

Data File : BG030976.D
Acq On : 13 Nov 2017 17:02
Operator : SJ/JU
Sample : I6301-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 14 04:51:46 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	46991	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	194956	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	134782	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	359622	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	449954	20.00	ng	-0.01
86) Perylene-d12	25.07	264	458706	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	375649	137.08	ng	0.00
7) Phenol-d6	7.31	99	438065	118.66	ng	0.00
23) Nitrobenzene-d5	9.31	82	318193	96.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	344749	158.12	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	890860	94.97	ng	-0.01
78) Terphenyl-d14	20.09	244	1832479	89.93	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.57	88	44266	39.80	ng	83
3) Pyridine	3.97	79	119627	37.05	ng	88
4) n-Nitrosodimethylamine	3.88	42	67868	44.36	ng	# 92
6) Aniline	7.46	93	68722	14.14	ng	95
8) 2-Chlorophenol	7.71	128	151129	49.97	ng	87
9) Benzaldehyde	7.28	77	64644	25.02	ng	83
10) Phenol	7.34	94	163281	42.59	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	135520	44.27	ng	91
12) 1,3-Dichlorobenzene	8.03	146	169057	47.65	ng	96
13) 1,4-Dichlorobenzene	8.18	146	172224	47.90	ng	93
14) 1,2-Dichlorobenzene	8.50	146	163254	47.31	ng	98
15) Benzyl Alcohol	8.38	79	132787	44.84	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.67	45	199044	58.86	ng	90
17) 2-Methylphenol	8.59	107	124440	46.61	ng	98
18) Hexachloroethane	9.23	117	59127	47.25	ng	88
19) n-Nitroso-di-n-propylamine	8.95	70	113136	40.30	ng	# 95
20) 3+4-Methylphenols	8.92	107	168812	44.47	ng	94
22) Acetophenone	8.97	105	224622	46.27	ng	# 92
24) Nitrobenzene	9.35	77	168215	50.05	ng	93
25) Isophorone	9.87	82	317144	49.43	ng	# 92
26) 2-Nitrophenol	10.07	139	92410	52.75	ng	# 89
27) 2,4-Dimethylphenol	10.12	122	145003	55.76	ng	97
28) bis(2-Chloroethoxy)methane	10.35	93	191114	47.29	ng	97
29) 2,4-Dichlorophenol	10.61	162	174719	55.95	ng	90
30) 1,2,4-Trichlorobenzene	10.82	180	194732	52.23	ng	99
31) Naphthalene	11.01	128	523524	54.63	ng	98
32) Benzoic acid	10.24	122	22296	14.74	ng	87
33) 4-Chloroaniline	11.13	127	11642	2.77	ng	94
34) Hexachlorobutadiene	11.28	225	135505	52.40	ng	96
35) Caprolactam	11.89	113	22299	17.48	ng	# 69
36) 4-Chloro-3-methylphenol	12.24	107	173974	51.18	ng	90
37) 2-Methylnaphthalene	12.60	142	373920	50.54	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	248331	46.42	ng	97
40) Hexachlorocyclopentadiene	12.95	237	193384	95.38	ng	90

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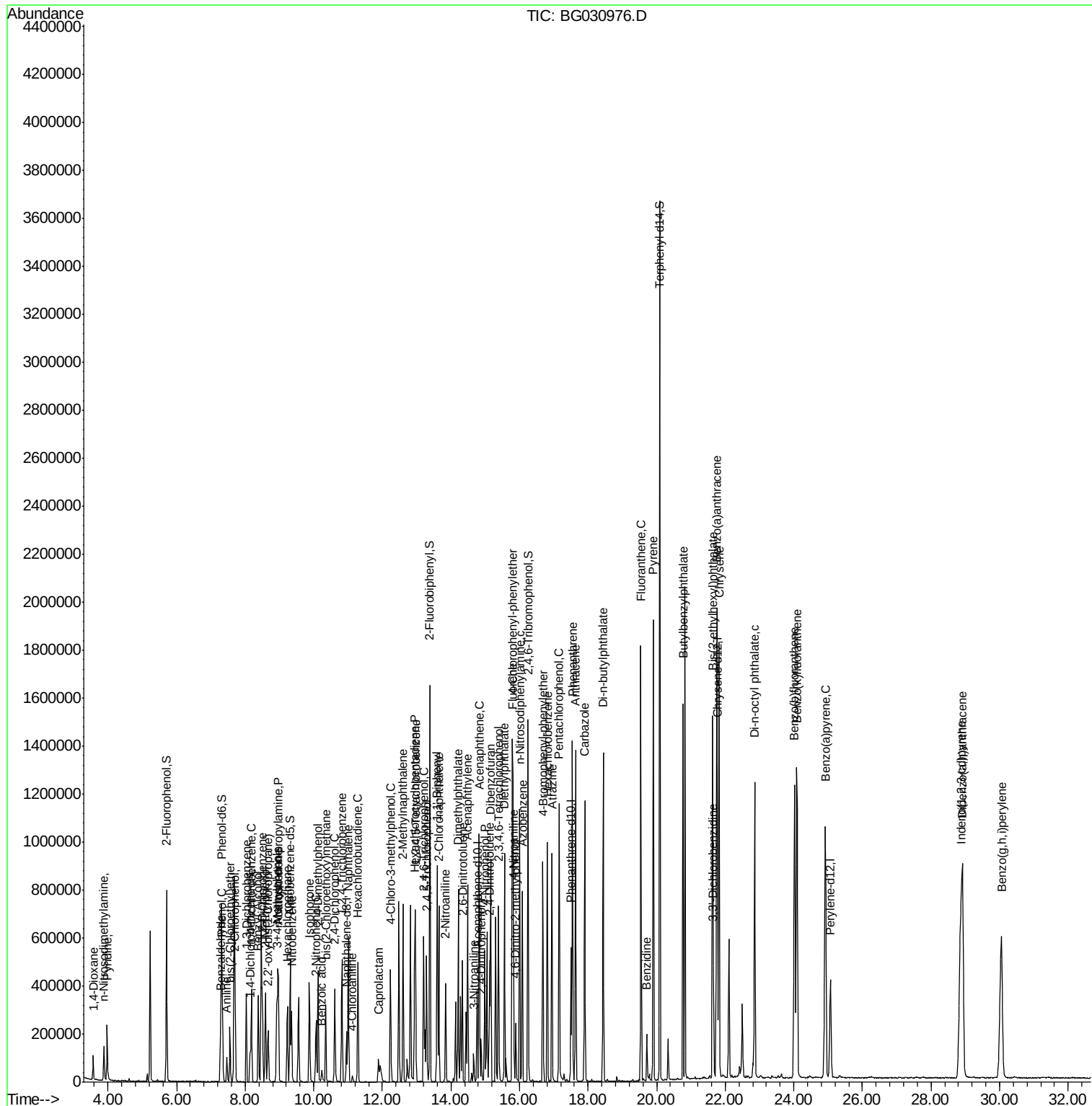
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	165166	54.01	ng	96
43) 2,4,5-Trichlorophenol	13.29	196	179525	53.65	ng	92
45) 1,1'-Biphenyl	13.60	154	503307	45.03	ng	98
46) 2-Chloronaphthalene	13.65	162	402140	49.87	ng	96
47) 2-Nitroaniline	13.85	65	114454	47.89	ng	# 78
48) Acenaphthylene	14.49	152	613072	46.45	ng	99
49) Dimethylphthalate	14.21	163	560556	48.10	ng	99
50) 2,6-Dinitrotoluene	14.33	165	127257	52.98	ng	# 77
51) Acenaphthene	14.83	154	387895	47.06	ng	99
52) 3-Nitroaniline	14.66	138	37002	14.51	ng	# 78
53) 2,4-Dinitrophenol	14.88	184	54552	44.12	ng	# 50
54) Dibenzofuran	15.16	168	654740	49.87	ng	99
55) 4-Nitrophenol	14.99	139	170102	93.63	ng	# 84
56) 2,4-Dinitrotoluene	15.13	165	183988	52.98	ng	# 72
57) Fluorene	15.81	166	522915	49.06	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	191313	59.99	ng	# 85
59) Diethylphthalate	15.56	149	564451	47.68	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	320108	49.72	ng	90
61) 4-Nitroaniline	15.83	138	119828	44.37	ng	93
62) Azobenzene	16.08	77	428470	47.46	ng	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	73091	30.58	ng	# 73
65) n-Nitrosodiphenylamine	16.01	169	492112	45.16	ng	99
66) 4-Bromophenyl-phenylether	16.68	248	235253	51.65	ng	95
67) Hexachlorobenzene	16.81	284	249645	51.58	ng	# 91
68) Atrazine	16.95	200	218439	48.58	ng	97
69) Pentachlorophenol	17.15	266	261888	97.89	ng	98
70) Phenanthrene	17.54	178	929313	49.63	ng	98
71) Anthracene	17.64	178	935008	49.84	ng	99
72) Carbazole	17.90	167	866029	49.26	ng	99
73) Di-n-butylphthalate	18.44	149	996441	46.16	ng	100
74) Fluoranthene	19.54	202	1264653	53.34	ng	96
76) Benzidine	19.72	184	136791	9.46	ng	97
77) Pyrene	19.90	202	1291394	48.37	ng	97
79) Butylbenzylphthalate	20.77	149	491589	46.18	ng	# 83
80) Benzo(a)anthracene	21.75	228	1370216	49.03	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	177387	15.72	ng	# 98
82) Chrysene	21.82	228	1279730	49.50	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	682027	44.38	ng	# 99
84) Di-n-octyl phthalate	22.86	149	1143142	45.70	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1618604	51.50	ng	# 86
87) Benzo(b)fluoranthene	24.02	252	1385261	49.92	ng	# 97
88) Benzo(k)fluoranthene	24.09	252	1366182	49.67	ng	# 97
89) Benzo(a)pyrene	24.91	252	1335252	50.66	ng	# 97
90) Dibenzo(a,h)anthracene	28.92	278	1349737	50.10	ng	# 96
91) Benzo(g,h,i)perylene	30.06	276	1347376	51.53	ng	# 94

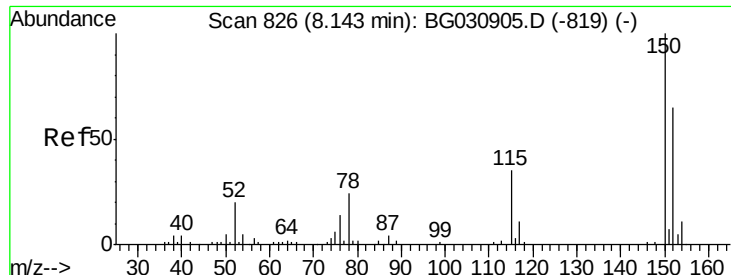
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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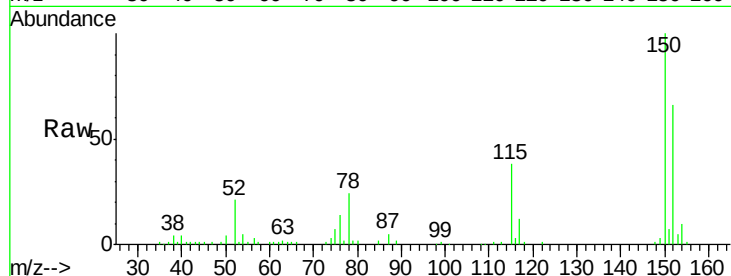
Tgt Ion:152 Resp: 46991

Ion Ratio Lower Upper

152 100

150 151.5 126.6 189.8

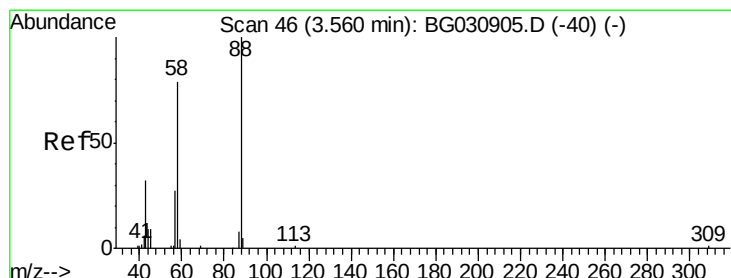
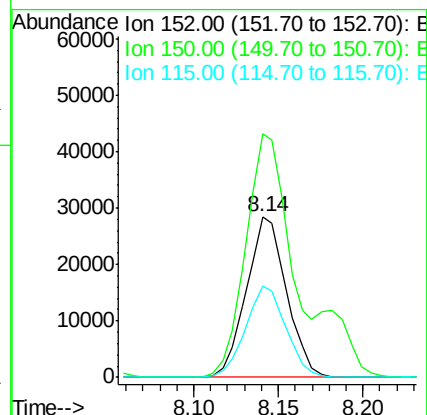
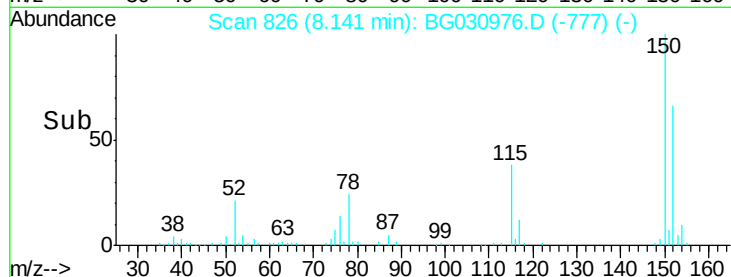
115 57.1 53.0 79.4



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: 39.80 ng

RT: 3.57 min Scan# 48

Delta R.T. -0.00 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

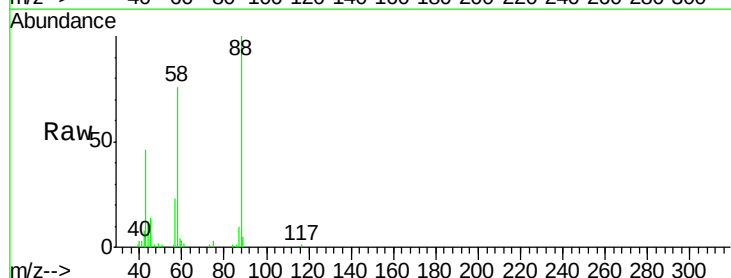
Tgt Ion: 88 Resp: 44266

Ion Ratio Lower Upper

88 100

58 80.7 79.6 119.4

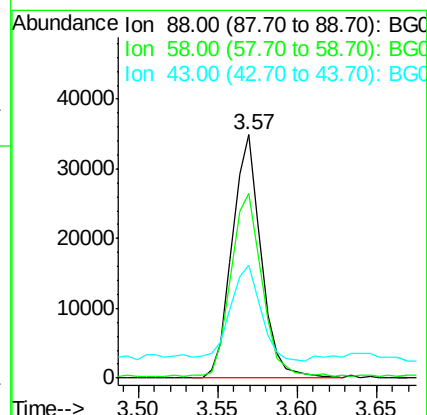
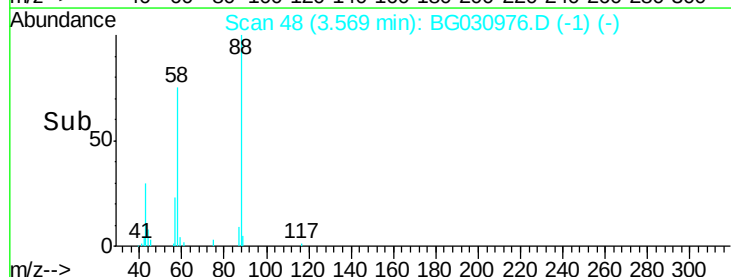
43 41.0 27.4 41.0

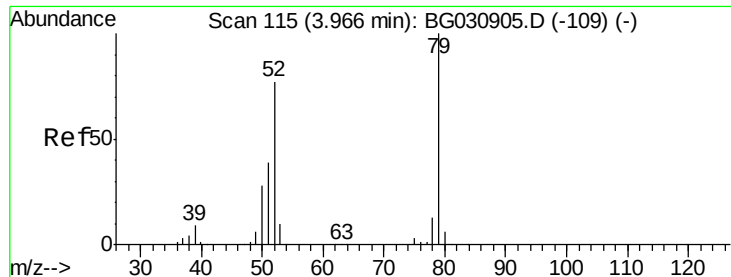


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.05 ng

RT: 3.97 min Scan# 117

Delta R.T. -0.00 min

Lab File: BG030976.D

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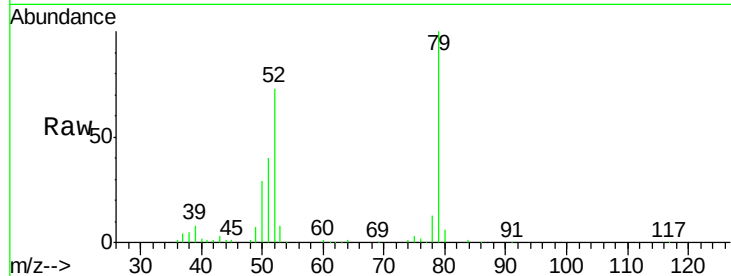
Tgt Ion: 79 Resp: 119627

Ion Ratio Lower Upper

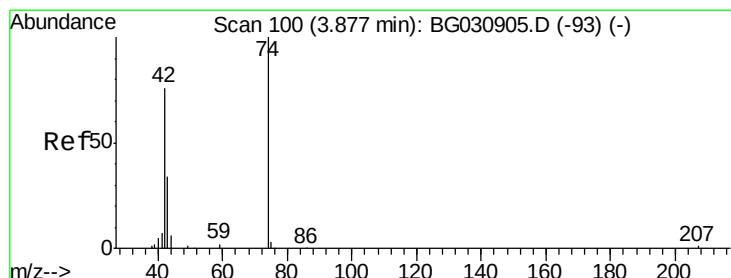
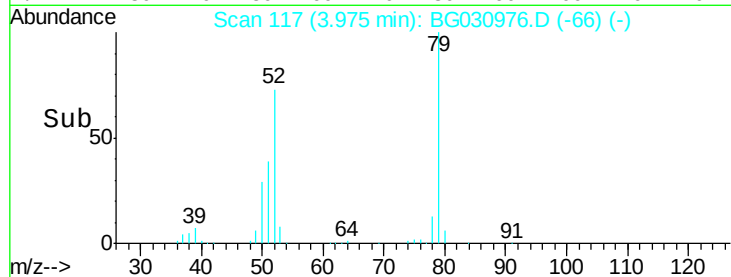
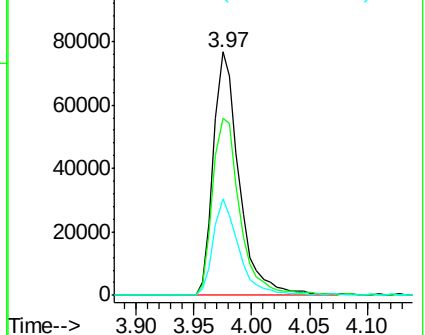
79 100

52 72.6 69.9 104.9

51 39.7 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 44.36 ng

RT: 3.88 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

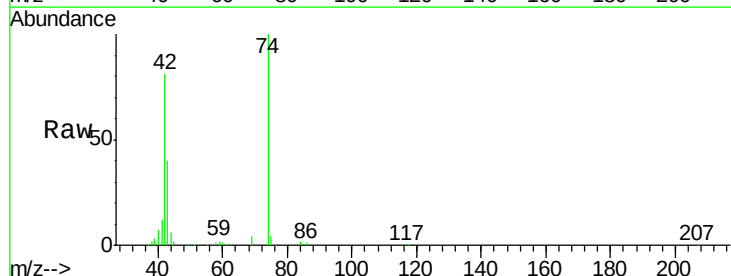
Tgt Ion: 42 Resp: 67868

Ion Ratio Lower Upper

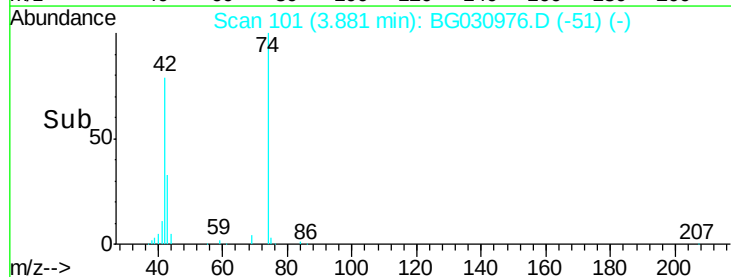
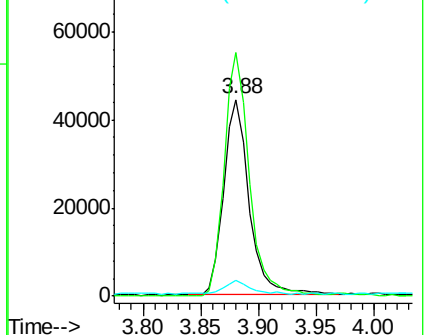
42 100

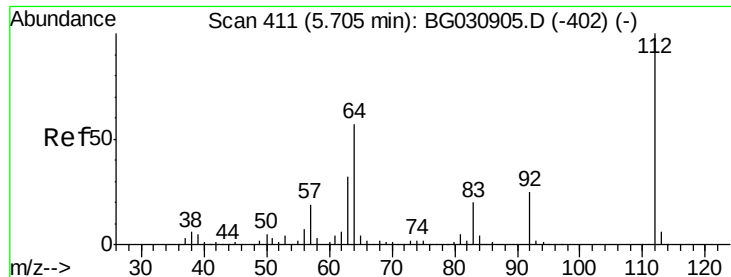
74 123.9 102.5 153.7

44 8.0 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 137.08 ng

RT: 5.71 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG030976.D

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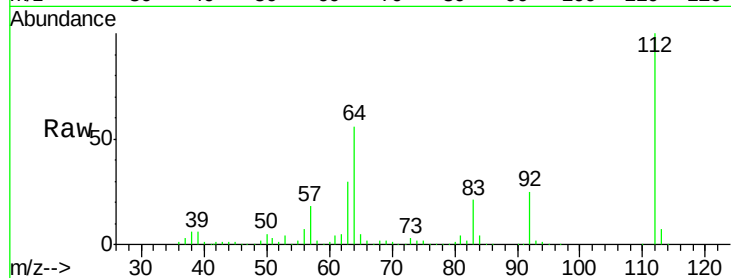
Tgt Ion: 112 Resp: 375649

Ion Ratio Lower Upper

112 100

64 55.9 56.3 84.5#

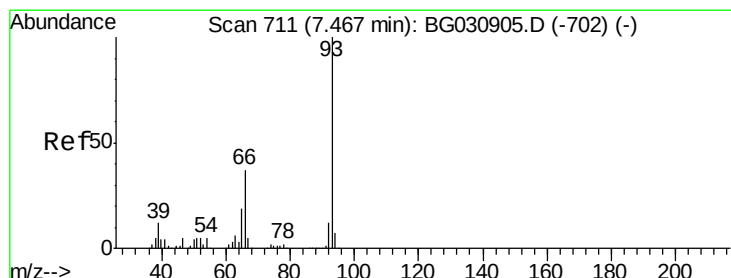
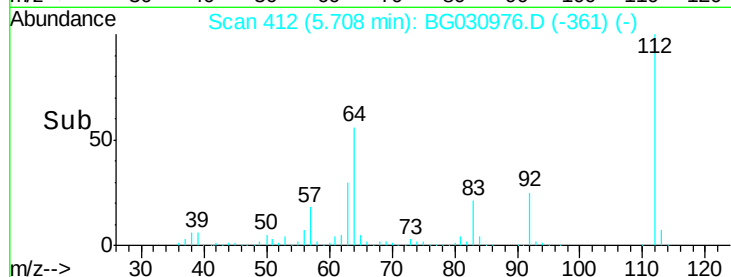
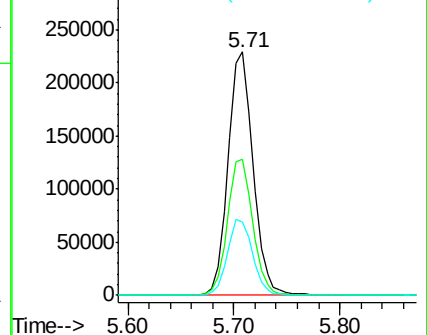
63 30.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.14 ng

RT: 7.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

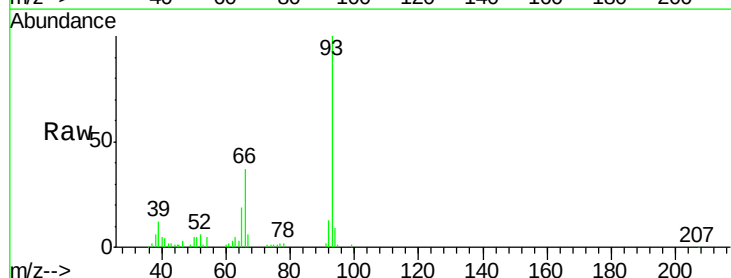
Tgt Ion: 93 Resp: 68722

Ion Ratio Lower Upper

93 100

66 37.4 33.7 50.5

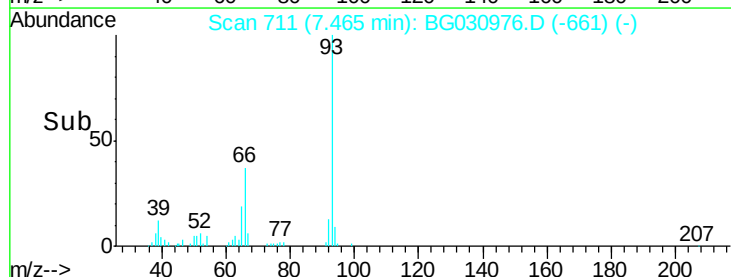
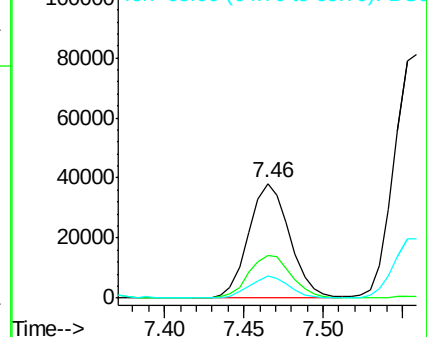
65 19.5 16.1 24.1

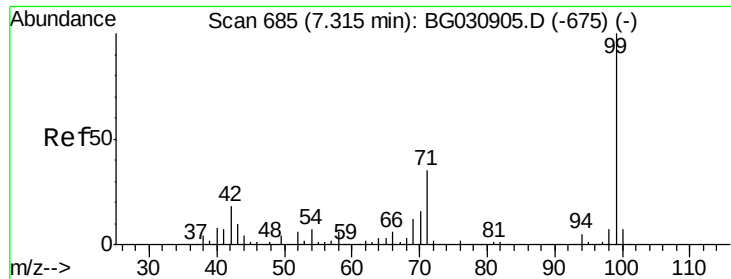


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.66 ng

RT: 7.31 min Scan# 685

Delta R.T. 0.01 min

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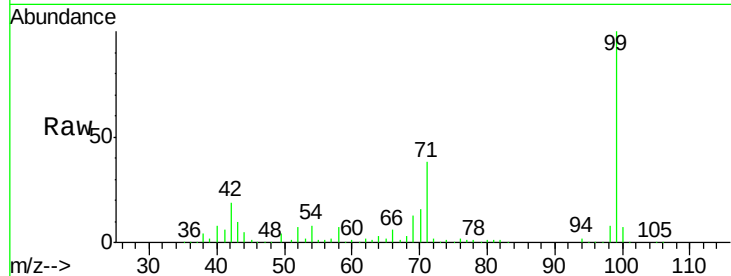
Tgt Ion: 99 Resp: 438065

Ion Ratio Lower Upper

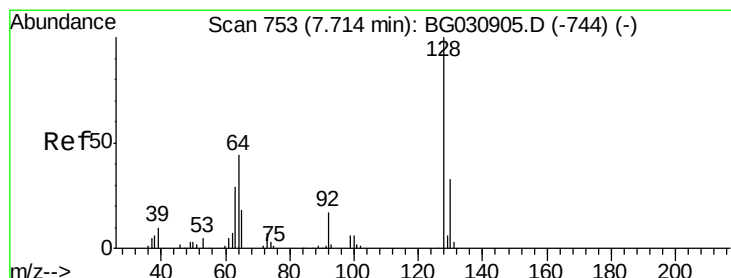
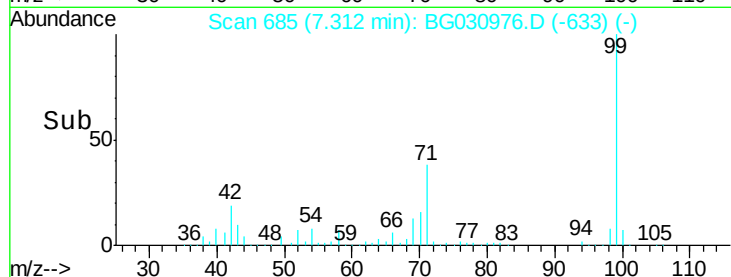
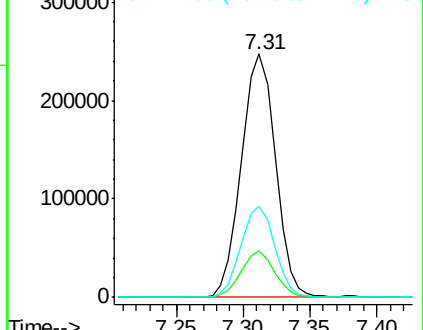
99 100

42 19.2 14.1 21.1

71 37.7 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: 49.97 ng

RT: 7.71 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

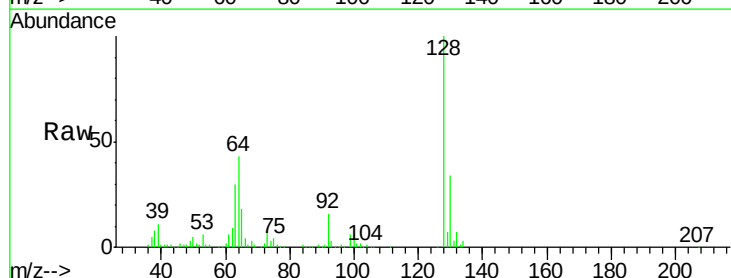
Tgt Ion: 128 Resp: 151129

Ion Ratio Lower Upper

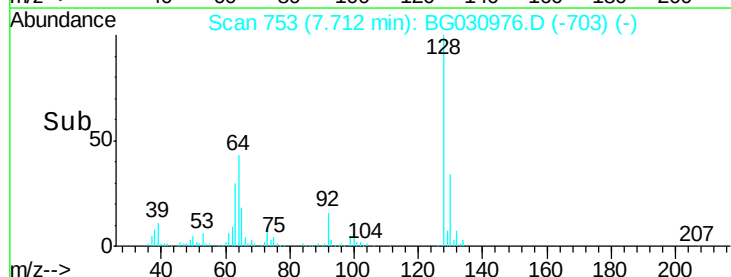
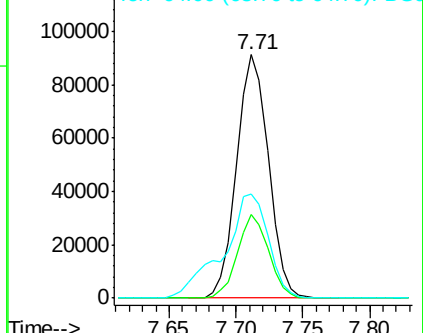
128 100

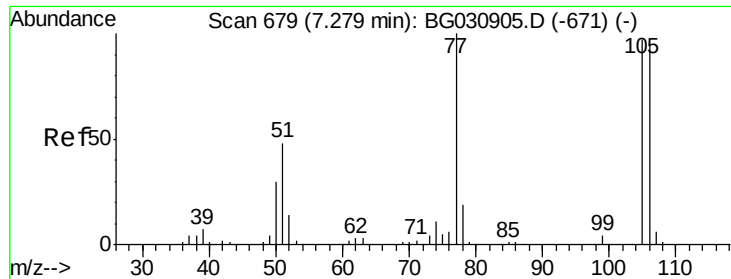
130 34.3 14.0 54.0

64 42.9 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: 25.02 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

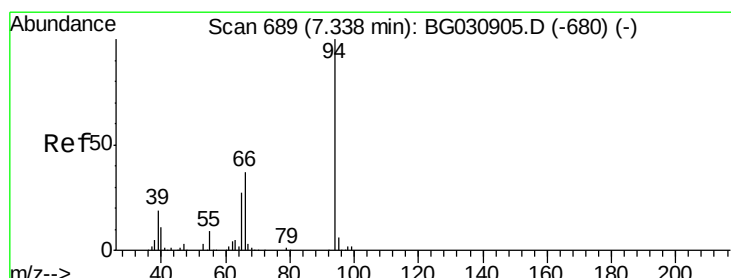
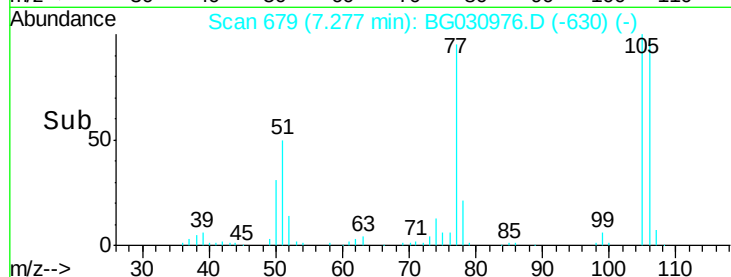
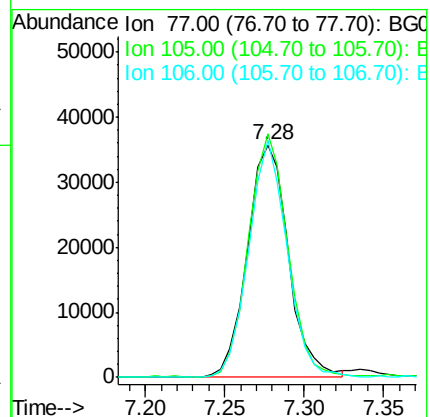
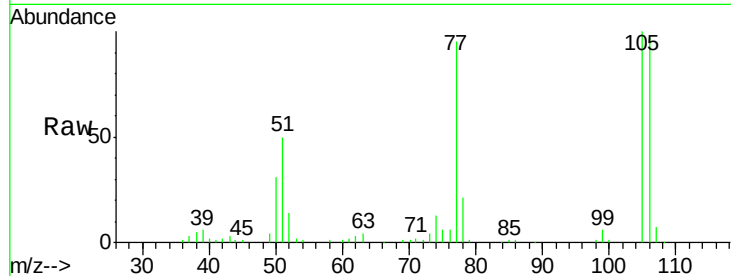
Tgt Ion: 77 Resp: 64644

Ion Ratio Lower Upper

77 100

105 104.8 71.3 111.3

106 102.0 64.2 104.2



#10

Phenol

Concen: 42.59 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

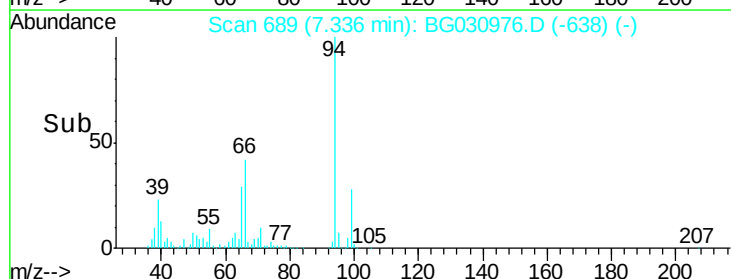
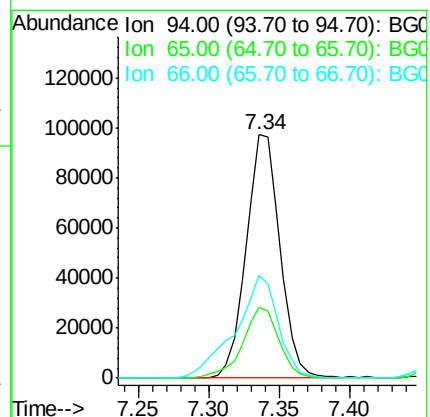
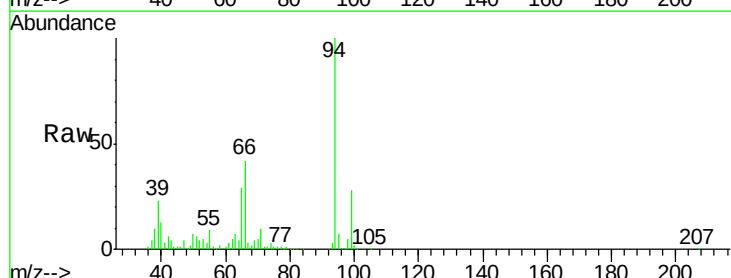
Tgt Ion: 94 Resp: 163281

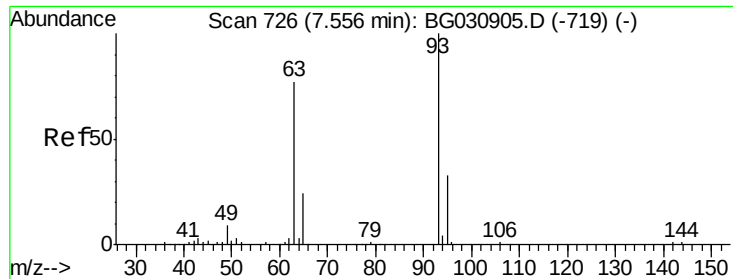
Ion Ratio Lower Upper

94 100

65 29.2 11.9 51.9

66 42.5 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 44.27 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

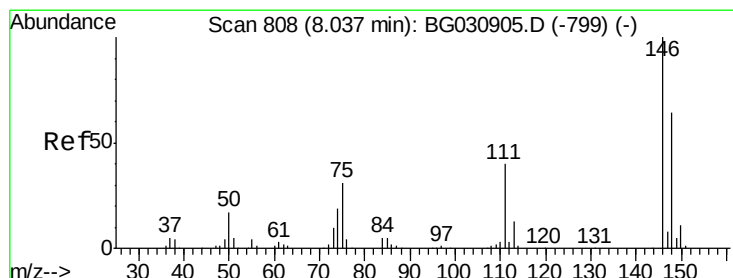
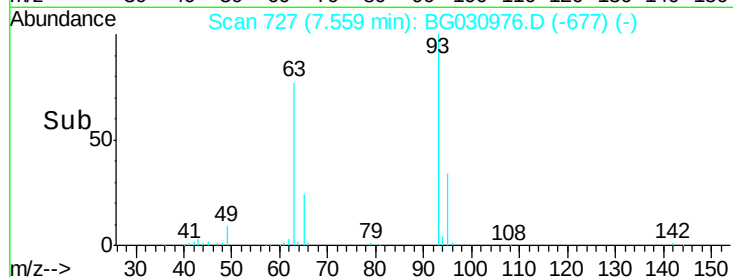
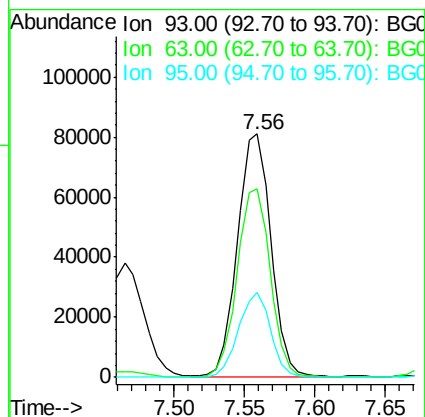
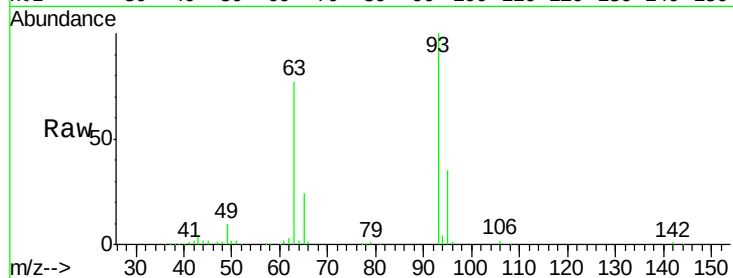
Tgt Ion: 93 Resp: 135520

Ion Ratio Lower Upper

93 100

63 77.5 67.1 107.1

95 34.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 47.65 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

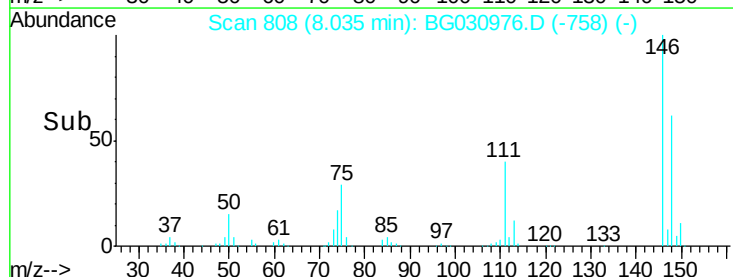
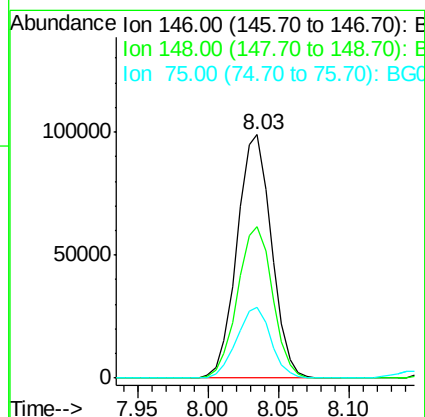
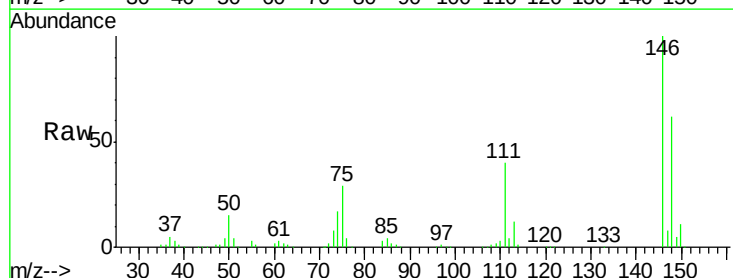
Tgt Ion: 146 Resp: 169057

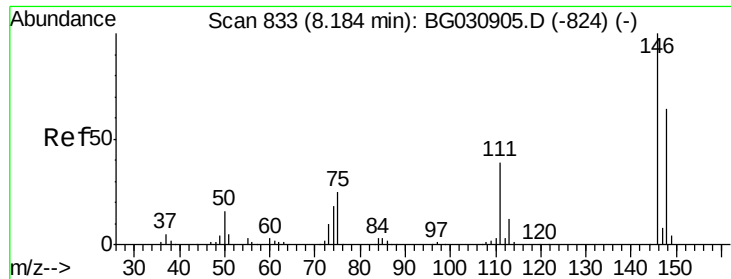
Ion Ratio Lower Upper

146 100

148 62.2 51.4 77.2

75 29.2 26.6 39.8

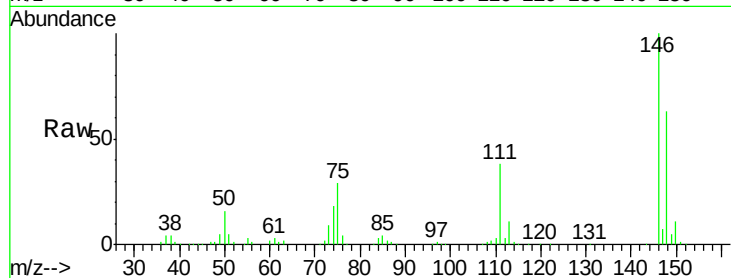




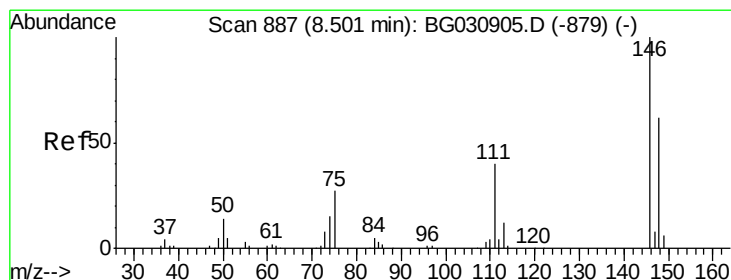
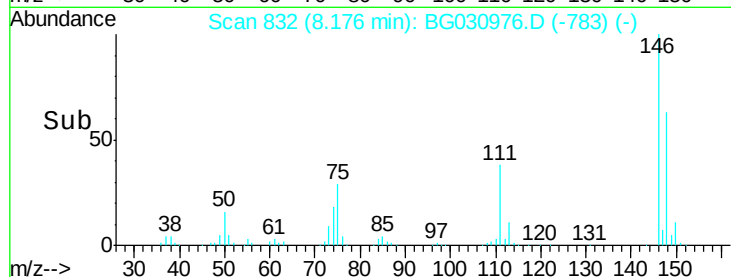
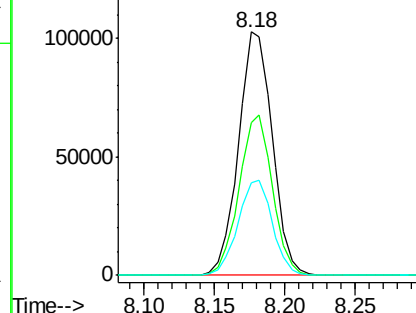
#13
 1,4-Dichlorobenzene
 Concen: 47.90 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

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

Tgt Ion:146 Resp: 172224
 Ion Ratio Lower Upper
 146 100
 148 62.7 53.7 80.5
 111 37.9 35.2 52.8

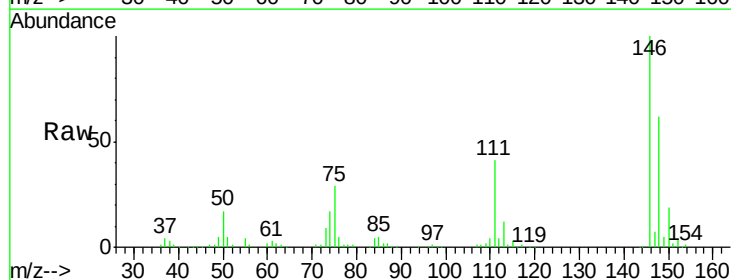


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

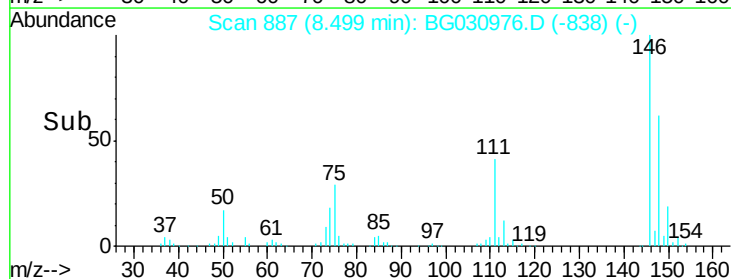
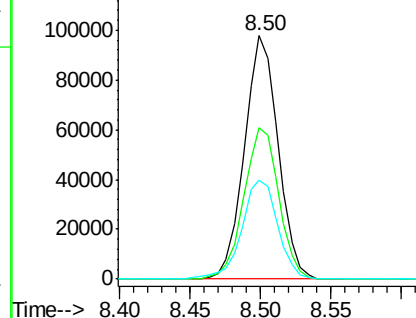


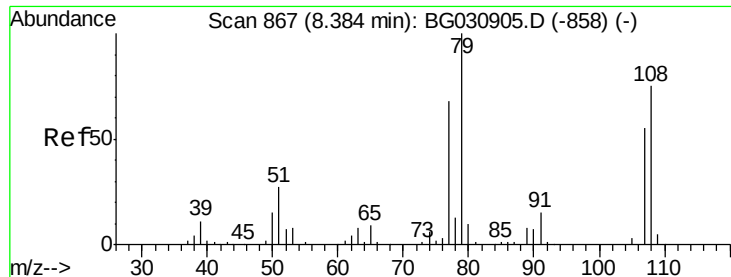
#14
 1,2-Dichlorobenzene
 Concen: 47.31 ng
 RT: 8.50 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion:146 Resp: 163254
 Ion Ratio Lower Upper
 146 100
 148 62.0 49.3 73.9
 111 40.6 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.84 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

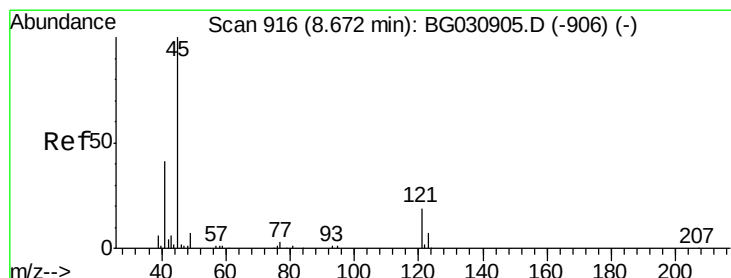
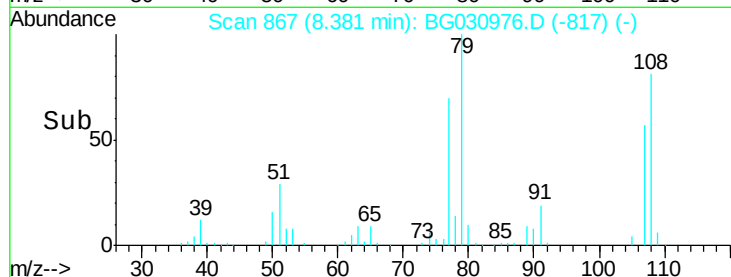
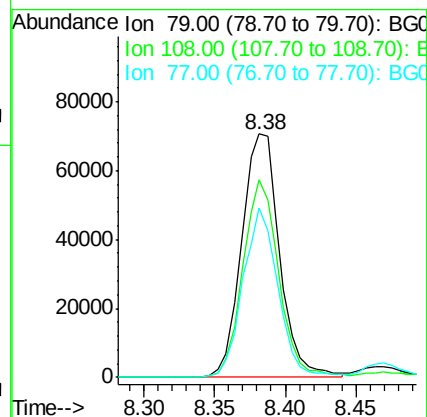
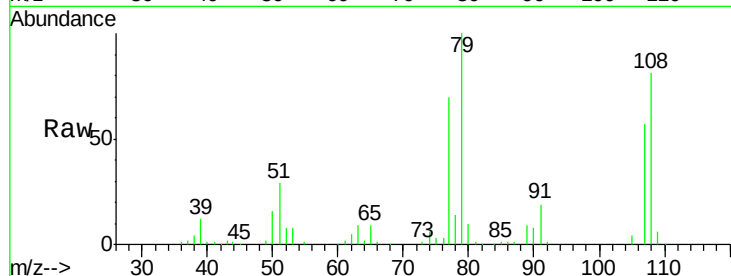
Tgt Ion: 79 Resp: 132787

Ion Ratio Lower Upper

79 100

108 80.9 57.2 85.8

77 69.6 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.86 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

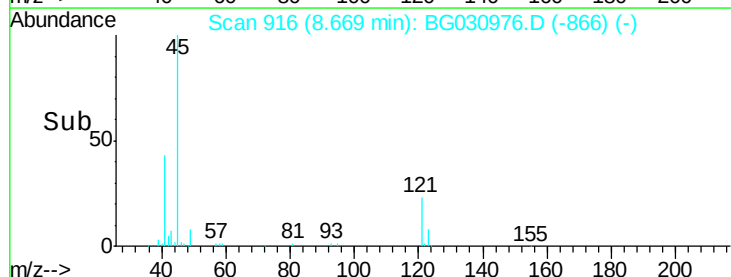
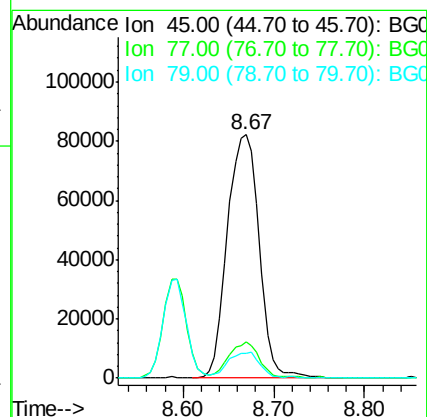
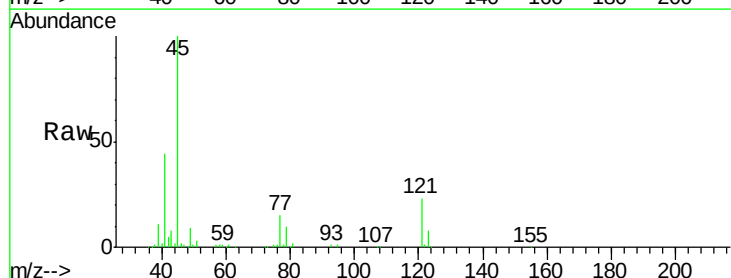
Tgt Ion: 45 Resp: 199044

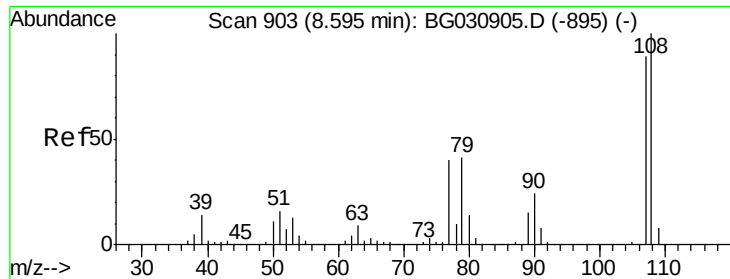
Ion Ratio Lower Upper

45 100

77 15.0 0.0 30.2

79 10.3 0.0 27.9

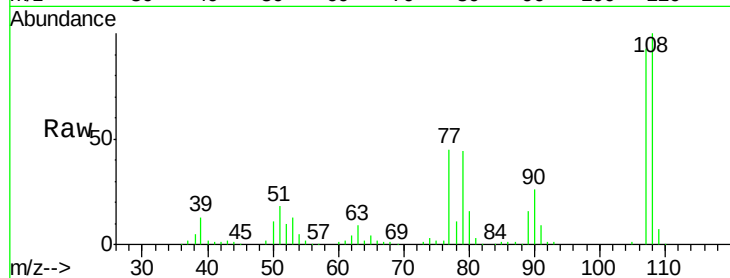




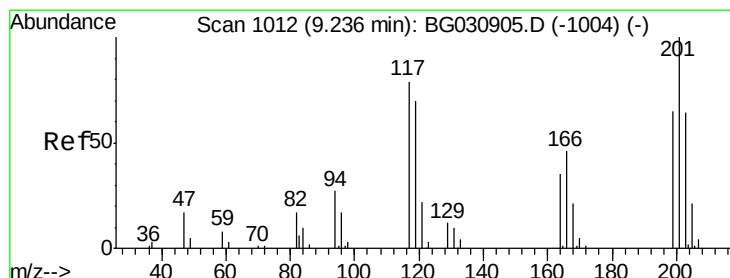
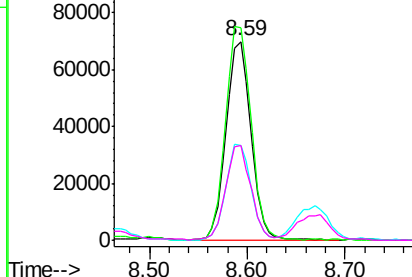
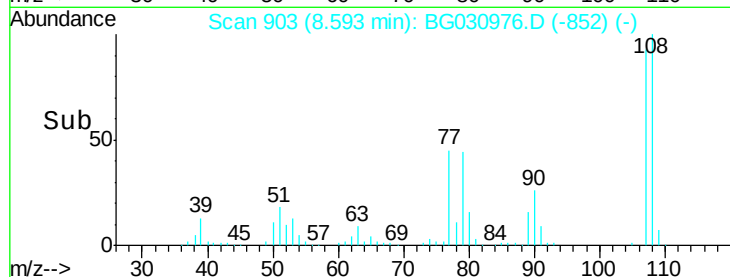
#17
2-Methylphenol
Concen: 46.61 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.00 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

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

Tgt Ion:107 Resp: 124440
Ion Ratio Lower Upper
107 100
108 107.0 83.9 125.9
77 47.8 37.2 55.8
79 47.6 36.2 54.2

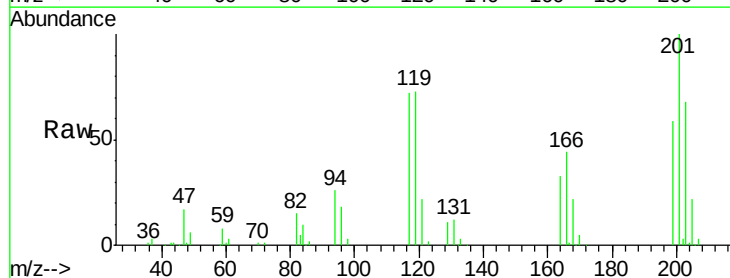


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

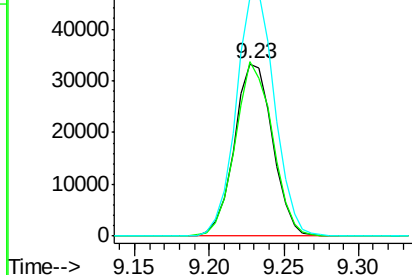
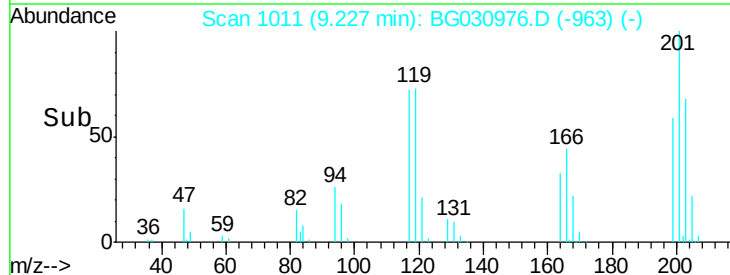


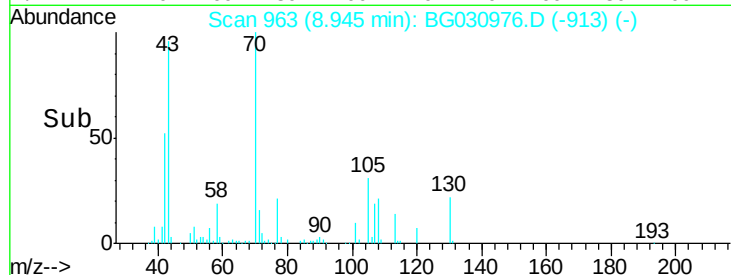
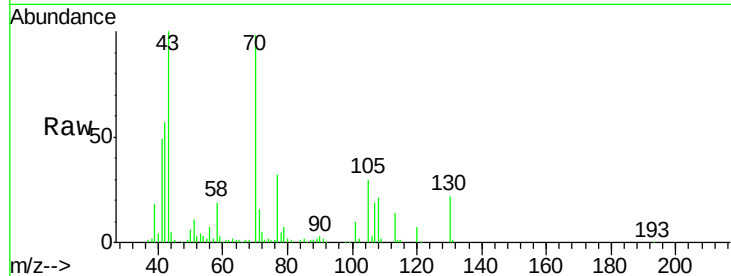
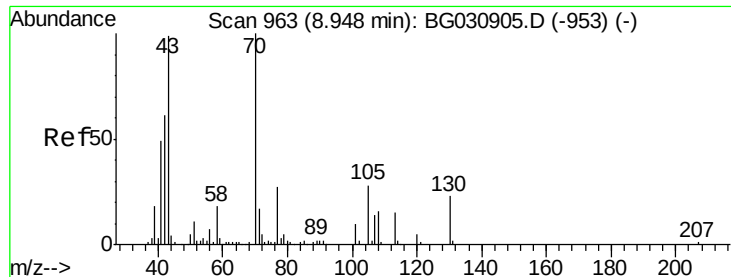
#18
Hexachloroethane
Concen: 47.25 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:117 Resp: 59127
Ion Ratio Lower Upper
117 100
119 101.1 76.7 115.1
201 138.6 95.7 143.5



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

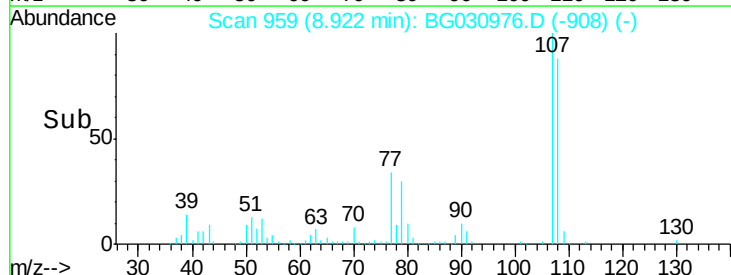
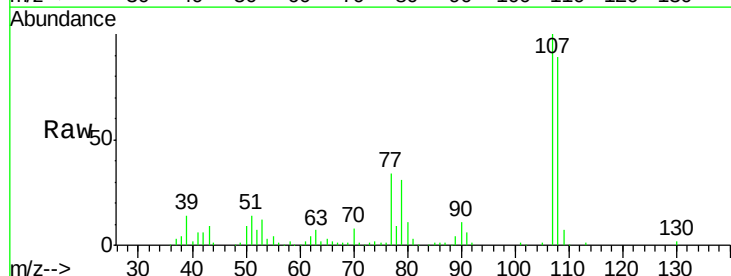
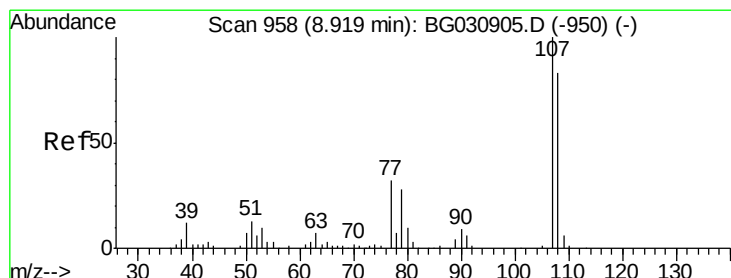
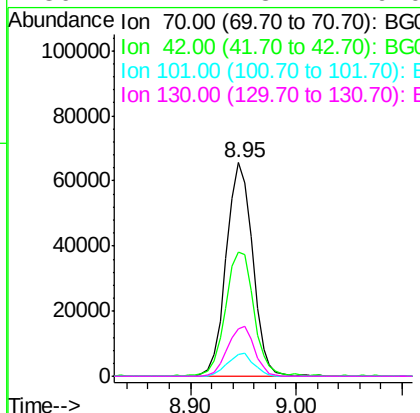




#19
n-Nitroso-di-n-propylamine
Concen: 40.30 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

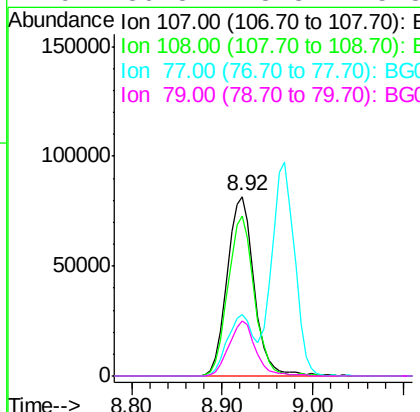
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

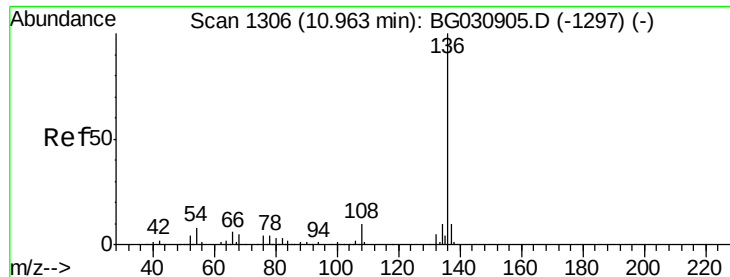
Tgt Ion: 70 Resp: 113136
Ion Ratio Lower Upper
70 100
42 58.2 49.1 73.7
101 10.1 8.5 12.7
130 22.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.47 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion: 107 Resp: 168812
Ion Ratio Lower Upper
107 100
108 89.4 61.6 101.6
77 34.4 13.9 53.9
79 30.8 8.8 48.8

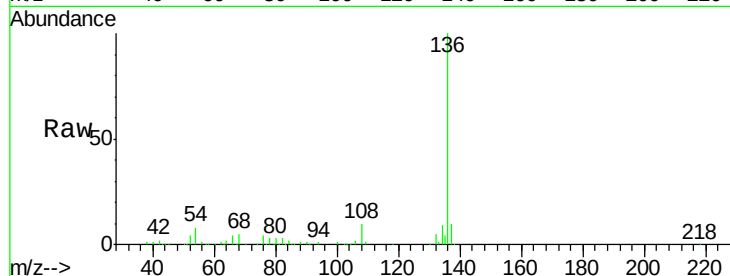




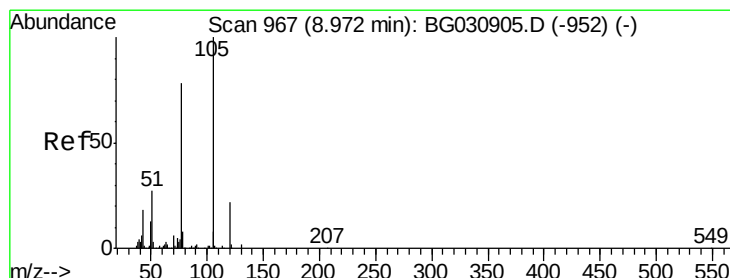
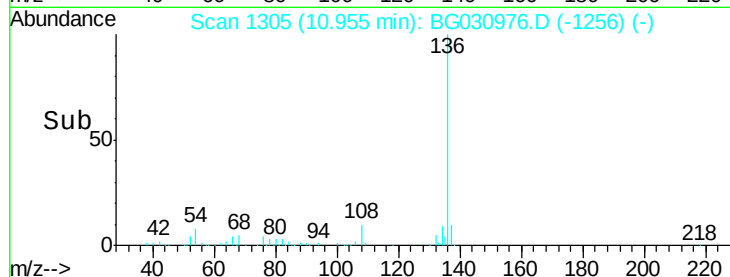
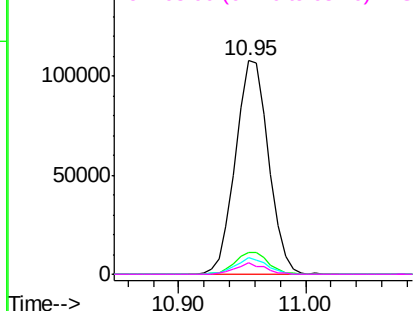
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

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

Tgt Ion:	136	Resp:	194956
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	10.3	15.5#
68	5.2	4.5	6.7

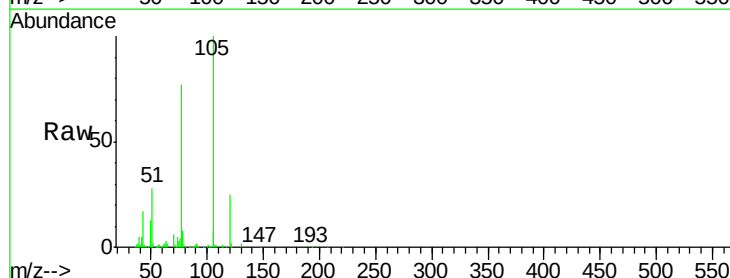


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

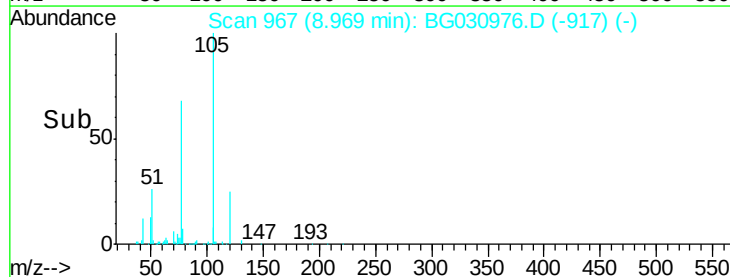
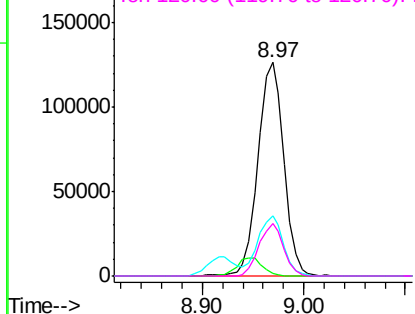


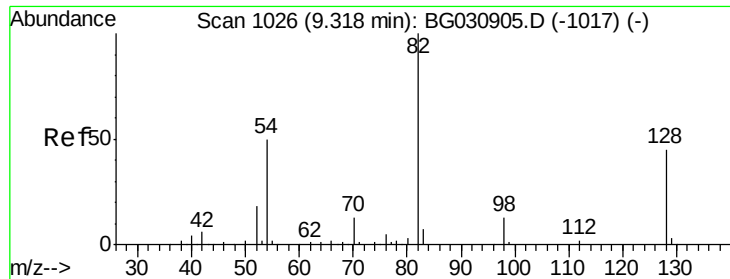
#22
Acetophenone
Concen: 46.27 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:	105	Resp:	224622
Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	28.0	26.1	39.1
120	24.9	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

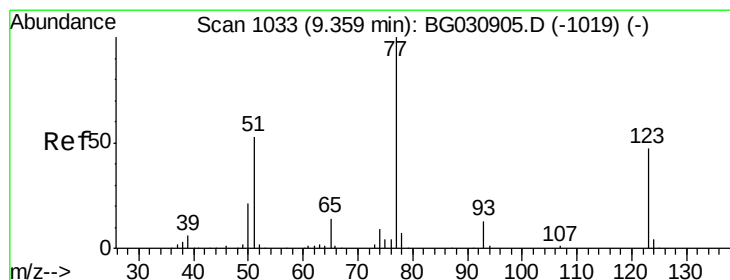
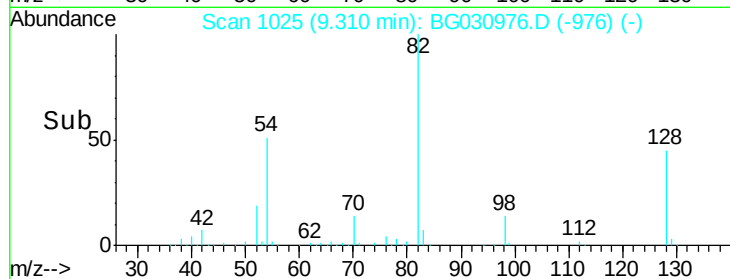
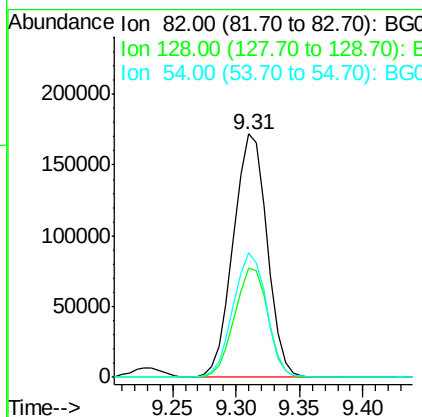
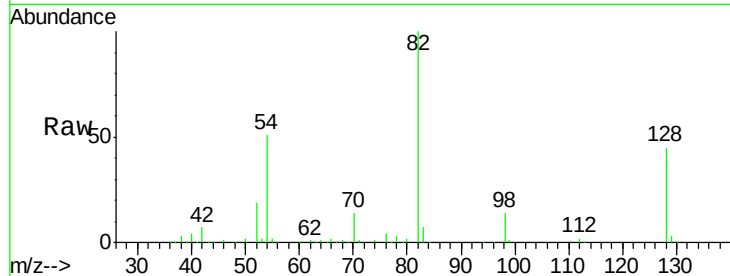




#23
 Nitrobenzene-d5
 Concen: 96.71 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

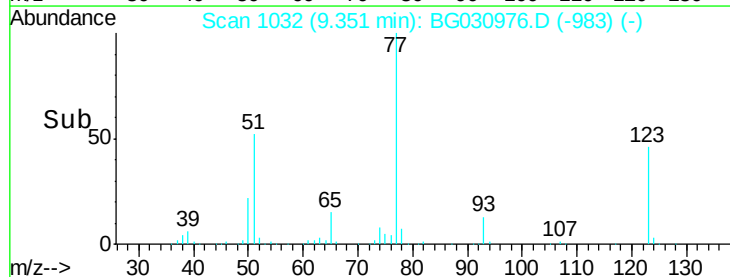
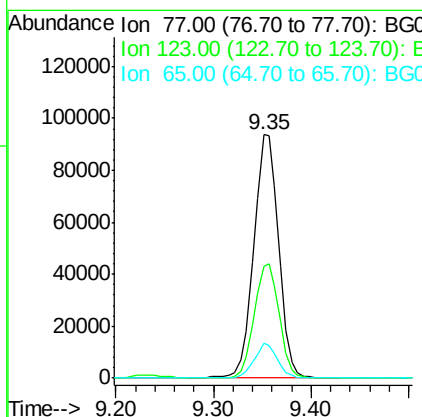
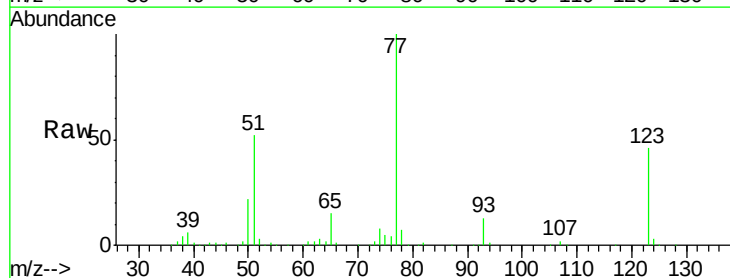
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

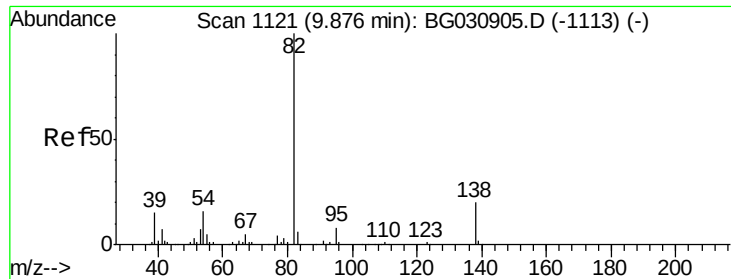
Tgt Ion: 82 Resp: 318193
 Ion Ratio Lower Upper
 82 100
 128 45.0 29.7 44.5#
 54 51.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 50.05 ng
 RT: 9.35 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion: 77 Resp: 168215
 Ion Ratio Lower Upper
 77 100
 123 46.1 33.0 49.6
 65 14.6 13.0 19.6





#25

Isophorone

Concen: 49.43 ng

RT: 9.87 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

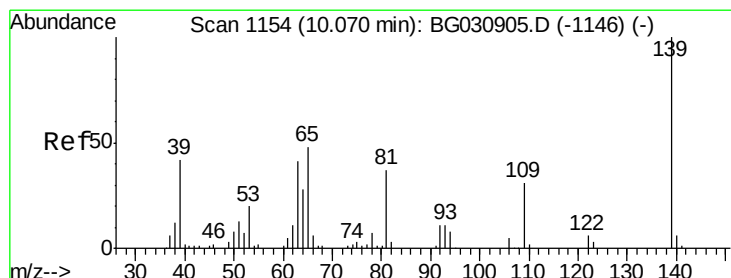
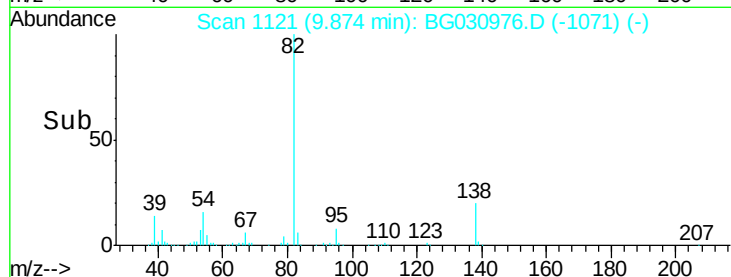
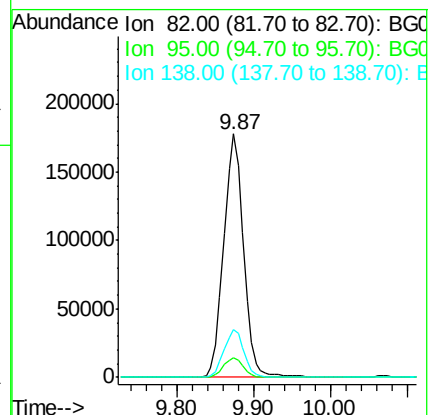
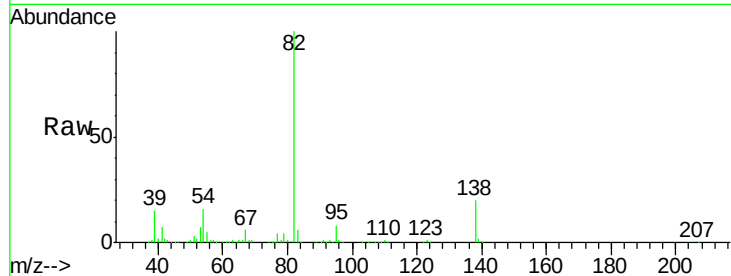
Tgt Ion: 82 Resp: 317144

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 19.6 12.1 18.1#



#26

2-Nitrophenol

Concen: 52.75 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

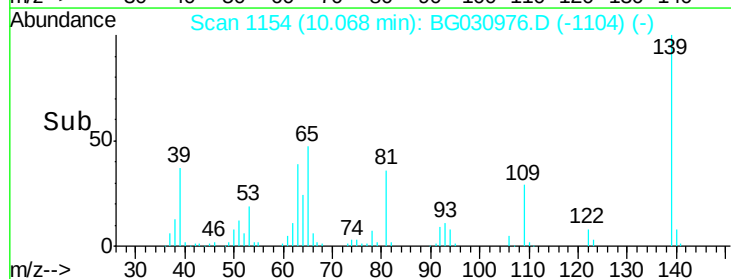
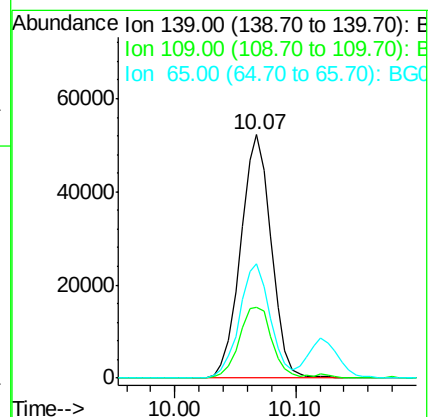
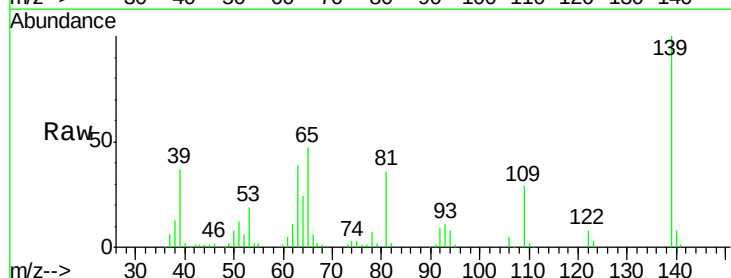
Tgt Ion: 139 Resp: 92410

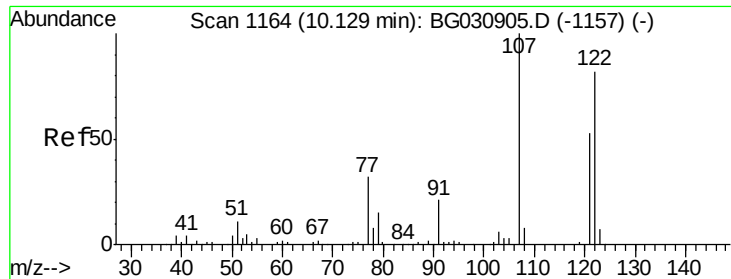
Ion Ratio Lower Upper

139 100

109 29.3 24.2 36.2

65 46.8 47.4 71.0#

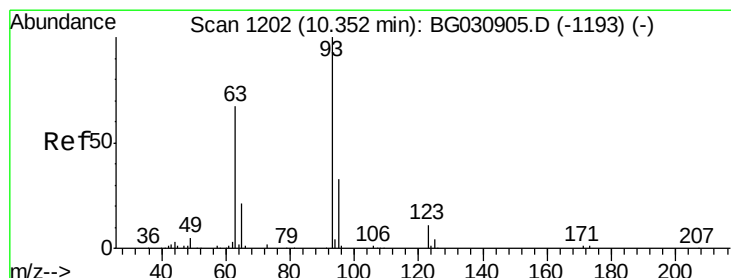
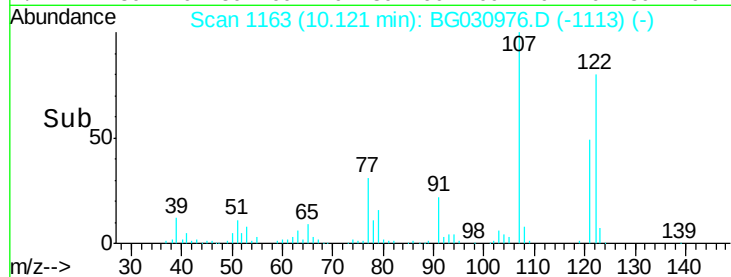
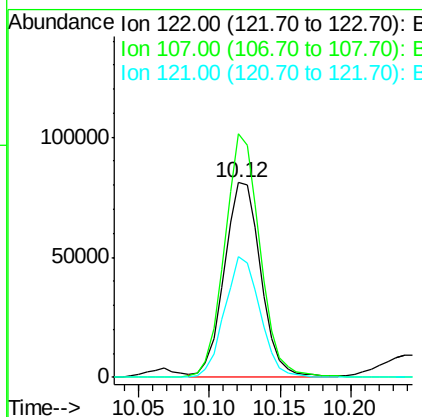
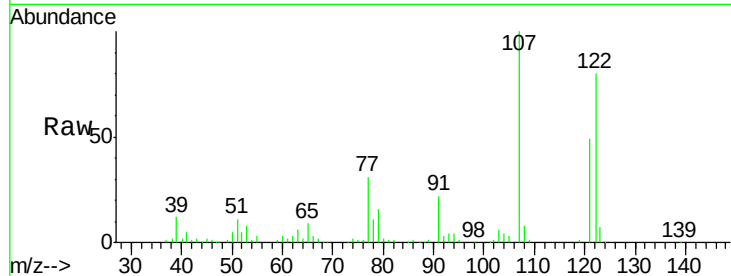




#27
 2,4-Dimethylphenol
 Concen: 55.76 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

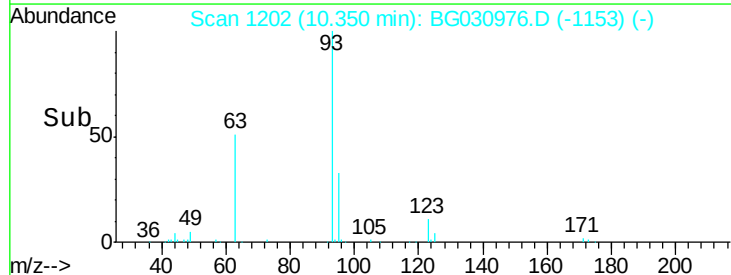
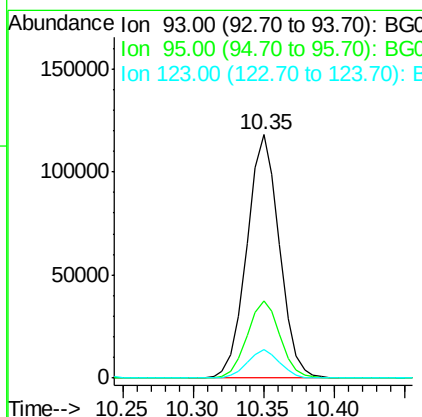
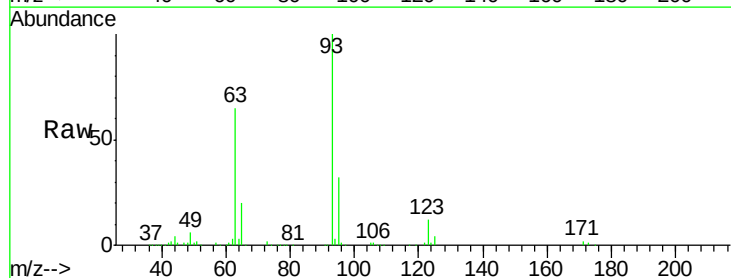
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

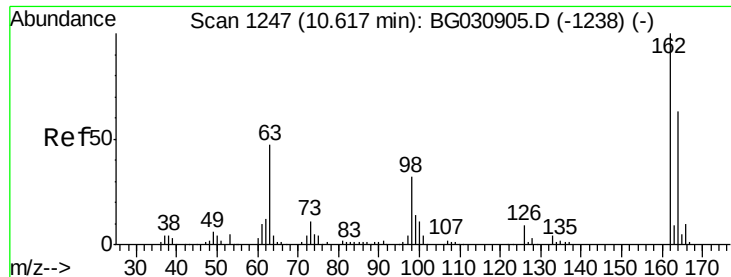
Tgt Ion:122 Resp: 145003
 Ion Ratio Lower Upper
 122 100
 107 125.1 100.2 150.2
 121 61.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.29 ng
 RT: 10.35 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion: 93 Resp: 191114
 Ion Ratio Lower Upper
 93 100
 95 31.9 24.3 36.5
 123 11.7 8.4 12.6

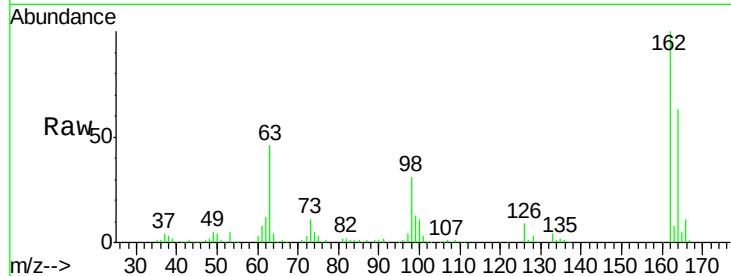




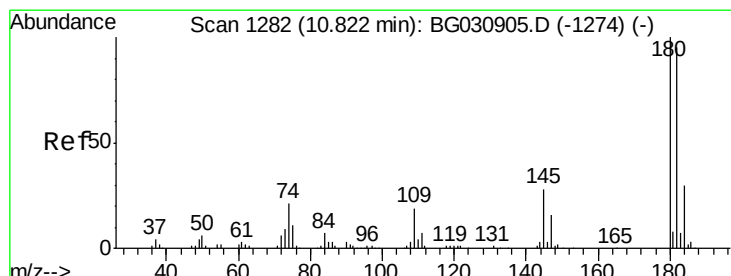
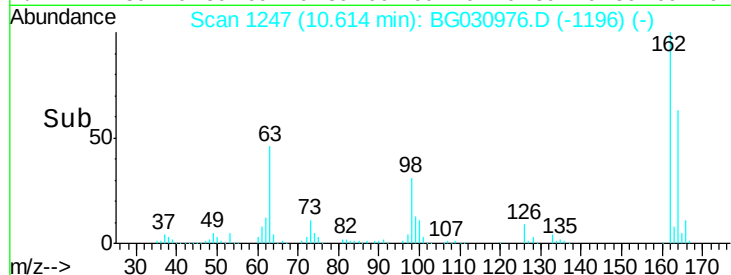
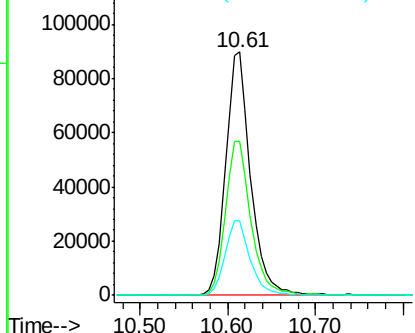
#29
2,4-Dichlorophenol
Concen: 55.95 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

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

Tgt Ion:162 Resp: 174719
Ion Ratio Lower Upper
162 100
164 63.4 48.0 88.0
98 30.6 21.1 61.1

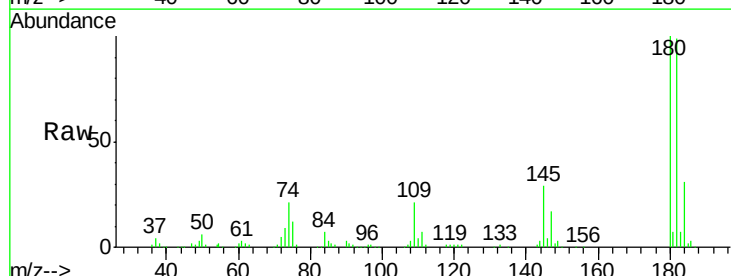


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

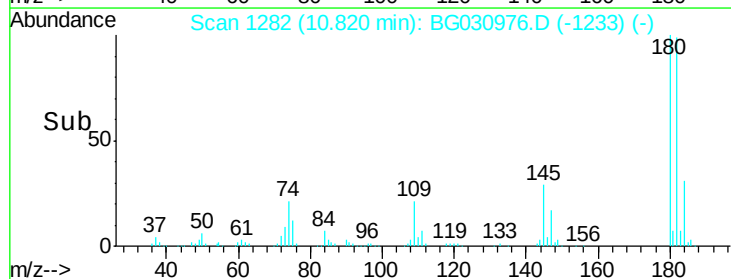
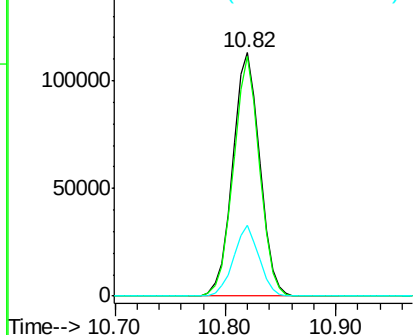


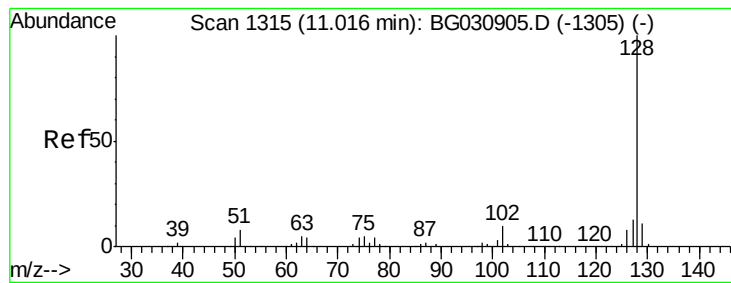
#30
1,2,4-Trichlorobenzene
Concen: 52.23 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:180 Resp: 194732
Ion Ratio Lower Upper
180 100
182 98.6 77.5 116.3
145 29.0 23.4 35.2



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





#31

Naphthalene

Concen: 54.63 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

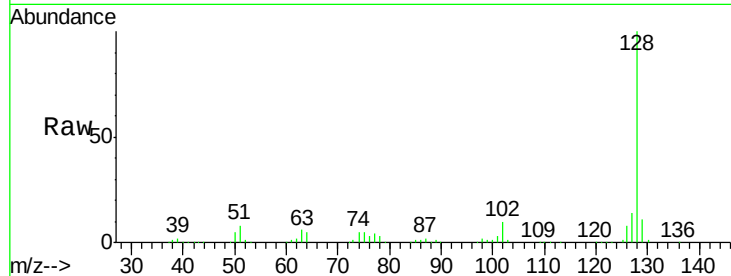
Tgt Ion:128 Resp: 523524

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

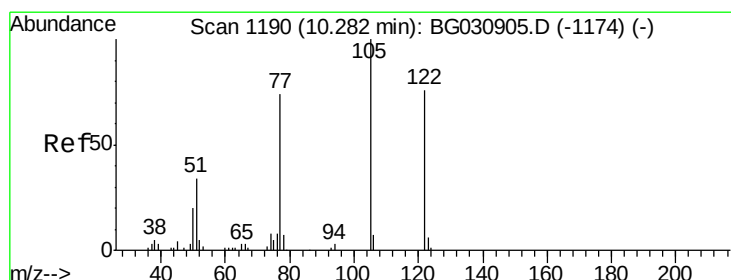
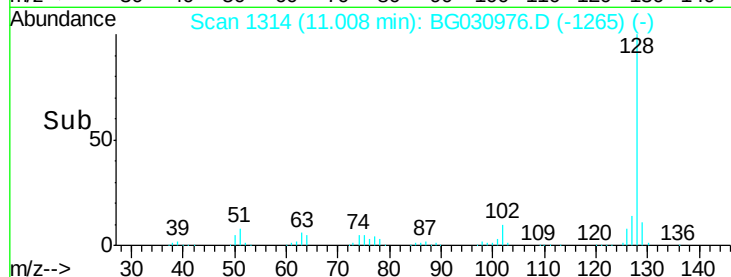
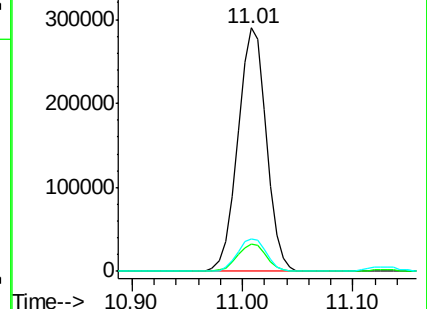
127 13.5 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.74 ng

RT: 10.24 min Scan# 1183

Delta R.T. -0.03 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

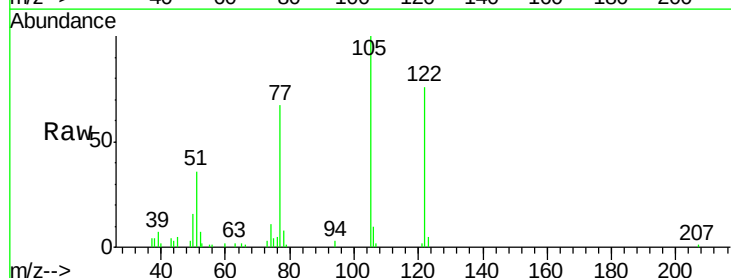
Tgt Ion:122 Resp: 22296

Ion Ratio Lower Upper

122 100

105 131.3 123.5 163.5

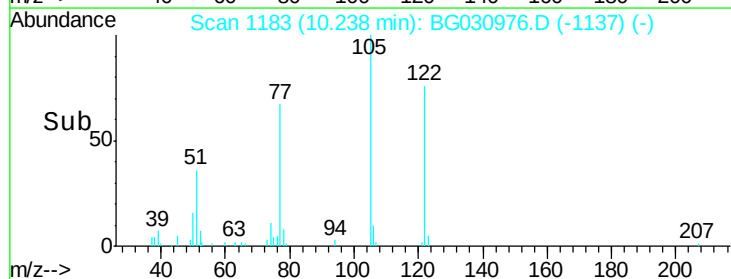
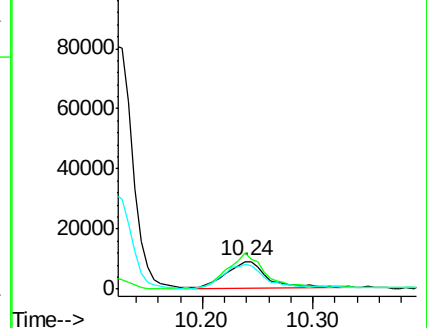
77 88.4 85.7 125.7

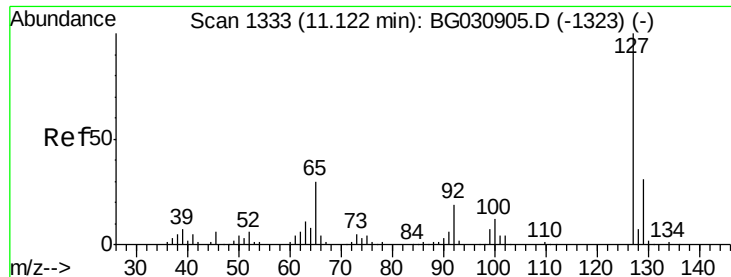


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

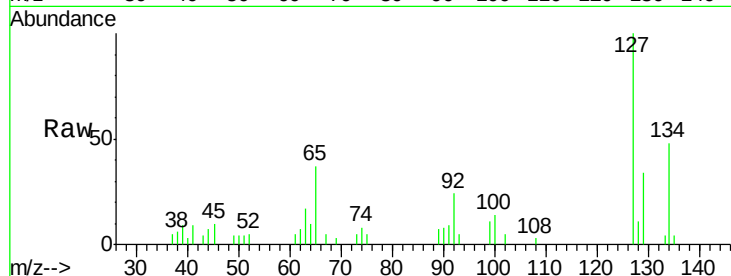




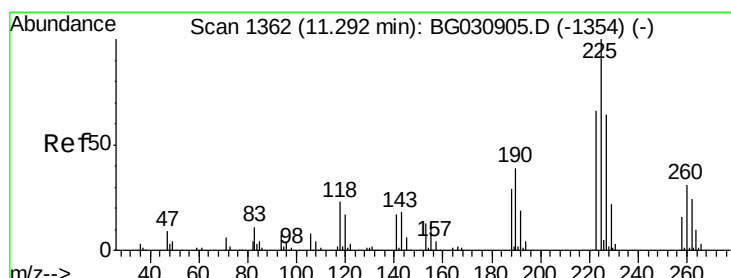
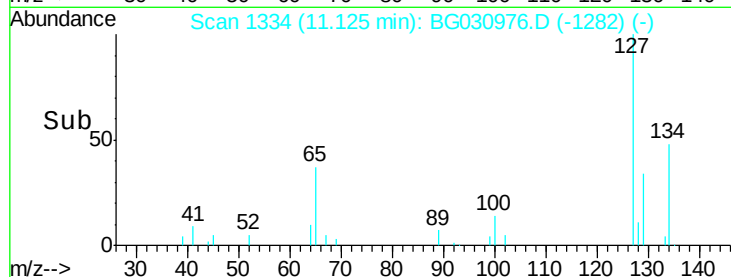
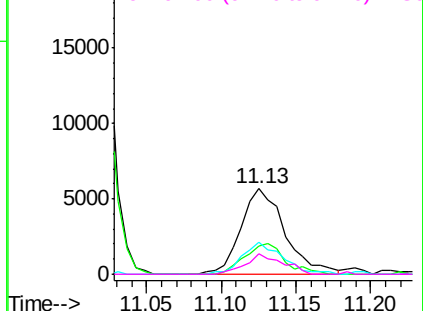
#33
4-Chloroaniline
Concen: 2.77 ng
RT: 11.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

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

Tgt Ion:	127	Resp:	11642
Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.0	36.0
65	36.7	27.0	40.4
92	23.9	16.6	25.0

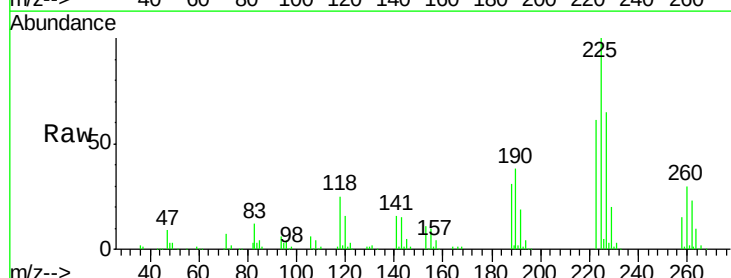


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

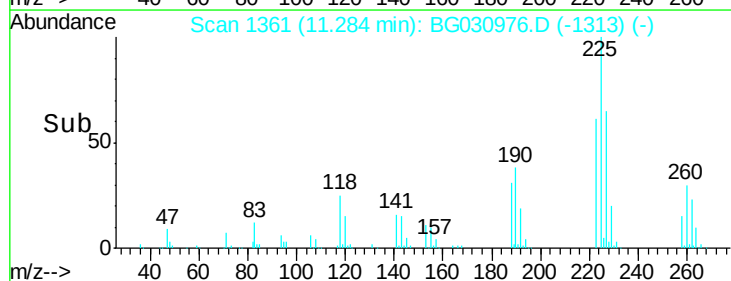
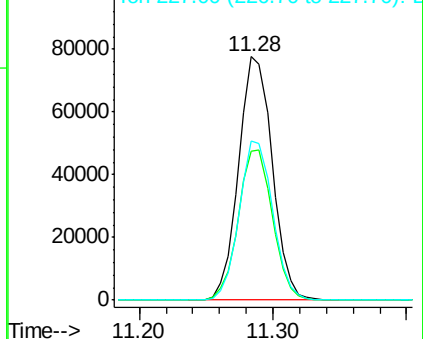


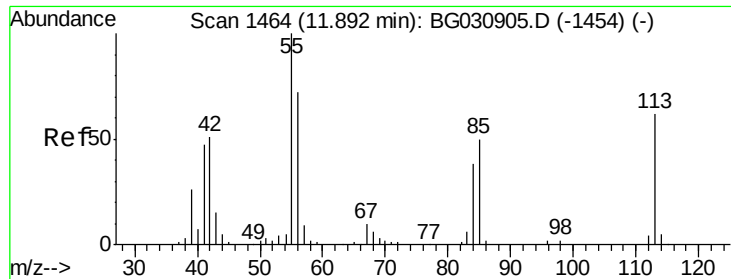
#34
Hexachlorobutadiene
Concen: 52.40 ng
RT: 11.28 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:	225	Resp:	135505
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	65.2	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

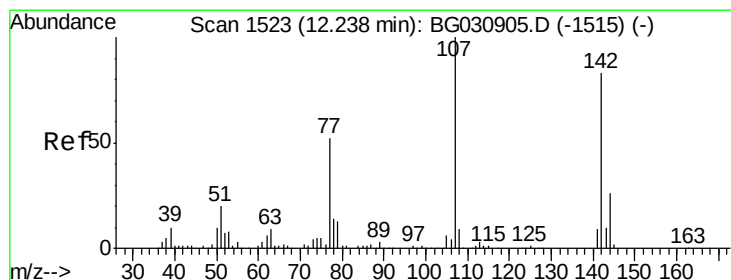
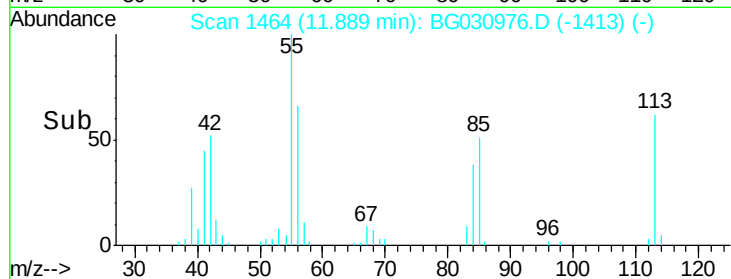
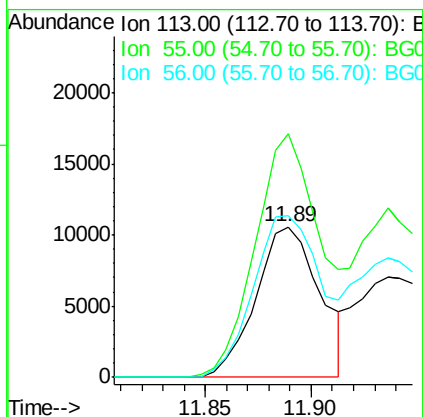
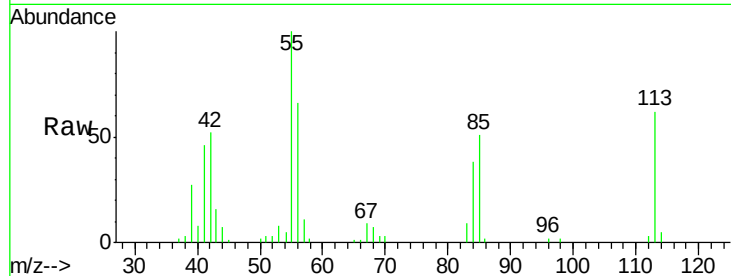




#35
 Caprolactam
 Concen: 17.48 ng
 RT: 11.89 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

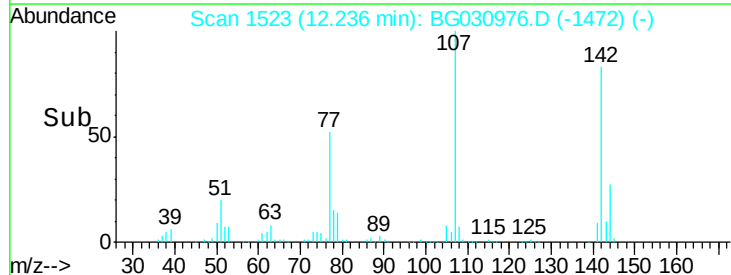
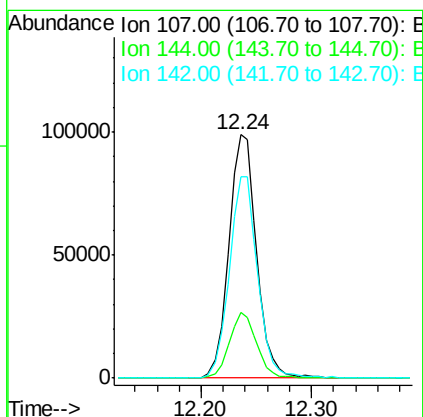
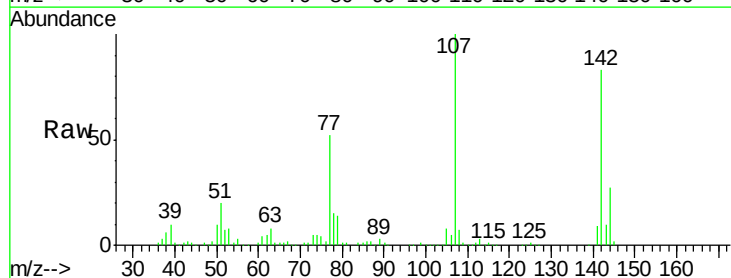
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

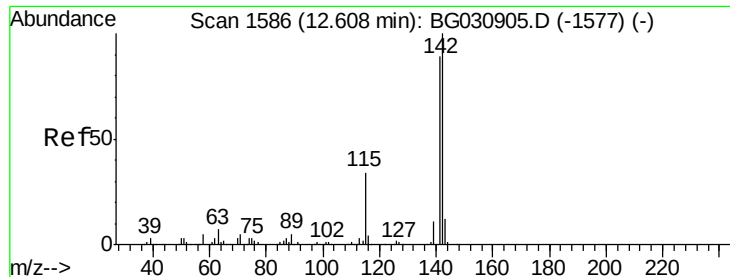
Tgt Ion:113 Resp: 22299
 Ion Ratio Lower Upper
 113 100
 55 161.7 186.9 226.9#
 56 107.3 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 51.18 ng
 RT: 12.24 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion:107 Resp: 173974
 Ion Ratio Lower Upper
 107 100
 144 26.8 18.2 27.4
 142 82.8 59.0 88.4

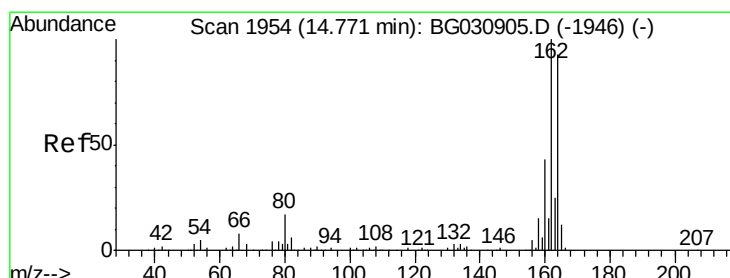
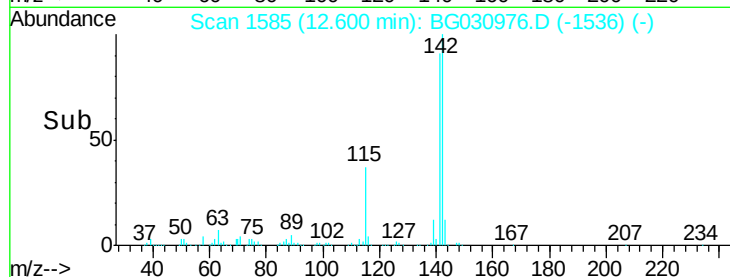
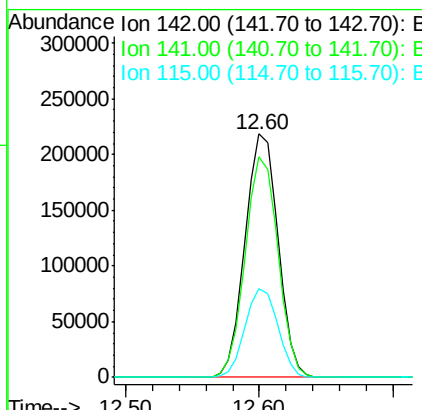
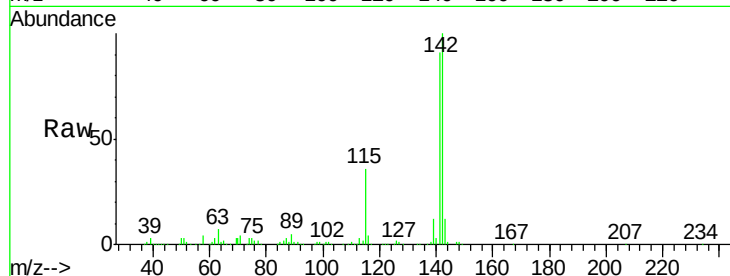




#37
2-Methylnaphthalene
Concen: 50.54 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

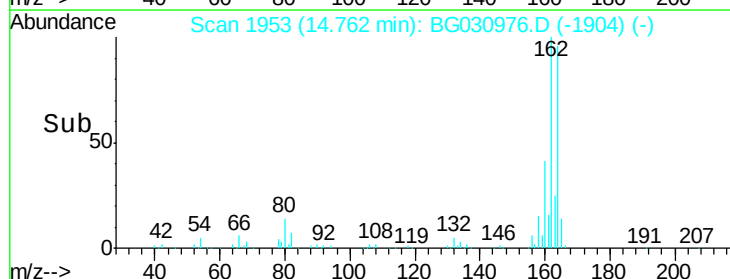
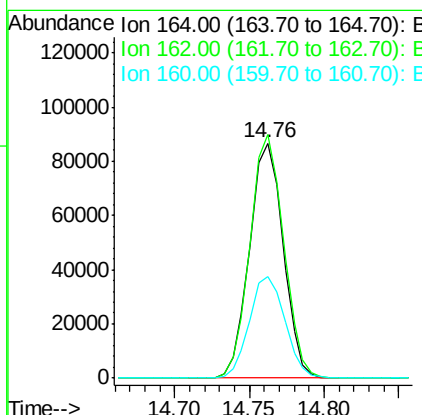
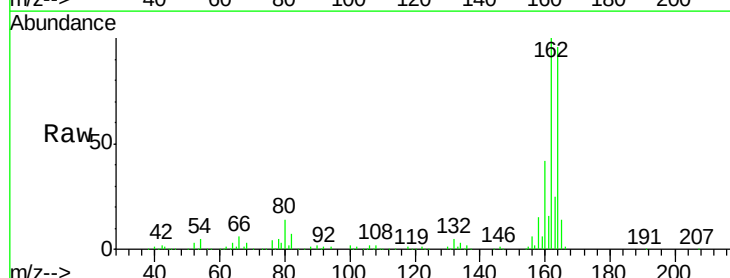
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

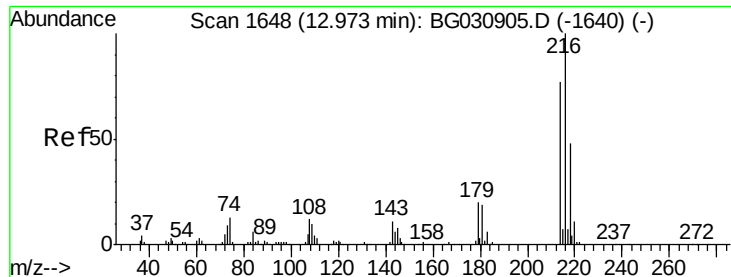
Tgt Ion:142 Resp: 373920
Ion Ratio Lower Upper
142 100
141 90.6 67.1 100.7
115 36.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:164 Resp: 134782
Ion Ratio Lower Upper
164 100
162 103.7 78.8 118.2
160 43.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.42 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

Tgt Ion: 216 Resp: 248331

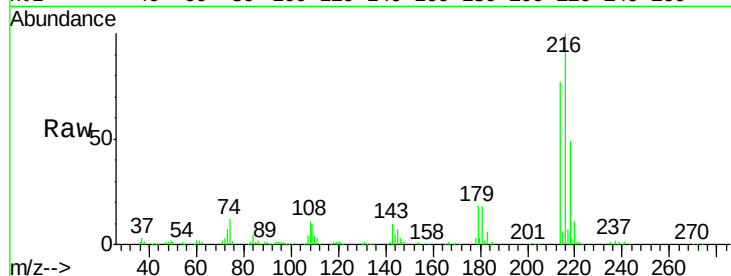
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.4

179 18.2 17.0 25.6

108 13.2 12.8 19.2

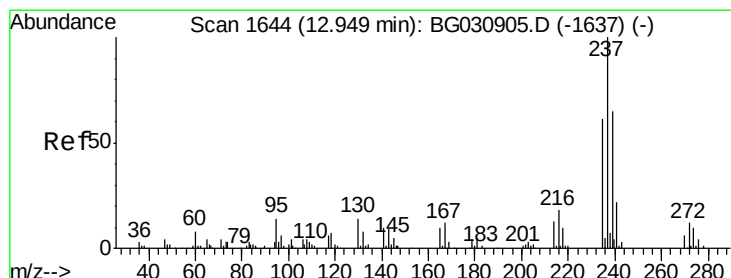
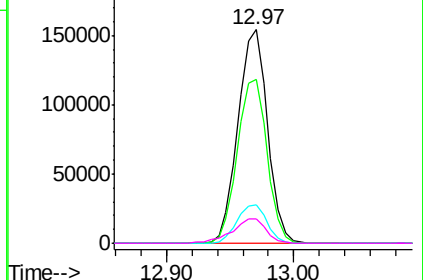
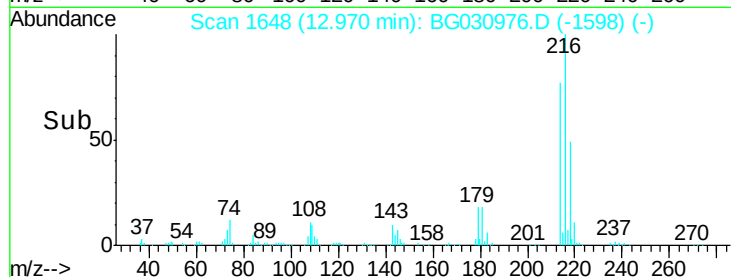


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.38 ng

RT: 12.95 min Scan# 1644

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

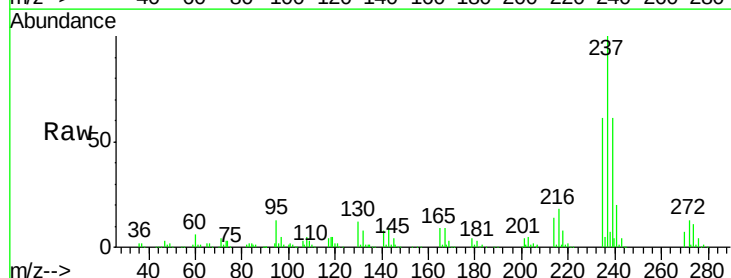
Tgt Ion: 237 Resp: 193384

Ion Ratio Lower Upper

237 100

235 60.7 50.4 90.4

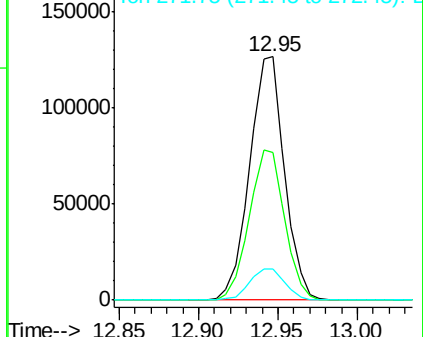
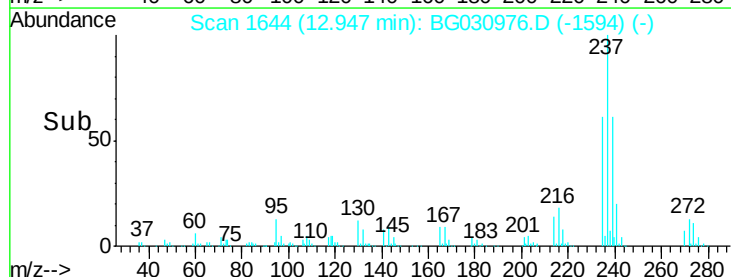
272 12.6 0.0 31.8

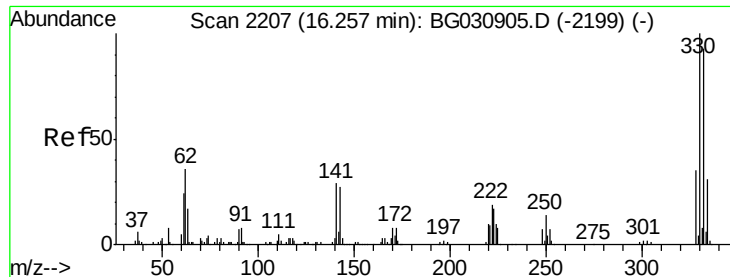


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

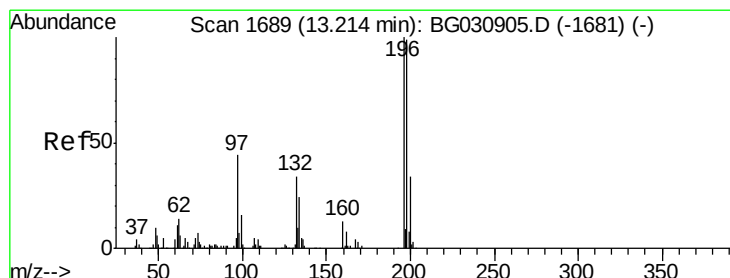
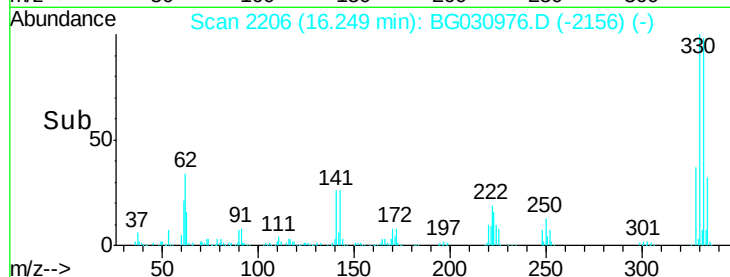
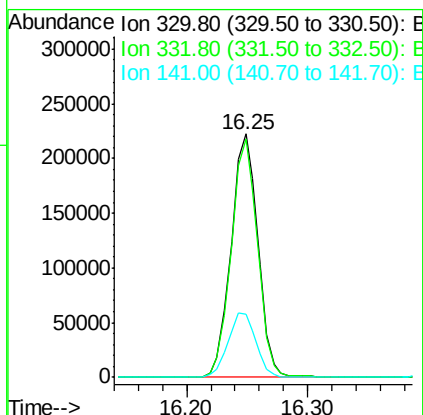
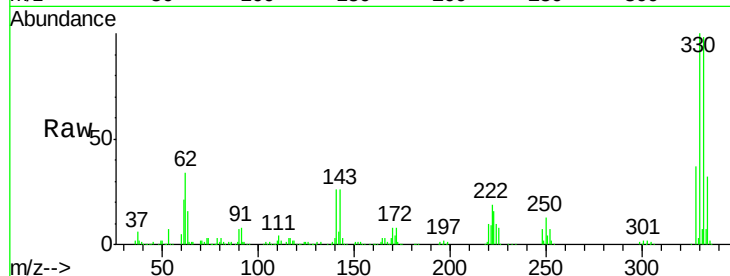




#41
 2,4,6-Tribromophenol
 Concen: 158.12 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

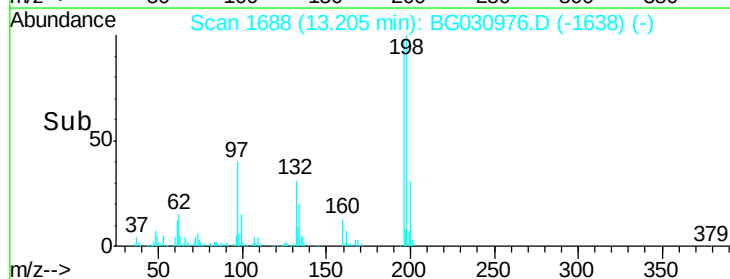
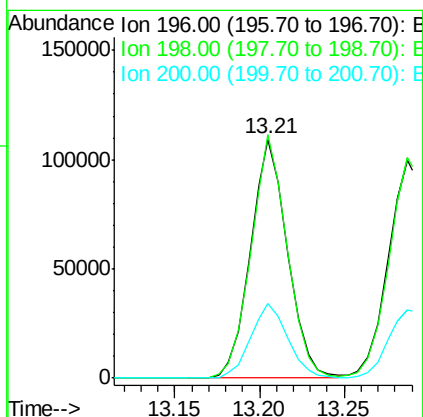
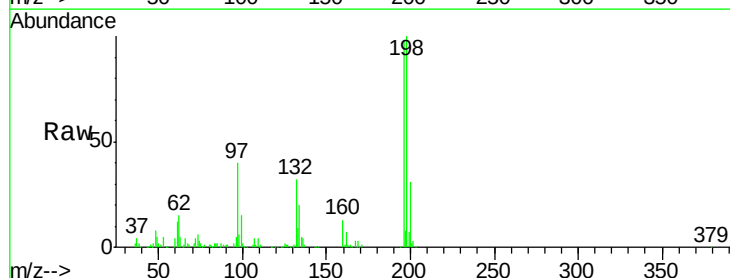
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

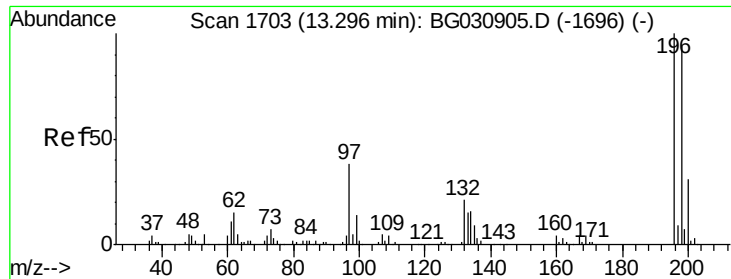
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	27.5	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 54.01 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	78.2	117.2
200	31.4	24.6	36.8

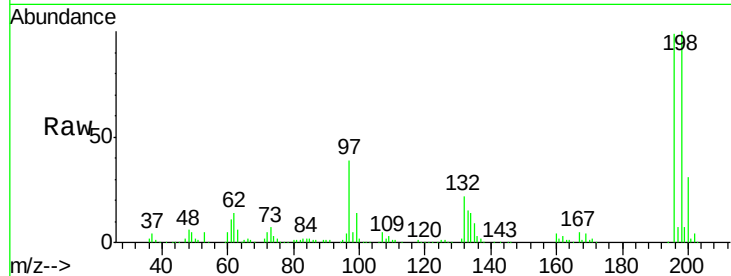




#43
 2,4,5-Trichlorophenol
 Concen: 53.65 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

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

Tgt Ion	Resp	Lower	Upper
196	179525		
198	101.0	76.2	114.4
97	39.2	38.7	58.1
132	21.9	20.2	30.2



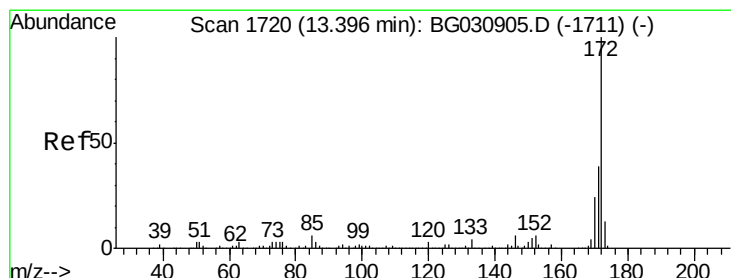
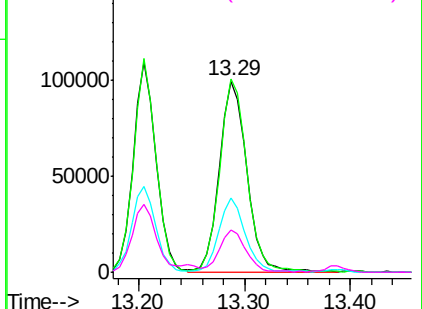
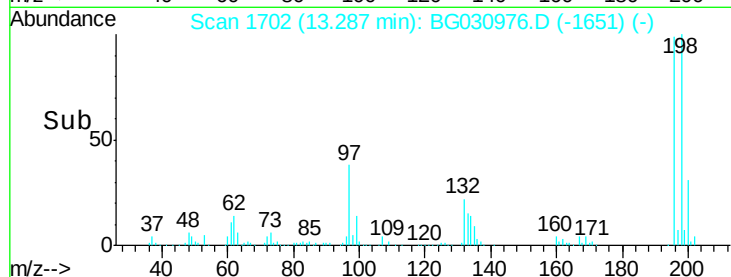
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

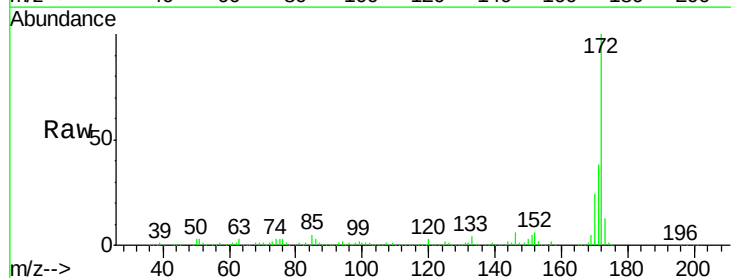
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.97 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion	Resp	Lower	Upper
172	890860		
171	37.7	30.0	45.0
170	23.9	19.5	29.3

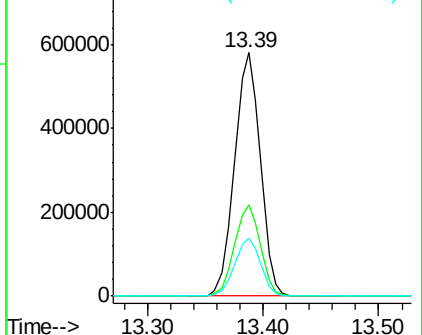
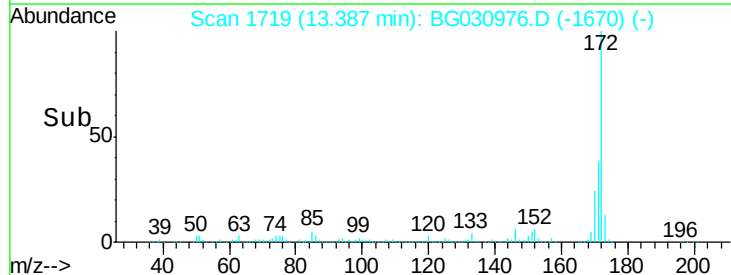


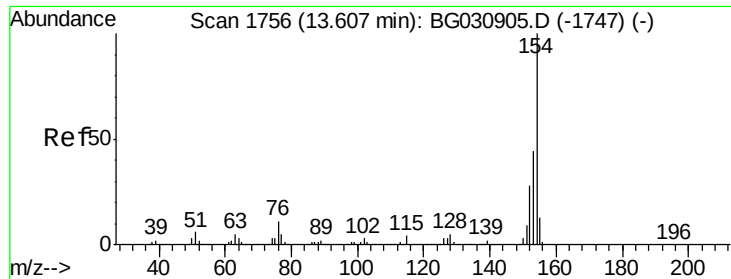
Abundance

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

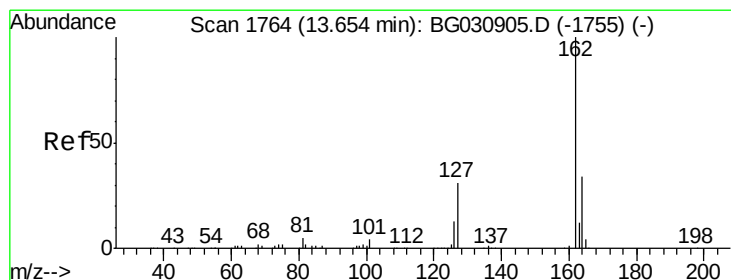
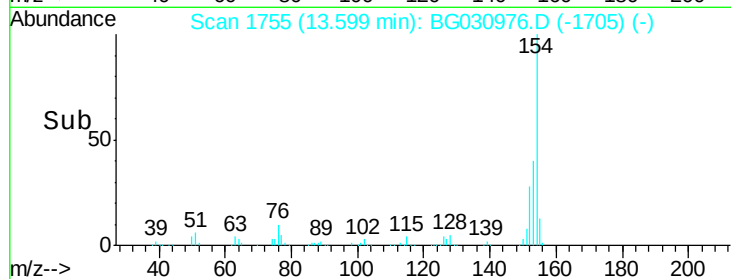
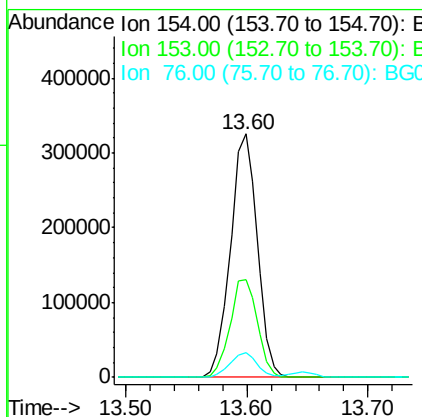
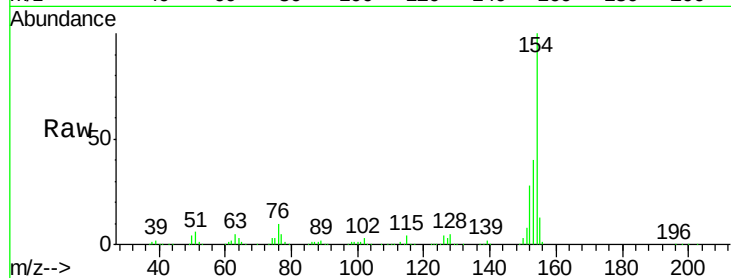




#45
 1,1'-Biphenyl
 Concen: 45.03 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

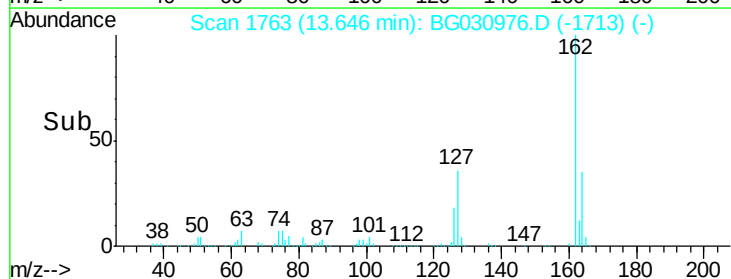
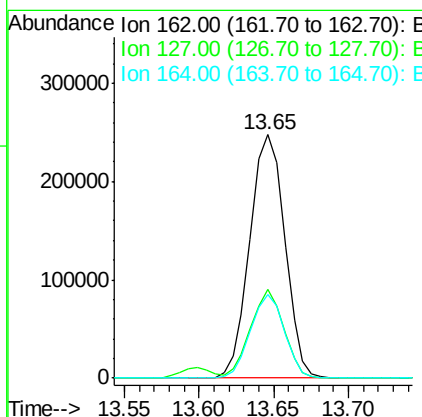
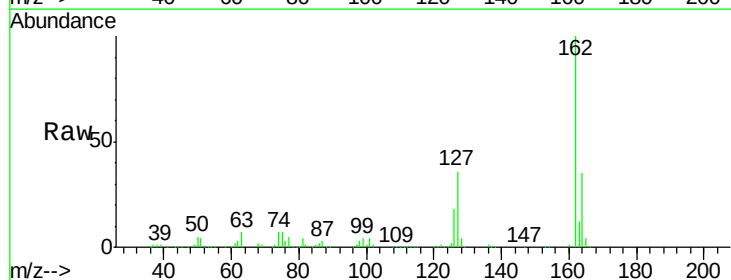
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

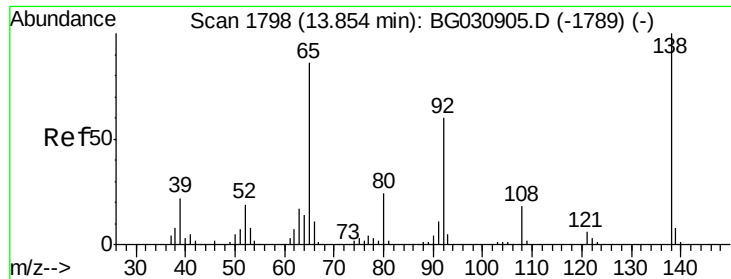
Tgt Ion:	154	Resp:	503307
Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	10.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 49.87 ng
 RT: 13.65 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion:	162	Resp:	402140
Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.7	46.1
164	34.5	26.0	39.0

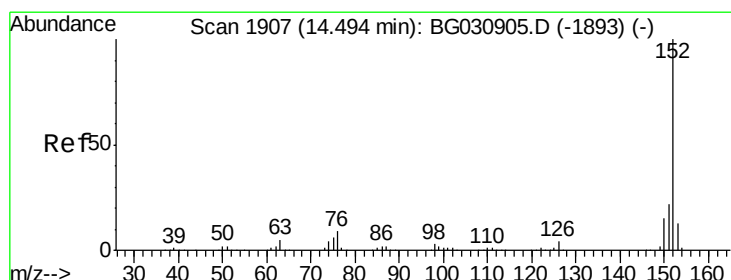
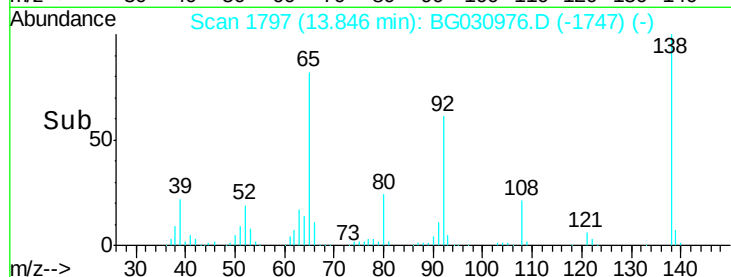
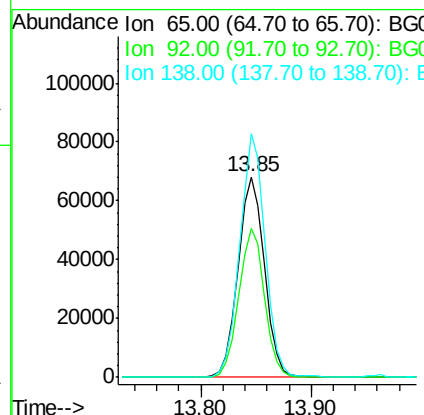
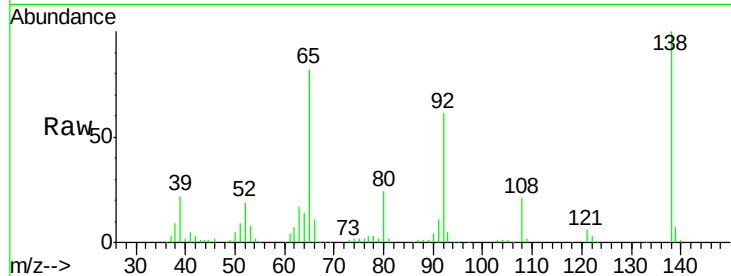




#47
2-Nitroaniline
Concen: 47.89 ng
RT: 13.85 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

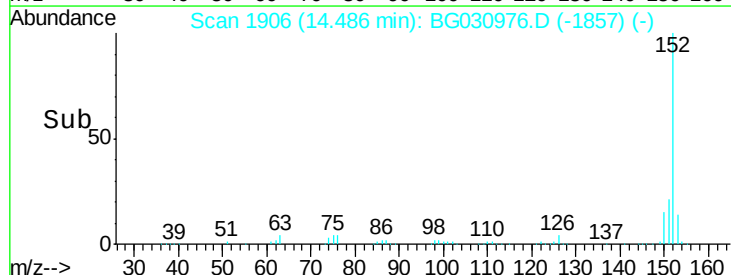
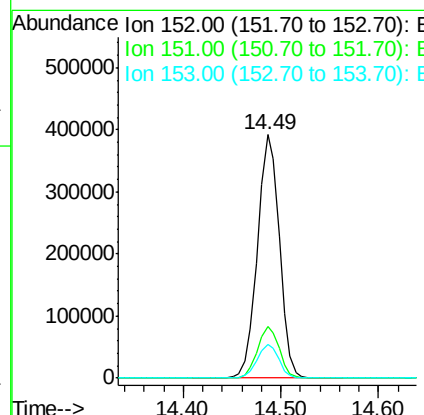
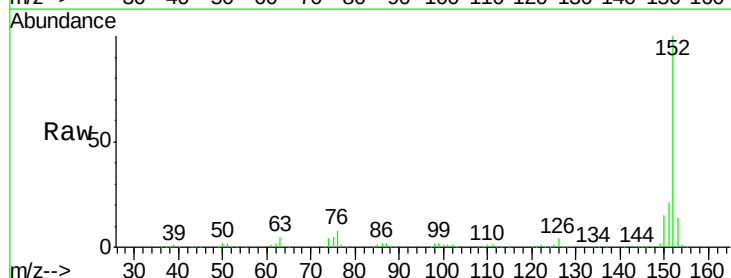
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

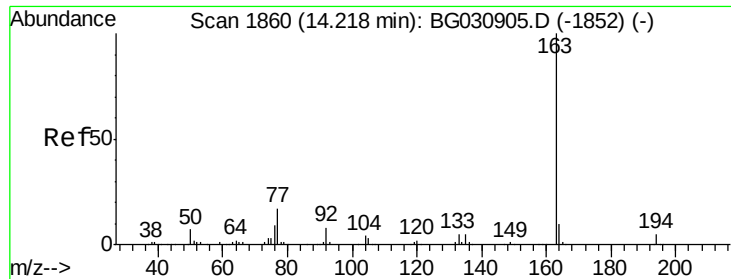
Tgt Ion: 65 Resp: 114454
Ion Ratio Lower Upper
65 100
92 74.3 54.6 82.0
138 121.6 72.9 109.3#



#48
Acenaphthylene
Concen: 46.45 ng
RT: 14.49 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion: 152 Resp: 613072
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 48.10 ng

RT: 14.21 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

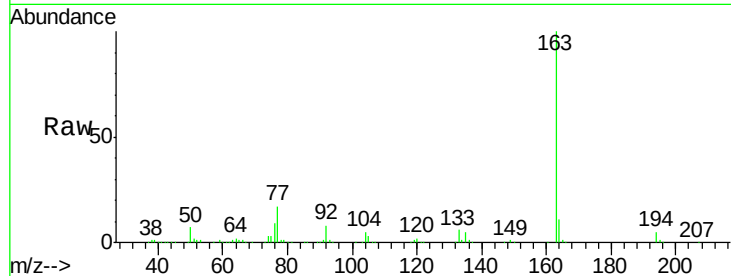
Tgt Ion:163 Resp: 560556

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

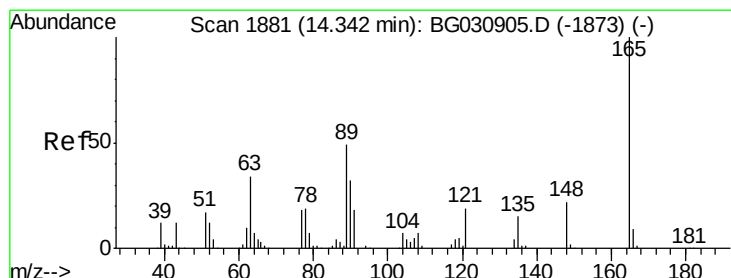
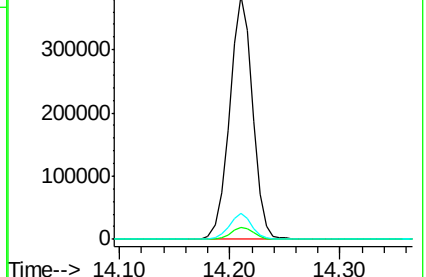
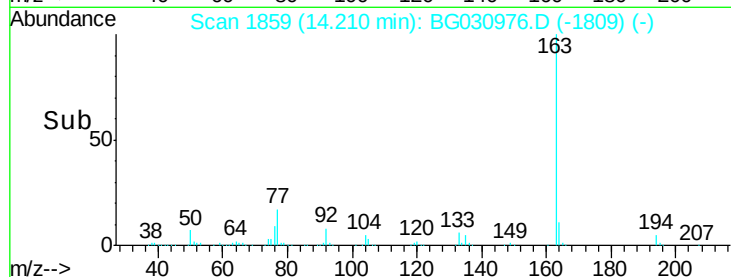
164 10.6 8.2 12.4



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: 52.98 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

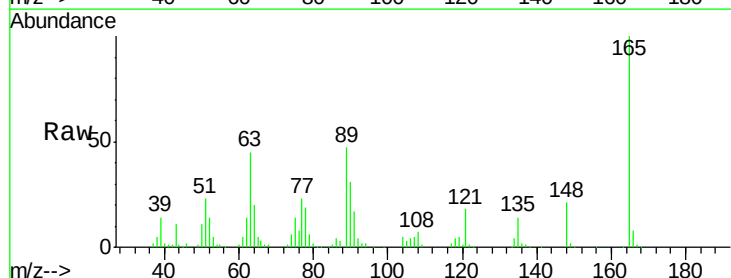
Tgt Ion:165 Resp: 127257

Ion Ratio Lower Upper

165 100

63 44.7 52.7 79.1#

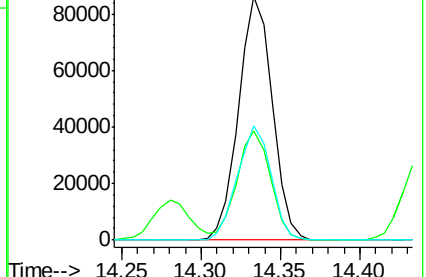
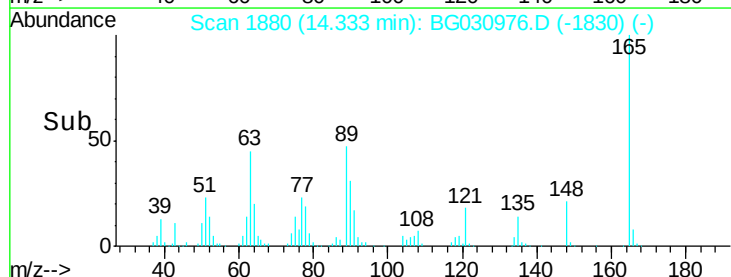
89 46.9 49.2 73.8#

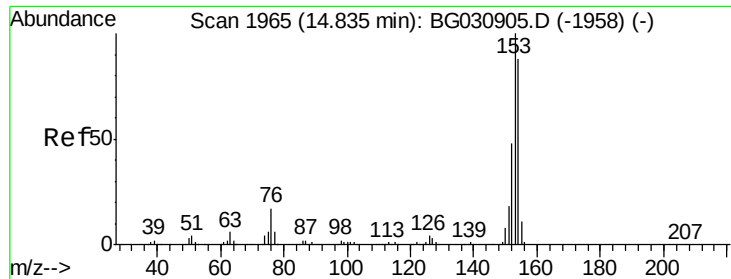


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 47.06 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

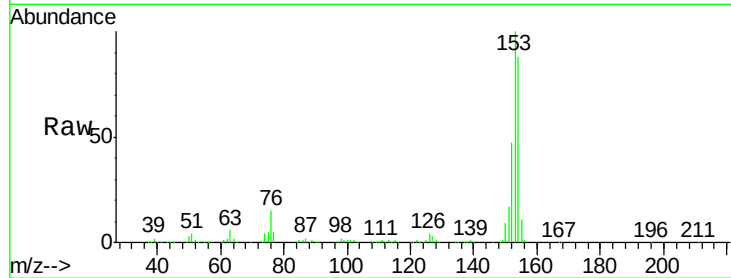
Tgt Ion:154 Resp: 387895

Ion Ratio Lower Upper

154 100

153 113.7 90.4 135.6

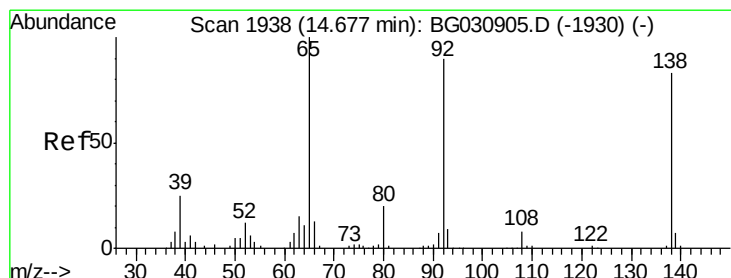
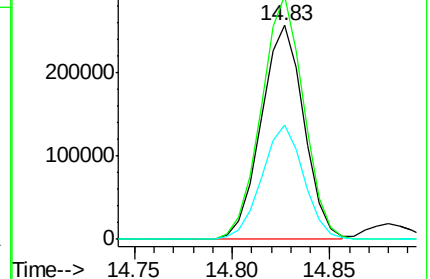
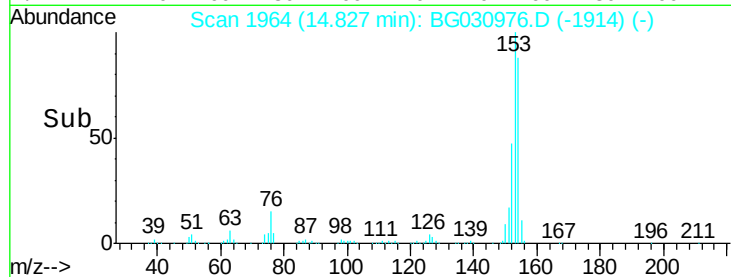
152 53.2 41.6 62.4



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: 14.51 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

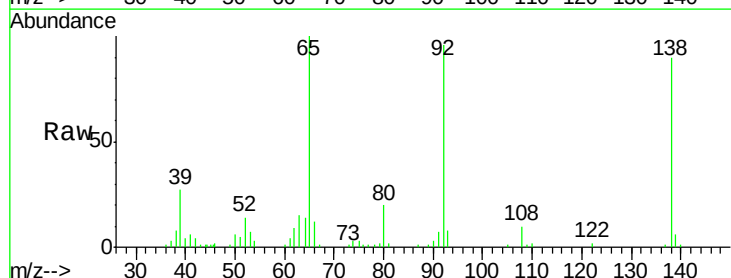
Tgt Ion:138 Resp: 37002

Ion Ratio Lower Upper

138 100

108 10.6 17.5 26.3#

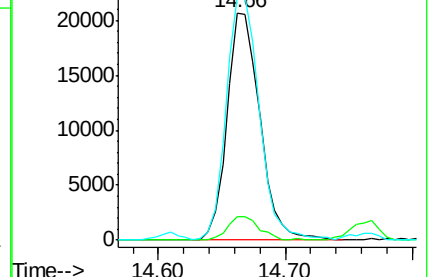
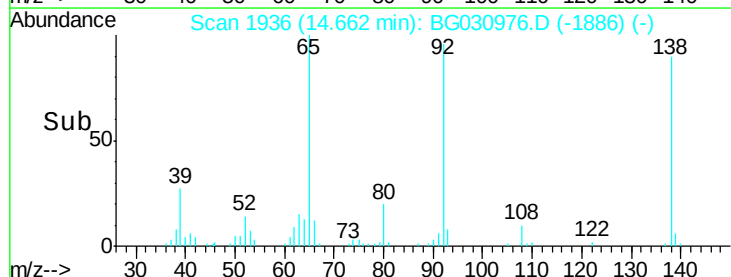
92 107.2 105.8 158.8

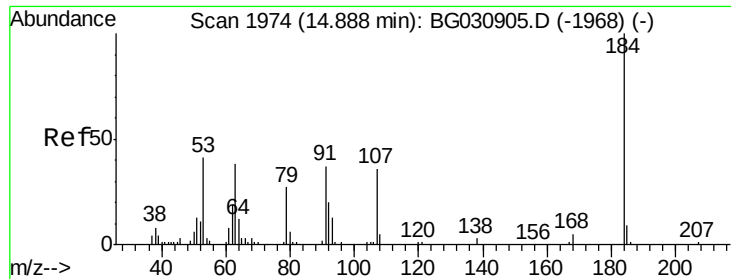


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

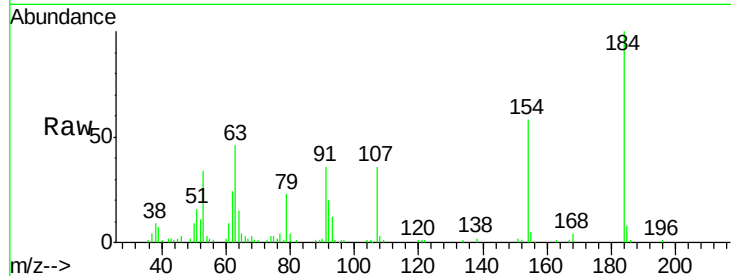




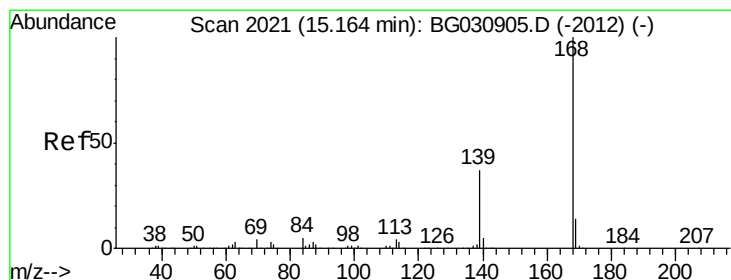
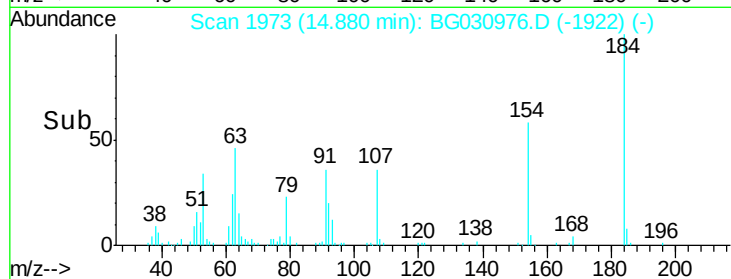
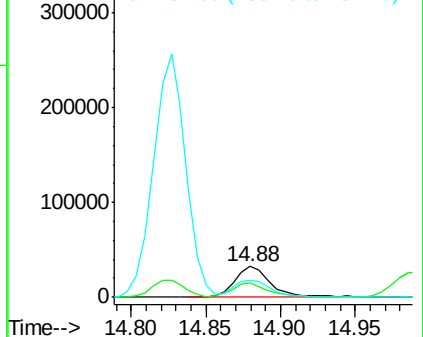
#53
 2,4-Dinitrophenol
 Concen: 44.12 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

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

Tgt Ion:184 Resp: 54552
 Ion Ratio Lower Upper
 184 100
 63 46.5 59.8 89.8#
 154 57.8 101.8 152.8#

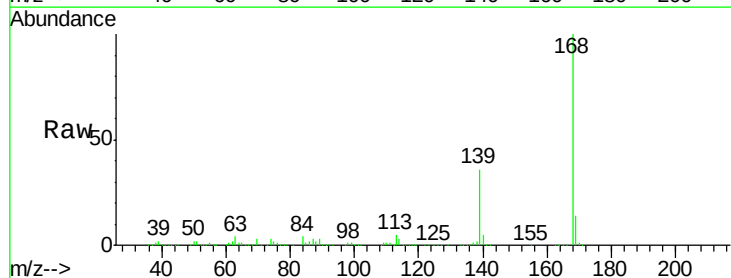


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

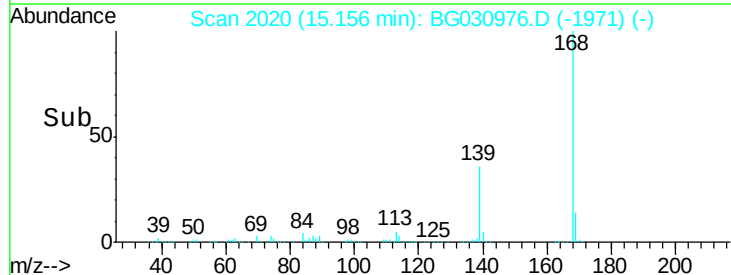
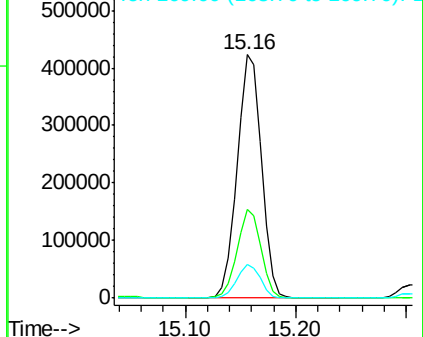


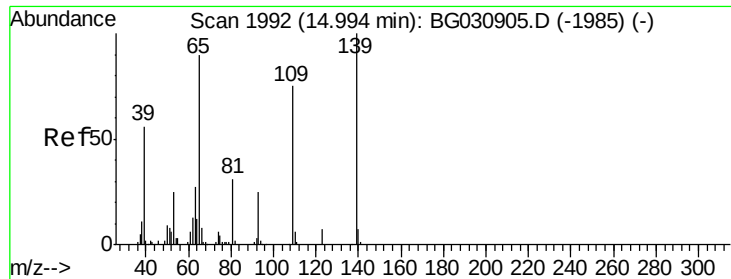
#54
 Dibenzofuran
 Concen: 49.87 ng
 RT: 15.16 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion:168 Resp: 654740
 Ion Ratio Lower Upper
 168 100
 139 36.4 28.6 43.0
 169 14.1 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

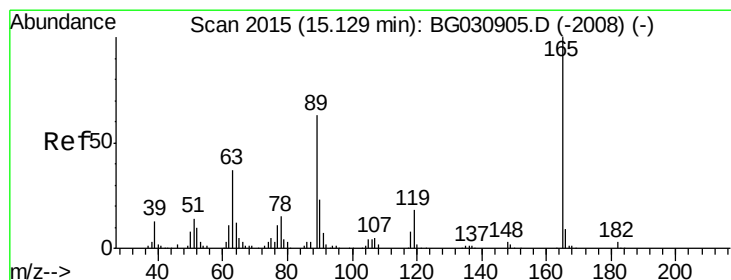
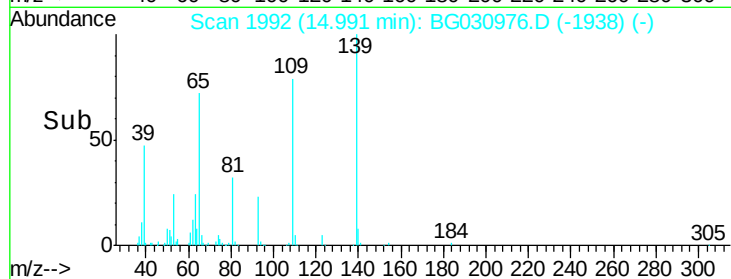
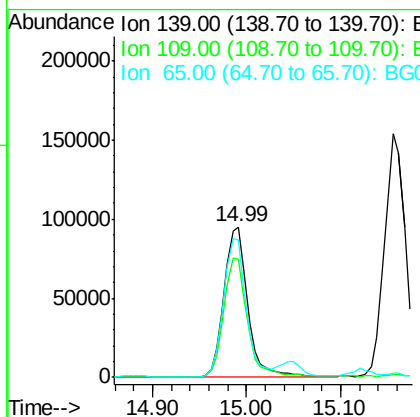
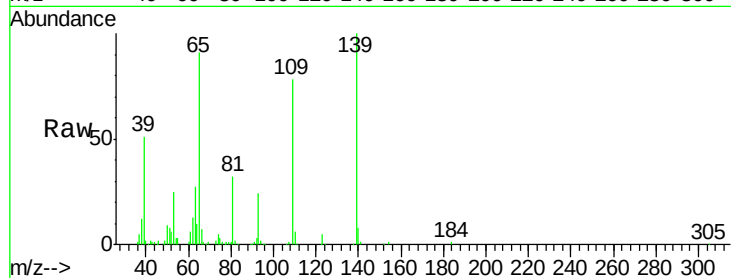




#55
4-Nitrophenol
Concen: 93.63 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

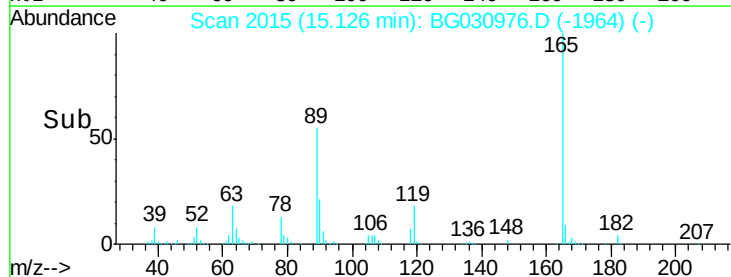
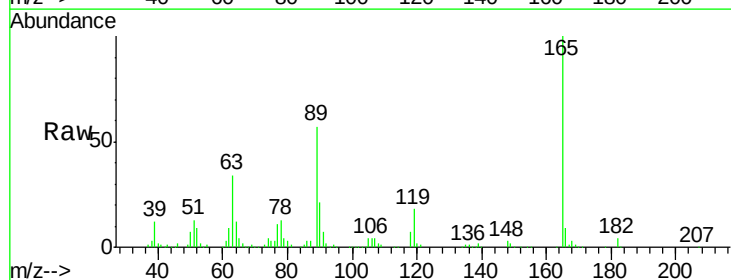
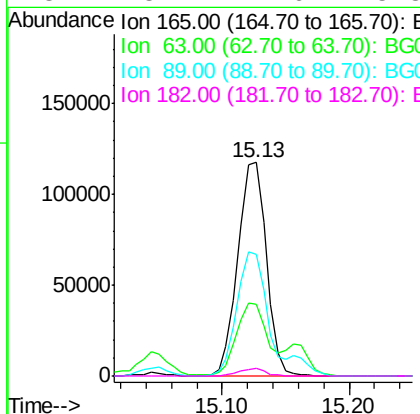
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

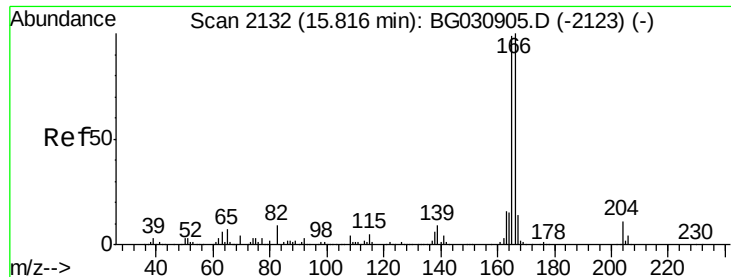
Tgt Ion:139 Resp: 170102
Ion Ratio Lower Upper
139 100
109 78.4 62.2 102.2
65 91.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 52.98 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:165 Resp: 183988
Ion Ratio Lower Upper
165 100
63 33.7 42.0 63.0#
89 56.8 66.9 100.3#
182 3.7 2.6 3.8





#57

Fluorene

Concen: 49.06 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

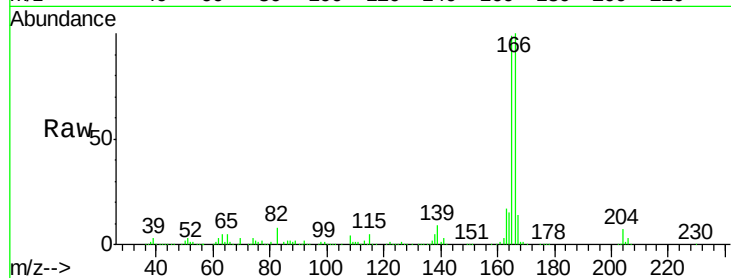
Tgt Ion:166 Resp: 522915

Ion Ratio Lower Upper

166 100

165 99.2 80.6 121.0

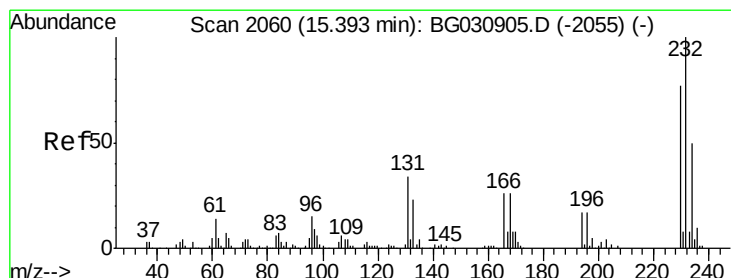
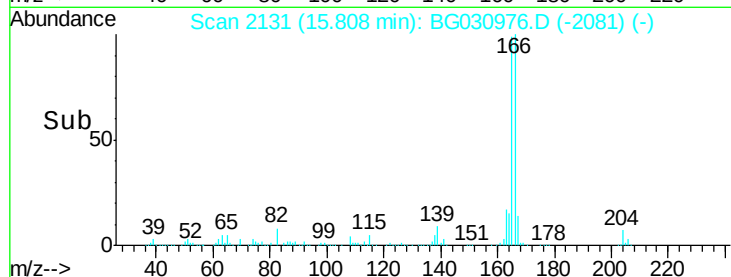
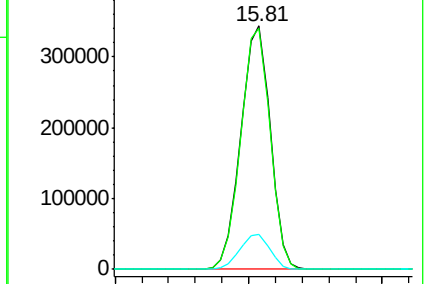
167 14.2 10.4 15.6



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: 59.99 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Tgt Ion:232 Resp: 191313

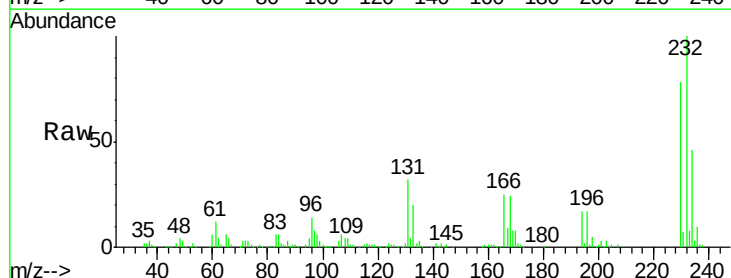
Ion Ratio Lower Upper

232 100

131 30.8 33.5 50.3#

130 1.9 2.2 3.2#

166 23.6 24.8 37.2#

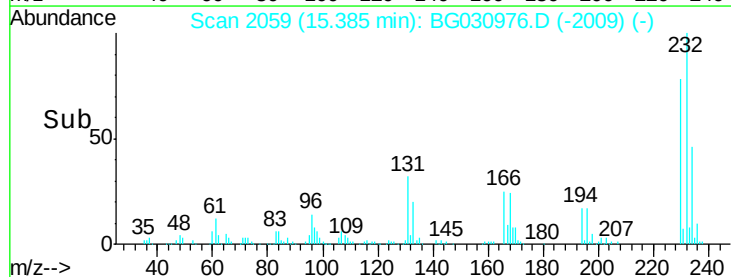
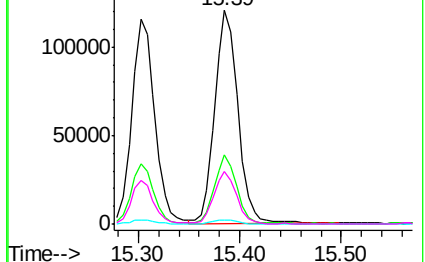


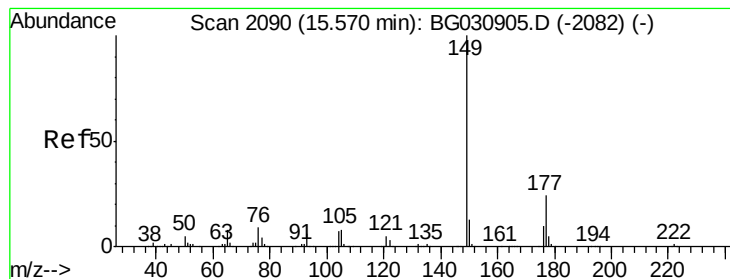
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.68 ng

RT: 15.56 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

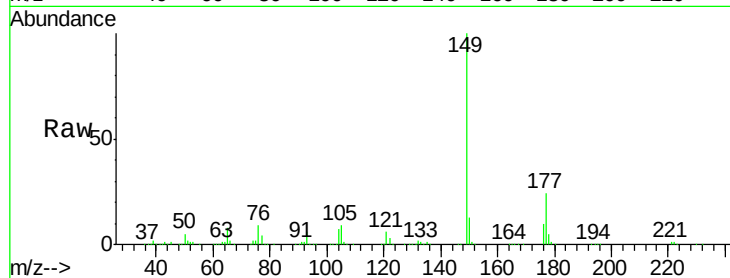
Tgt Ion:149 Resp: 564451

Ion Ratio Lower Upper

149 100

177 24.4 18.5 27.7

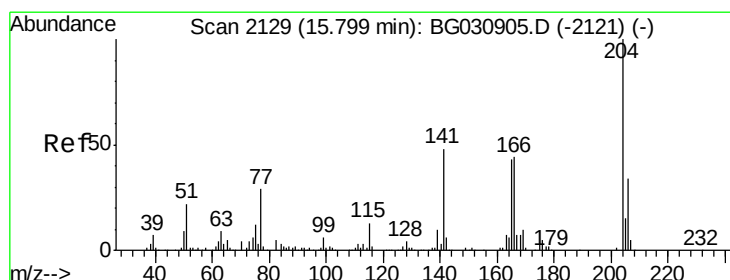
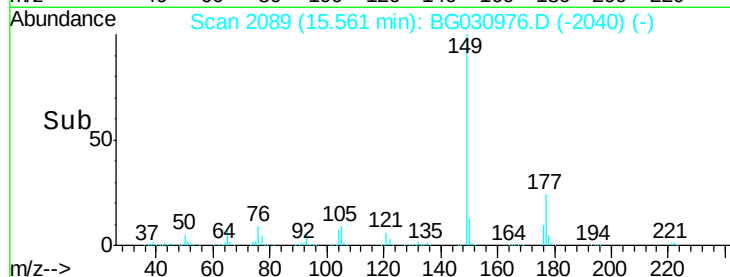
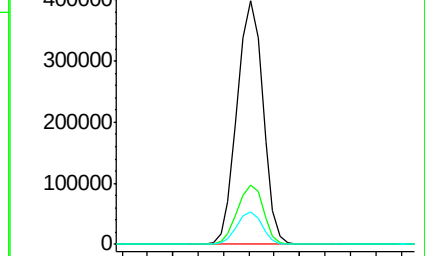
150 13.1 10.2 15.2



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: 49.72 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

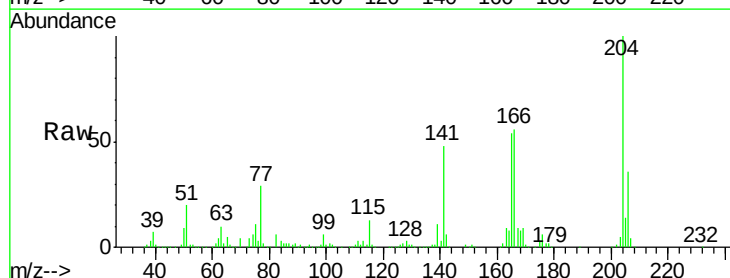
Tgt Ion:204 Resp: 320108

Ion Ratio Lower Upper

204 100

206 36.0 26.2 39.2

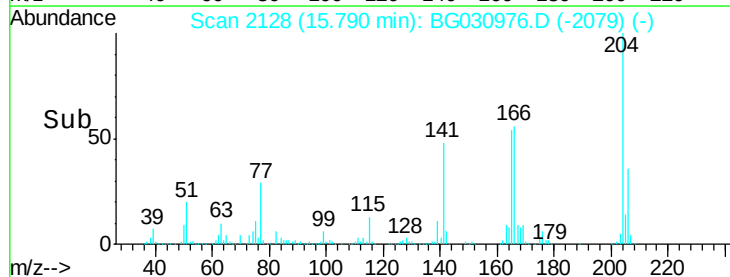
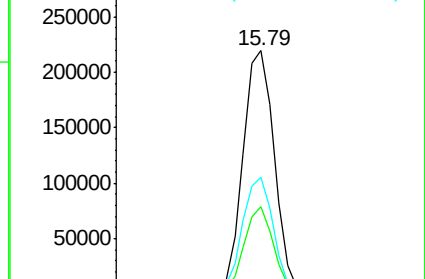
141 47.8 45.8 68.6

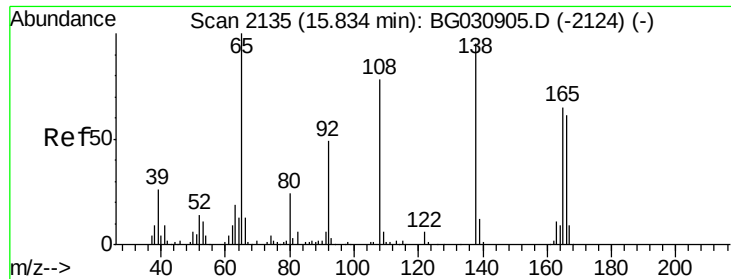


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

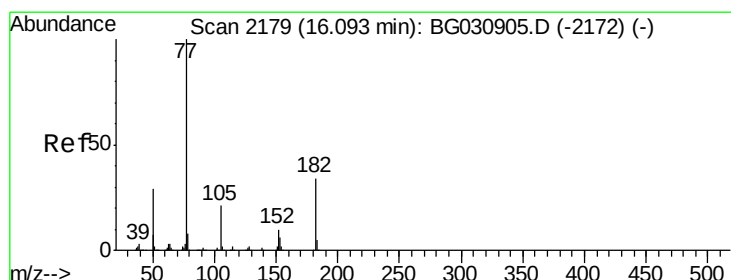
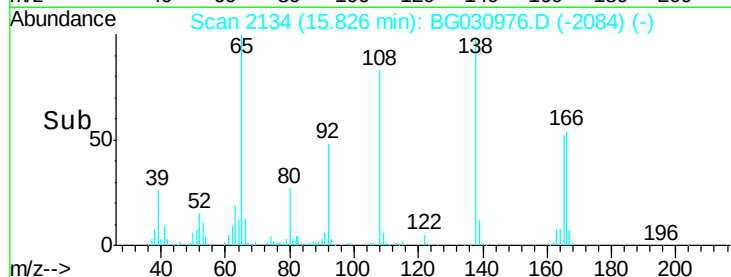
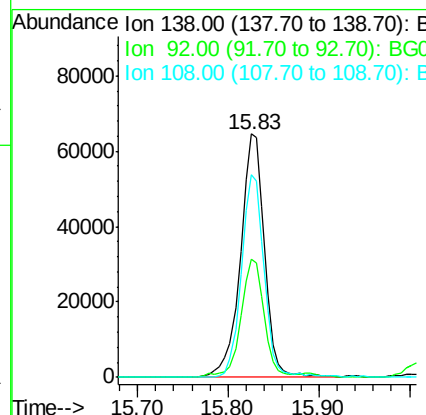
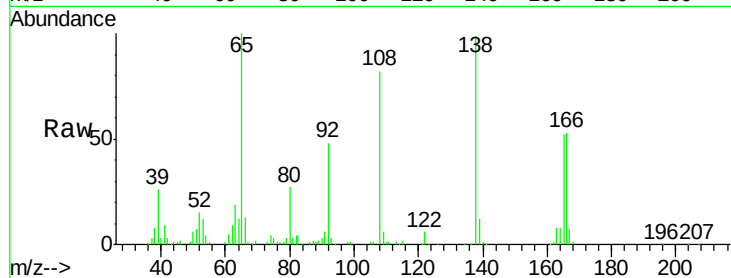




#61
4-Nitroaniline
Concen: 44.37 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

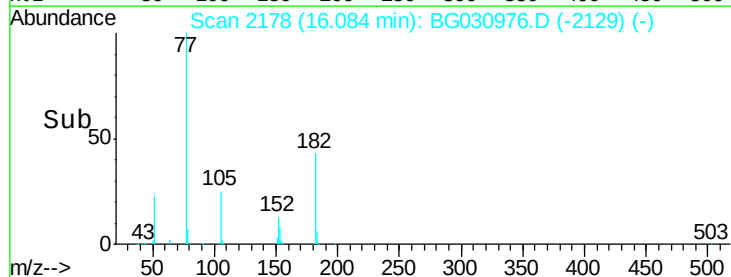
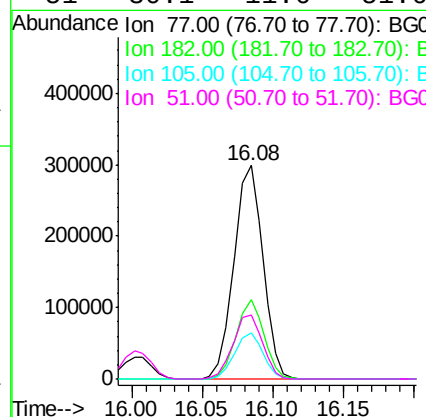
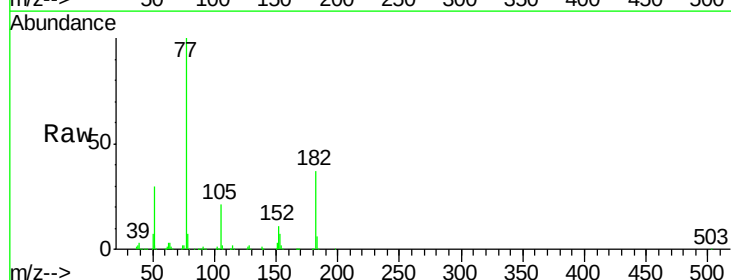
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

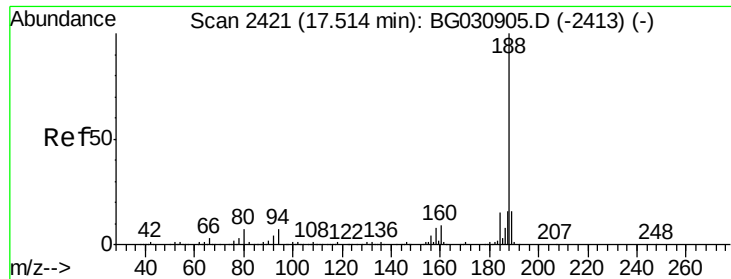
Tgt Ion:138 Resp: 119828
Ion Ratio Lower Upper
138 100
92 48.8 40.1 80.1
108 83.5 65.4 105.4



#62
Azobenzene
Concen: 47.46 ng
RT: 16.08 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion: 77 Resp: 428470
Ion Ratio Lower Upper
77 100
182 37.1 7.4 47.4
105 21.4 0.3 40.3
51 30.1 11.6 51.6

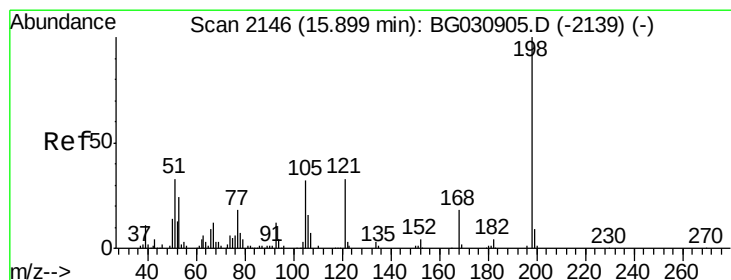
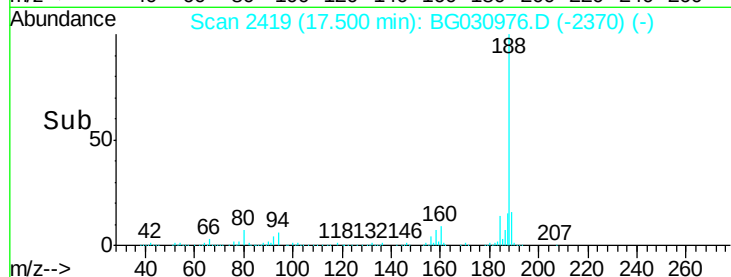
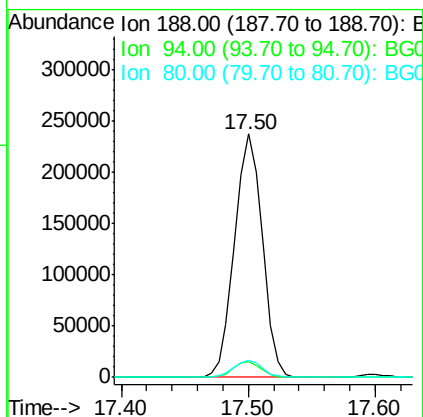
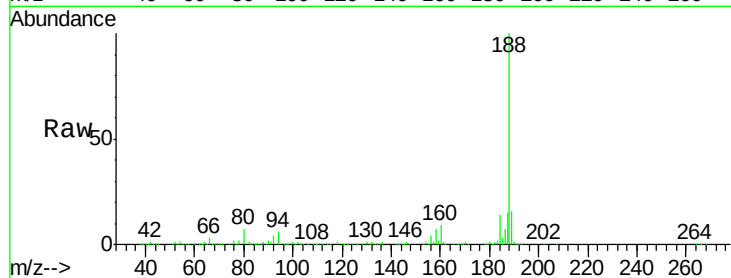




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

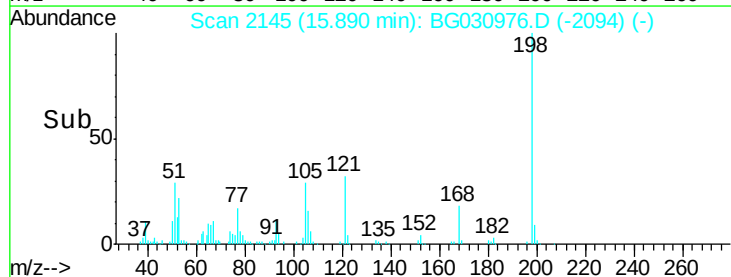
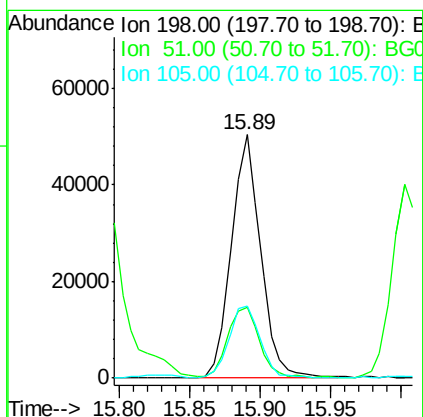
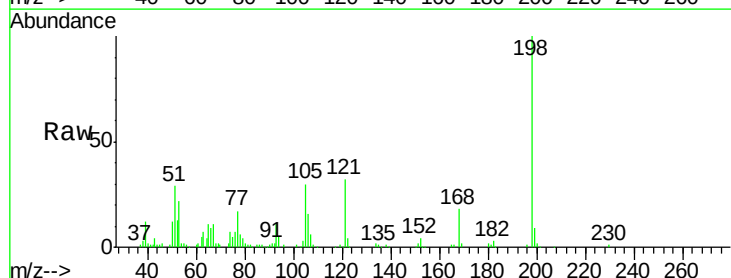
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

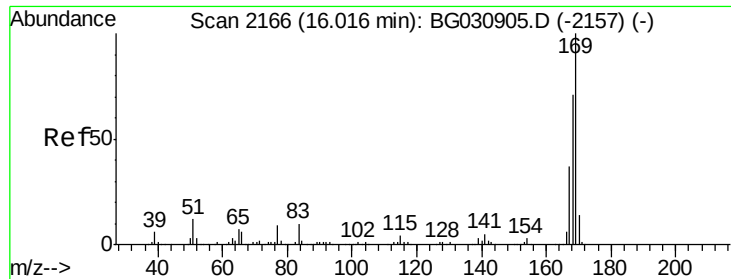
Tgt Ion:188 Resp: 359622
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 6.9 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 30.58 ng
RT: 15.89 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:198 Resp: 73091
Ion Ratio Lower Upper
198 100
51 29.0 30.6 70.6#
105 29.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 45.16 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

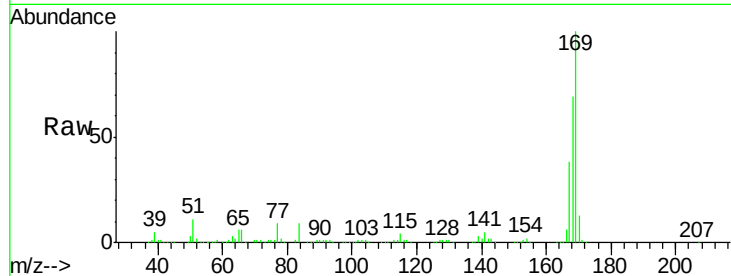
Tgt Ion:169 Resp: 492112

Ion Ratio Lower Upper

169 100

168 68.7 55.7 83.5

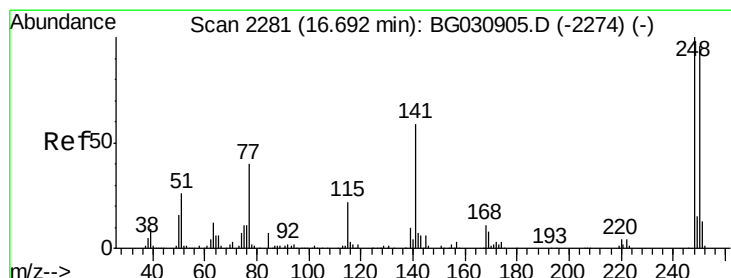
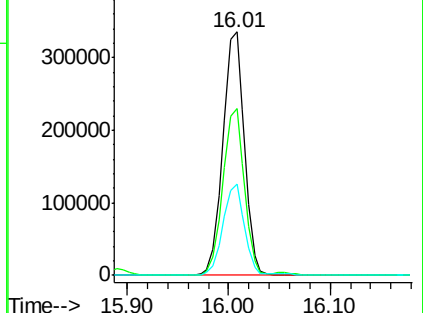
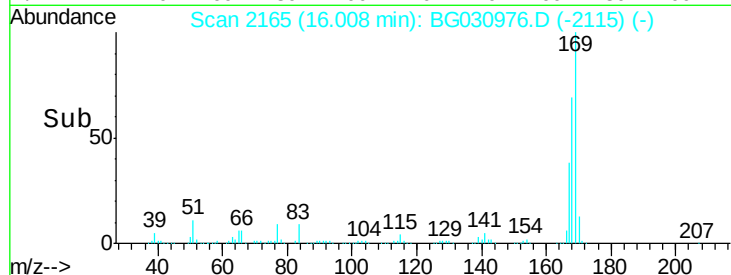
167 37.7 30.1 45.1



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: 51.65 ng

RT: 16.68 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

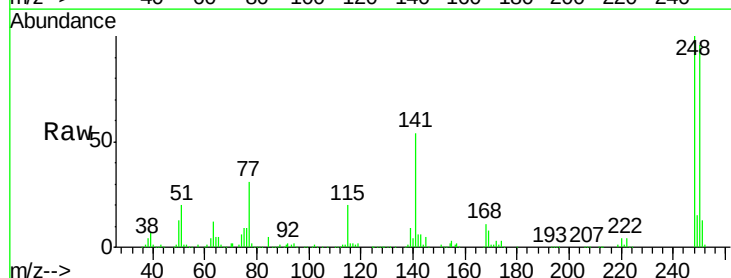
Tgt Ion:248 Resp: 235253

Ion Ratio Lower Upper

248 100

250 95.5 77.1 115.7

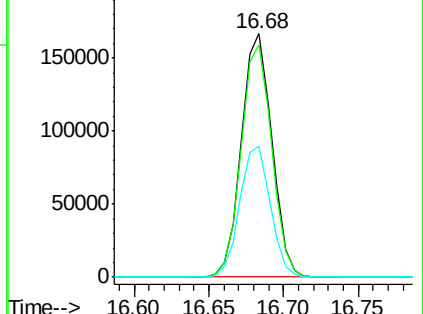
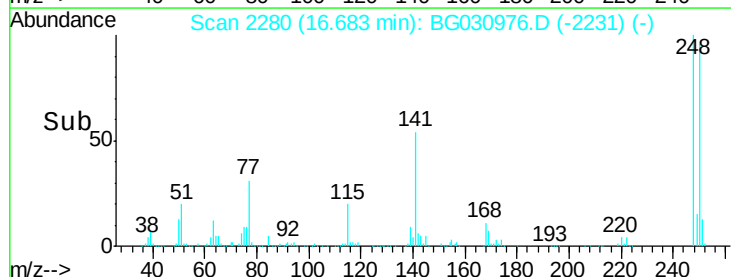
141 54.0 50.8 76.2

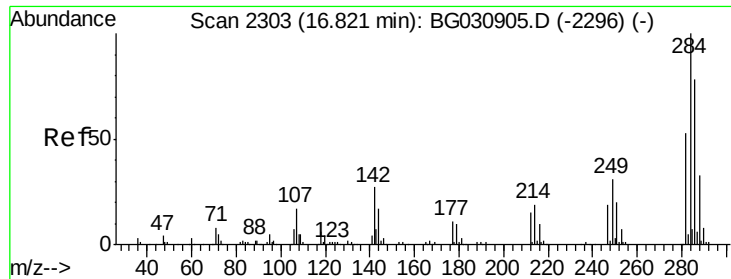


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 51.58 ng

RT: 16.81 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

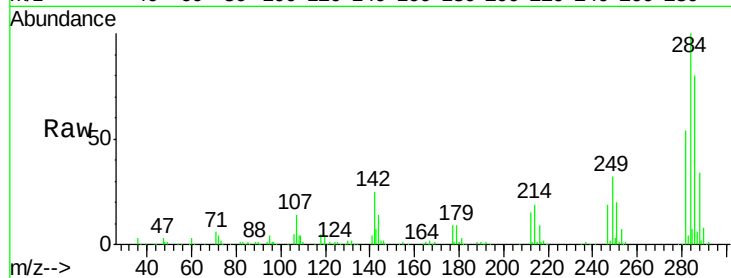
Tgt Ion:284 Resp: 249645

Ion Ratio Lower Upper

284 100

142 24.5 26.8 40.2#

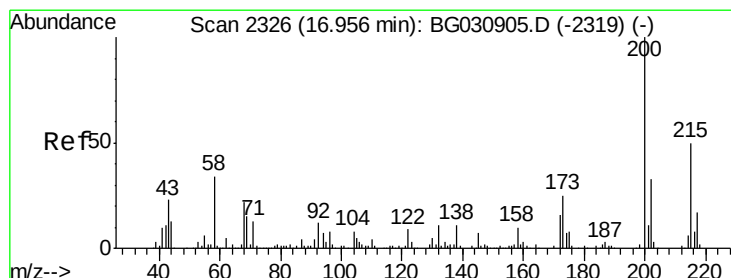
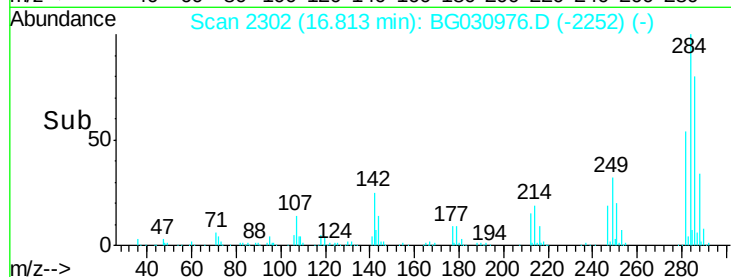
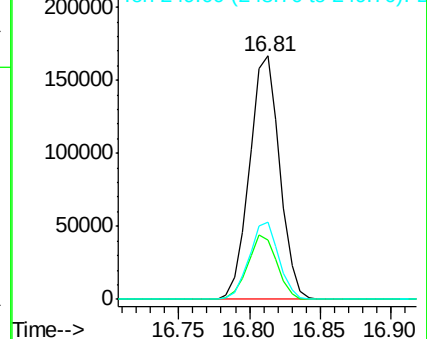
249 31.9 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.58 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

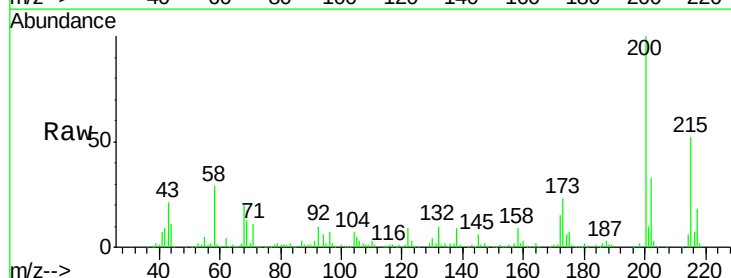
Tgt Ion:200 Resp: 218439

Ion Ratio Lower Upper

200 100

173 23.3 5.2 45.2

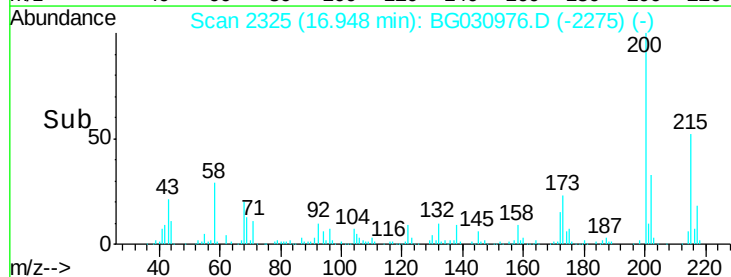
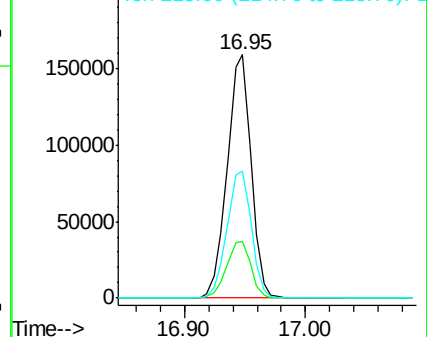
215 52.3 30.4 70.4

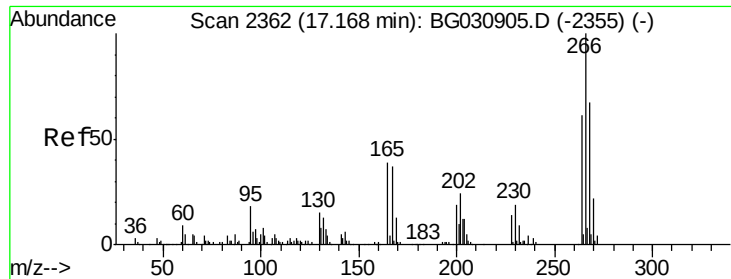


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

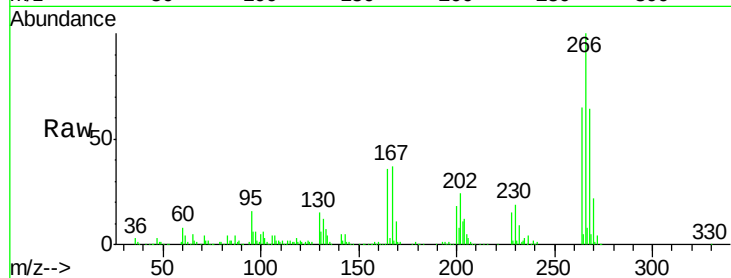




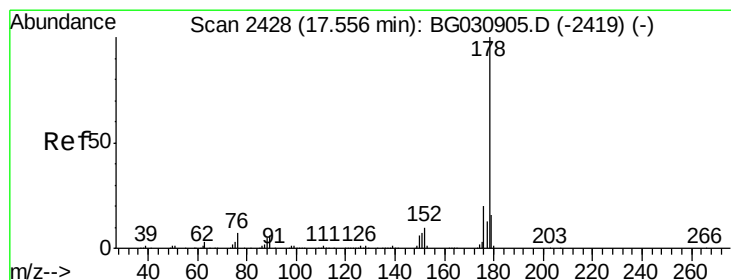
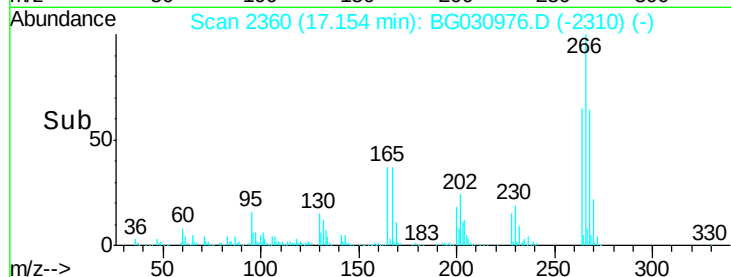
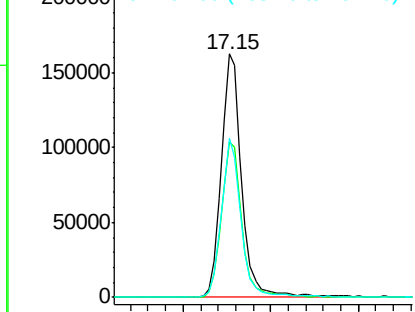
#69
 Pentachlorophenol
 Concen: 97.89 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

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

Tgt Ion:266 Resp: 261888
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 65.3 49.6 74.4

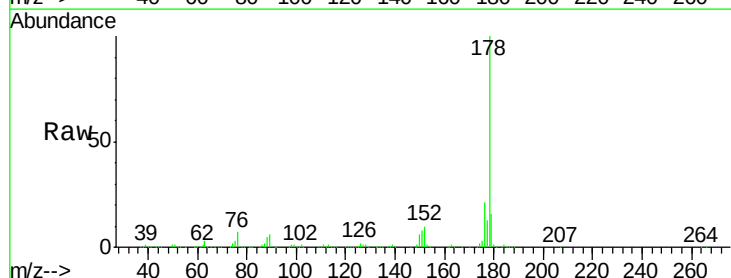


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

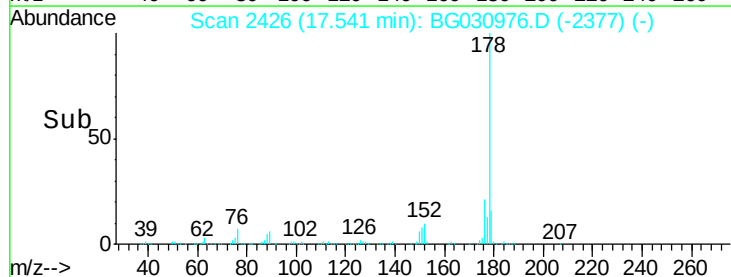
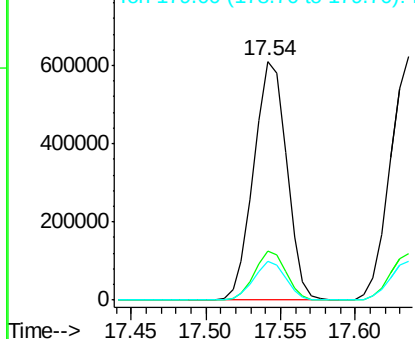


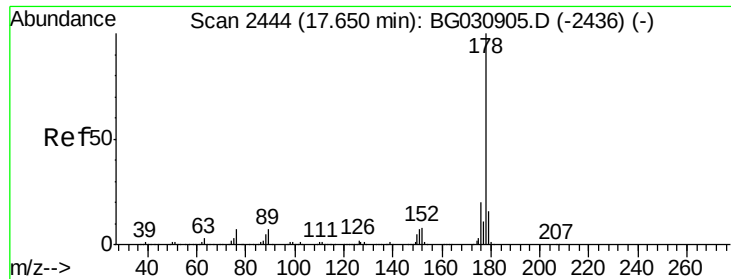
#70
 Phenanthrene
 Concen: 49.63 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion:178 Resp: 929313
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.7 23.5
 179 16.3 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

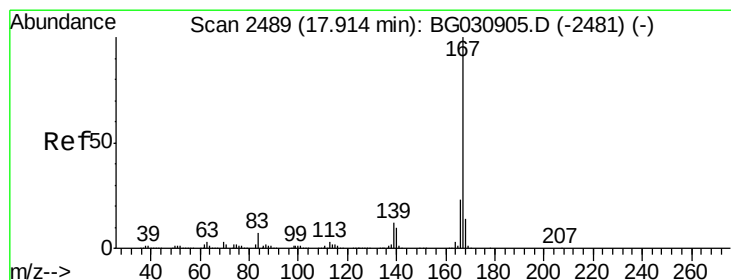
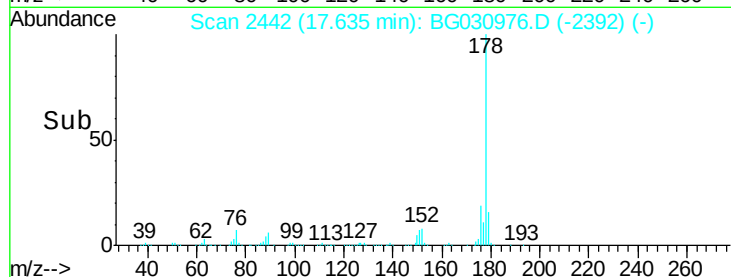
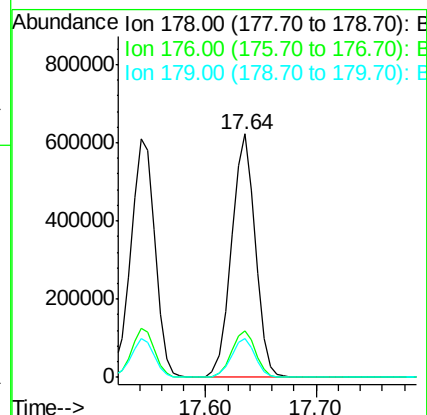
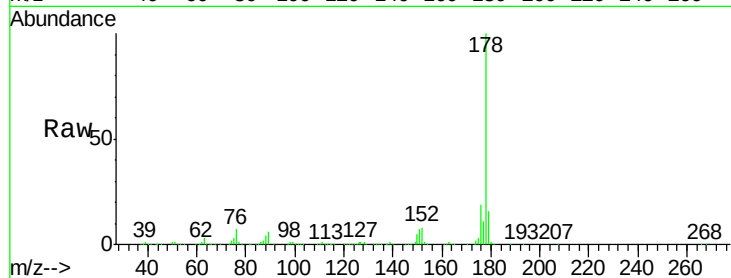




#71
 Anthracene
 Concen: 49.84 ng
 RT: 17.64 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

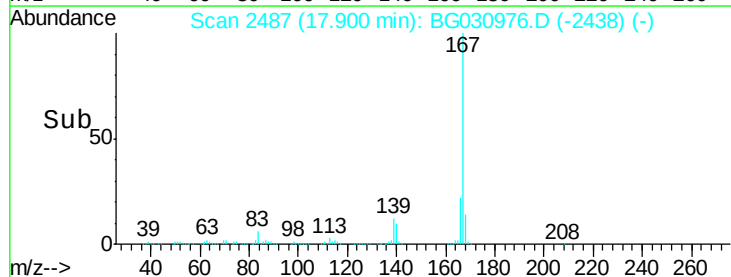
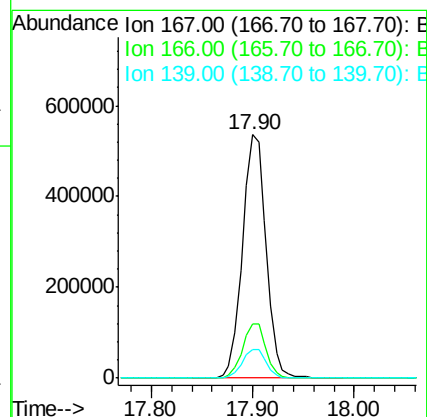
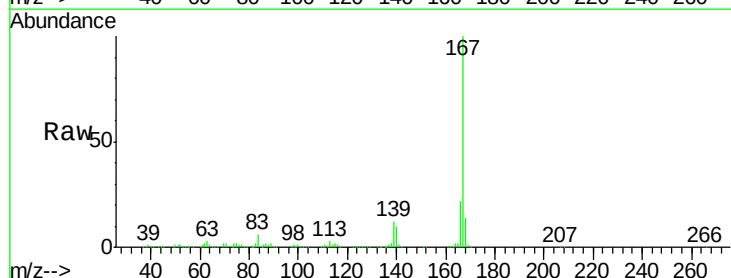
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

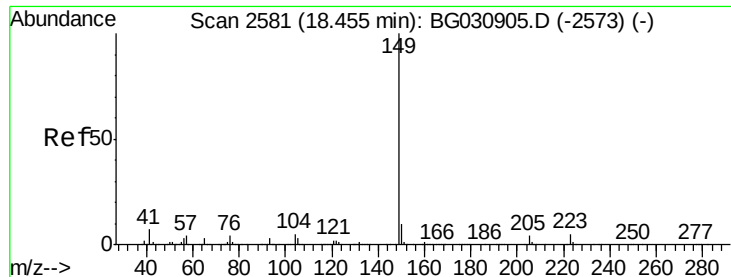
Tgt Ion:178 Resp: 935008
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 49.26 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion:167 Resp: 866029
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 11.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.16 ng

RT: 18.44 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

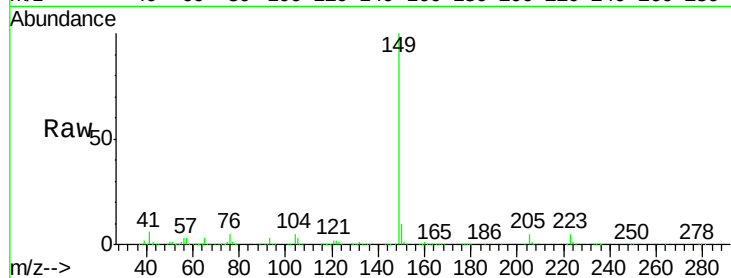
Tgt Ion:149 Resp: 996441

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

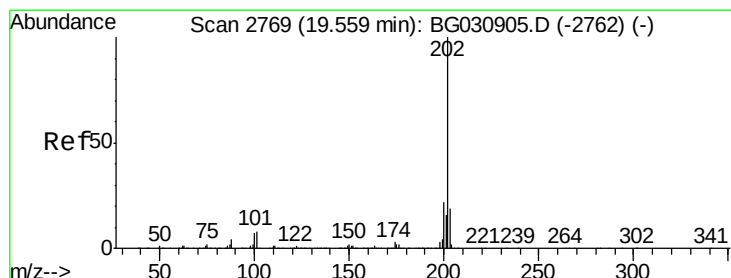
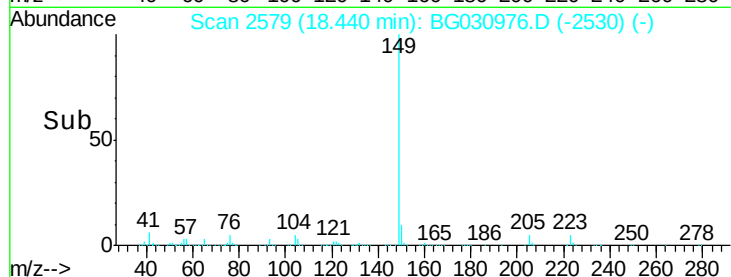
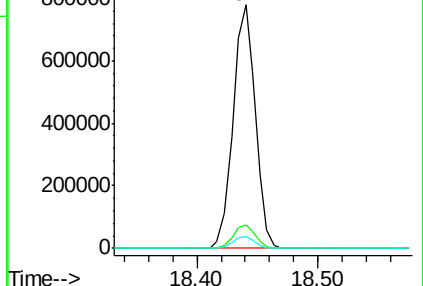
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 53.34 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

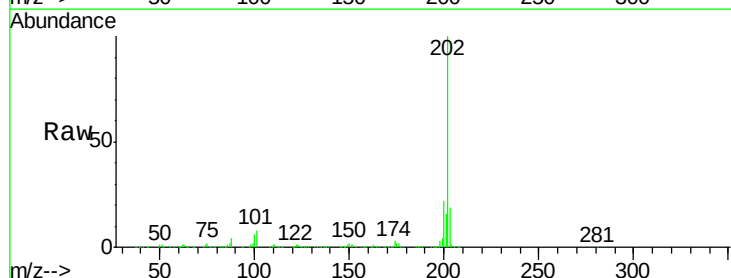
Tgt Ion:202 Resp: 1264653

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.9

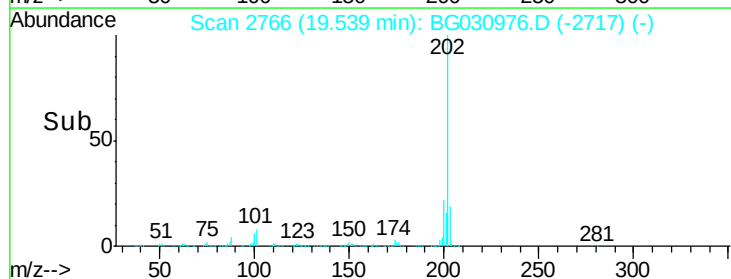
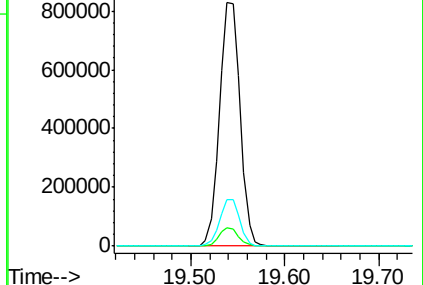
203 19.1 0.0 37.5

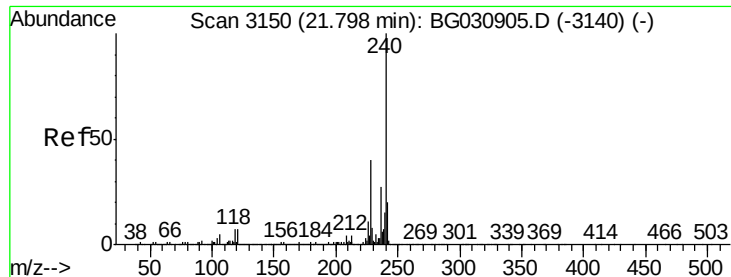


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

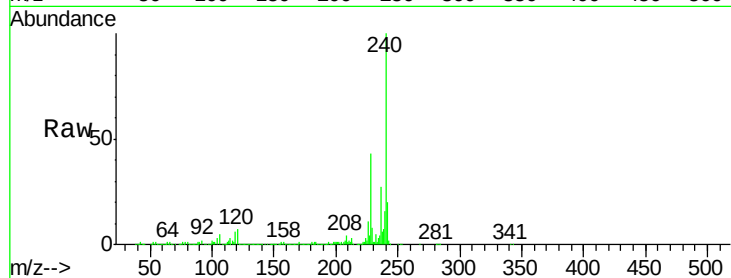
Tgt Ion:240 Resp: 449954

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

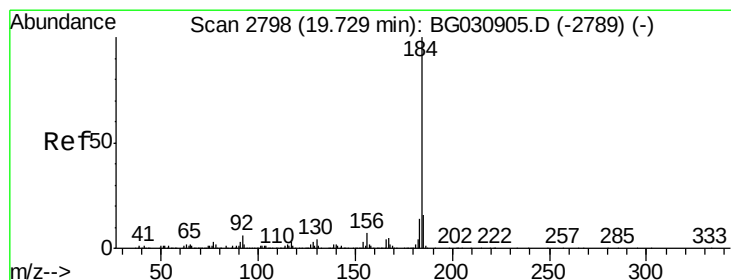
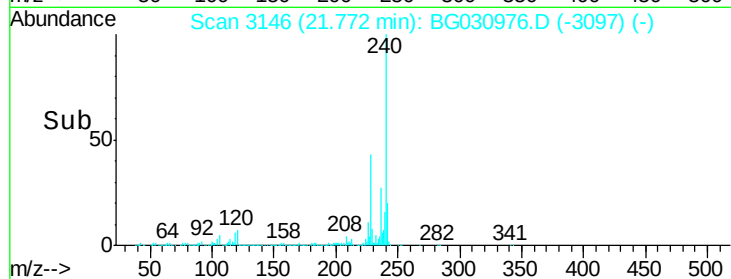
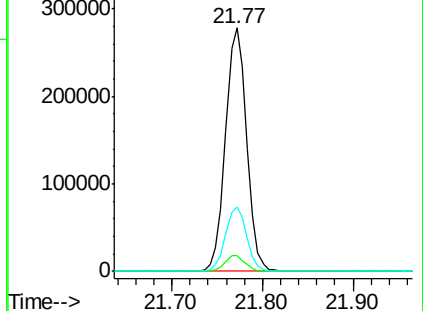
236 26.5 20.9 31.3



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: 9.46 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

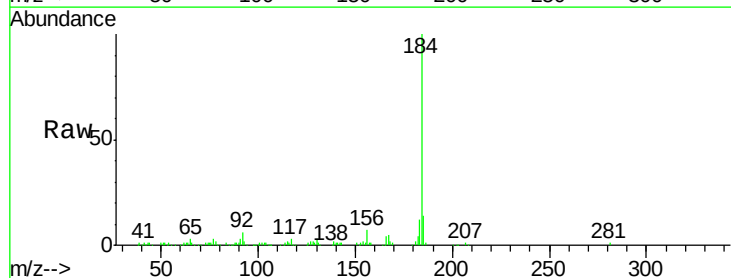
Tgt Ion:184 Resp: 136791

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

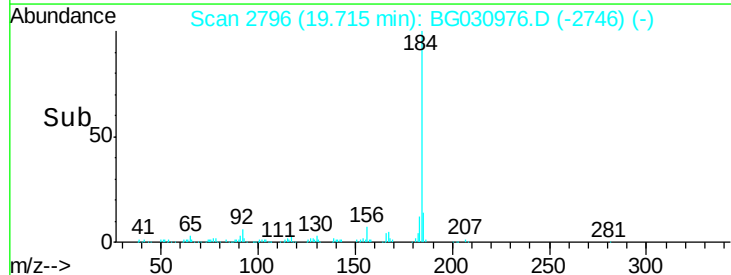
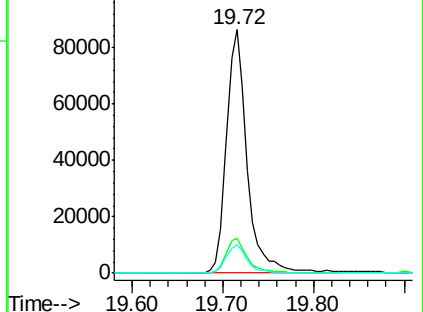
183 11.6 10.6 16.0

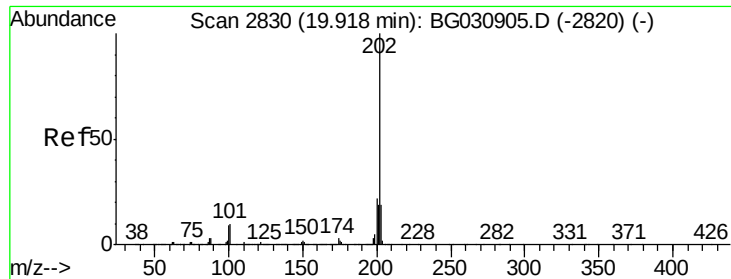


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

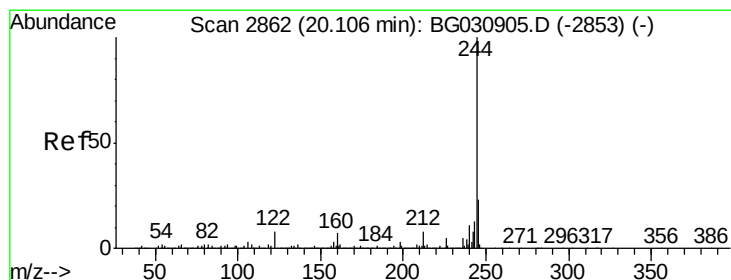
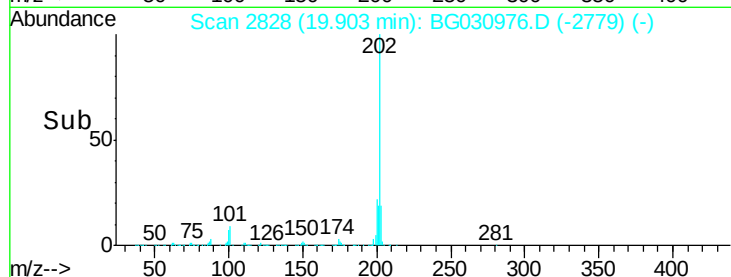
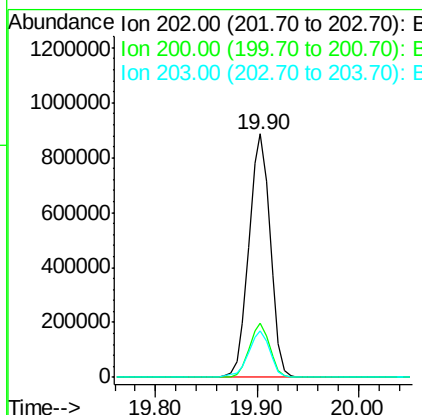
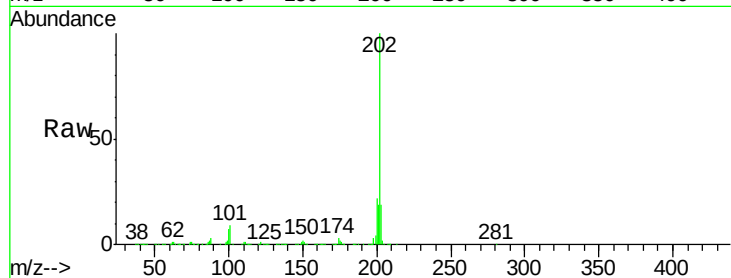




#77
 Pyrene
 Concen: 48.37 ng
 RT: 19.90 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

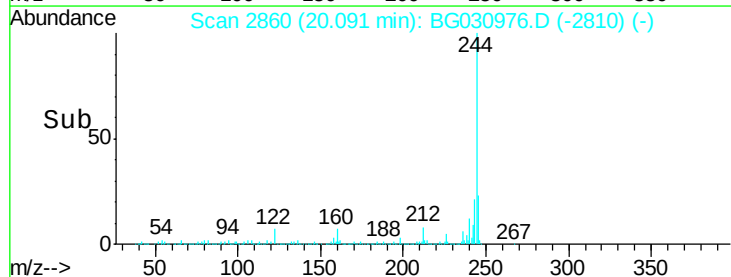
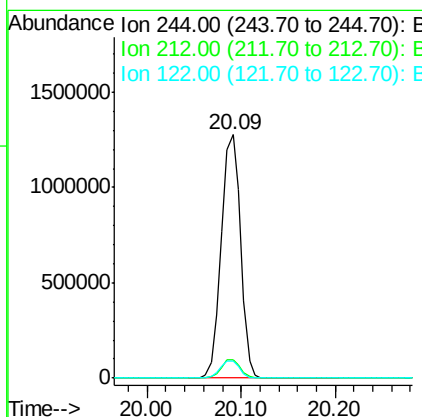
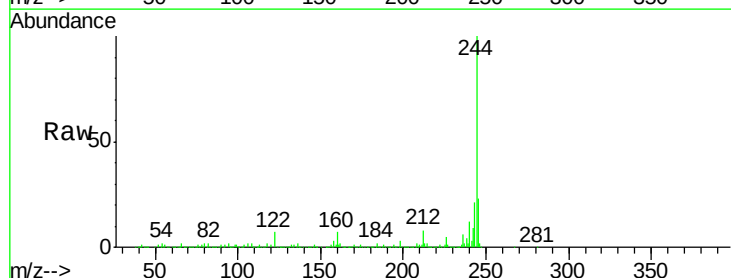
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

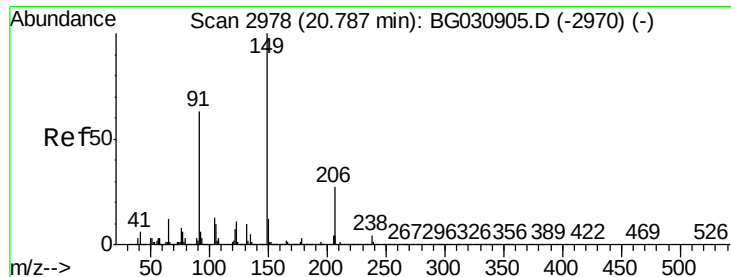
Tgt Ion: 202 Resp: 1291394
 Ion Ratio Lower Upper
 202 100
 200 22.1 16.9 25.3
 203 18.9 13.9 20.9



#78
 Terphenyl-d14
 Concen: 89.93 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG030976.D
 Acq: 13 Nov 2017 17:02

Tgt Ion: 244 Resp: 1832479
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 7.2 7.0 10.4





#79

Butylbenzylphthalate

Concen: 46.18 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

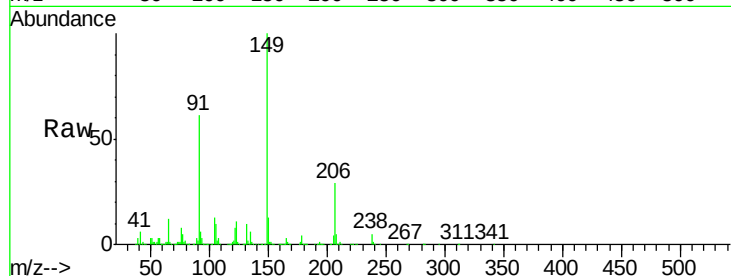
Tgt Ion:149 Resp: 491589

Ion Ratio Lower Upper

149 100

91 61.4 62.2 93.2#

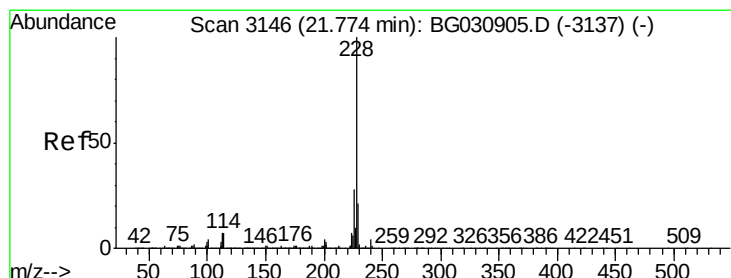
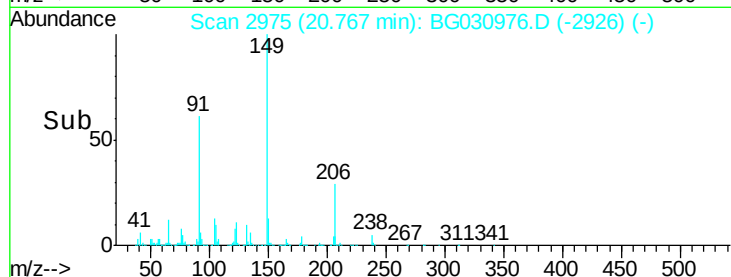
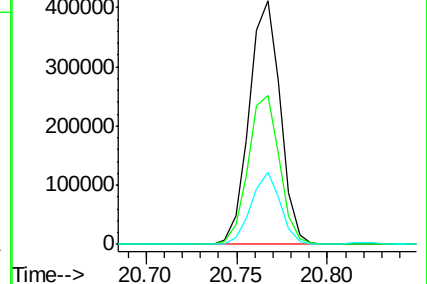
206 29.4 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.03 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

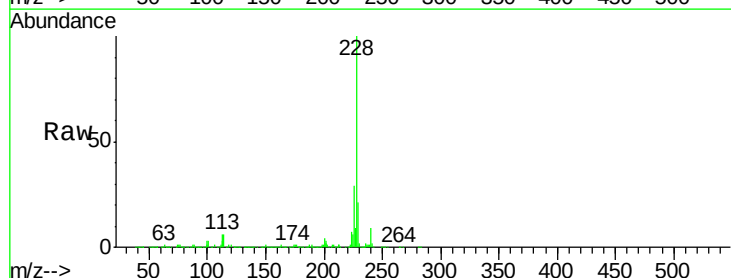
Tgt Ion:228 Resp: 1370216

Ion Ratio Lower Upper

228 100

226 28.6 22.7 34.1

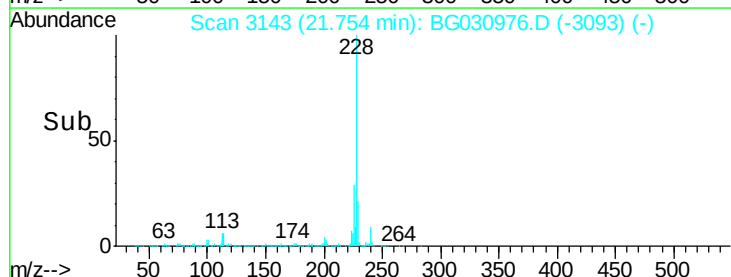
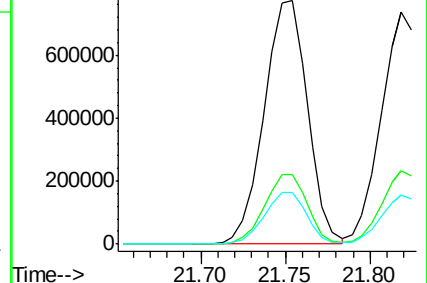
229 21.1 16.2 24.2

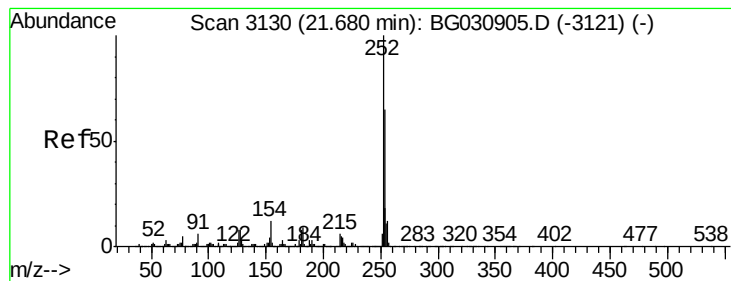


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 15.72 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

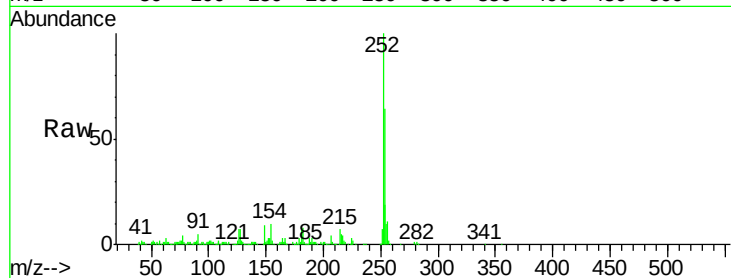
Tgt Ion:252 Resp: 177387

Ion Ratio Lower Upper

252 100

254 64.2 50.8 76.2

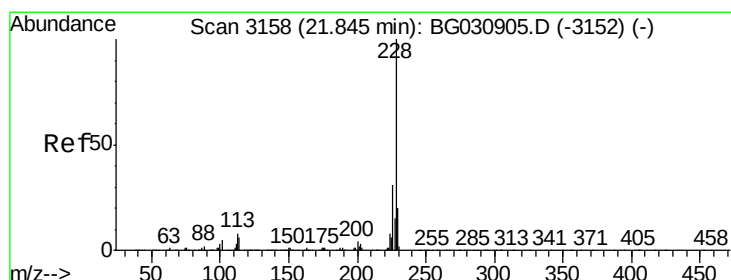
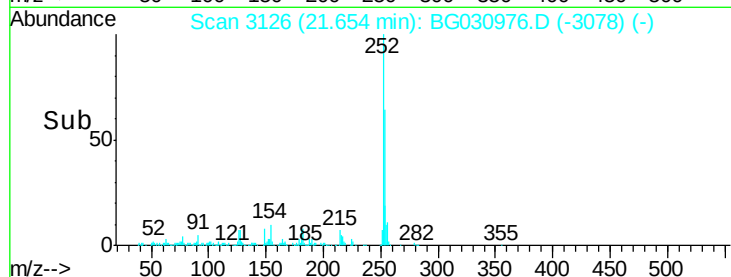
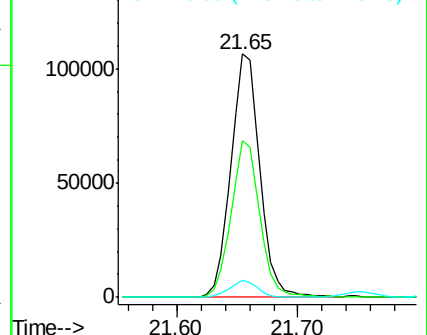
126 6.8 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 49.50 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

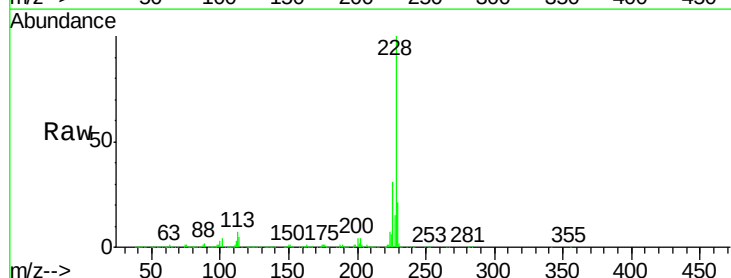
Tgt Ion:228 Resp: 1279730

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

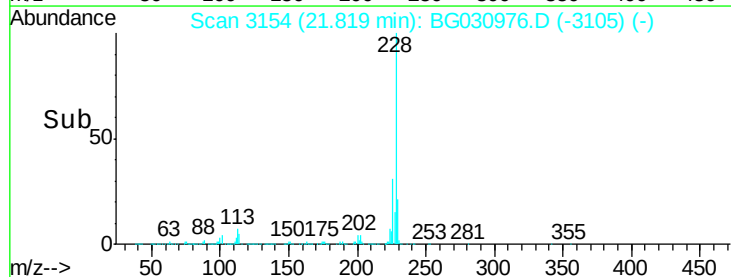
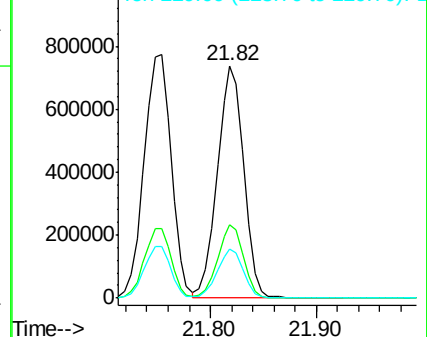
229 21.3 15.0 22.4

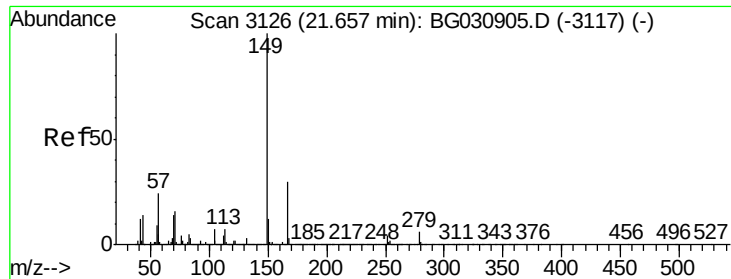


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.38 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

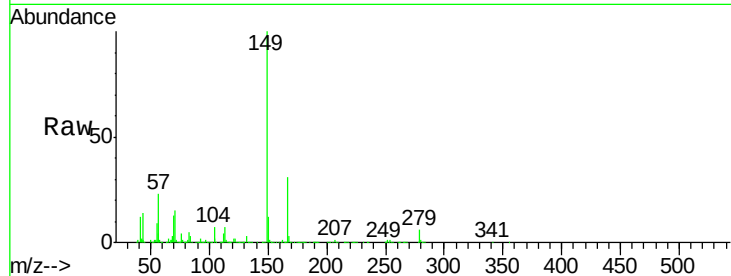
Tgt Ion:149 Resp: 682027

Ion Ratio Lower Upper

149 100

167 30.9 24.3 36.5

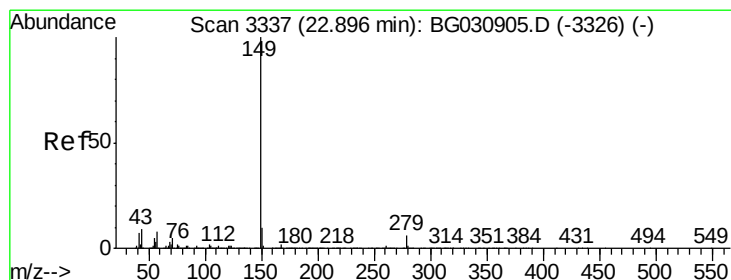
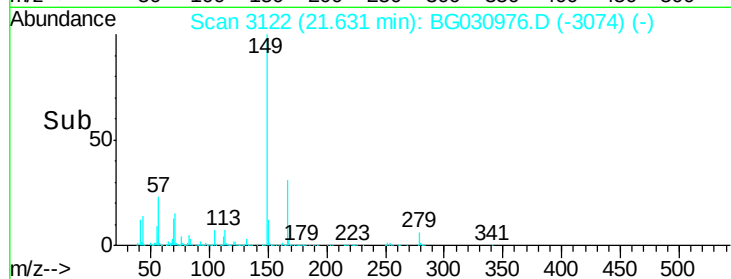
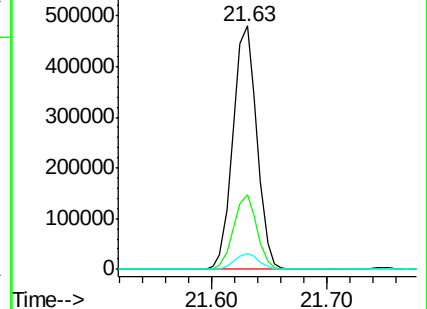
279 6.4 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.70 ng

RT: 22.86 min Scan# 3331

Delta R.T. -0.03 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

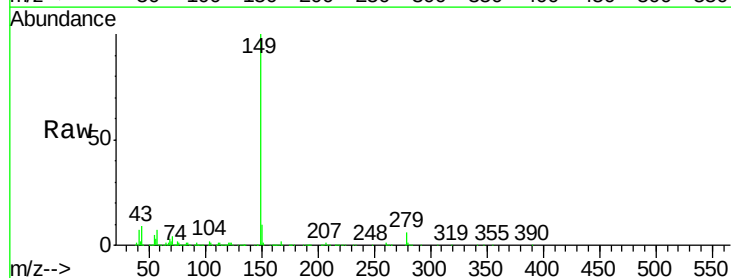
Tgt Ion:149 Resp: 1143142

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

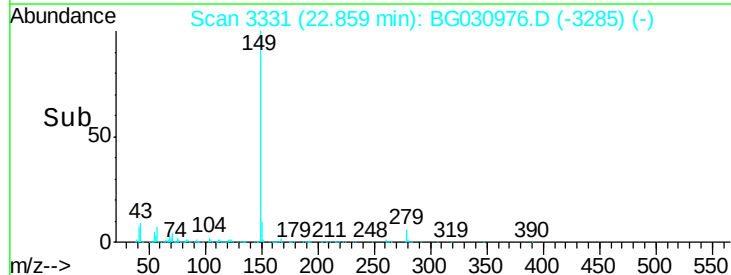
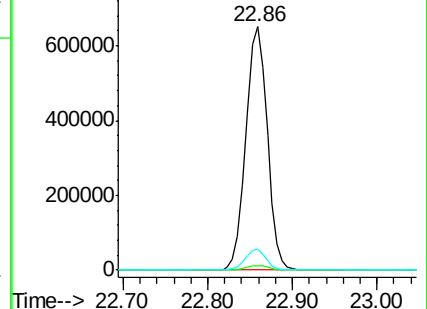
43 8.4 8.9 13.3#

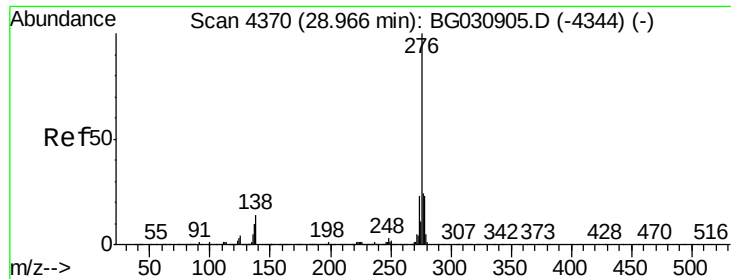


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.50 ng

RT: 28.88 min Scan# 4355

Delta R.T. -0.01 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

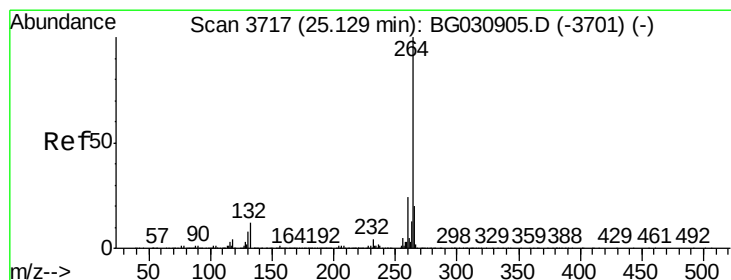
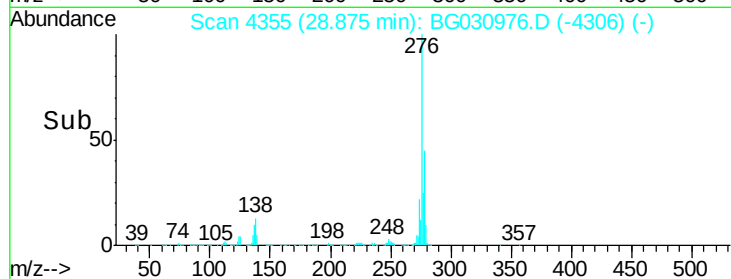
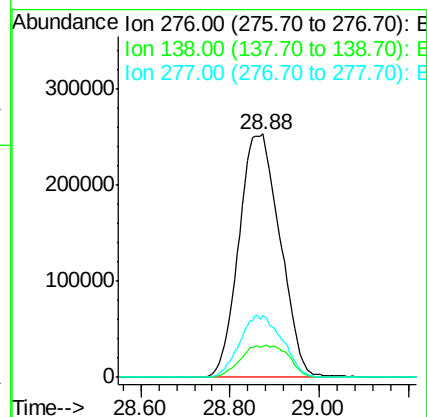
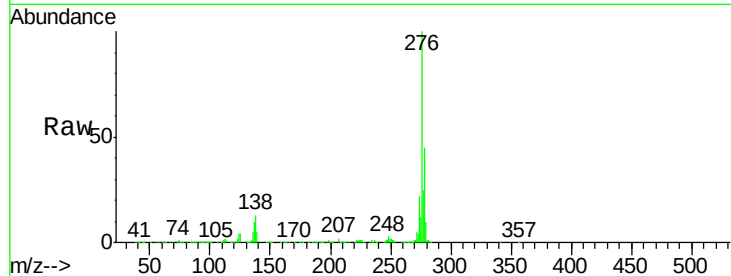
Tgt Ion:276 Resp: 1618604

Ion Ratio Lower Upper

276 100

138 6.9 16.0 24.0#

277 26.3 20.0 30.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

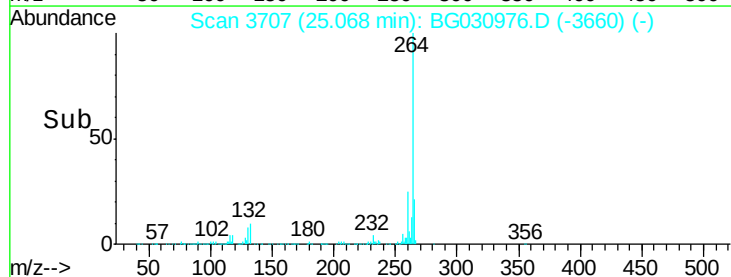
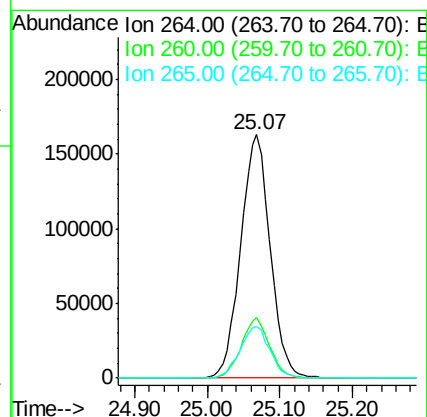
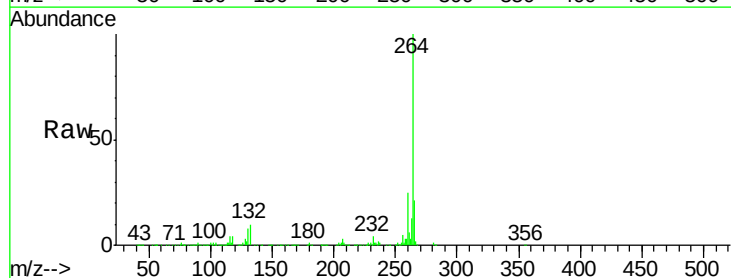
Tgt Ion:264 Resp: 458706

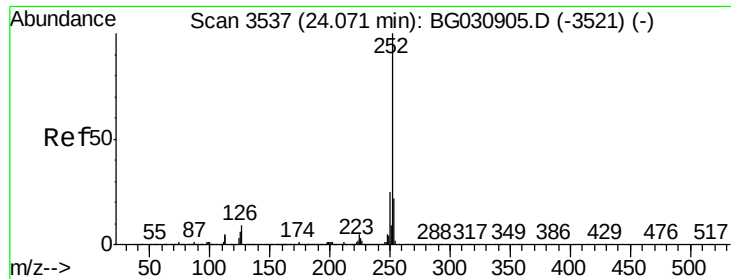
Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 21.0 17.7 26.5

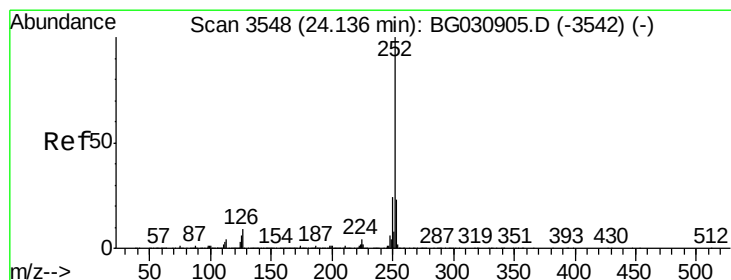
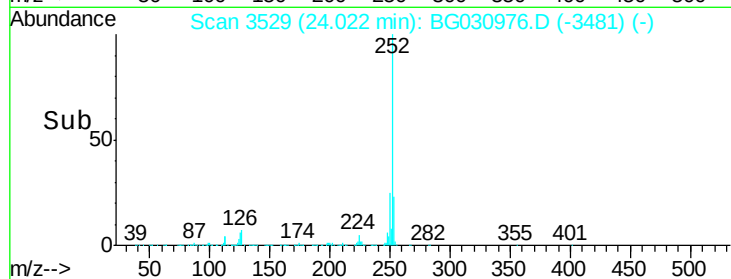
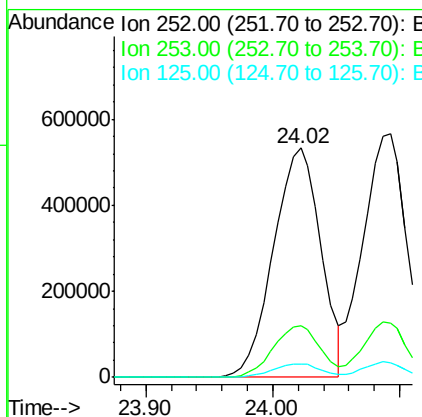
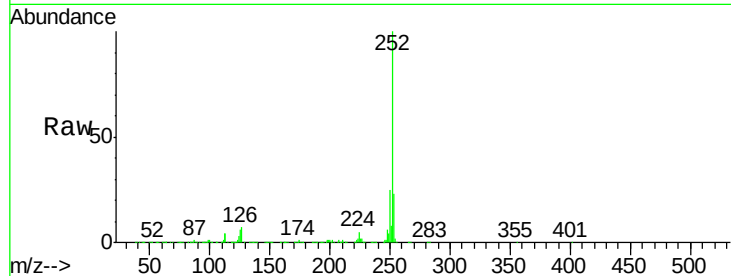




#87
Benzo(b)fluoranthene
Concen: 49.92 ng
RT: 24.02 min Scan# 3529
Delta R.T. -0.02 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

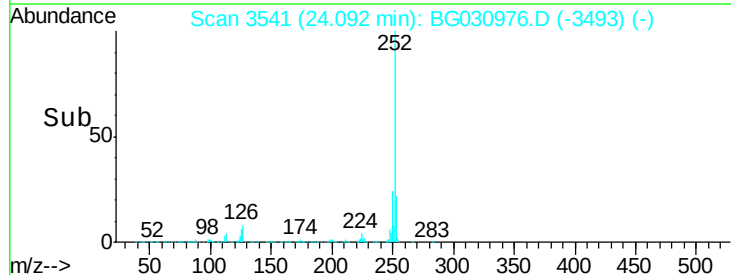
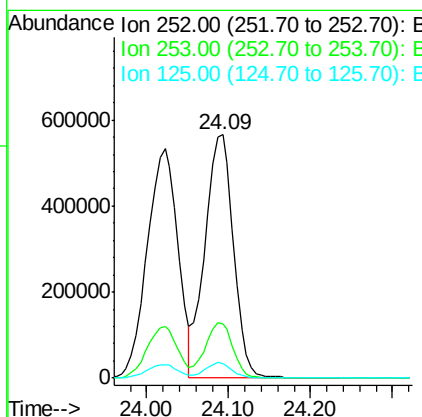
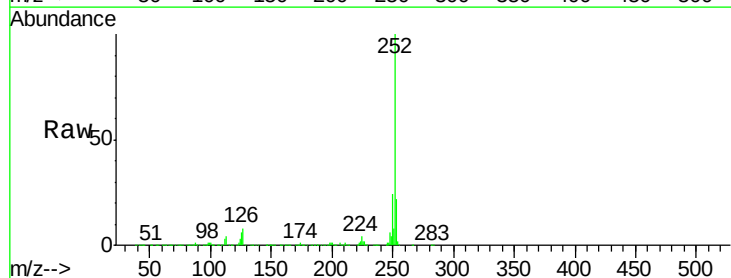
Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

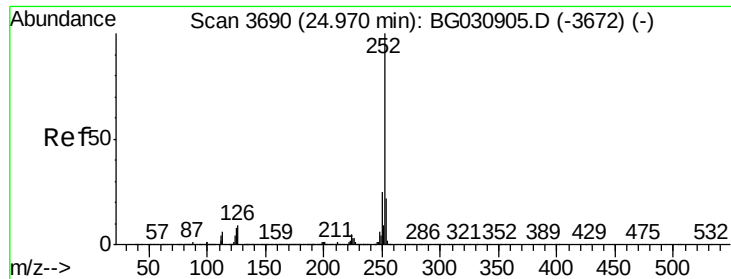
Tgt Ion:252 Resp: 1385261
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 5.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 49.67 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG030976.D
Acq: 13 Nov 2017 17:02

Tgt Ion:252 Resp: 1366182
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 5.8 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.66 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

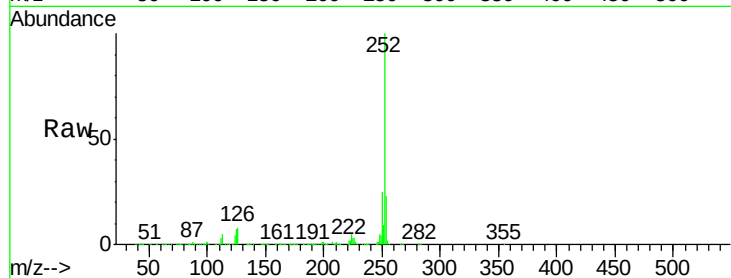
Tgt Ion:252 Resp: 1335252

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

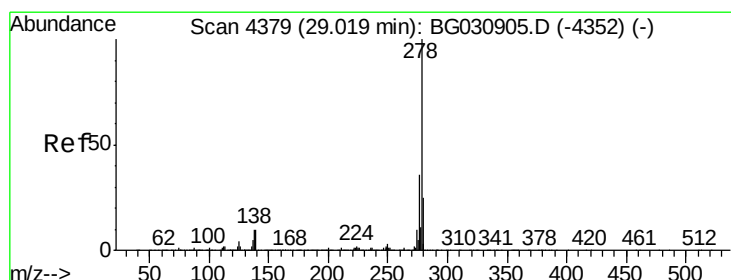
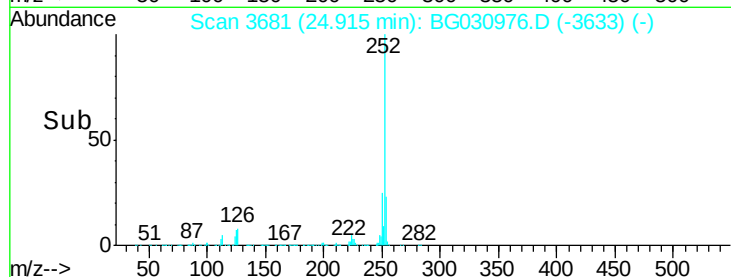
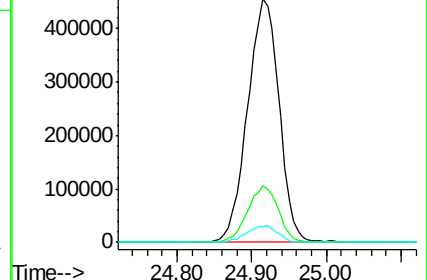
125 6.6 7.3 10.9#



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: 50.10 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

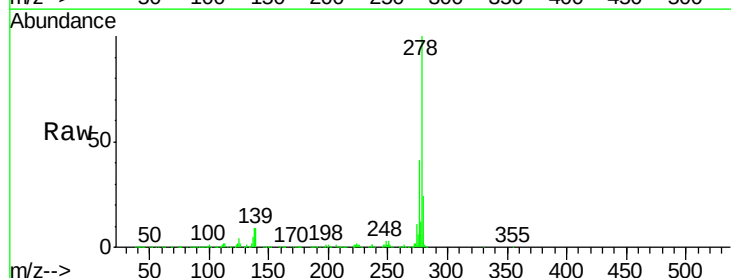
Tgt Ion:278 Resp: 1349737

Ion Ratio Lower Upper

278 100

139 9.4 9.8 14.6#

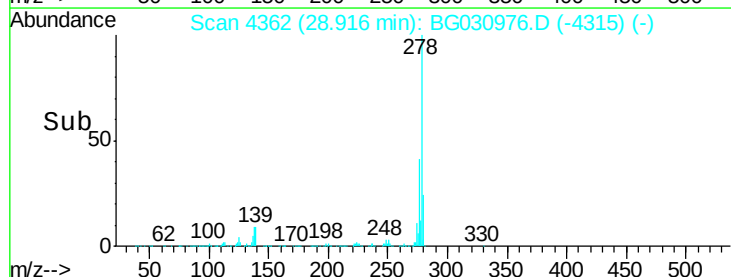
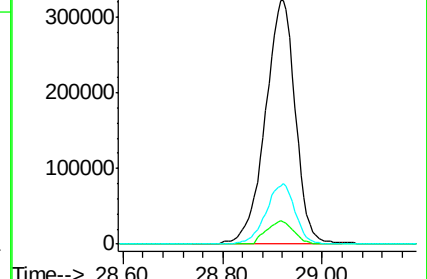
279 24.1 18.4 27.6

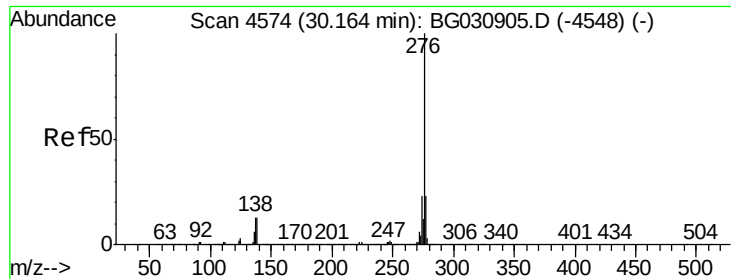


Abundance Ion 278.00 (277.70 to 278.70): E

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: 51.53 ng

RT: 30.06 min Scan# 4556

Delta R.T. -0.02 min

Lab File: BG030976.D

Acq: 13 Nov 2017 17:02

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

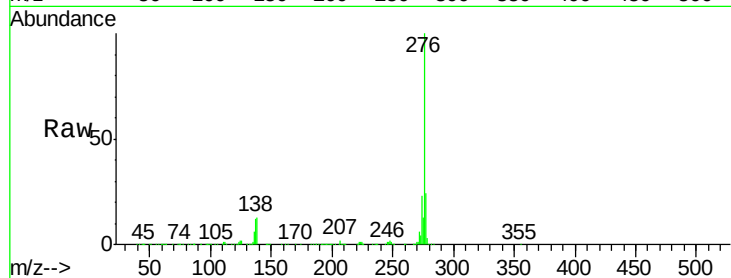
Tgt Ion:276 Resp: 1347376

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 12.8 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

