt Ion: 65 Resp: 120374
Ion Ratio Lower Upper
65 100
92 73.2 54.6 82.0
138 119.6 72.9 109.3#



#48
Acenaphthylene
Concen: 45.47 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion: 152 Resp: 639189
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 47.36 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

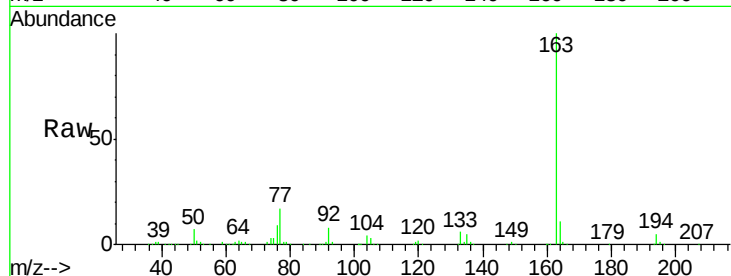
Tgt Ion:163 Resp: 587727

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

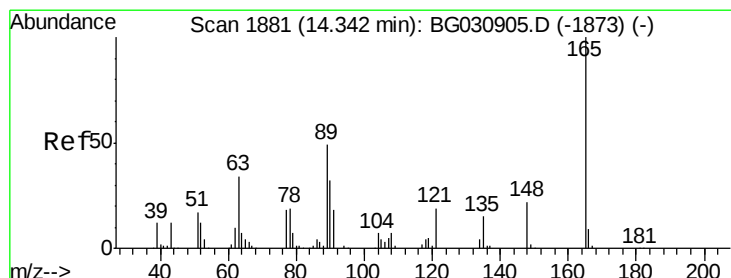
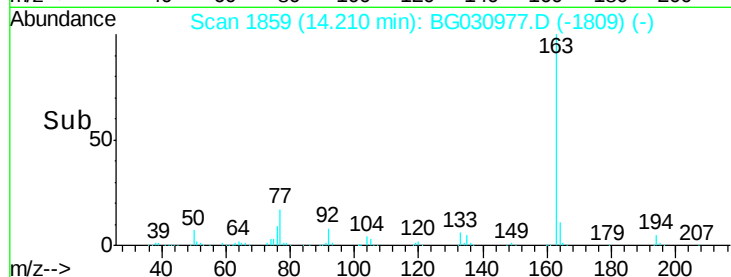
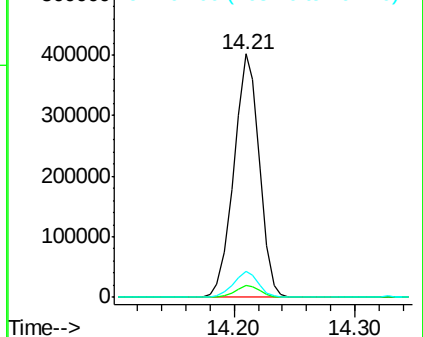
164 10.6 8.2 12.4



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: 51.88 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

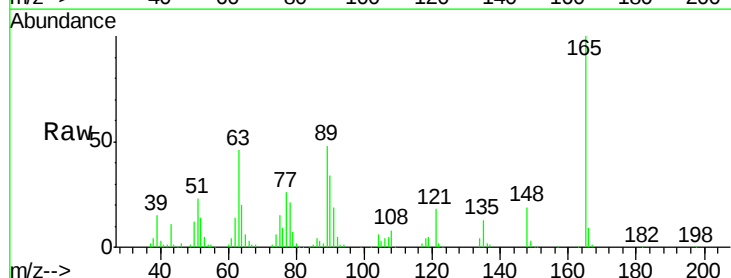
Tgt Ion:165 Resp: 132701

Ion Ratio Lower Upper

165 100

63 46.1 52.7 79.1#

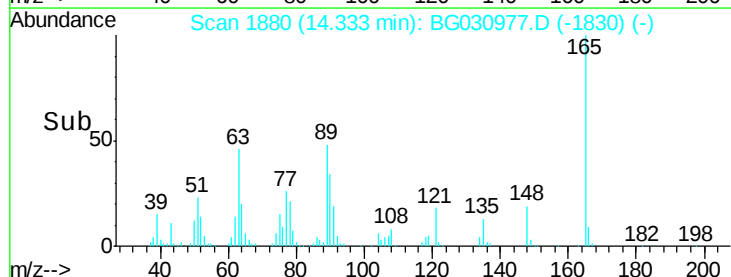
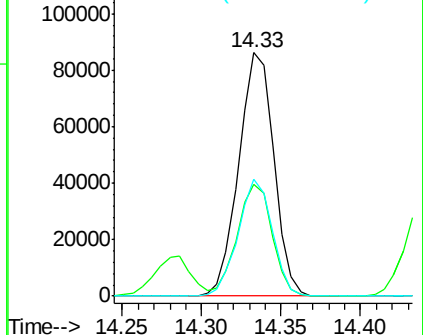
89 48.2 49.2 73.8#

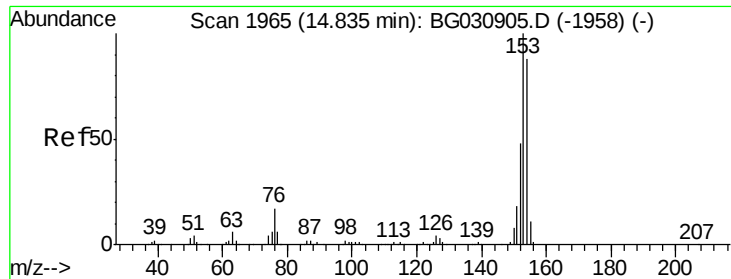


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.34 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

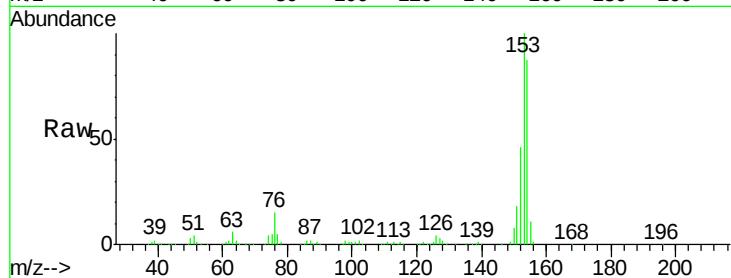
Tgt Ion:154 Resp: 406778

Ion Ratio Lower Upper

154 100

153 115.5 90.4 135.6

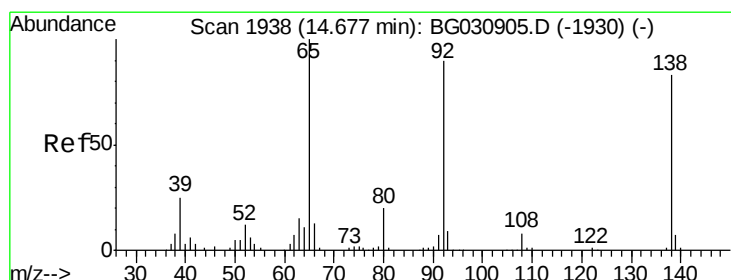
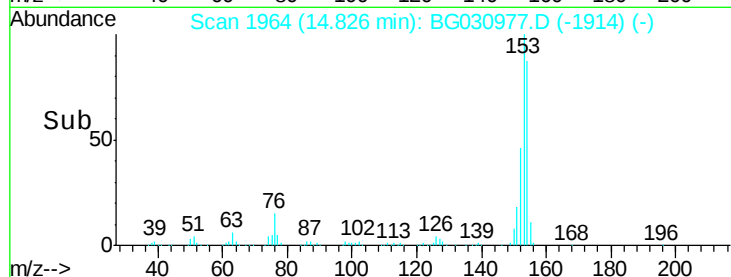
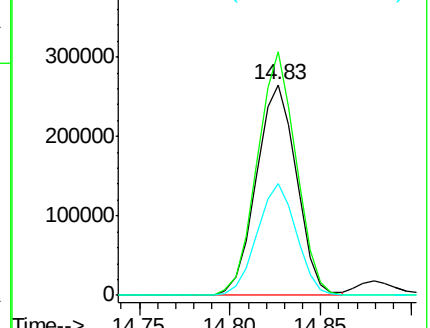
152 53.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.50 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

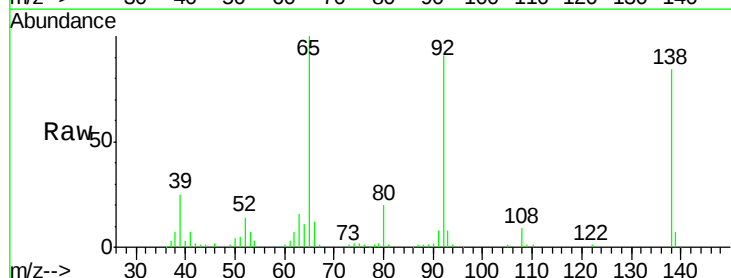
Tgt Ion:138 Resp: 74683

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

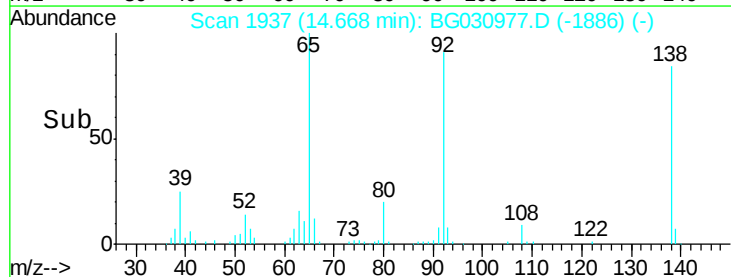
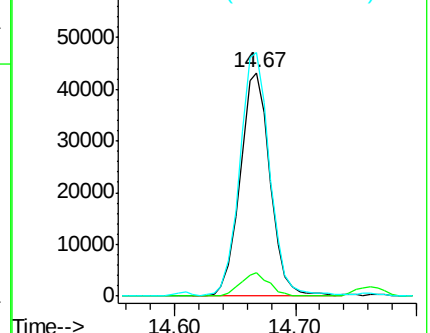
92 108.9 105.8 158.8

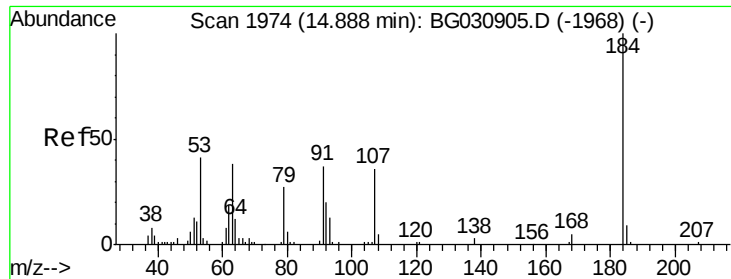


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

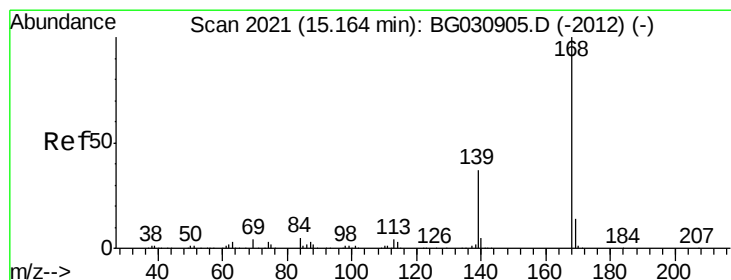
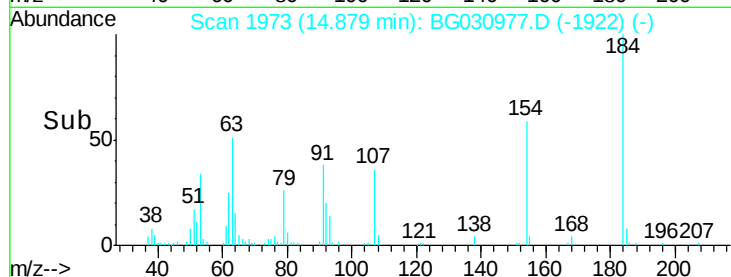
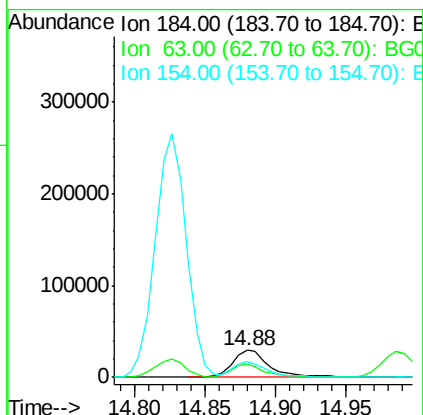
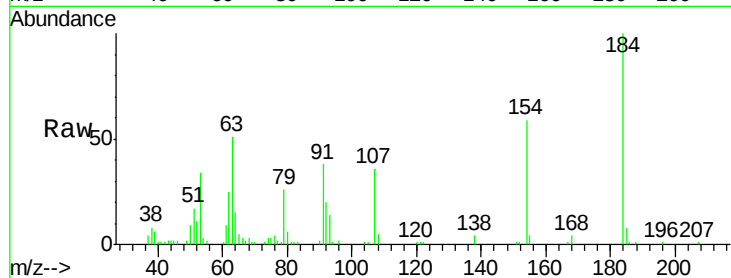




#53
2,4-Dinitrophenol
Concen: 40.48 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

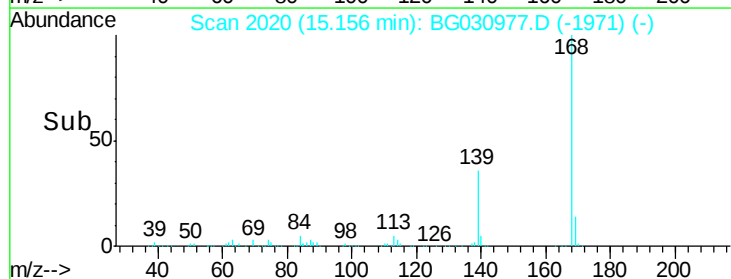
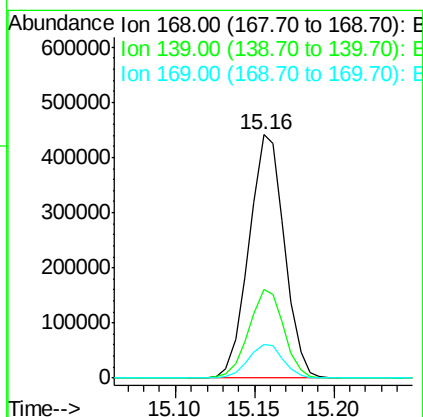
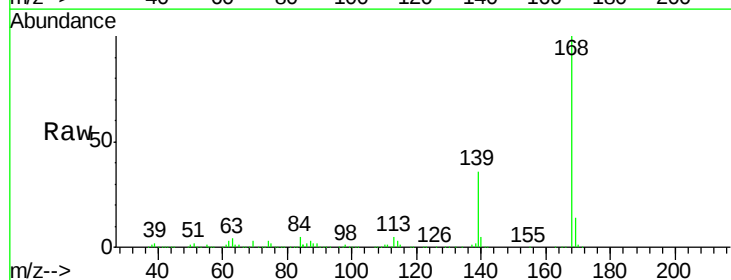
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

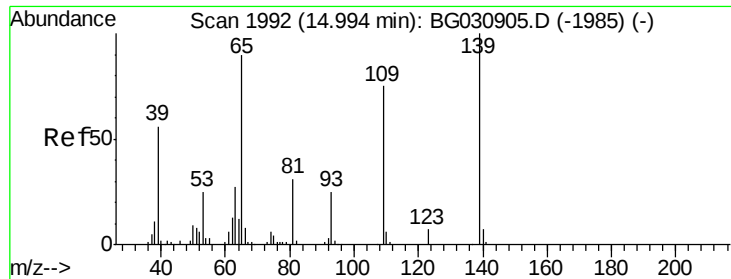
Tgt Ion:184 Resp: 52561
Ion Ratio Lower Upper
184 100
63 50.7 59.8 89.8#
154 59.0 101.8 152.8#



#54
Dibenzofuran
Concen: 48.99 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:168 Resp: 685040
Ion Ratio Lower Upper
168 100
139 36.4 28.6 43.0
169 13.9 11.2 16.8

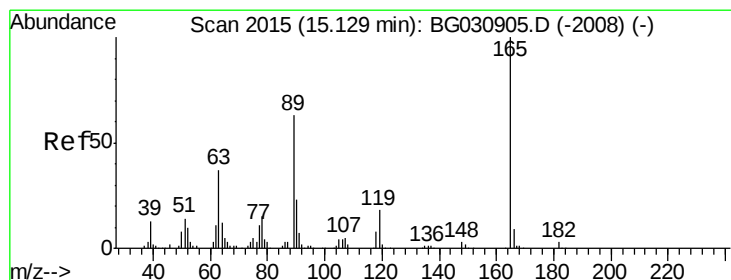
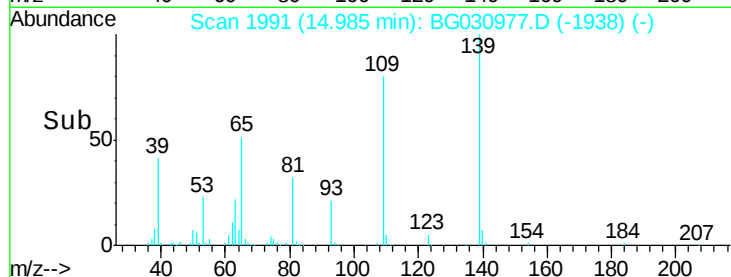
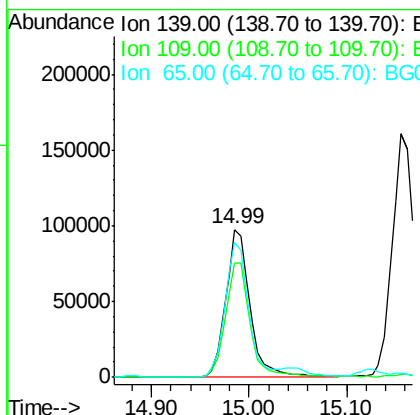
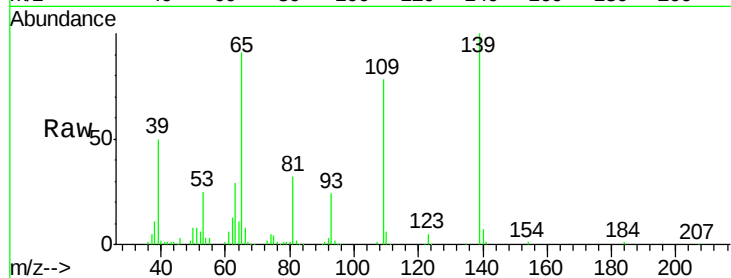




#55
4-Nitrophenol
Concen: 87.58 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

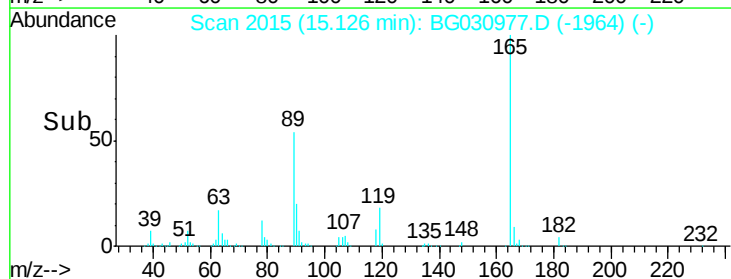
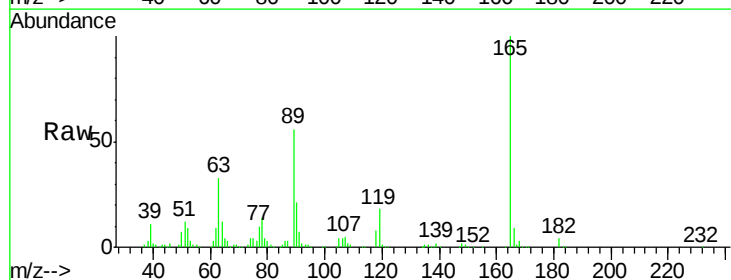
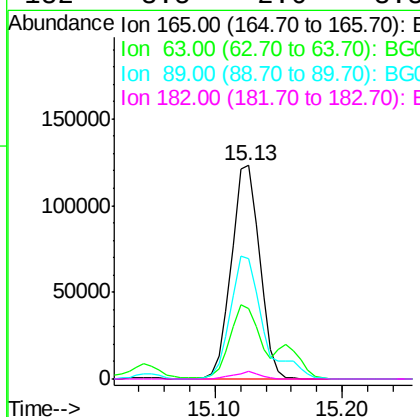
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

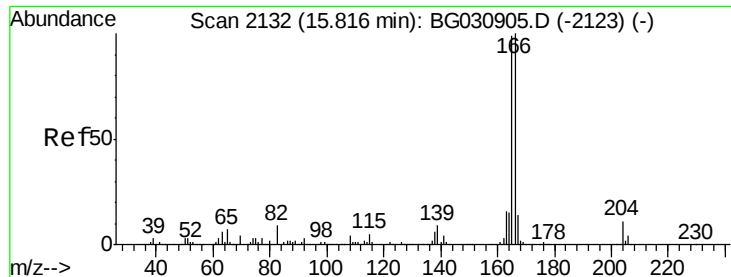
Tgt Ion:139 Resp: 169466
Ion Ratio Lower Upper
139 100
109 77.5 62.2 102.2
65 91.2 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 51.22 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:165 Resp: 189412
Ion Ratio Lower Upper
165 100
63 33.2 42.0 63.0#
89 56.4 66.9 100.3#
182 3.5 2.6 3.8





#57

Fluorene

Concen: 47.58 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

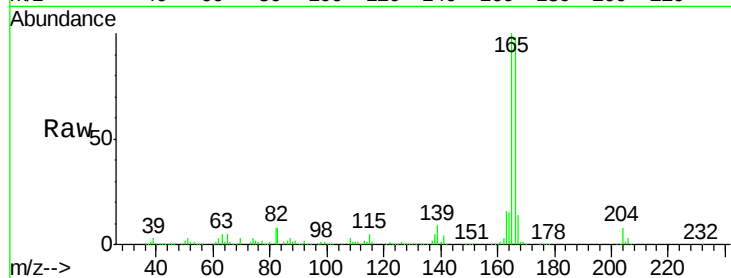
Tgt Ion:166 Resp: 540155

Ion Ratio Lower Upper

166 100

165 101.9 80.6 121.0

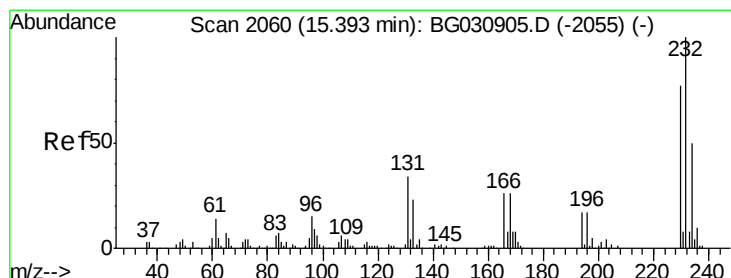
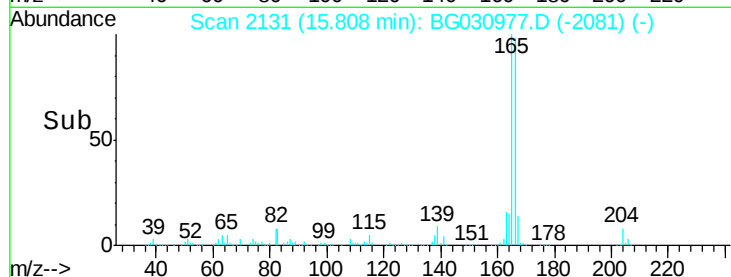
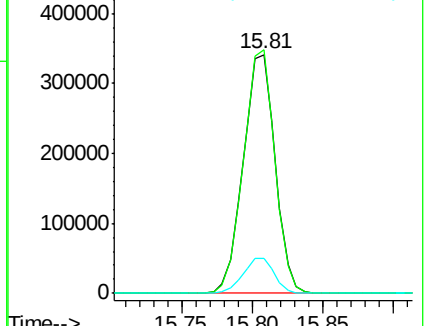
167 14.6 10.4 15.6



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: 57.06 ng

RT: 15.38 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Tgt Ion:232 Resp: 193800

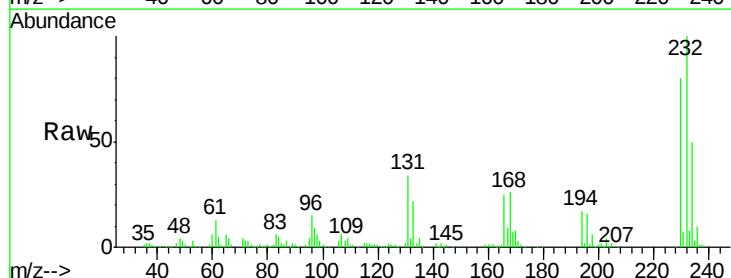
Ion Ratio Lower Upper

232 100

131 32.5 33.5 50.3#

130 1.9 2.2 3.2#

166 24.7 24.8 37.2#

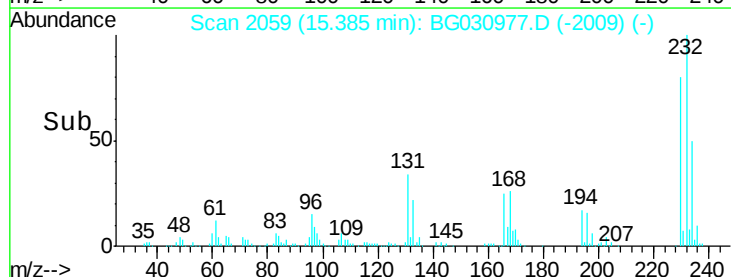
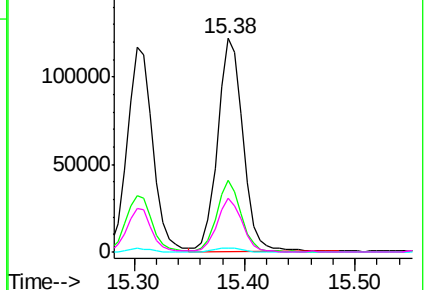


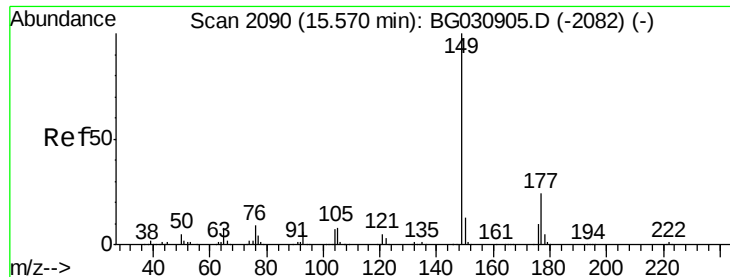
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.02 ng

RT: 15.56 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

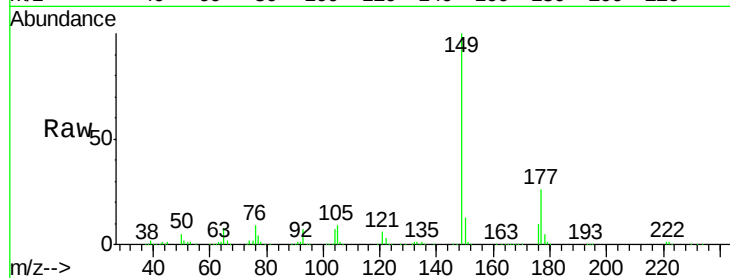
Tgt Ion:149 Resp: 580154

Ion Ratio Lower Upper

149 100

177 25.6 18.5 27.7

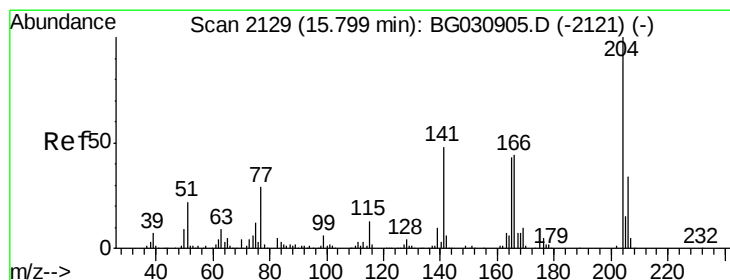
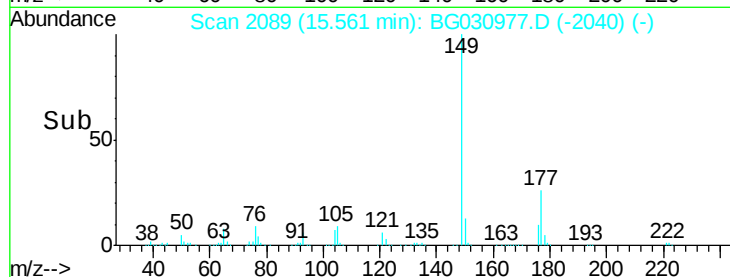
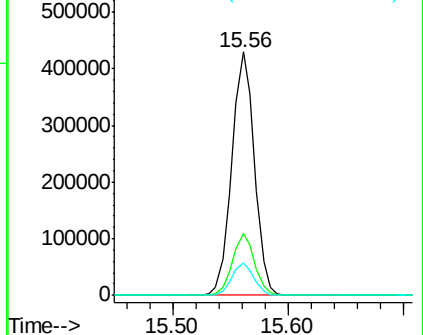
150 13.1 10.2 15.2



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: 48.71 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

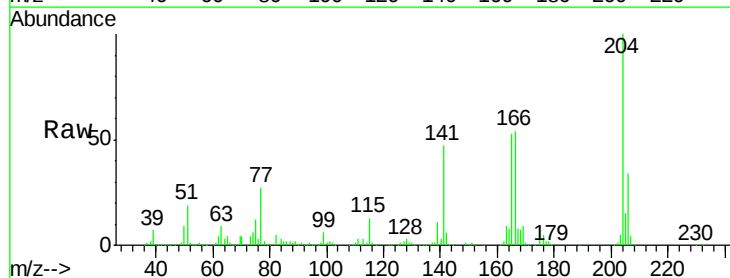
Tgt Ion:204 Resp: 333920

Ion Ratio Lower Upper

204 100

206 33.8 26.2 39.2

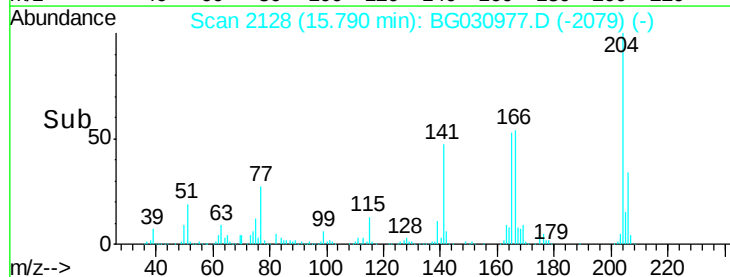
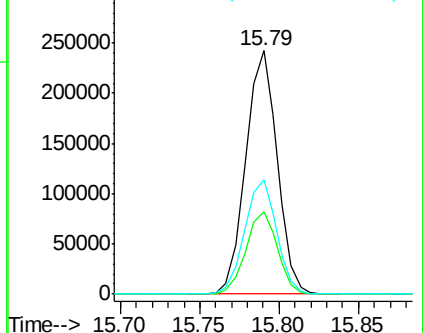
141 46.9 45.8 68.6

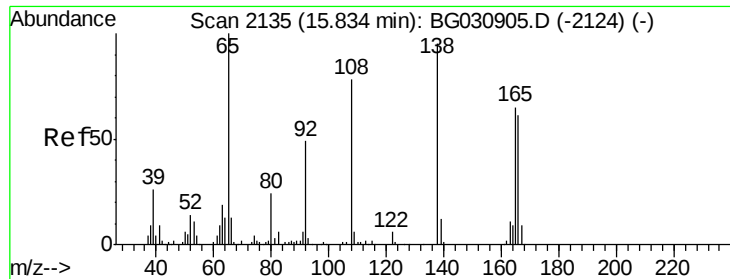


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

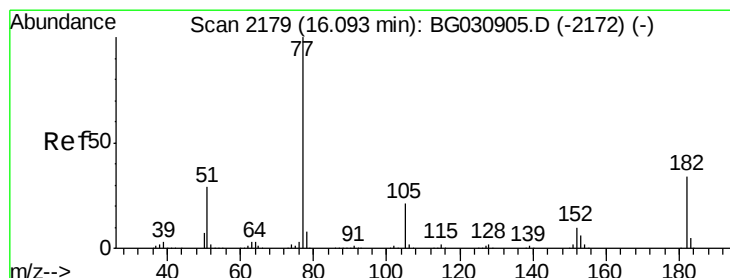
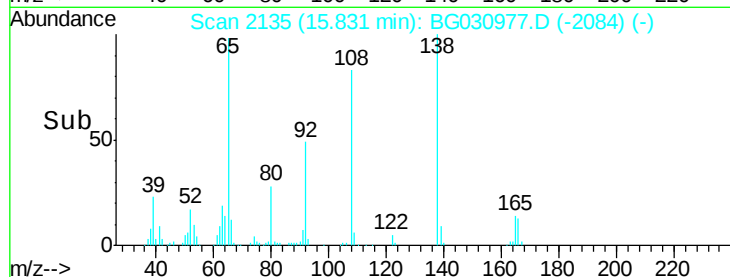
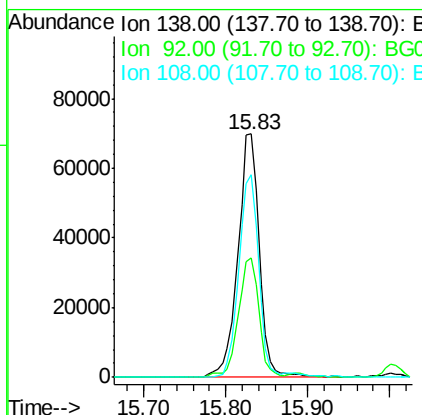
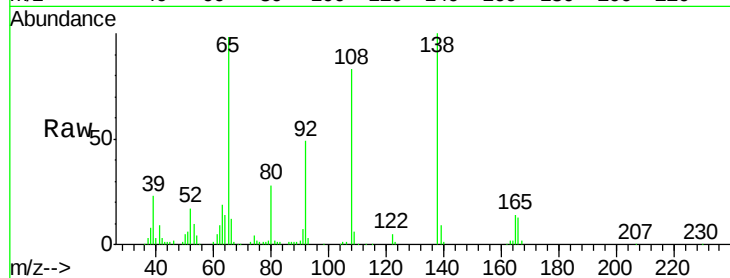




#61
4-Nitroaniline
Concen: 44.35 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

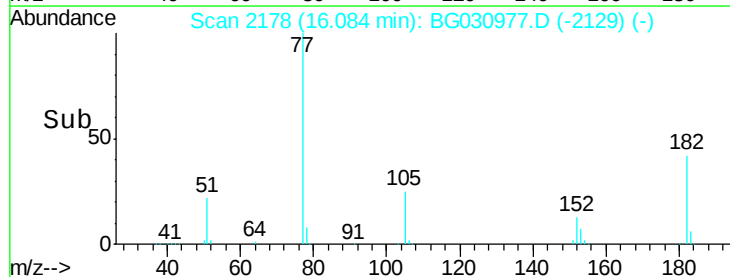
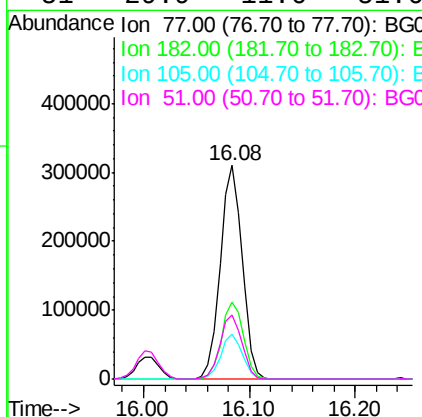
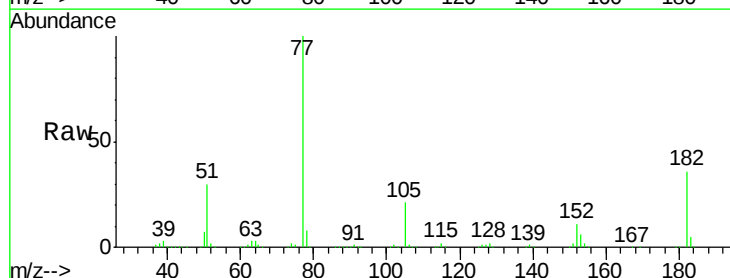
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

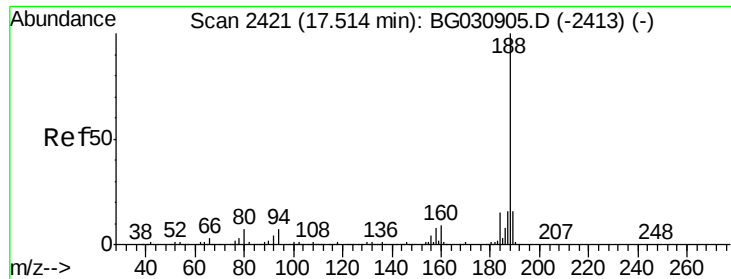
Tgt Ion: 138 Resp: 127562
Ion Ratio Lower Upper
138 100
92 49.2 40.1 80.1
108 83.2 65.4 105.4



#62
Azobenzene
Concen: 46.64 ng
RT: 16.08 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion: 77 Resp: 448429
Ion Ratio Lower Upper
77 100
182 35.7 7.4 47.4
105 21.0 0.3 40.3
51 29.9 11.6 51.6

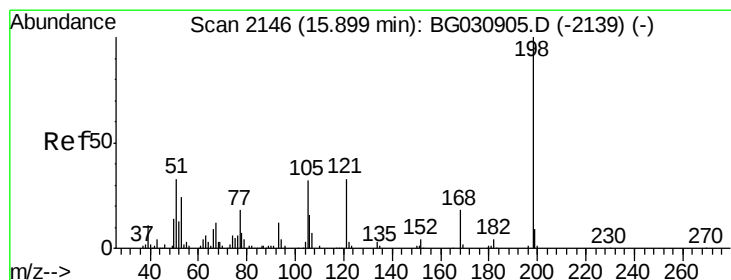
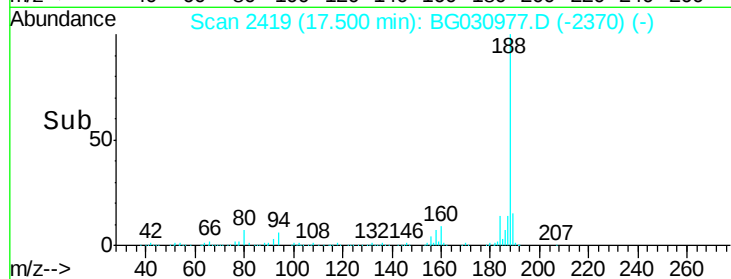
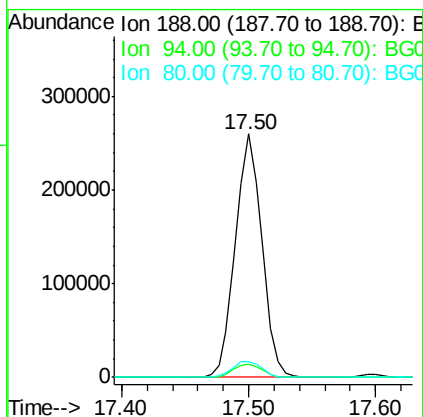
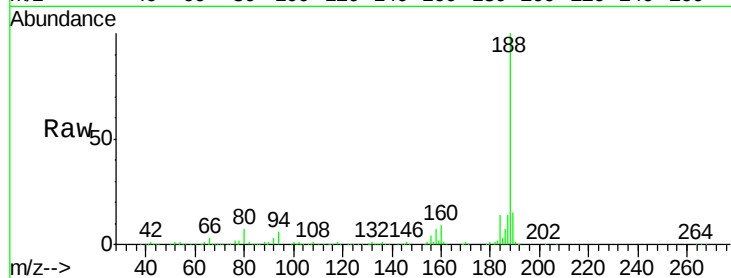




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

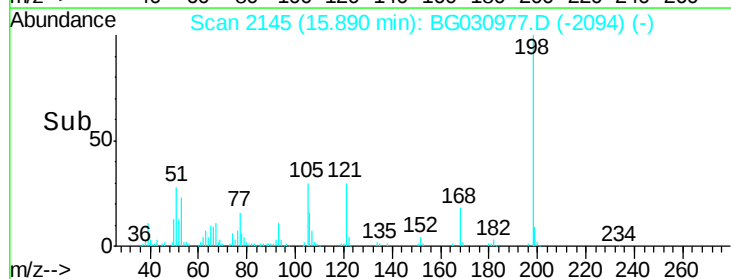
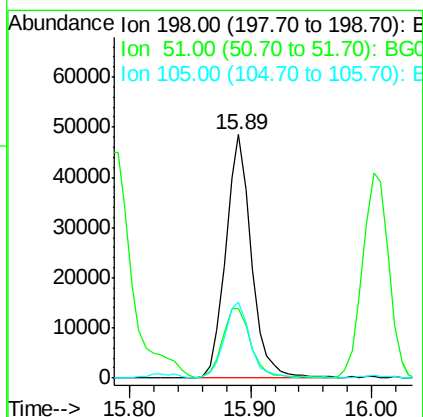
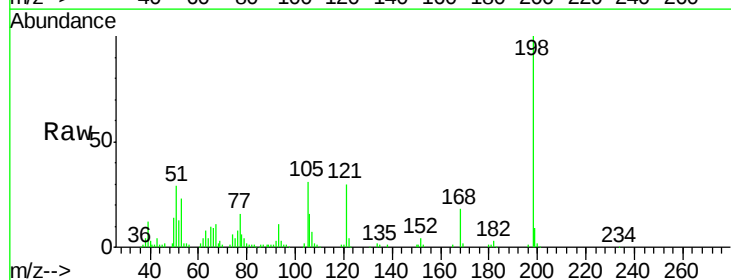
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

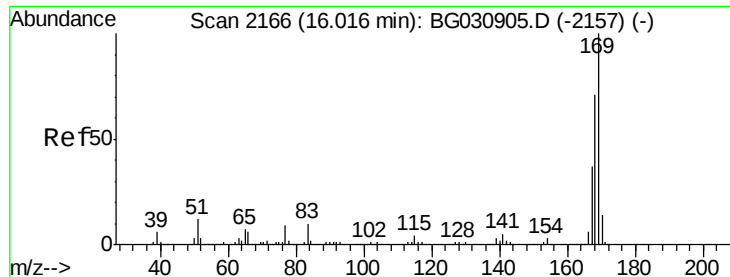
Tgt Ion:188 Resp: 375246
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 28.71 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:198 Resp: 71603
Ion Ratio Lower Upper
198 100
51 28.8 30.6 70.6#
105 31.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 44.97 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

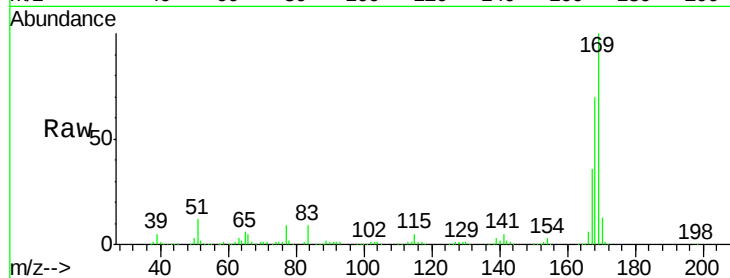
Tgt Ion:169 Resp: 511303

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

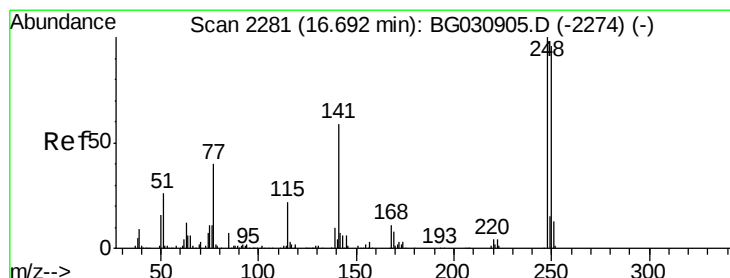
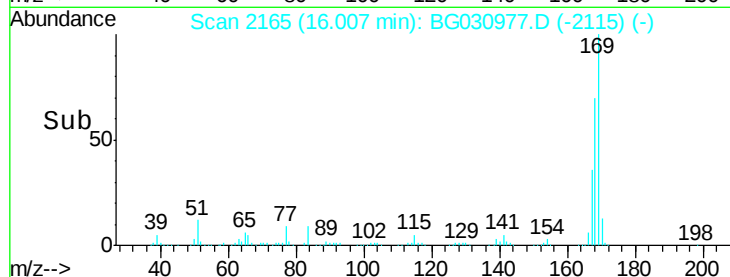
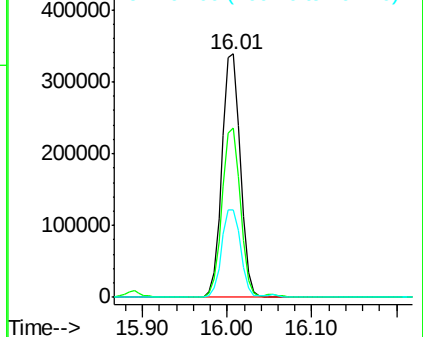
167 36.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.16 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

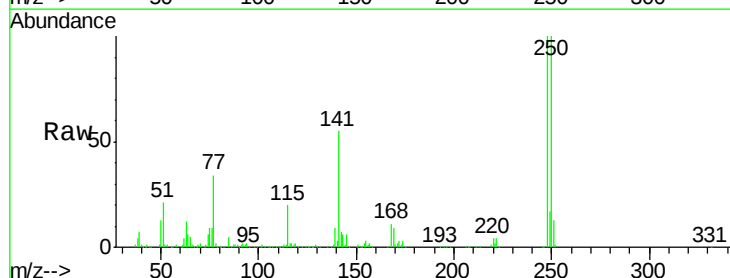
Tgt Ion:248 Resp: 243127

Ion Ratio Lower Upper

248 100

250 99.8 77.1 115.7

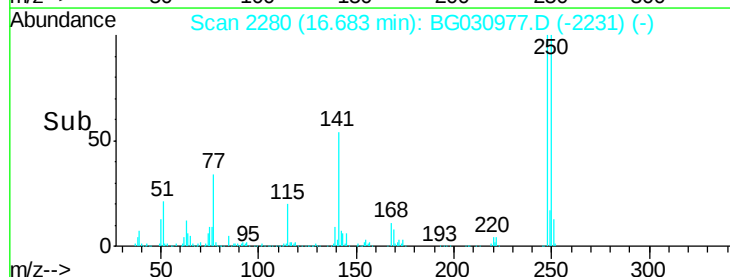
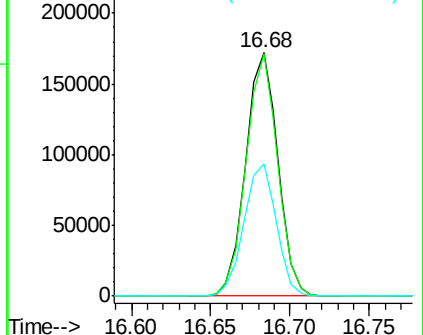
141 54.5 50.8 76.2

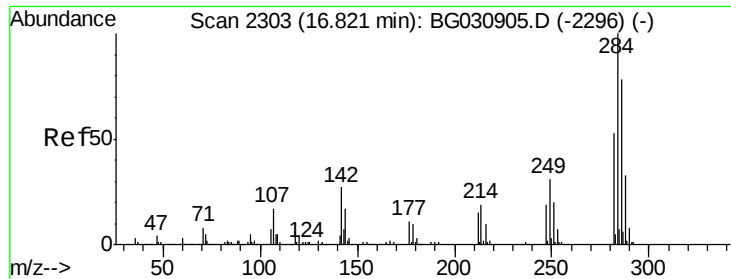


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

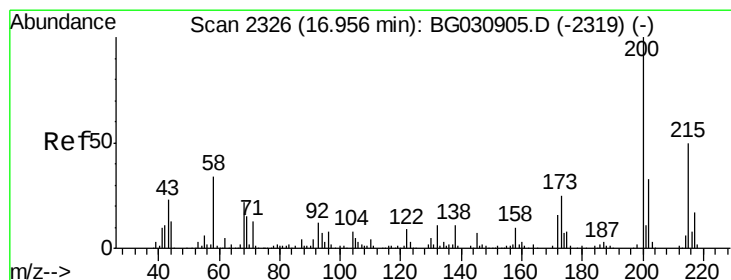
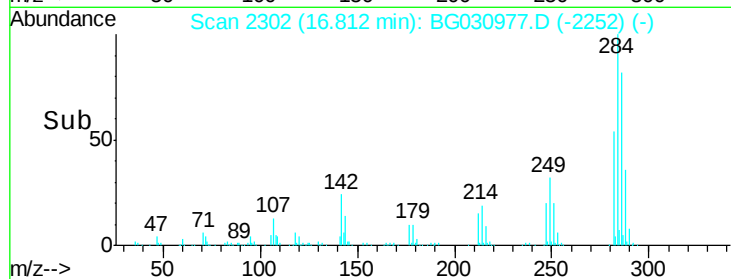
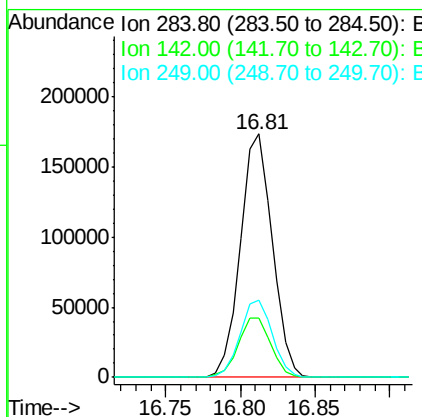
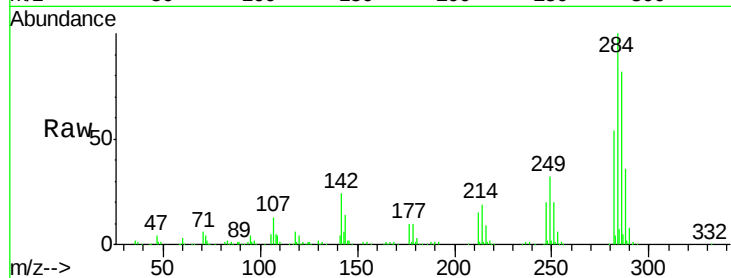




#67
Hexachlorobenzene
Concen: 50.83 ng
RT: 16.81 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

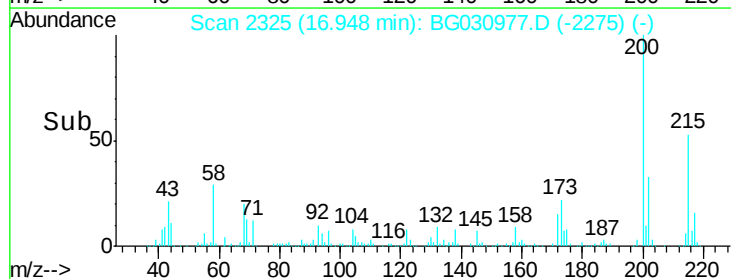
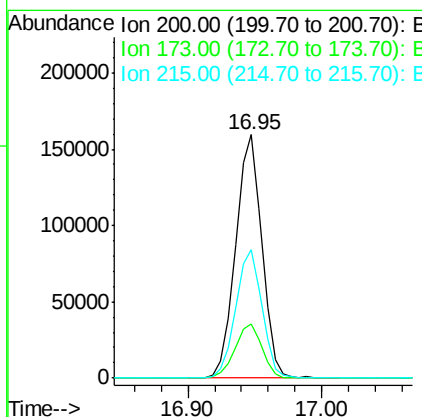
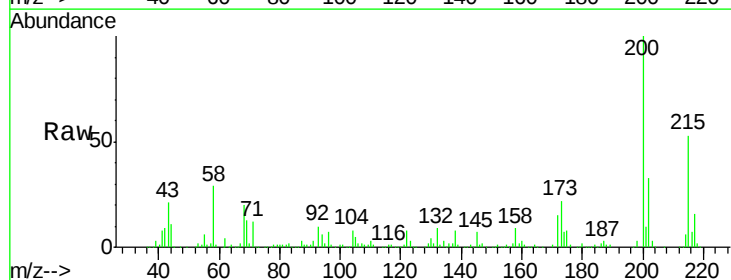
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

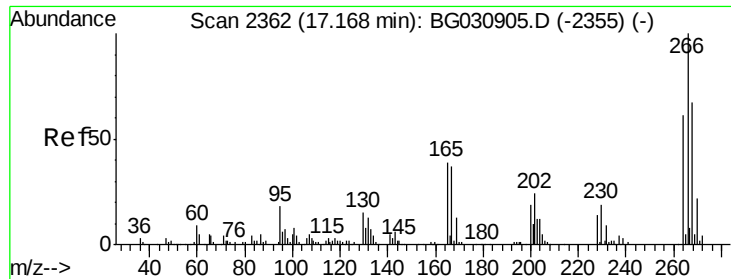
Tgt Ion: 284 Resp: 256705
Ion Ratio Lower Upper
284 100
142 24.1 26.8 40.2#
249 31.7 26.3 39.5



#68
Atrazine
Concen: 46.29 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion: 200 Resp: 217154
Ion Ratio Lower Upper
200 100
173 22.3 5.2 45.2
215 52.9 30.4 70.4

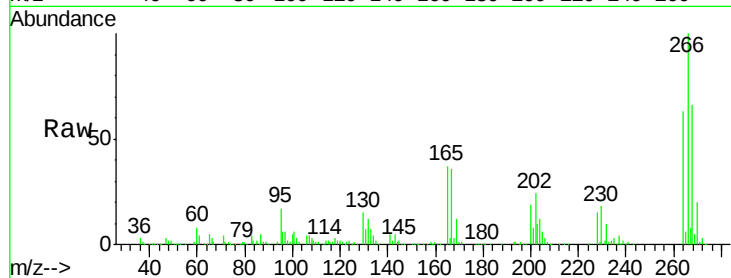




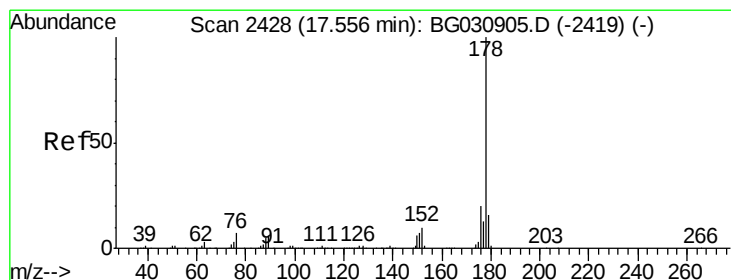
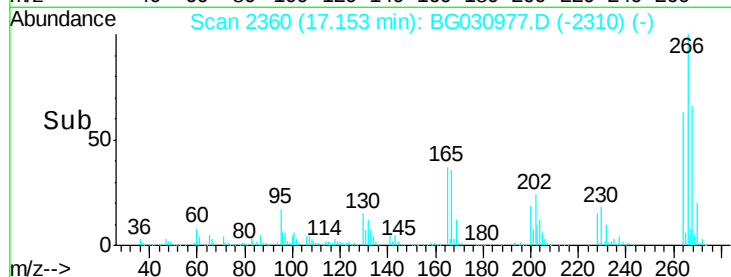
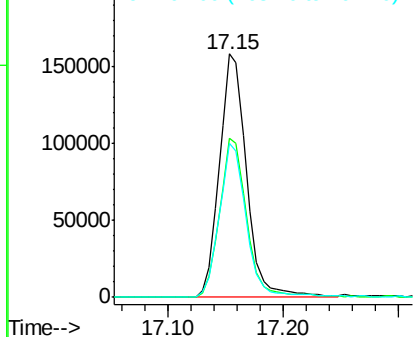
#69
 Pentachlorophenol
 Concen: 92.51 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	63.2	49.6	74.4

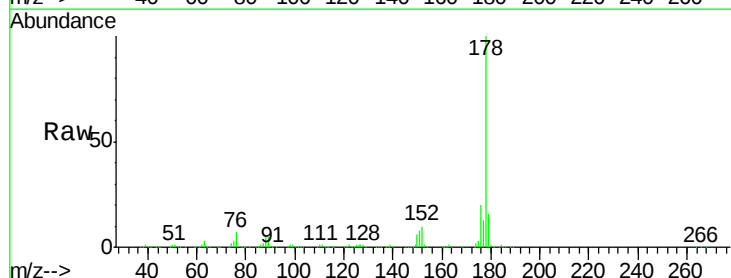


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

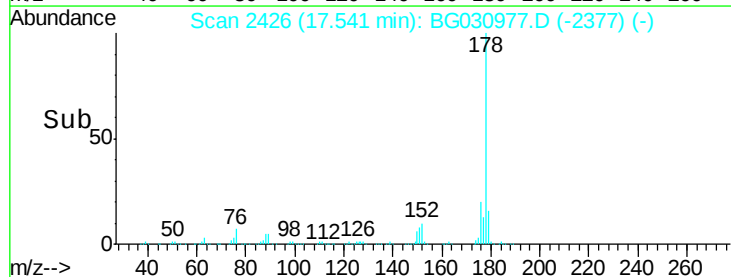
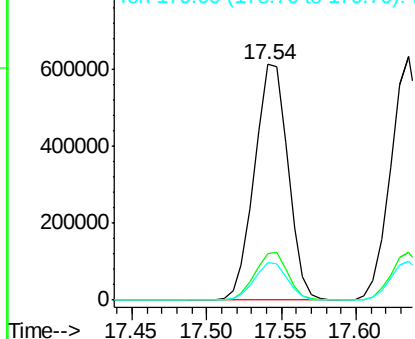


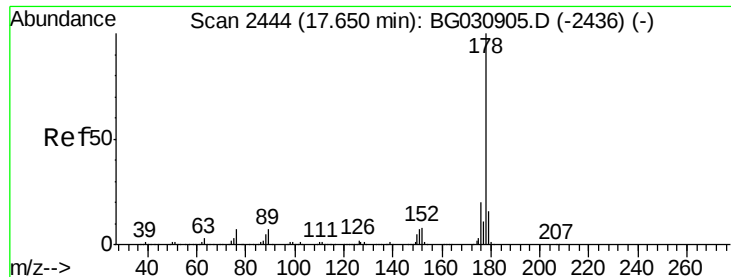
#70
 Phenanthrene
 Concen: 48.76 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.7	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: 48.76 ng

RT: 17.63 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

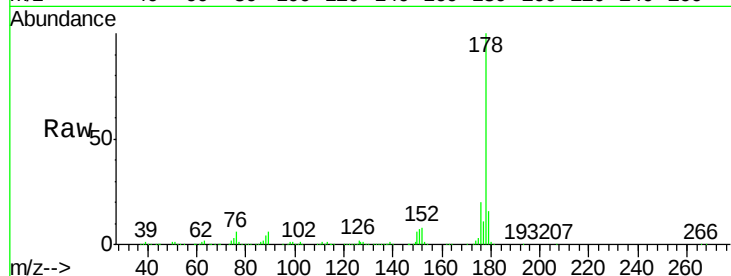
Tgt Ion:178 Resp: 954522

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

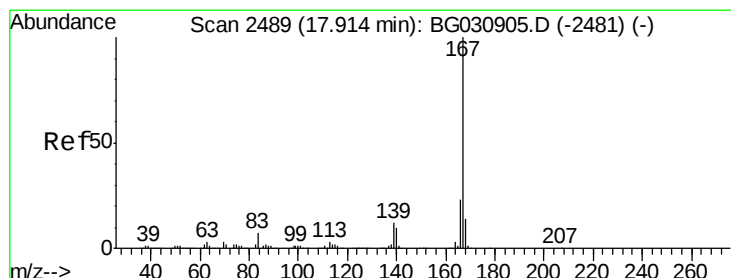
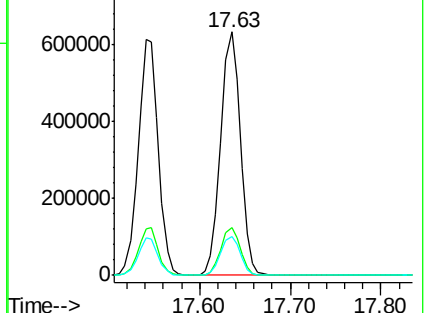
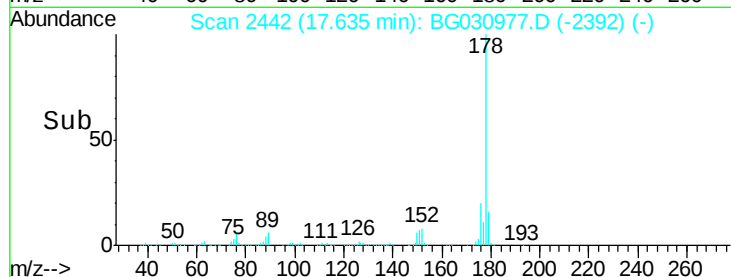
179 16.2 12.5 18.7



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



#72

Carbazole

Concen: 47.40 ng

RT: 17.91 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

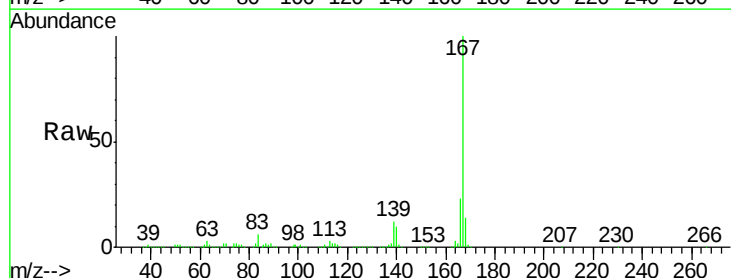
Tgt Ion:167 Resp: 869569

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

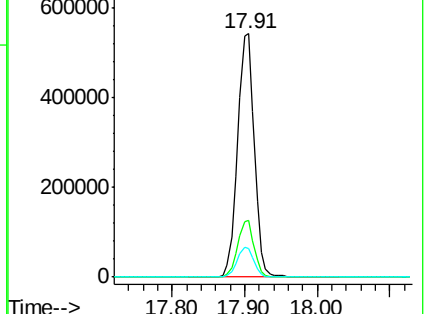
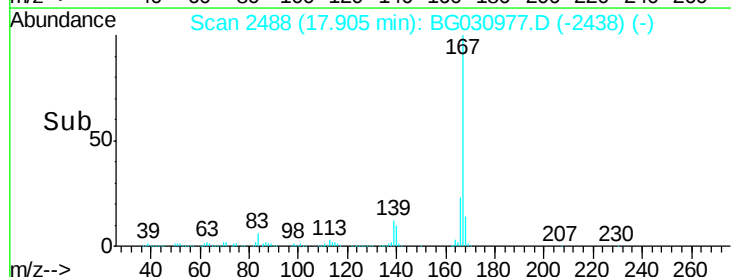
139 11.9 9.4 14.2

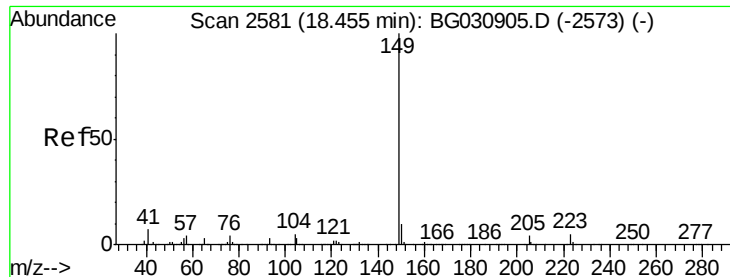


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

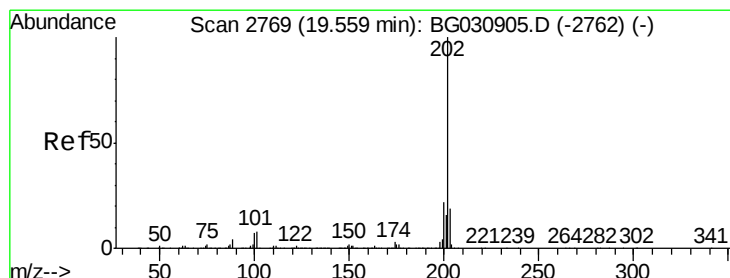
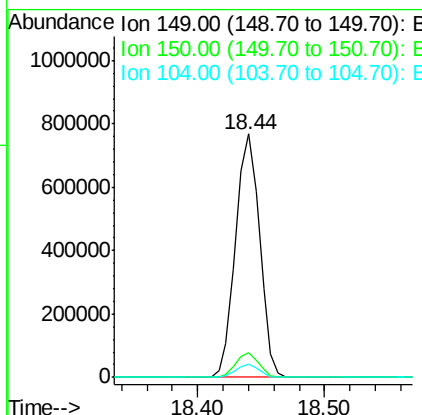
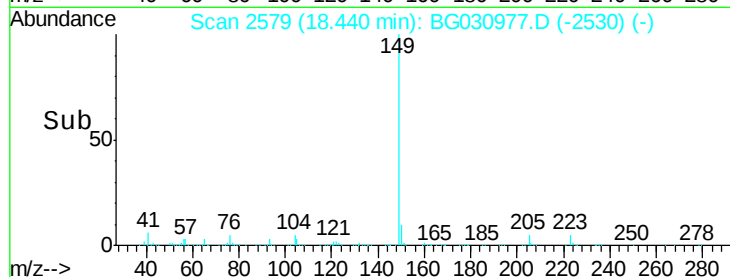
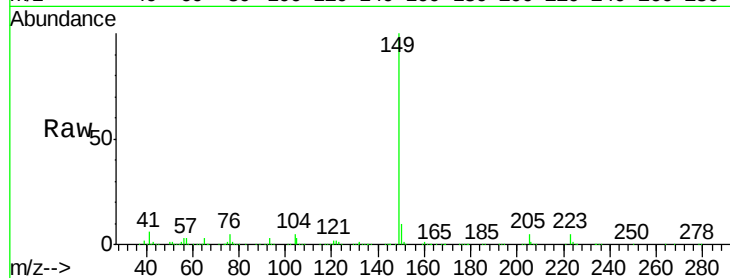




#73
Di-n-butylphthalate
Concen: 44.60 ng
RT: 18.44 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

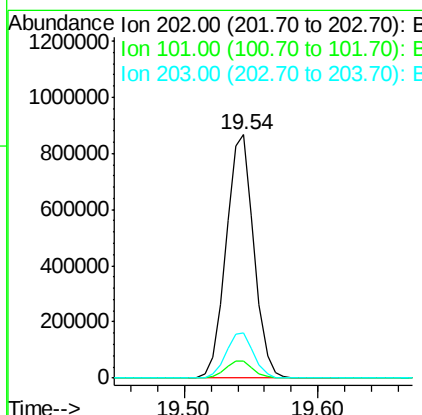
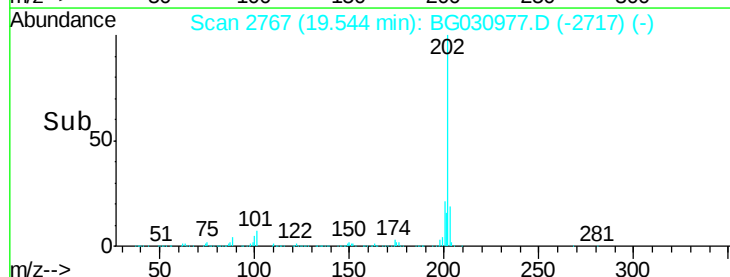
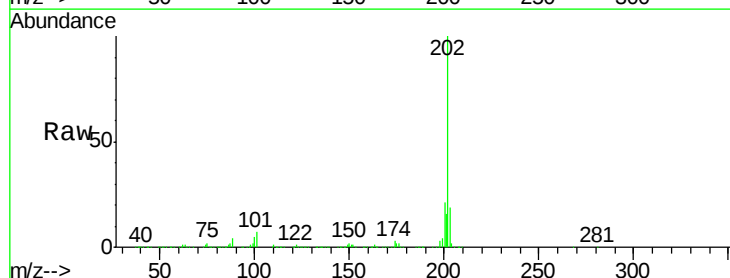
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

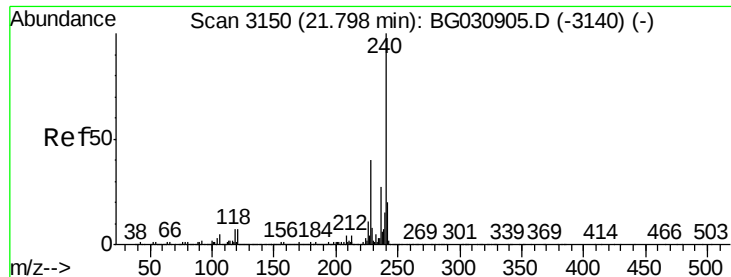
Tgt Ion:149 Resp: 1004625
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 5.2 3.9 5.9



#74
Fluoranthene
Concen: 50.77 ng
RT: 19.54 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:202 Resp: 1255849
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.9
203 18.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

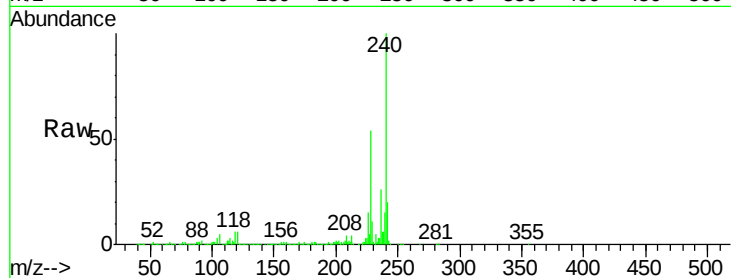
Tgt Ion:240 Resp: 450430

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

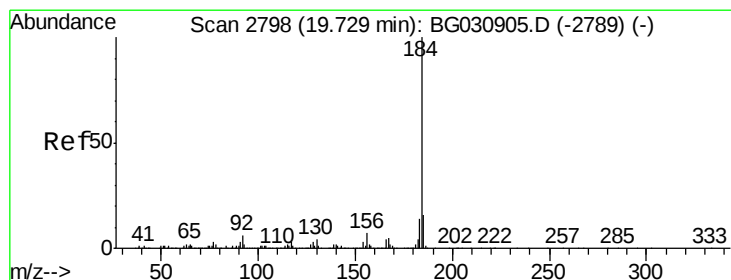
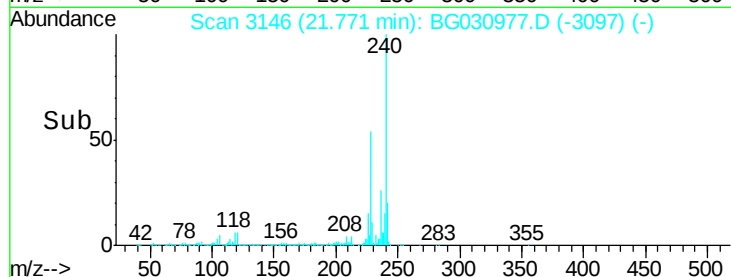
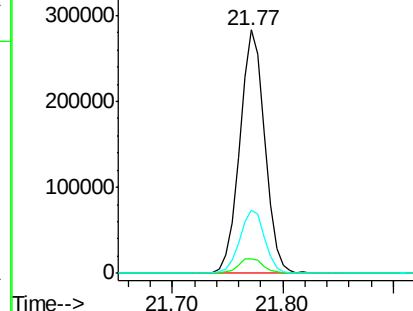
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.63 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

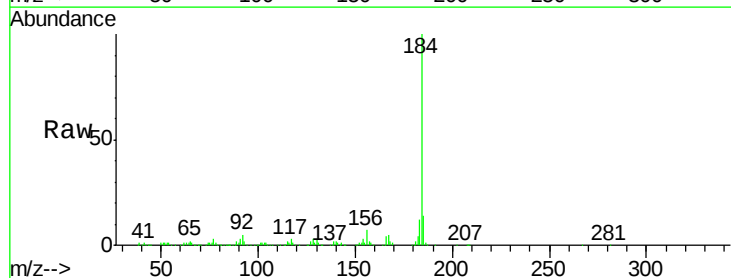
Tgt Ion:184 Resp: 269515

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

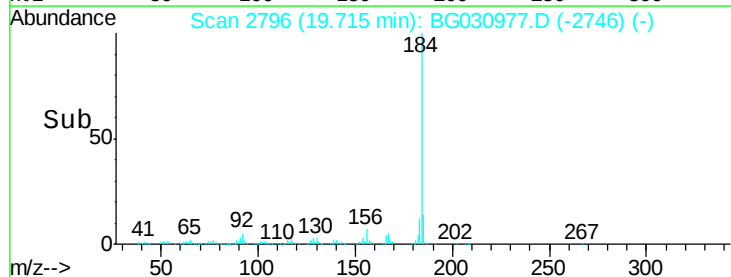
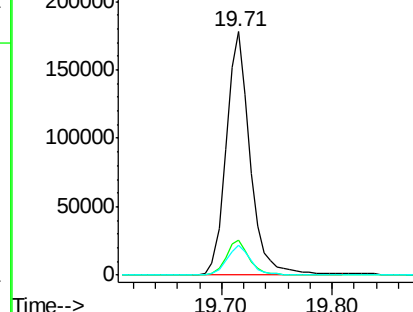
183 12.4 10.6 16.0

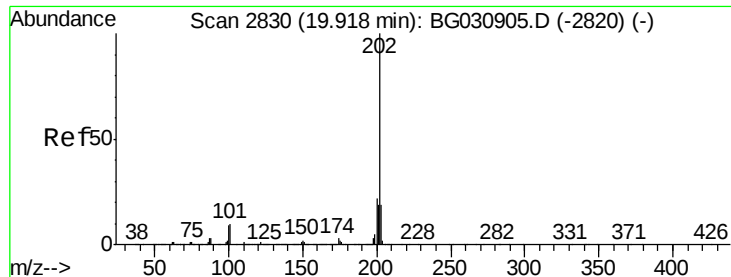


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.61 ng

RT: 19.90 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

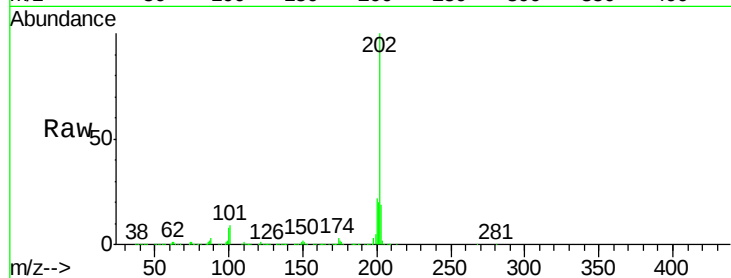
BNA_G

ClientSampleId :

JC-02-110917-AMSD

Tgt Ion:202 Resp: 1272642

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	19.1	13.9	20.9

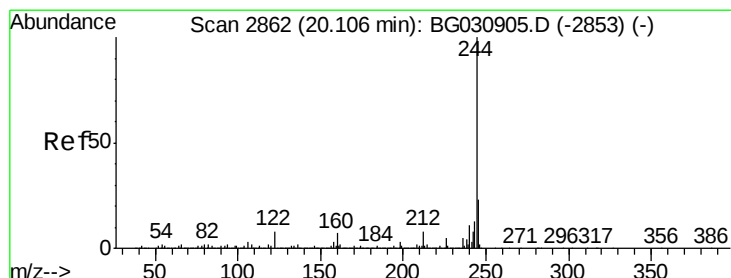
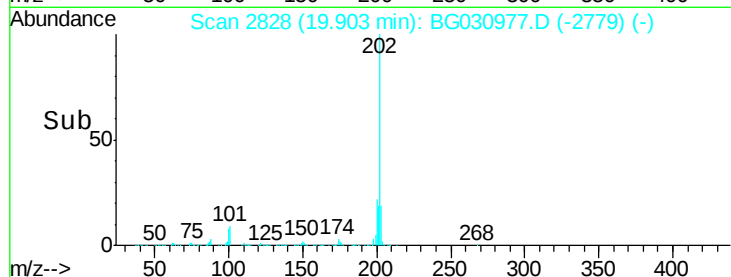
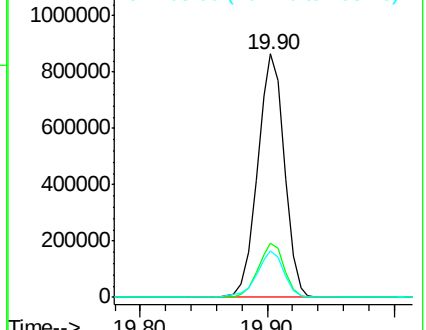


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.60 ng

RT: 20.09 min Scan# 2860

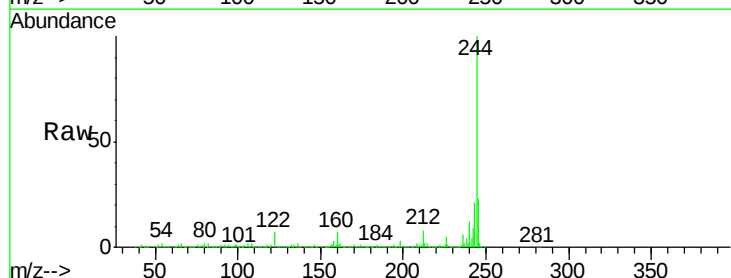
Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Tgt Ion:244 Resp: 1787027

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	7.1	7.0	10.4

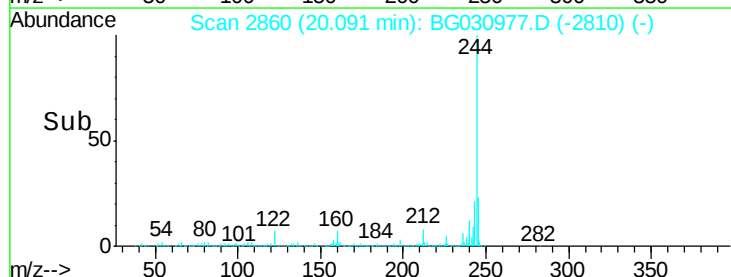
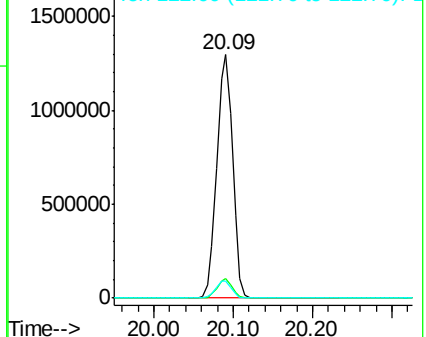


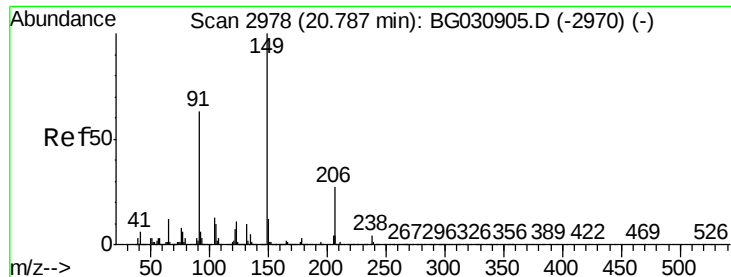
Abundance

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: 45.72 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

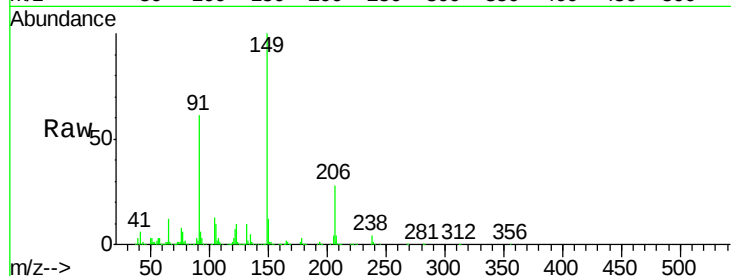
Tgt Ion:149 Resp: 487255

Ion Ratio Lower Upper

149 100

91 61.1 62.2 93.2#

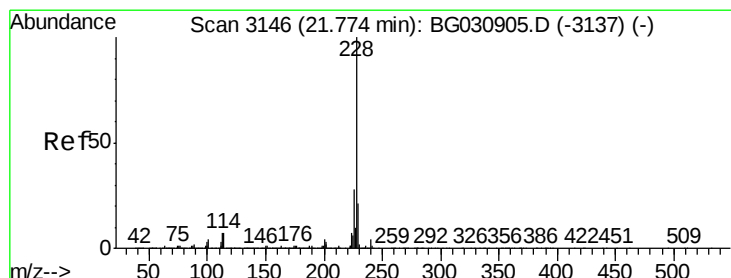
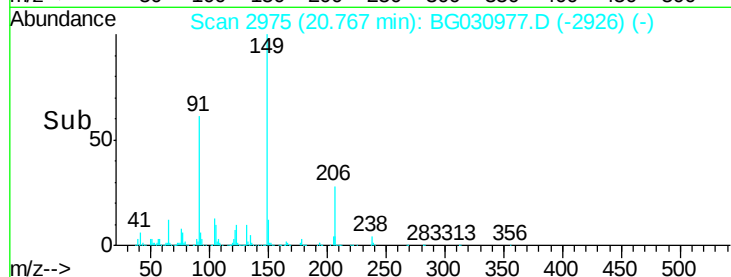
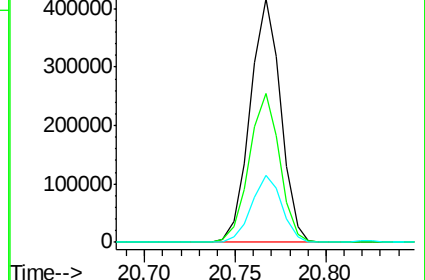
206 27.6 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG030977.D (-2970) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.09 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

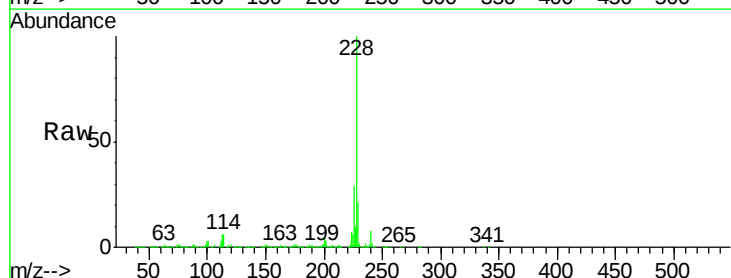
Tgt Ion:228 Resp: 1345376

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

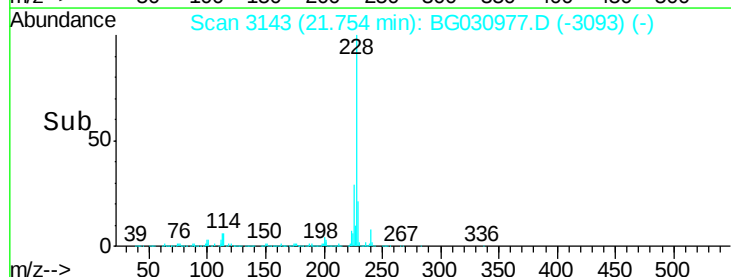
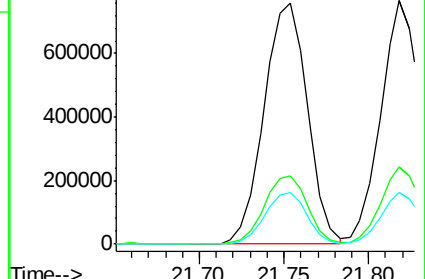
229 21.2 16.2 24.2

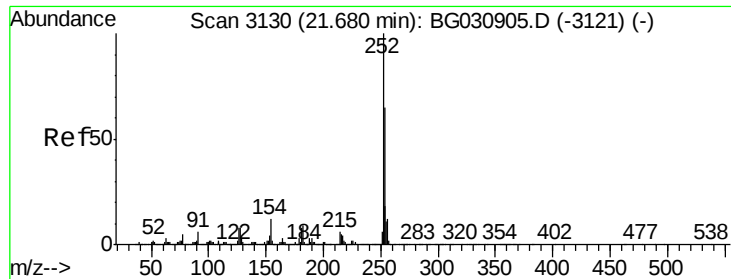


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

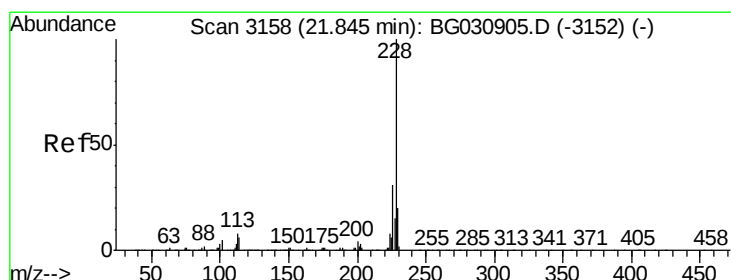
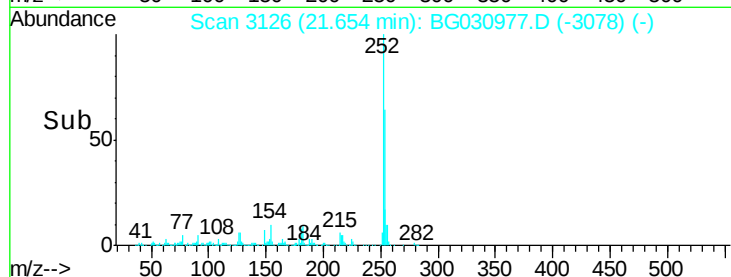
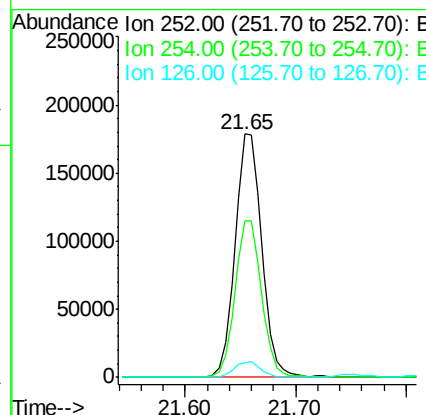
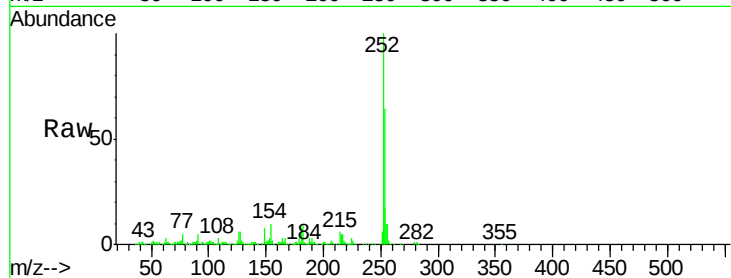




#81
 3,3'-Dichlorobenzidine
 Concen: 26.86 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

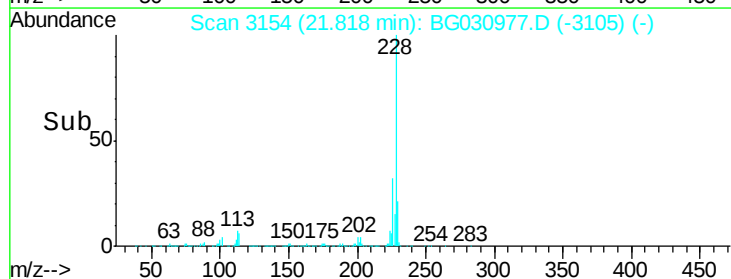
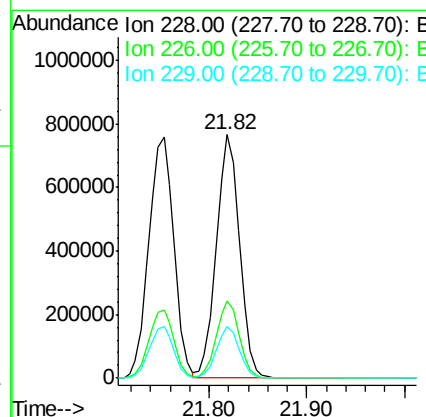
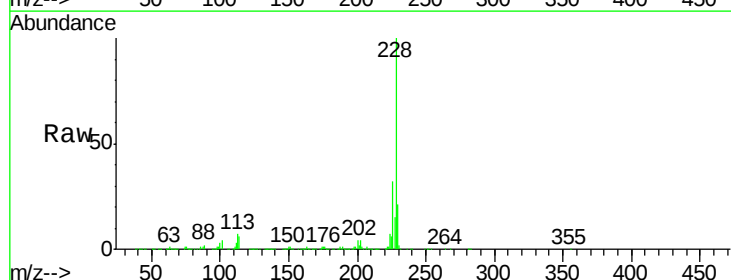
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

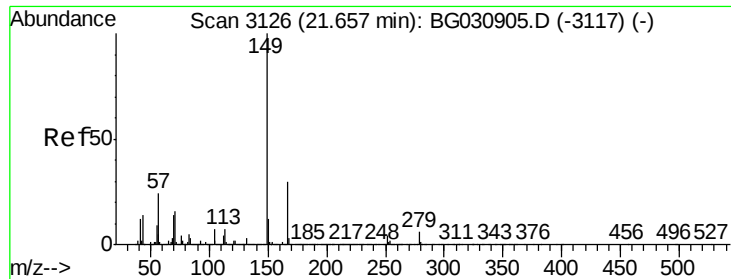
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	6.2	7.4	11.2#



#82
 Chrysene
 Concen: 48.65 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	21.3	15.0	22.4

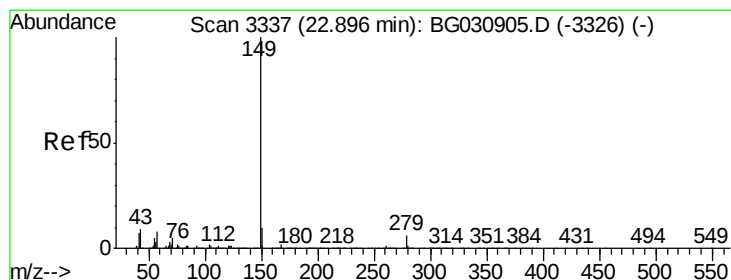
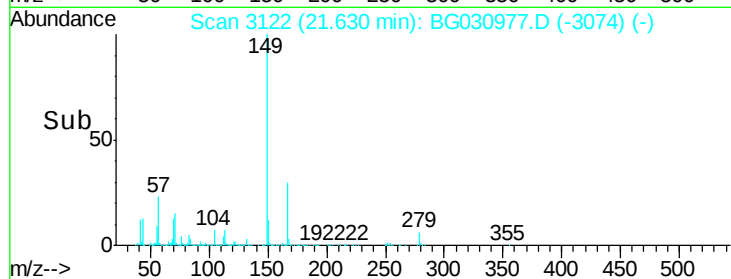
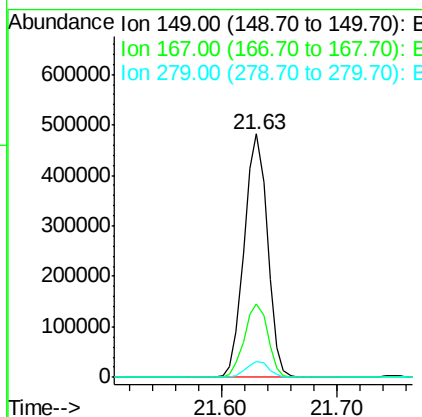
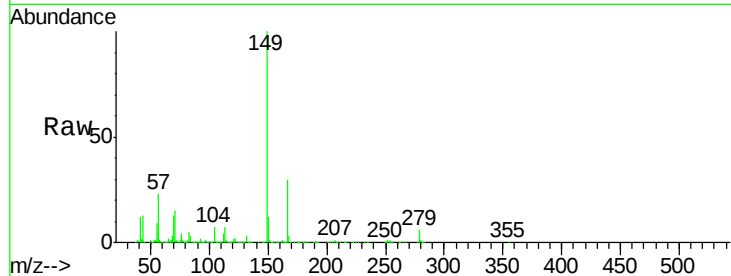




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.91 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

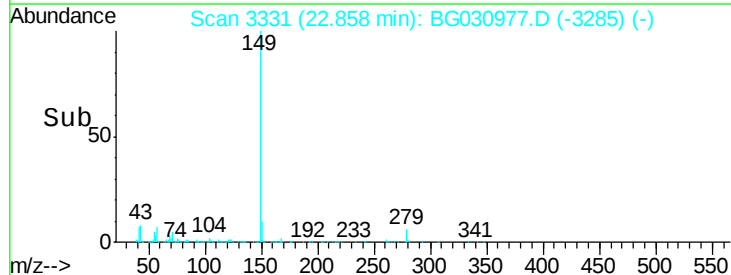
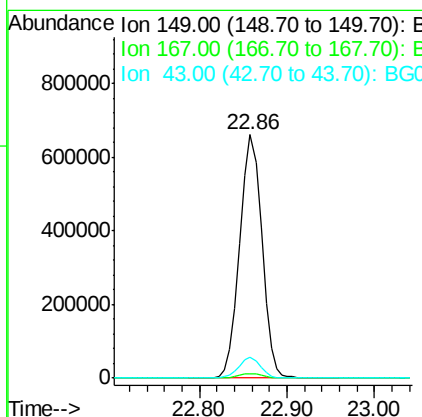
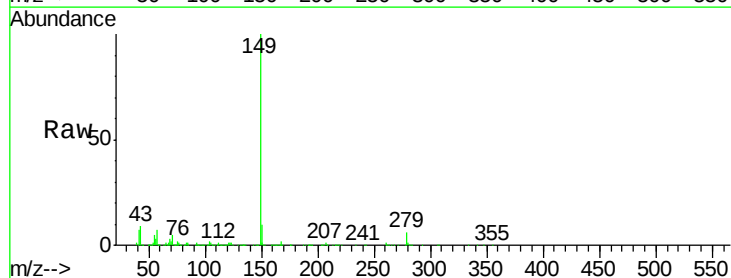
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMSD

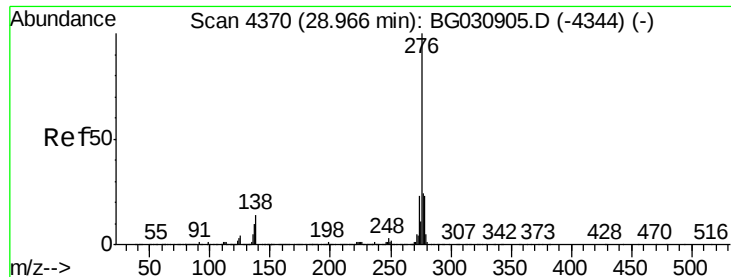
Tgt Ion:149 Resp: 675488
 Ion Ratio Lower Upper
 149 100
 167 30.4 24.3 36.5
 279 6.3 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 45.04 ng
 RT: 22.86 min Scan# 3331
 Delta R.T. -0.03 min
 Lab File: BG030977.D
 Acq: 13 Nov 2017 17:39

Tgt Ion:149 Resp: 1127815
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 8.3 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.56 ng

RT: 28.86 min Scan# 4353

Delta R.T. -0.02 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

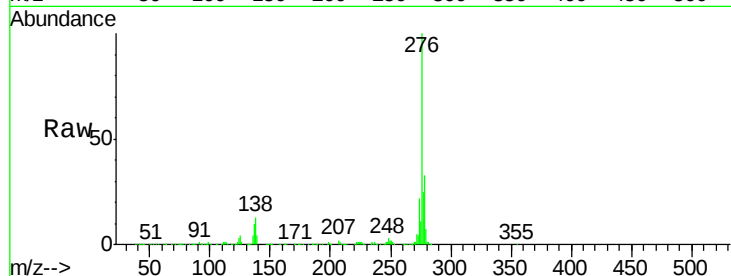
Tgt Ion:276 Resp: 1590839

Ion Ratio Lower Upper

276 100

138 9.5 16.0 24.0#

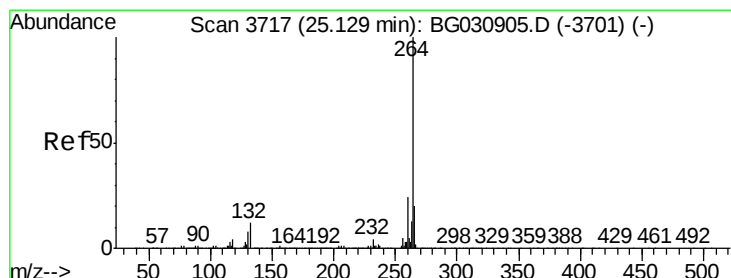
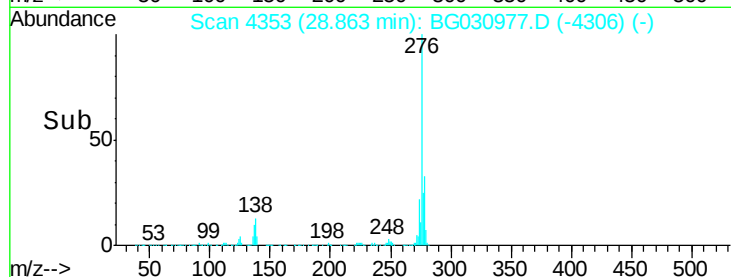
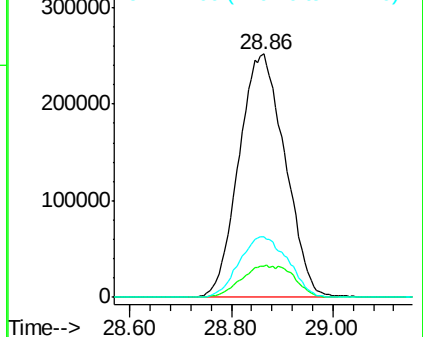
277 26.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

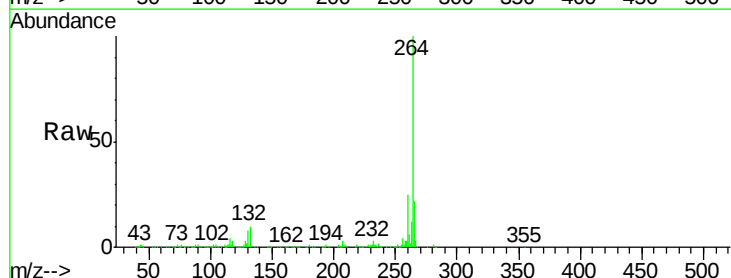
Tgt Ion:264 Resp: 456481

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

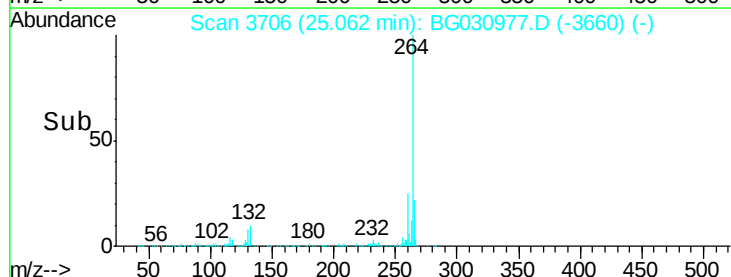
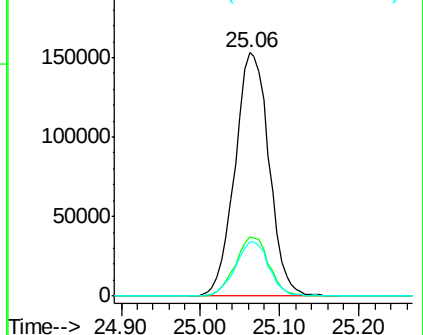
265 22.2 17.7 26.5

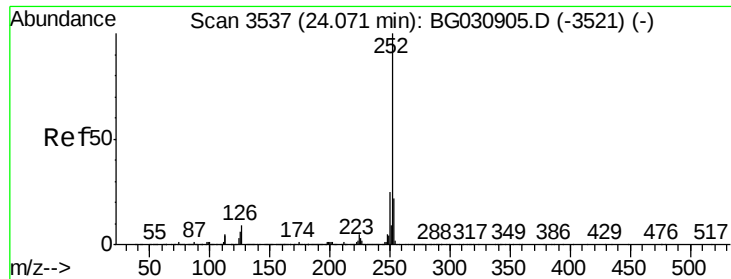


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

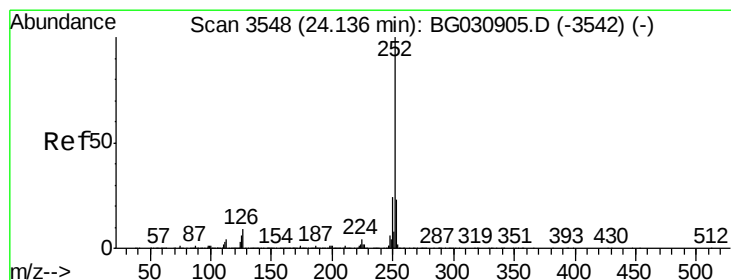
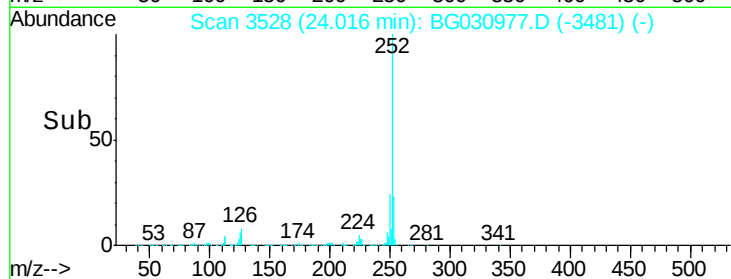
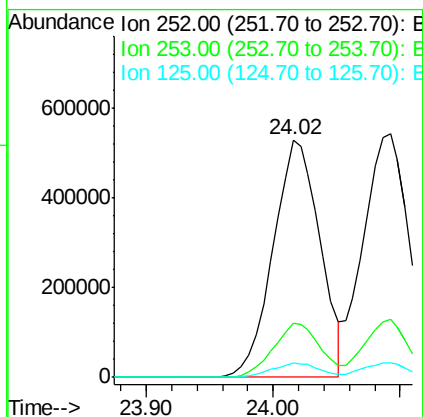
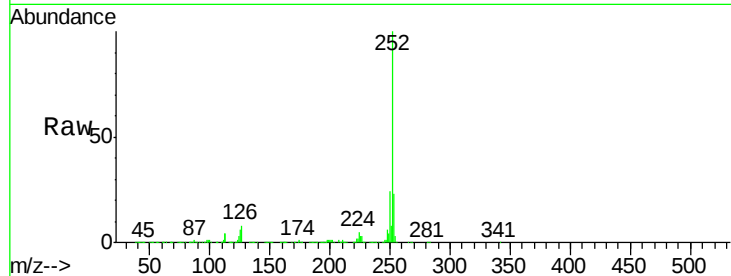




#87
Benzo(b)fluoranthene
Concen: 49.11 ng
RT: 24.02 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

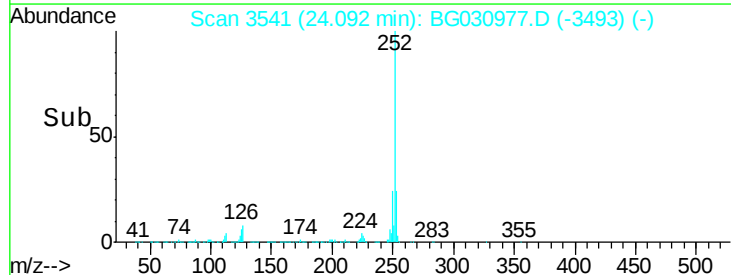
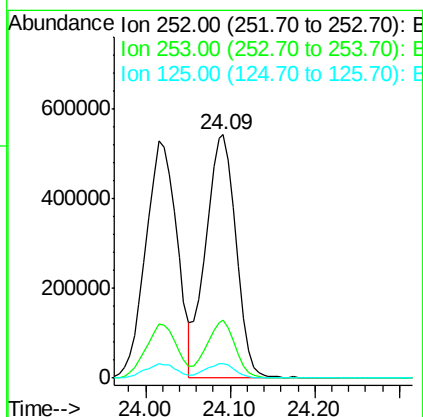
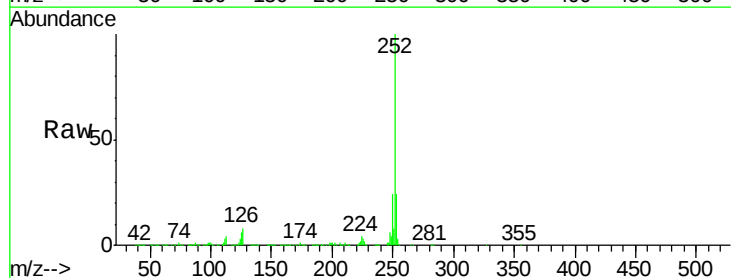
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMSD

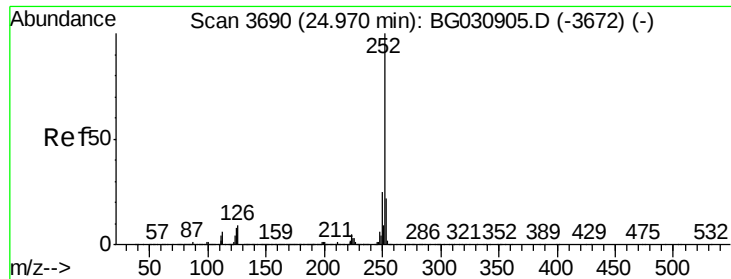
Tgt Ion:252 Resp: 1356136
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 49.50 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG030977.D
Acq: 13 Nov 2017 17:39

Tgt Ion:252 Resp: 1354904
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 6.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.19 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD

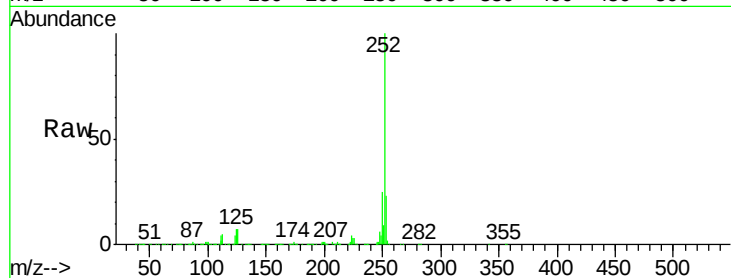
Tgt Ion:252 Resp: 1316575

Ion Ratio Lower Upper

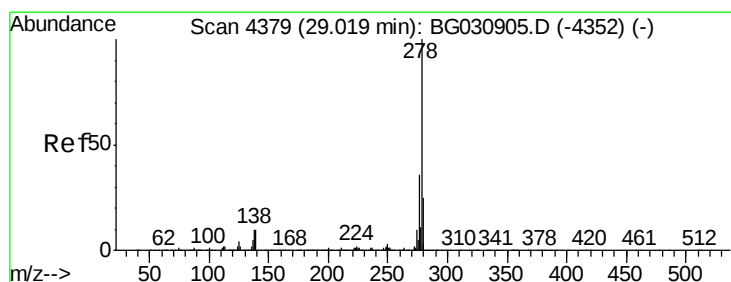
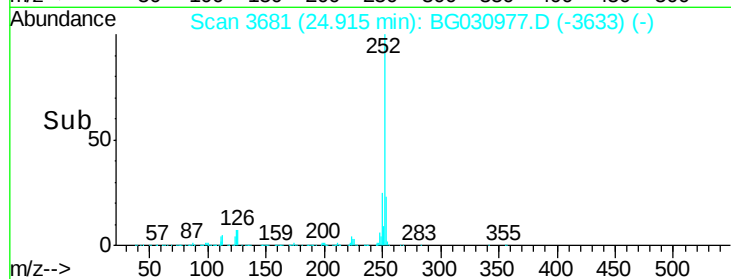
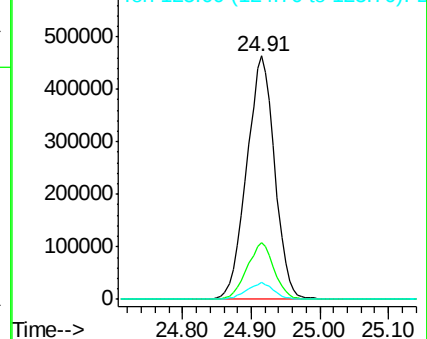
252 100

253 23.1 18.3 27.5

125 6.8 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 49.47 ng

RT: 28.91 min Scan# 4361

Delta R.T. -0.03 min

Lab File: BG030977.D

Acq: 13 Nov 2017 17:39

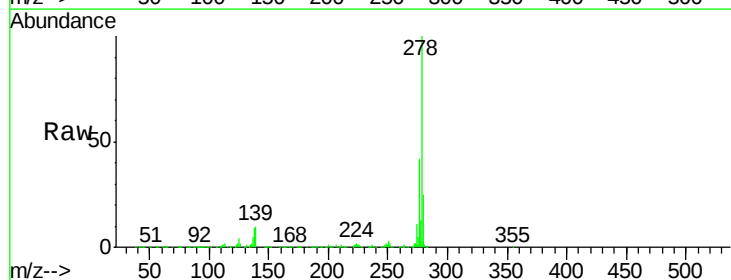
Tgt Ion:278 Resp: 1326485

Ion Ratio Lower Upper

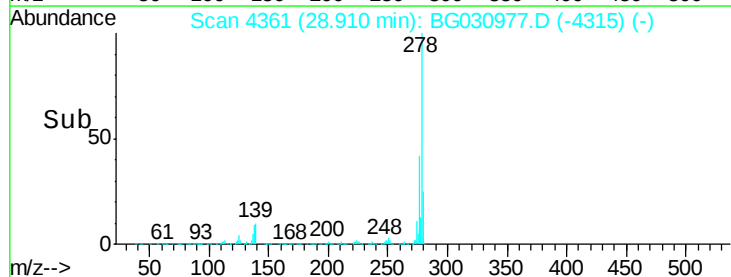
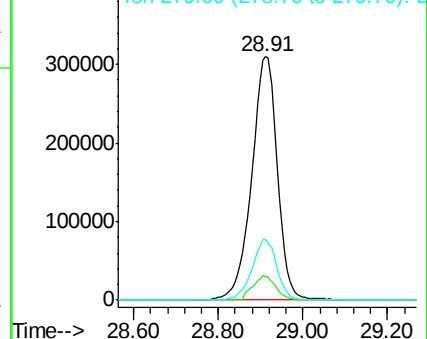
278 100

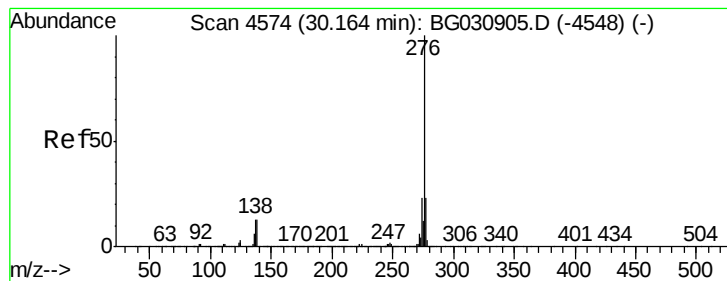
139 9.7 9.8 14.6#

279 25.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.36 ng

RT: 30.04 min Scan# 4553

Delta R.T. -0.04 min

Lab File: BG030977.D

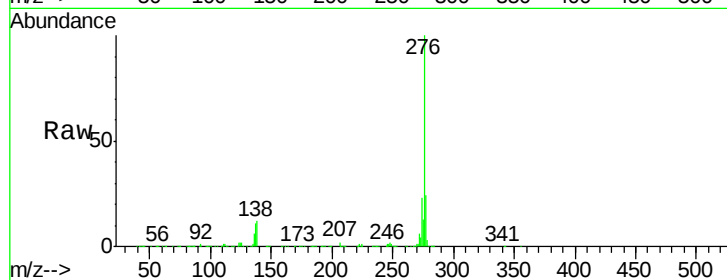
Acq: 13 Nov 2017 17:39

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMSD



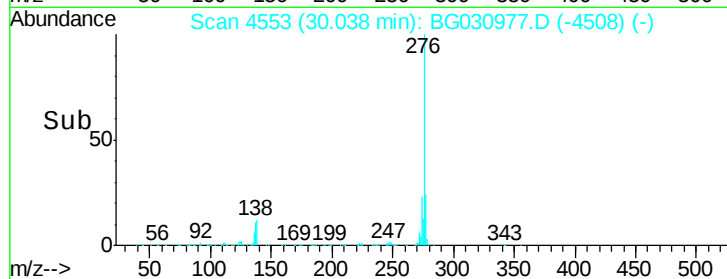
Tgt Ion: 276 Resp: 1310598

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 12.3 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

