

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031823.D
 Acq On : 28 Dec 2017 13:12
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 14:17:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	48901	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	208086	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	145397	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	367876	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	420005	20.00	ng	-0.06
86) Perylene-d12	26.26	264	459573	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.23	112	208453	77.64	ng	-0.02
7) Phenol-d6	7.91	99	279803	80.27	ng	-0.02
23) Nitrobenzene-d5	10.00	82	236133	85.69	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	197185	88.88	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	893133	77.10	ng	-0.03
78) Terphenyl-d14	20.70	244	1381955	75.17	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.88	88	38553	38.737	ng	# 68
3) Pyridine	4.33	79	108611	40.827	ng	# 76
4) n-Nitrosodimethylamine	4.24	42	40658	37.874	ng	# 75
6) Aniline	8.09	93	176706	39.401	ng	# 91
8) 2-Chlorophenol	8.35	128	124243	39.894	ng	# 82
9) Benzaldehyde	7.91	77	75848	36.136	ng	# 85
10) Phenol	7.94	94	138791	39.438	ng	# 88
11) bis(2-Chloroethyl)ether	8.19	93	109384	37.425	ng	# 81
12) 1,3-Dichlorobenzene	8.69	146	152864	39.526	ng	# 92
13) 1,4-Dichlorobenzene	8.84	146	152534	38.609	ng	# 95
14) 1,2-Dichlorobenzene	9.18	146	146164	39.045	ng	# 95
15) Benzyl Alcohol	9.04	79	105745	40.411	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	9.33	45	81864	34.395	ng	# 79
17) 2-Methylphenol	9.23	107	100207	39.795	ng	# 96
18) Hexachloroethane	9.93	117	46667	39.001	ng	# 80
19) n-Nitroso-di-n-propylamine	9.62	70	90694	38.097	ng	# 84
20) 3+4-Methylphenols	9.57	107	141906	39.651	ng	# 95
22) Acetophenone	9.65	105	185329	38.335	ng	# 87
24) Nitrobenzene	10.05	77	115355	40.617	ng	# 83
25) Isophorone	10.57	82	224717	37.881	ng	# 83
26) 2-Nitrophenol	10.77	139	73278	49.210	ng	# 85
27) 2,4-Dimethylphenol	10.81	122	121072	38.638	ng	# 89
28) bis(2-Chloroethoxy)methane	11.05	93	147238	36.990	ng	# 96
29) 2,4-Dichlorophenol	11.31	162	149425	40.620	ng	# 91
30) 1,2,4-Trichlorobenzene	11.54	180	176031	39.191	ng	# 97
31) Naphthalene	11.74	128	413562	39.381	ng	# 98
32) Benzoic acid	10.92	122	80053	38.933	ng	# 80
33) 4-Chloroaniline	11.83	127	181308	38.779	ng	# 92
34) Hexachlorobutadiene	12.01	225	124524	40.383	ng	# 97
35) Caprolactam	12.58	113	45714	40.997	ng	# 48
36) 4-Chloro-3-methylphenol	12.90	107	138753	40.841	ng	# 86
37) 2-Methylnaphthalene	13.30	142	336924	39.576	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	237809	38.831	ng	# 95
40) Hexachlorocyclopentadiene	13.63	237	129953	40.223	ng	# 91

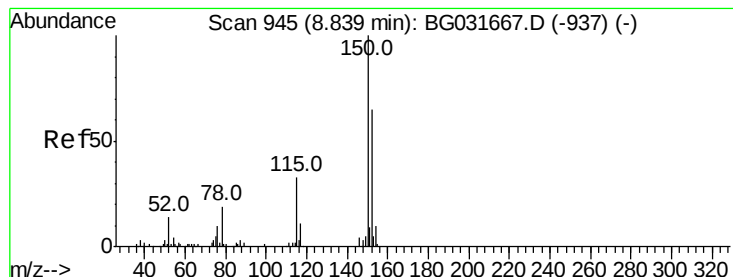
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	141580	40.097	ng	96
43) 2,4,5-Trichlorophenol	13.95	196	157311	40.201	ng	# 92
45) 1,1'-Biphenyl	14.28	154	482247	38.834	ng	94
46) 2-Chloronaphthalene	14.33	162	363478	38.373	ng	96
47) 2-Nitroaniline	14.51	65	75262	46.006	ng	# 59
48) Acenaphthylene	15.16	152	584657	38.582	ng	99
49) Dimethylphthalate	14.86	163	495411	38.677	ng	99
50) 2,6-Dinitrotoluene	14.99	165	104314	44.269	ng	# 65
51) Acenaphthene	15.50	154	397695	40.072	ng	97
52) 3-Nitroaniline	15.32	138	100043	43.517	ng	# 70
53) 2,4-Dinitrophenol	15.52	184	49861	52.690	ng	# 1
54) Dibenzofuran	15.83	168	595084	39.116	ng	99
55) 4-Nitrophenol	15.59	139	74823	39.988	ng	# 74
56) 2,4-Dinitrotoluene	15.77	165	147343	48.629	ng	# 62
57) Fluorene	16.47	166	475317	38.460	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	155966	40.852	ng	# 85
59) Diethylphthalate	16.21	149	473193	37.903	ng	96
60) 4-Chlorophenyl-phenylether	16.45	204	293813	38.854	ng	93
61) 4-Nitroaniline	16.47	138	100579	44.833	ng	81
62) Azobenzene	16.74	77	302869	37.828	ng	82
64) 4,6-Dinitro-2-methylphenol	16.52	198	76705	43.750	ng	# 66
65) n-Nitrosodiphenylamine	16.66	169	458057	37.490	ng	100
66) 4-Bromophenyl-phenylether	17.34	248	206925	38.898	ng	94
67) Hexachlorobenzene	17.47	284	218954	40.263	ng	# 91
68) Atrazine	17.58	200	183628	38.652	ng	99
69) Pentachlorophenol	17.80	266	150858	40.331	ng	98
70) Phenanthrene	18.21	178	784071	37.661	ng	98
71) Anthracene	18.30	178	797548	37.977	ng	98
72) Carbazole	18.55	167	703593	37.852	ng	100
73) Di-n-butylphthalate	19.06	149	782520	37.881	ng	99
74) Fluoranthene	20.17	202	981632	38.427	ng	96
76) Benzidine	20.33	184	597825	46.116	ng	97
77) Pyrene	20.53	202	999946	37.272	ng	99
79) Butylbenzylphthalate	21.39	149	349600	38.817	ng	# 77
80) Benzo(a)anthracene	22.50	228	1011161	37.847	ng	99
81) 3,3'-Dichlorobenzidine	22.38	252	409346	39.517	ng	# 98
82) Chrysene	22.57	228	950761	37.611	ng	99
83) Bis(2-ethylhexyl)phthalate	22.34	149	504707	38.680	ng	# 97
84) Di-n-octyl phthalate	23.74	149	860792	39.171	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1292100	39.842	ng	# 89
87) Benzo(b)fluoranthene	25.06	252	1081762	37.920	ng	# 97
88) Benzo(k)fluoranthene	25.14	252	1081069	37.866	ng	# 97
89) Benzo(a)pyrene	26.09	252	1043810	38.205	ng	# 97
90) Dibenzo(a,h)anthracene	30.71	278	1089629	38.616	ng	# 95
91) Benzo(g,h,i)perylene	30.62	276	1292100	38.784	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

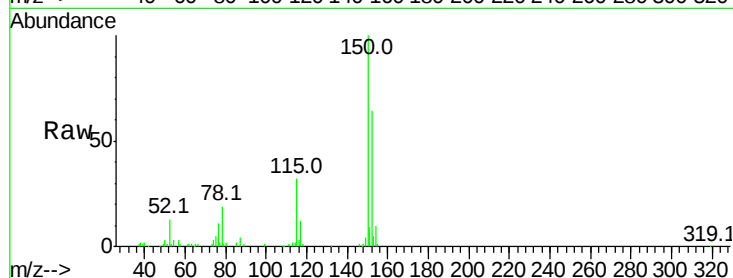
Tot Ion:152 Resp: 48901

Ion Ratio Lower Upper

152 100

150 155.5 126.6 189.8

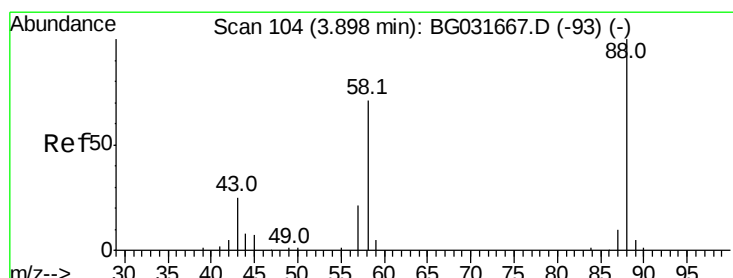
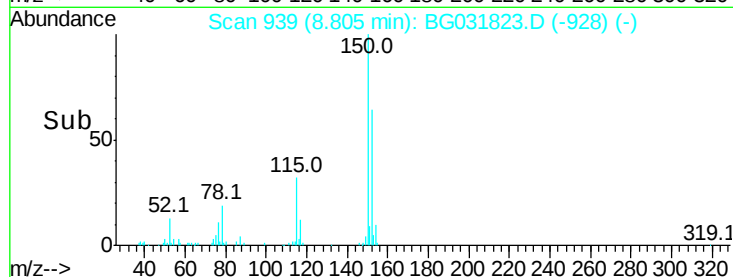
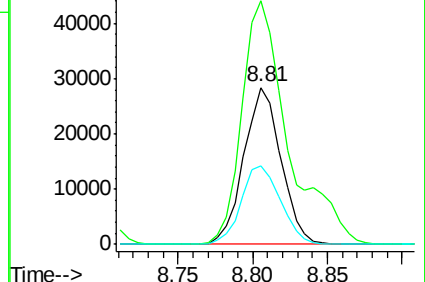
115 50.4 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.737 ng

RT: 3.88 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

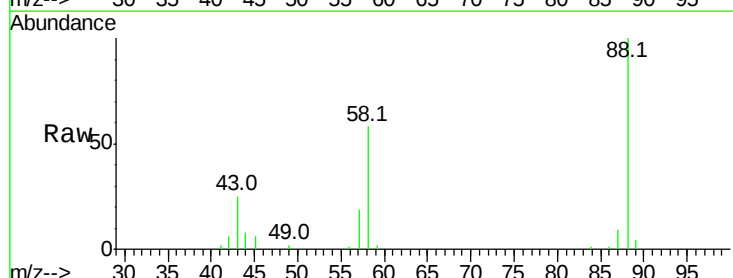
Tgt Ion: 88 Resp: 38553

Ion Ratio Lower Upper

88 100

58 63.2 79.6 119.4#

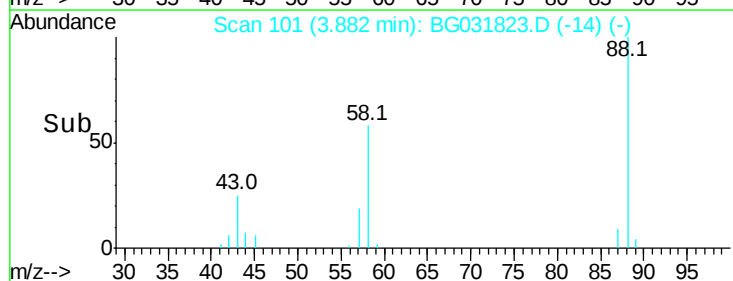
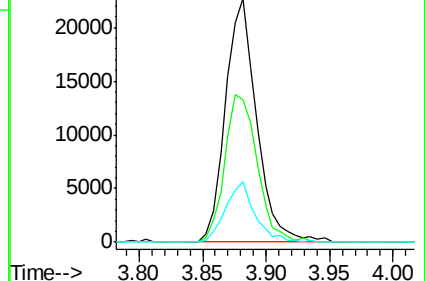
43 23.5 27.4 41.0#



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

Pvridine

Concen: 40.827 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.02 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

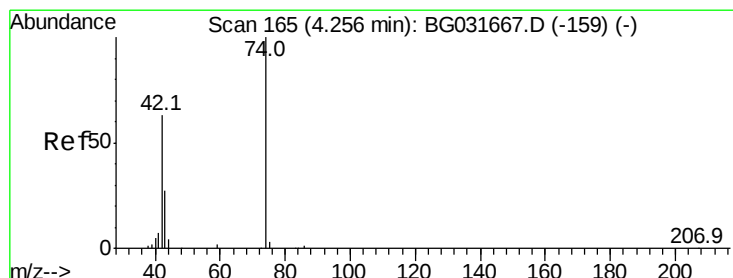
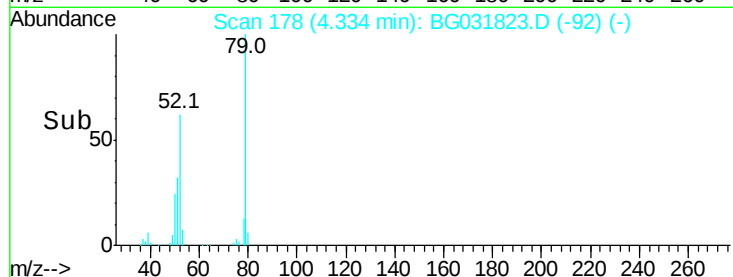
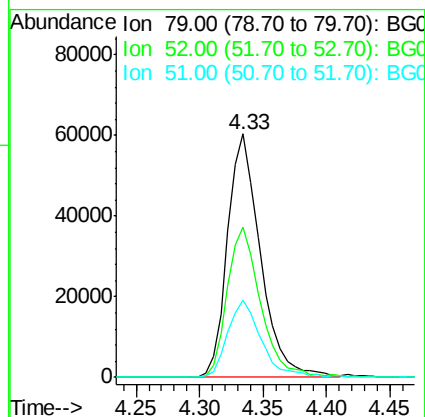
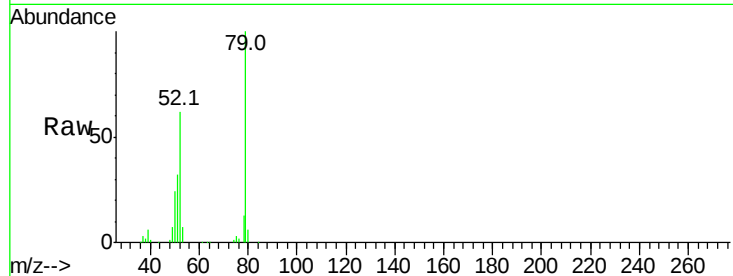
Tot Ion: 79 Resp: 108611

Ion Ratio Lower Upper

79 100

52 61.7 69.9 104.9#

51 31.9 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 37.874 ng

RT: 4.24 min Scan# 162

Delta R.T. -0.02 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

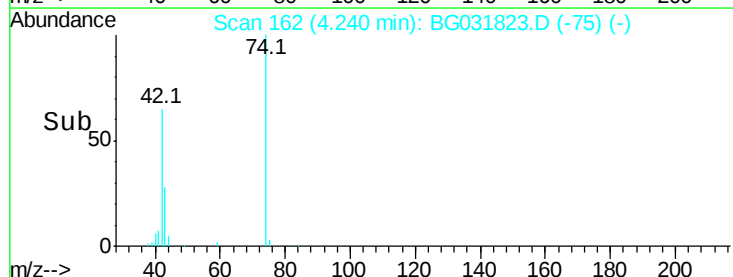
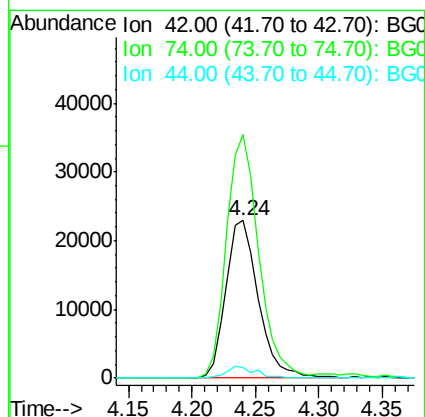
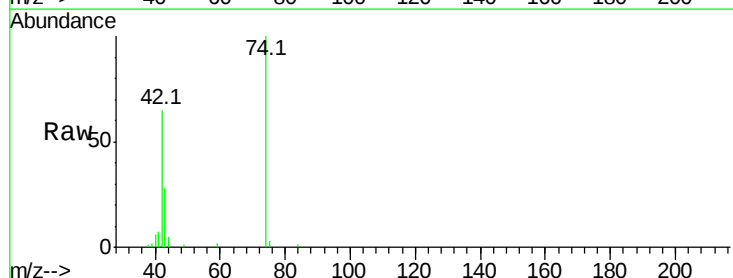
Tgt Ion: 42 Resp: 40658

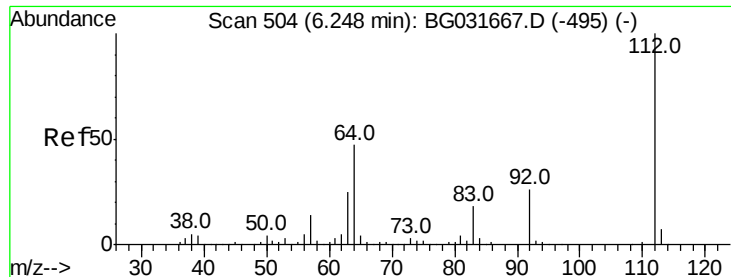
Ion Ratio Lower Upper

42 100

74 154.8 102.5 153.7#

44 7.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 77.641 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

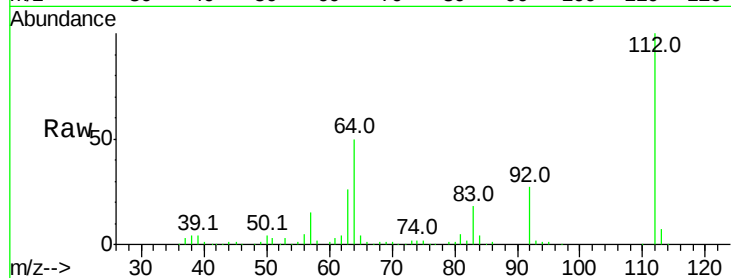
Tot Ion:112 Resp: 208453

Ion Ratio Lower Upper

112 100

64 50.0 56.3 84.5#

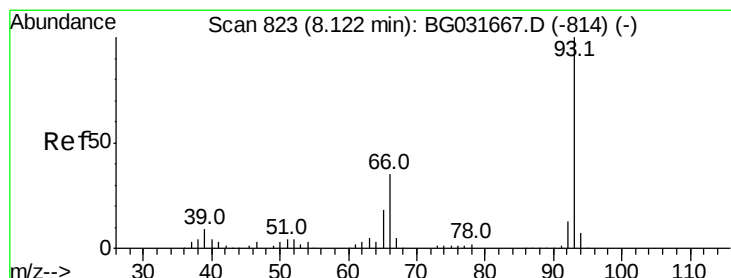
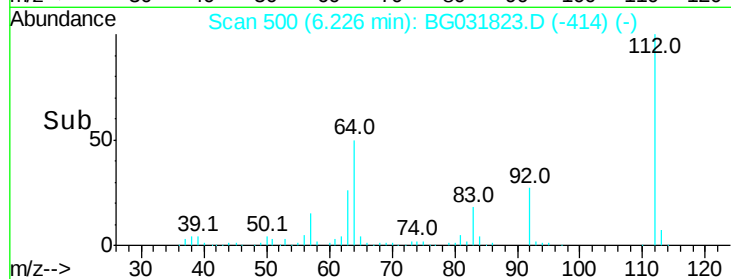
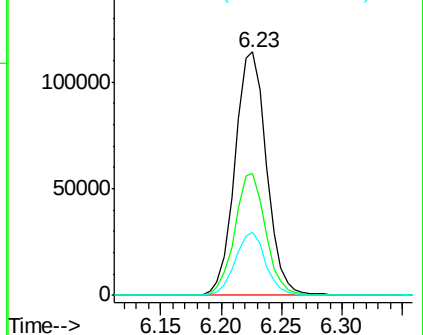
63 26.1 30.1 45.1#



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: 39.401 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

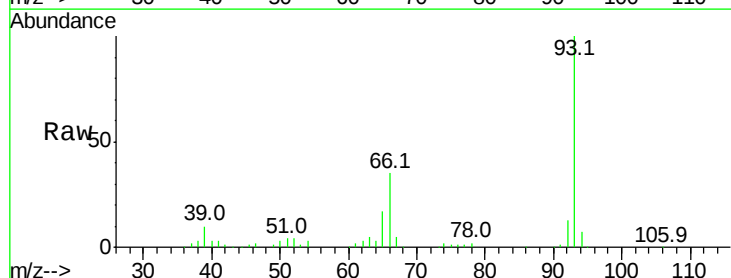
Tgt Ion: 93 Resp: 176706

Ion Ratio Lower Upper

93 100

66 35.3 33.7 50.5

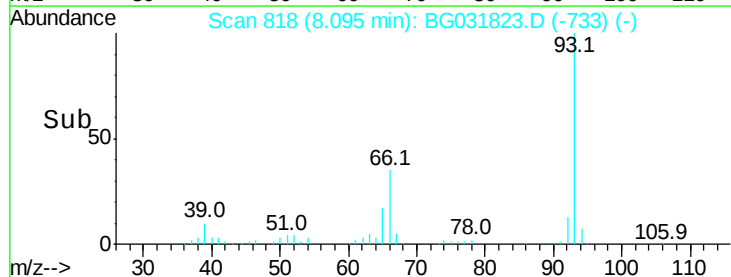
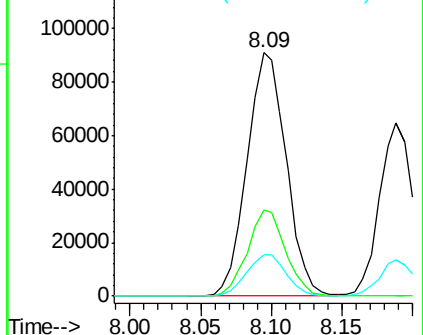
65 17.0 16.1 24.1



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: 80.270 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

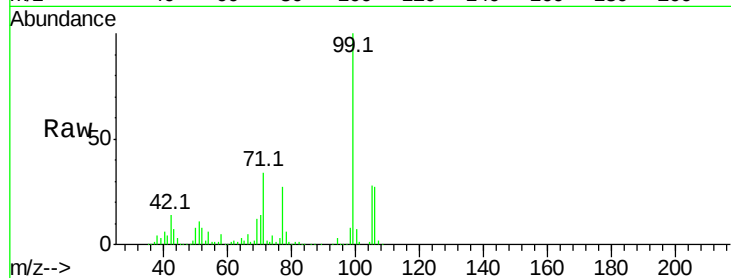
Tot Ion: 99 Resp: 279803

Ion Ratio Lower Upper

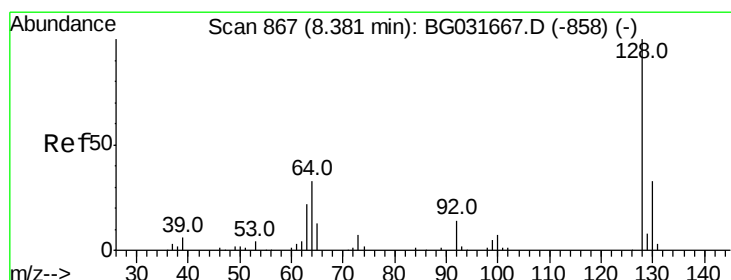
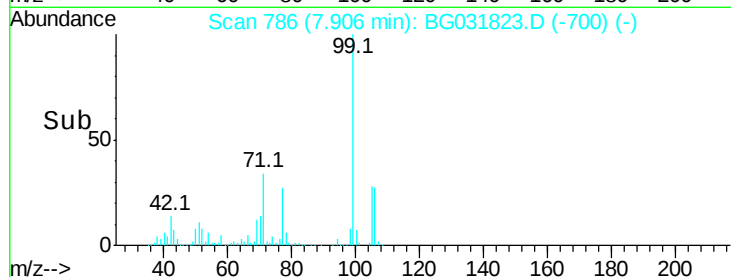
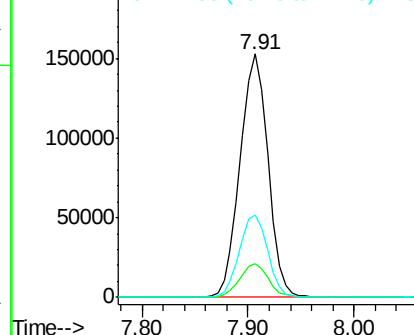
99 100

42 13.9 14.1 21.1#

71 34.1 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: 39.894 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

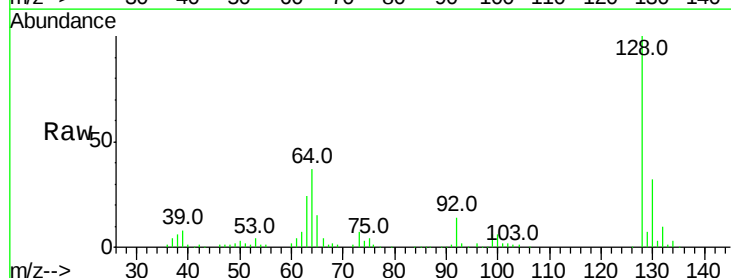
Tgt Ion: 128 Resp: 124243

Ion Ratio Lower Upper

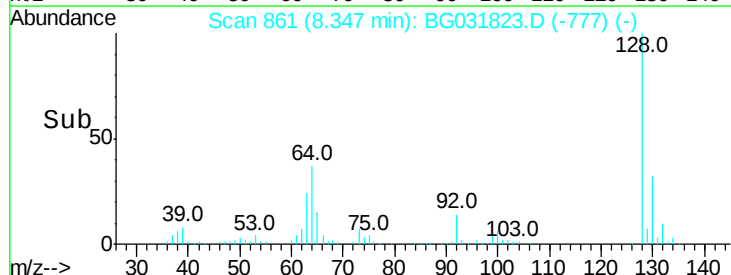
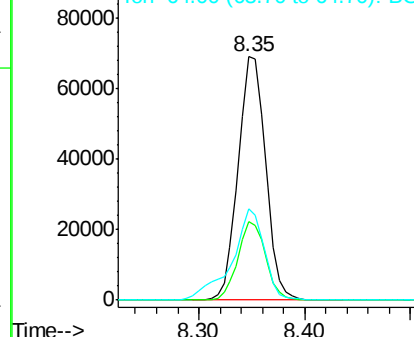
128 100

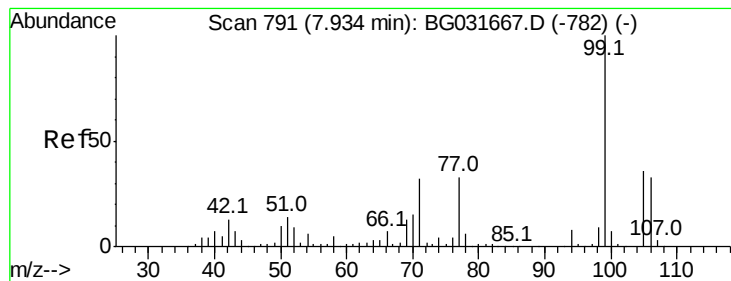
130 32.3 14.0 54.0

64 37.4 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: 36.136 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

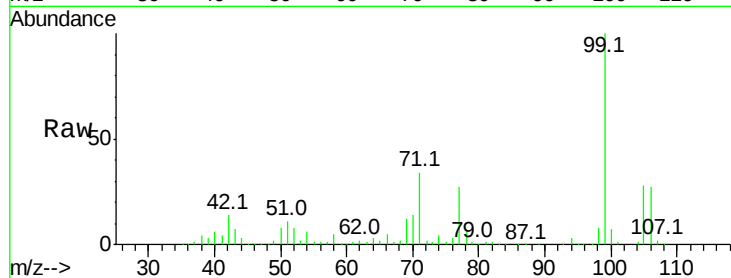
Tot Ion: 77 Resp: 75848

Ion Ratio Lower Upper

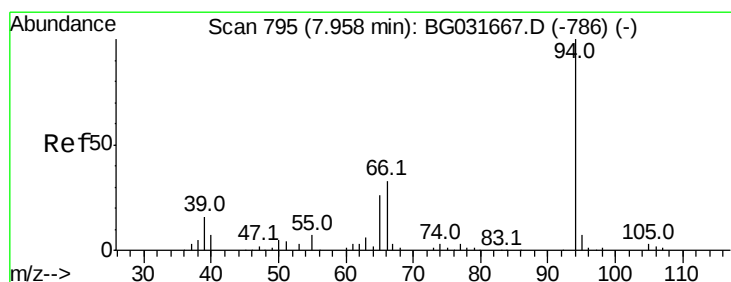
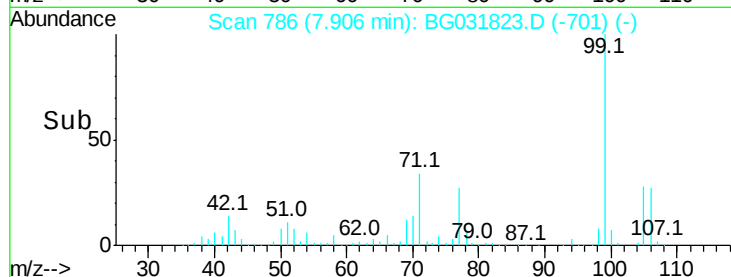
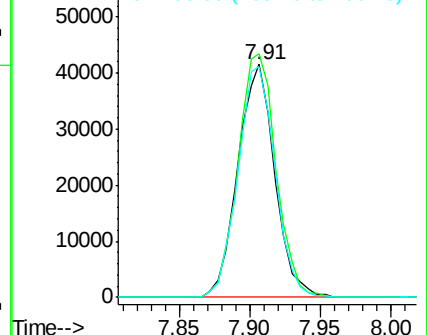
77 100

105 104.6 71.3 111.3

106 99.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.438 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

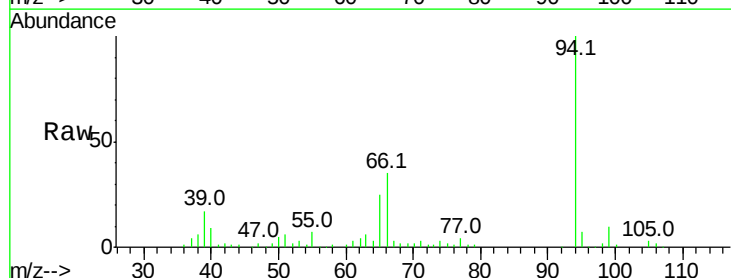
Tgt Ion: 94 Resp: 138791

Ion Ratio Lower Upper

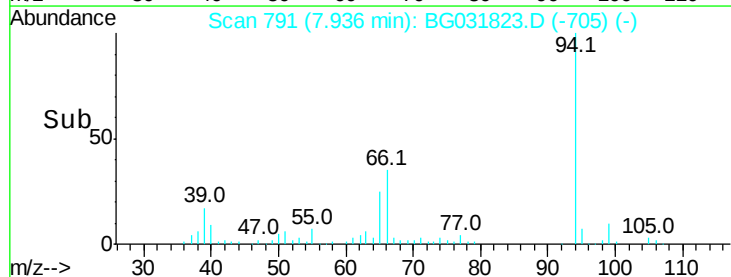
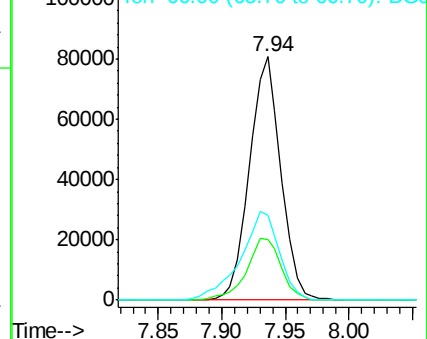
94 100

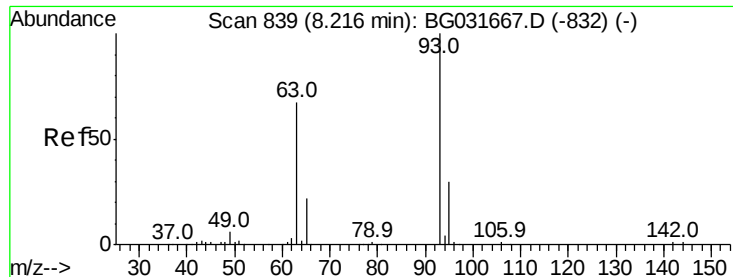
65 24.7 11.9 51.9

66 35.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.425 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

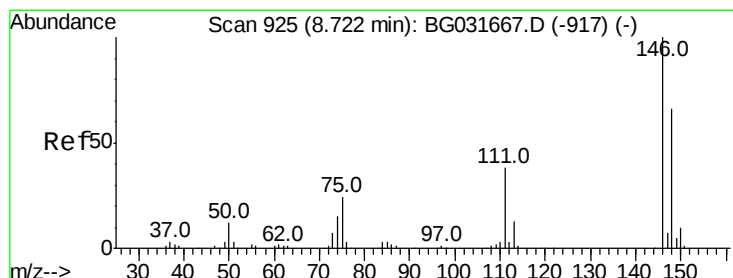
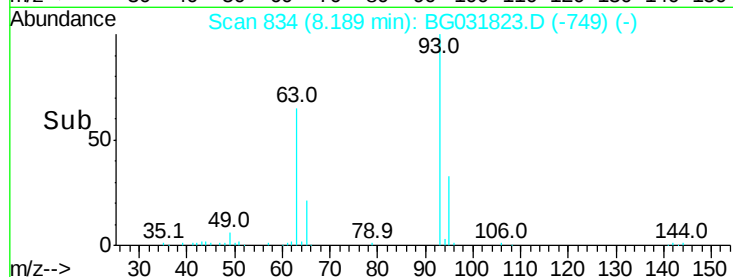
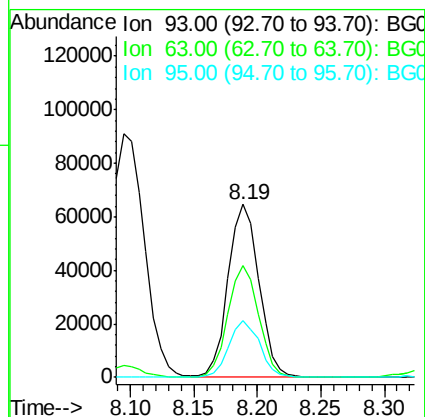
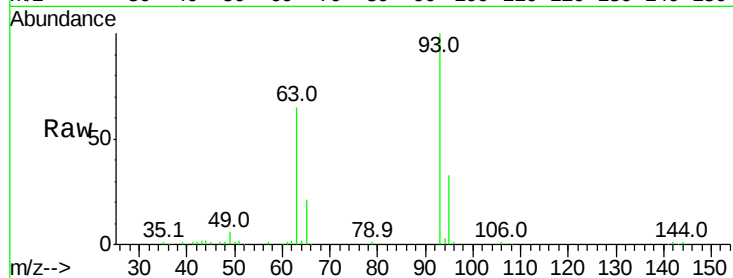
Tot Ion: 93 Resp: 109384

Ion Ratio Lower Upper

93 100

63 64.7 67.1 107.1#

95 33.0 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.526 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

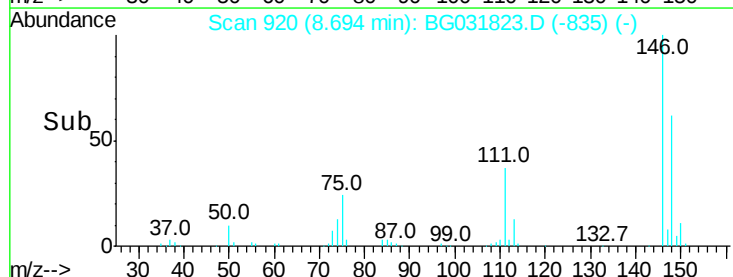
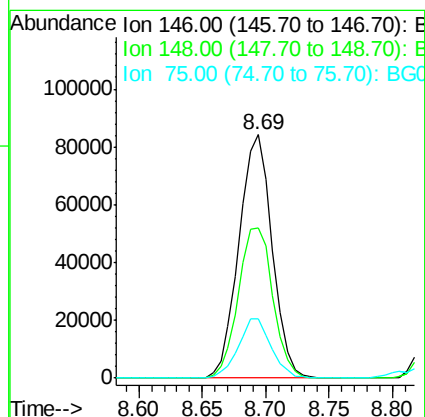
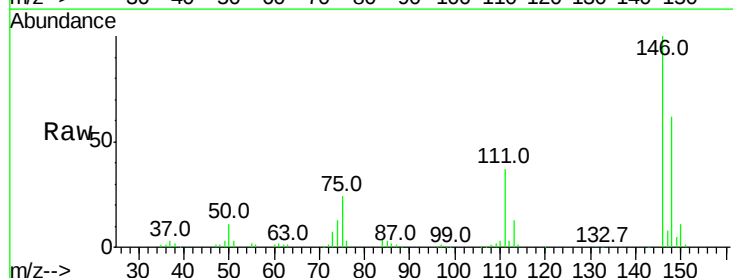
Tgt Ion: 146 Resp: 152864

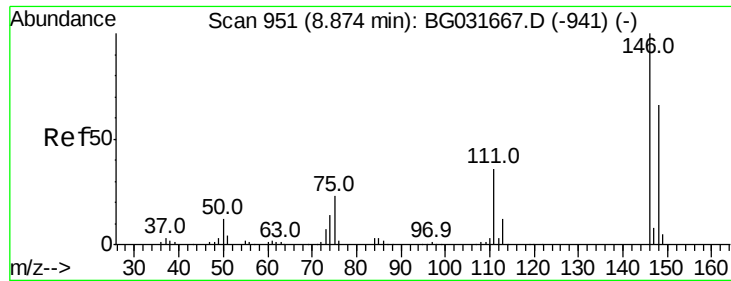
Ion Ratio Lower Upper

146 100

148 61.8 51.4 77.2

75 24.1 26.6 39.8#

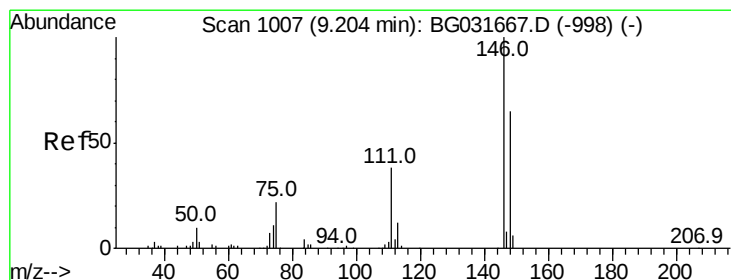
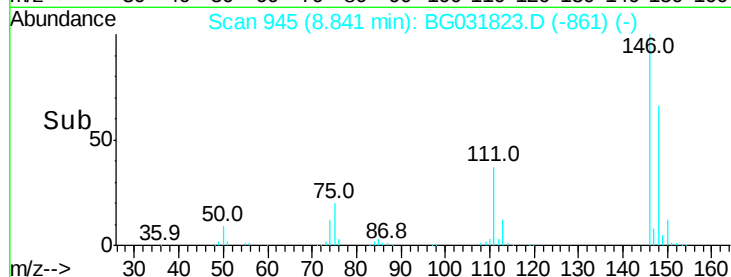
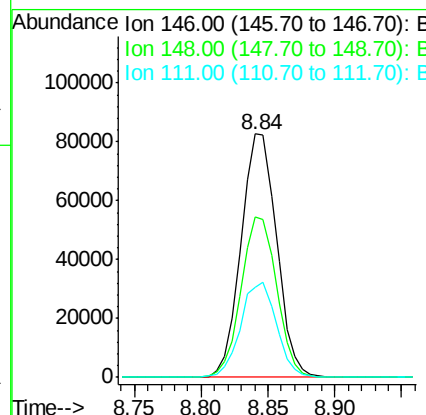
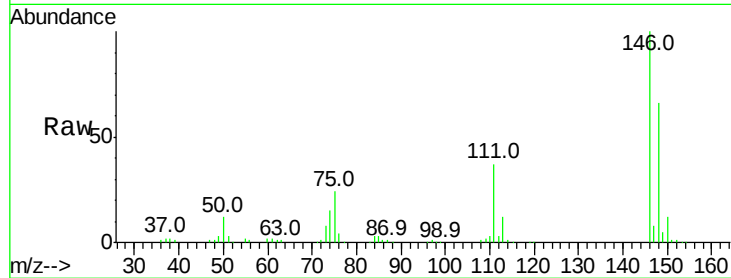




#13
 1,4-Dichlorobenzene
 Concen: 38.609 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

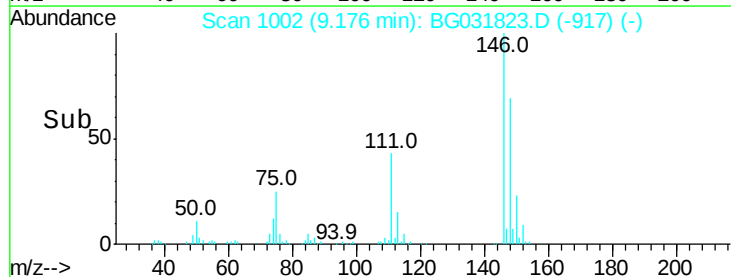
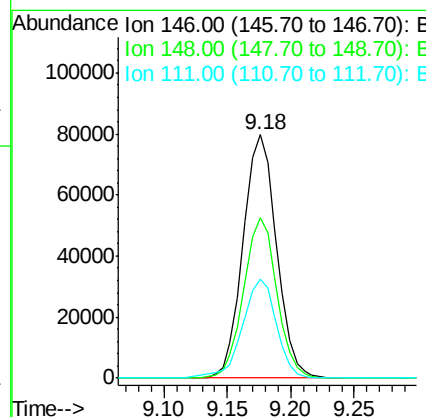
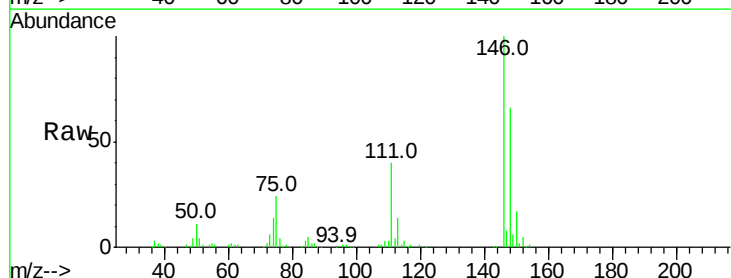
Instrument :
 BNA_G
 ClientSampled :

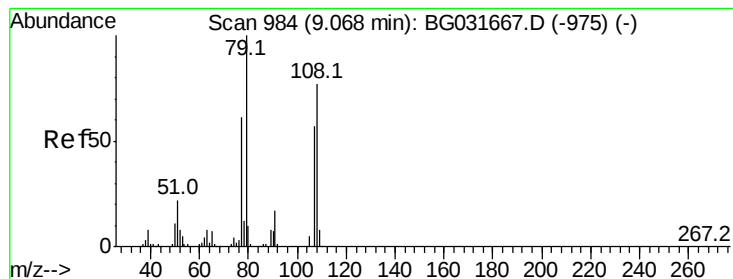
Tot Ion:146 Resp: 152534
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.7 80.5
 111 36.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.045 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion:146 Resp: 146164
 Ion Ratio Lower Upper
 146 100
 148 66.0 49.3 73.9
 111 40.5 34.3 51.5





#15

Benzyl Alcohol

Concen: 40.411 ng

RT: 9.04 min Scan# 979

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

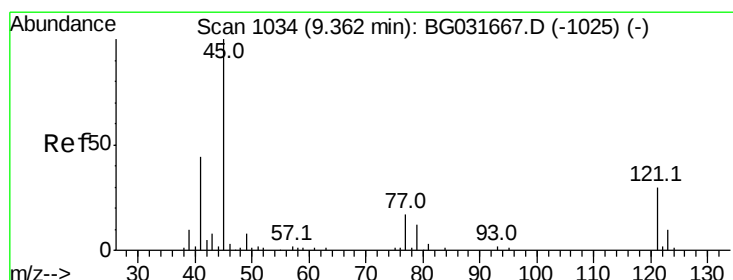
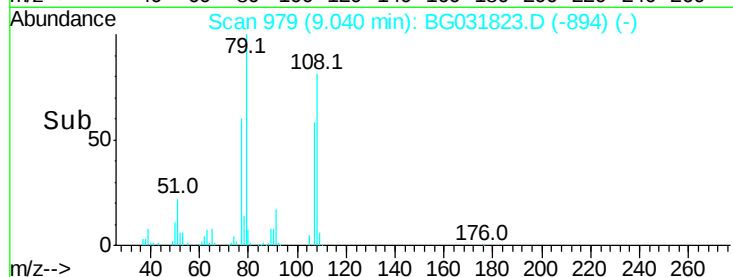
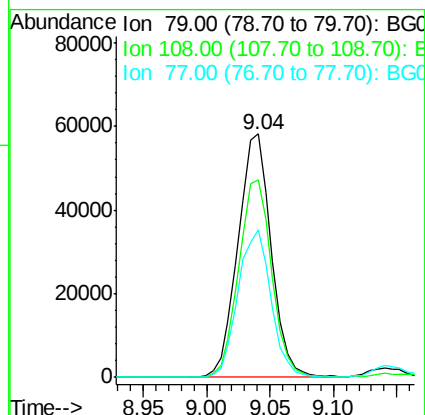
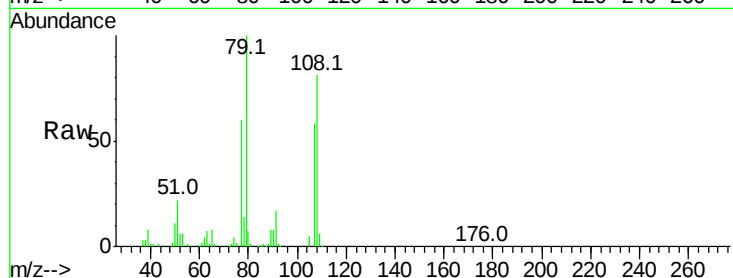
Tot Ion: 79 Resp: 105745

Ion Ratio Lower Upper

79 100

108 81.3 57.2 85.8

77 60.4 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.395 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

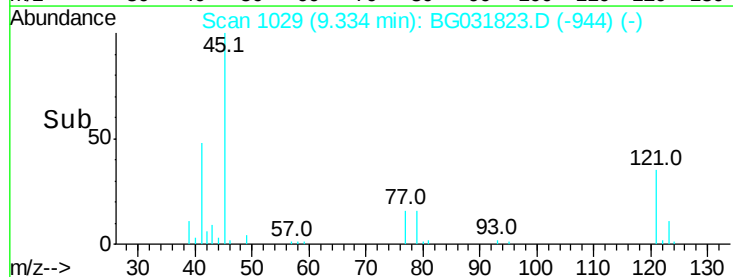
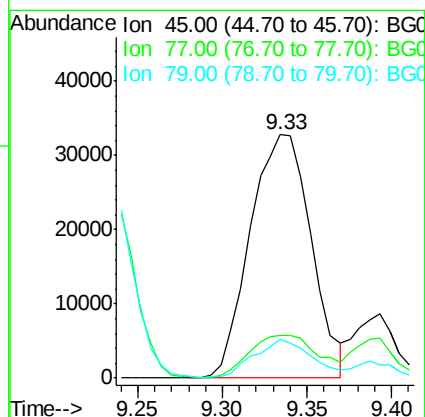
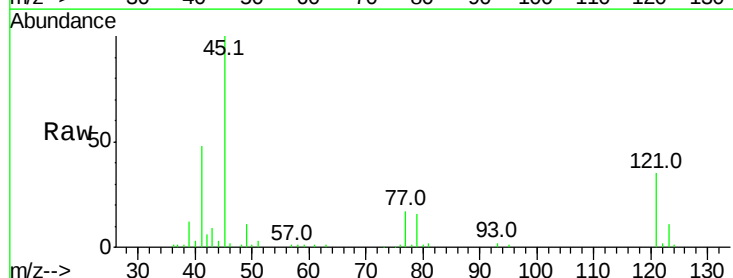
Tgt Ion: 45 Resp: 81864

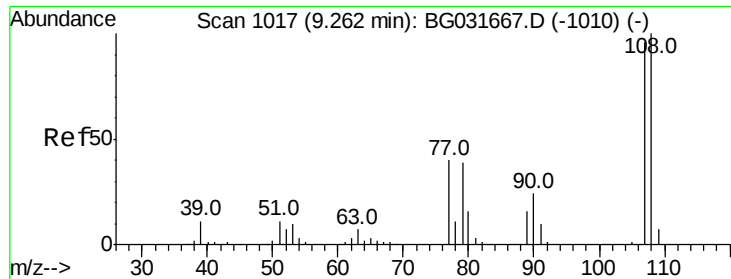
Ion Ratio Lower Upper

45 100

77 17.4 0.0 30.2

79 16.1 0.0 27.9

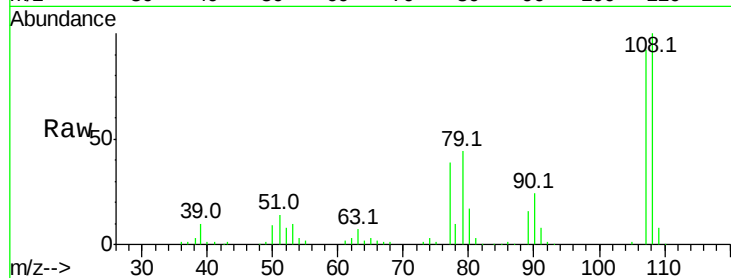




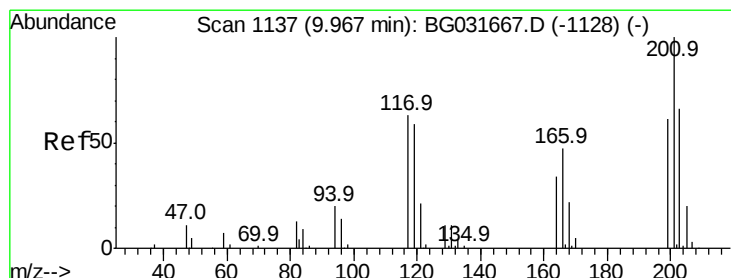
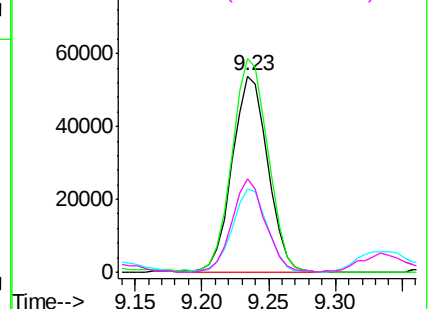
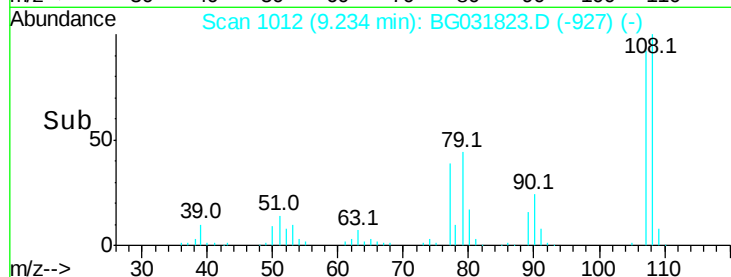
#17
2-Methylphenol
Concen: 39.795 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	100207
Ion	Ratio	Lower	Upper
107	100		
108	108.8	83.9	125.9
77	42.5	37.2	55.8
79	47.4	36.2	54.2

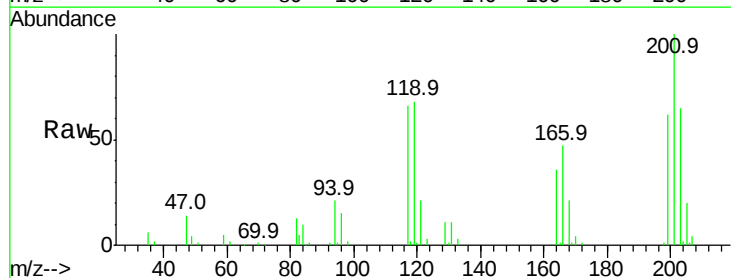


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

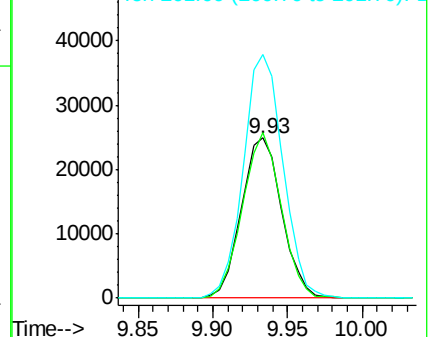
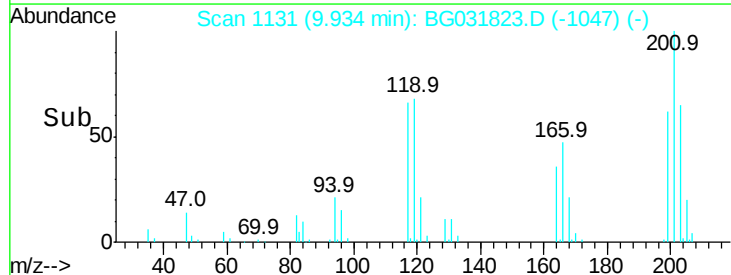


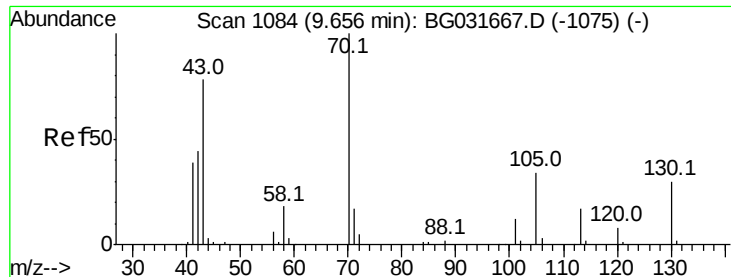
#18
Hexachloroethane
Concen: 39.001 ng
RT: 9.93 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:	117	Resp:	46667
Ion	Ratio	Lower	Upper
117	100		
119	103.8	76.7	115.1
201	152.1	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

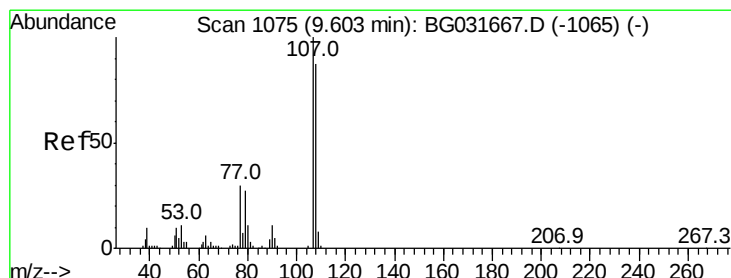
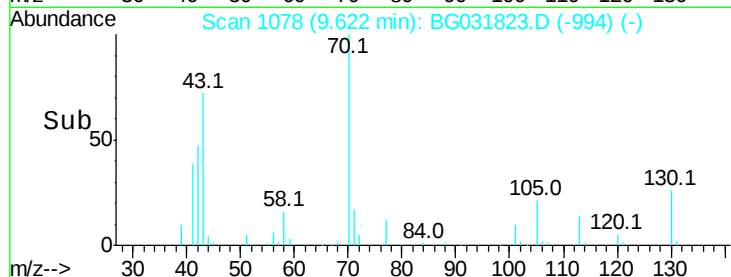
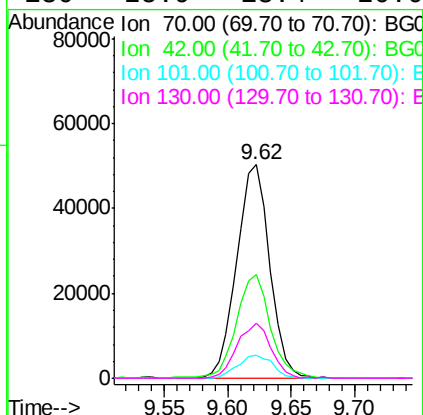
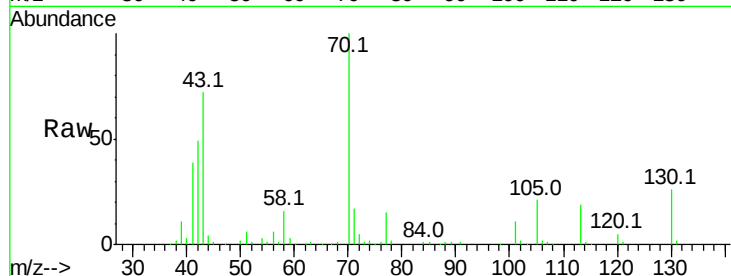




#19
n-Nitroso-di-n-propylamine
Concen: 38.097 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

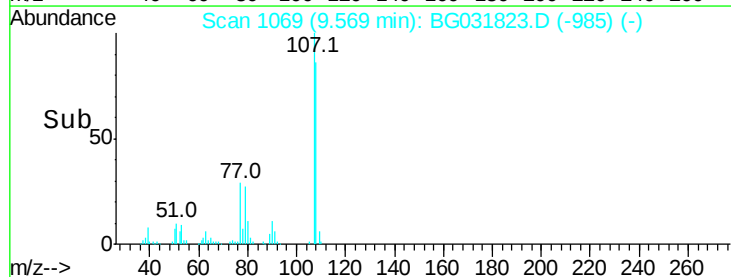
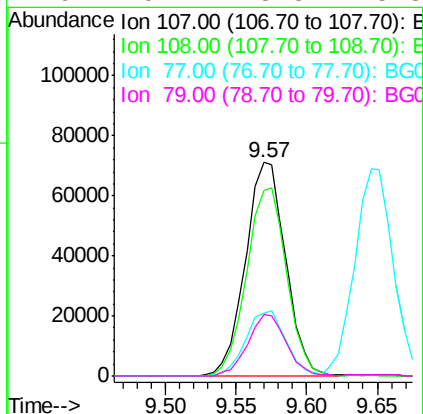
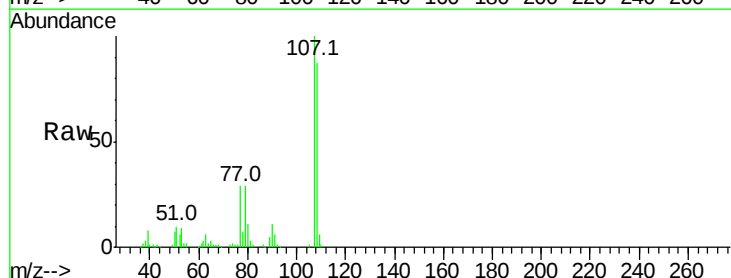
Instrument :
BNA_G
ClientSampleId :

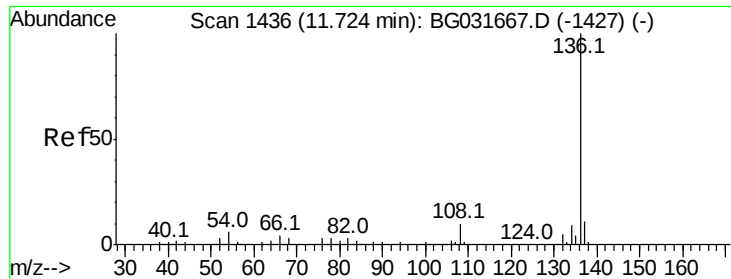
Tot Ion: 70 Resp: 90694
Ion Ratio Lower Upper
70 100
42 48.5 49.1 73.7#
101 10.6 8.5 12.7
130 25.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.651 ng
RT: 9.57 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion: 107 Resp: 141906
Ion Ratio Lower Upper
107 100
108 87.0 61.6 101.6
77 29.4 13.9 53.9
79 29.1 8.8 48.8

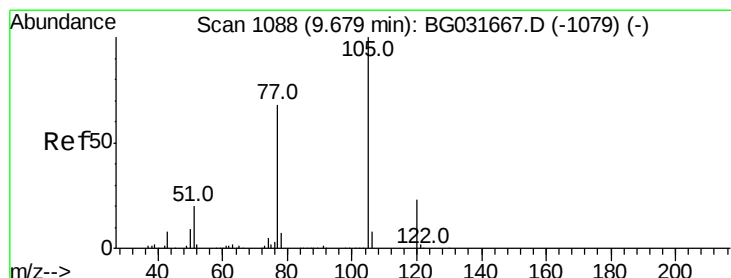
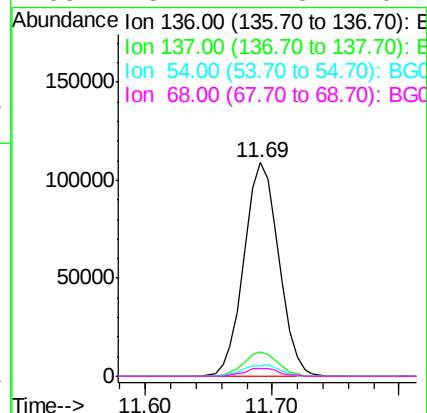
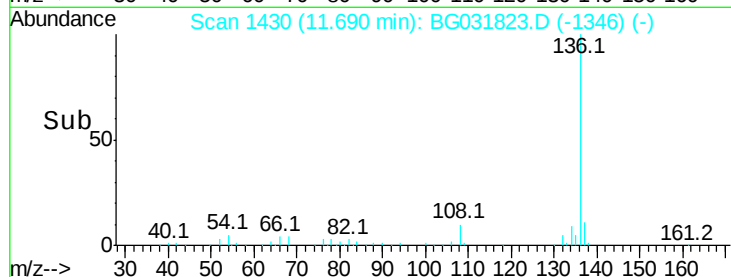
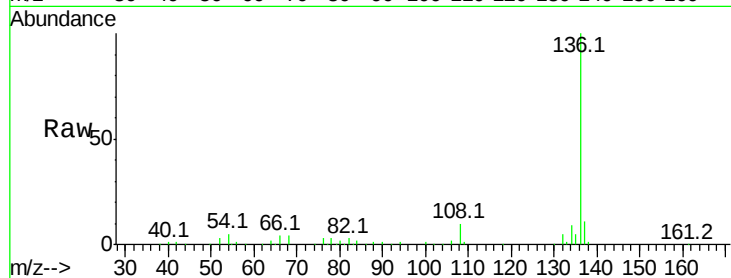




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

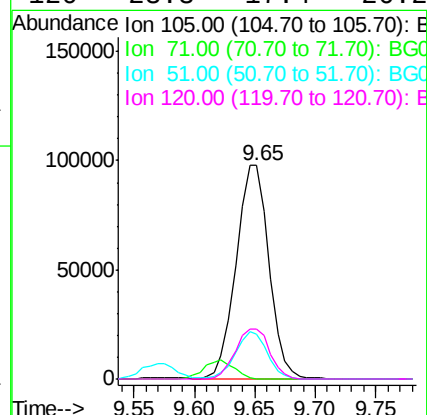
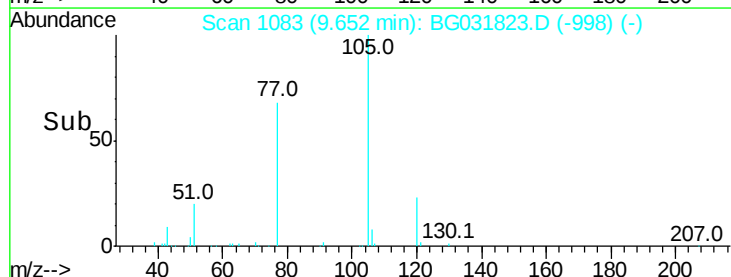
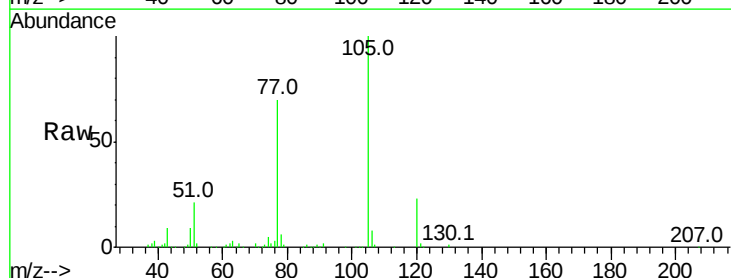
Instrument :
BNA_G
ClientSampleId :

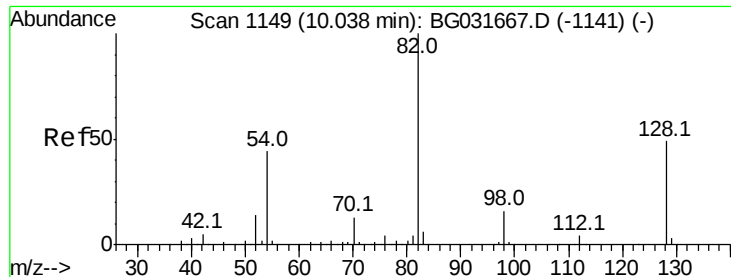
Tot Ion:136	Resp:	208086
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	4.9	10.3 15.5#
68	3.7	4.5 6.7#



#22
Acetophenone
Concen: 38.335 ng
RT: 9.65 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:105	Resp:	185329
Ion Ratio	Lower	Upper
105	100	
71	0.2	3.0 4.4#
51	21.2	26.1 39.1#
120	23.3	17.4 26.2

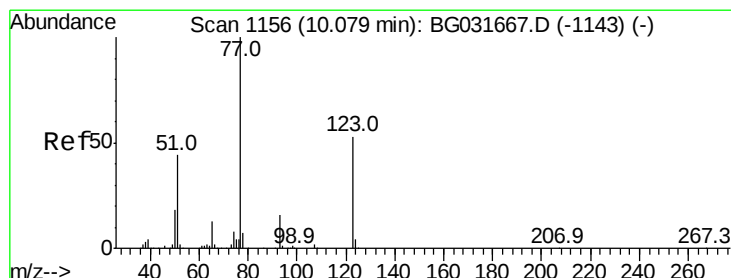
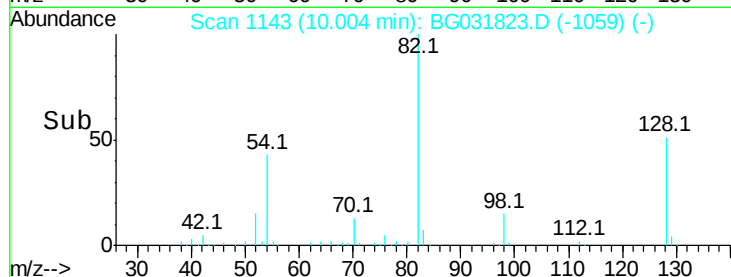
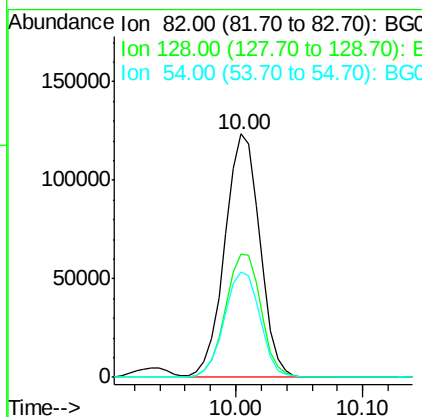
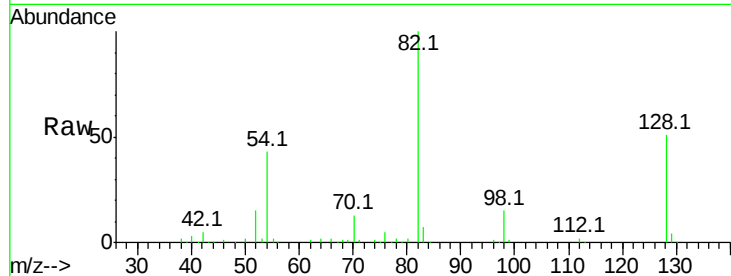




#23
 Nitrobenzene-d5
 Concen: 85.690 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

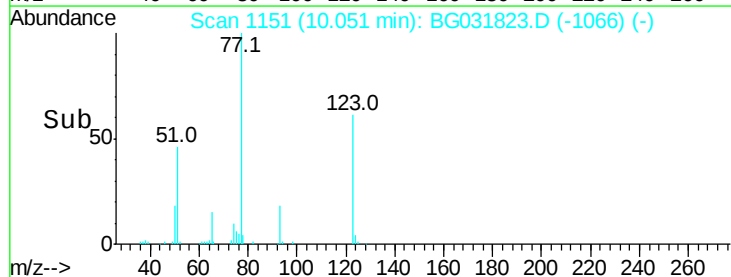
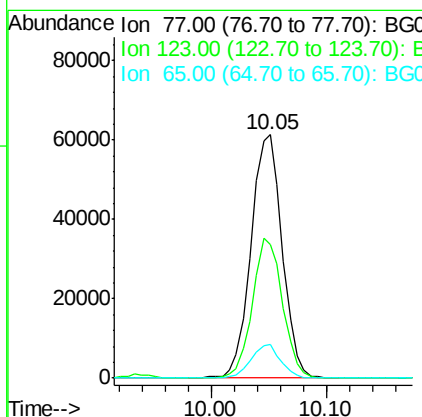
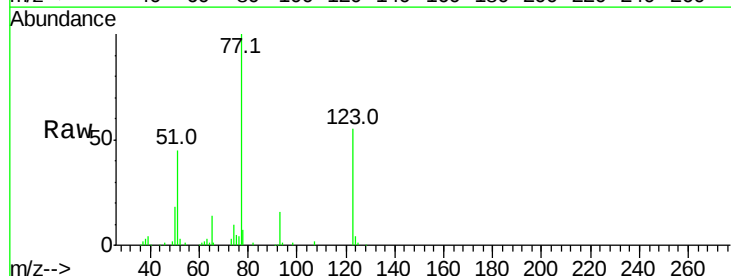
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	236133
Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	43.0	43.1	64.7#



#24
 Nitrobenzene
 Concen: 40.617 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion	77	Resp	115355
Ion	Ratio	Lower	Upper
77	100		
123	54.6	33.0	49.6#
65	13.9	13.0	19.6





#25

Isophorone

Concen: 37.881 ng

RT: 10.57 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

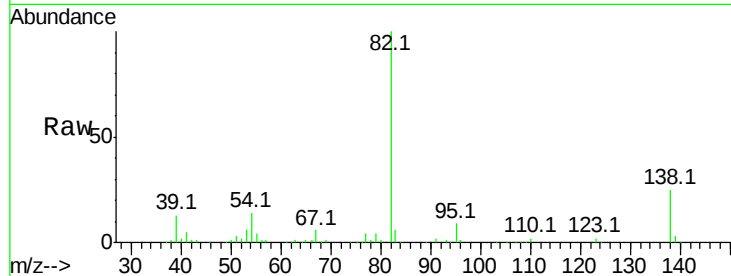
Tot Ion: 82 Resp: 224717

Ion Ratio Lower Upper

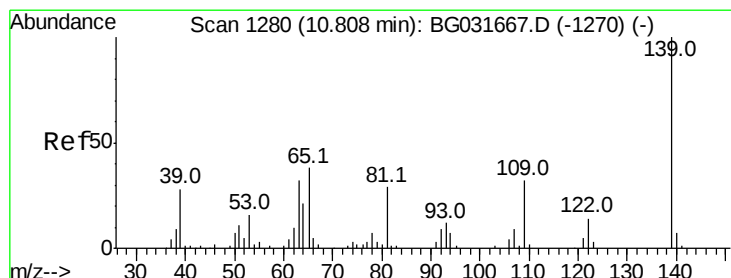
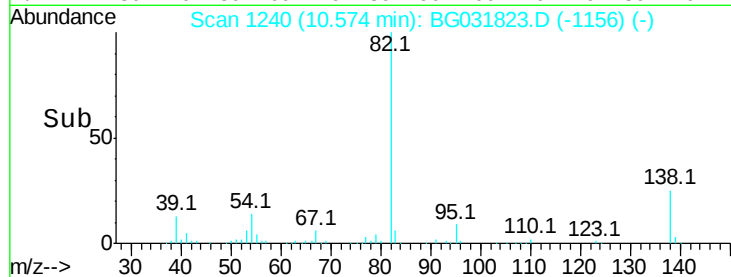
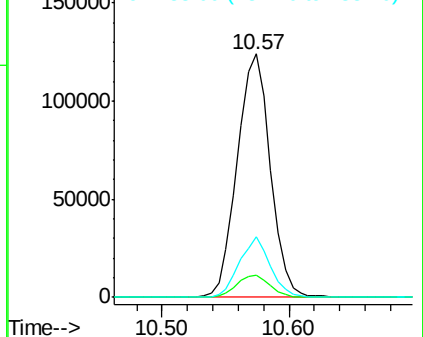
82 100

95 9.4 6.2 9.2#

138 24.9 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 49.210 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

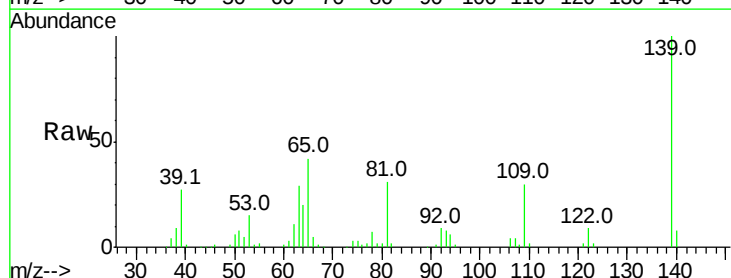
Tgt Ion:139 Resp: 73278

Ion Ratio Lower Upper

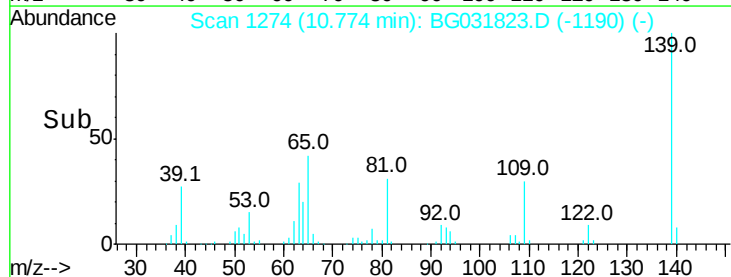
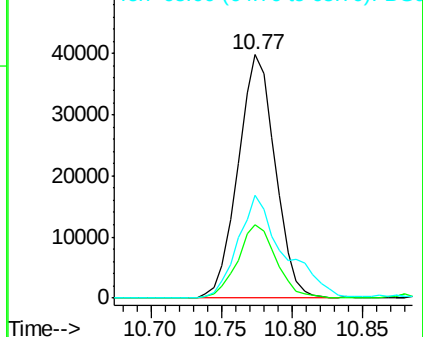
139 100

109 30.0 24.2 36.2

65 42.2 47.4 71.0#



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

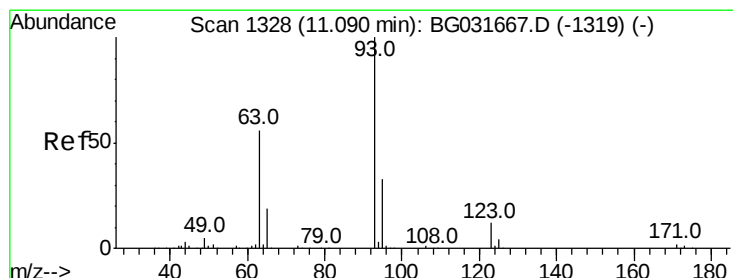
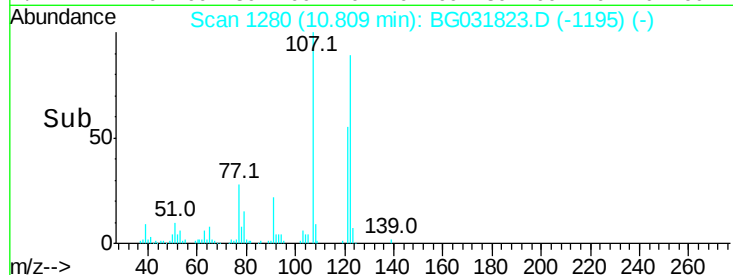
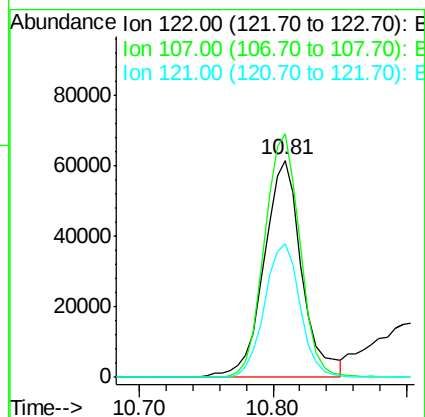
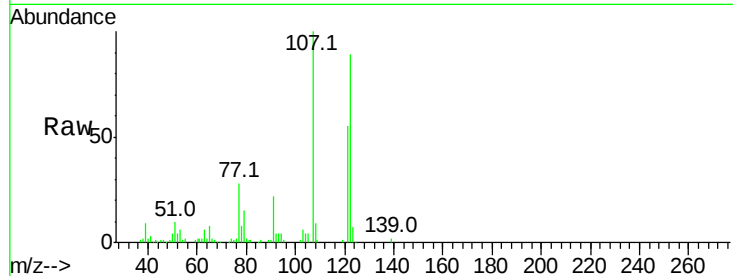




#27
2,4-Dimethylphenol
Concen: 38.638 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

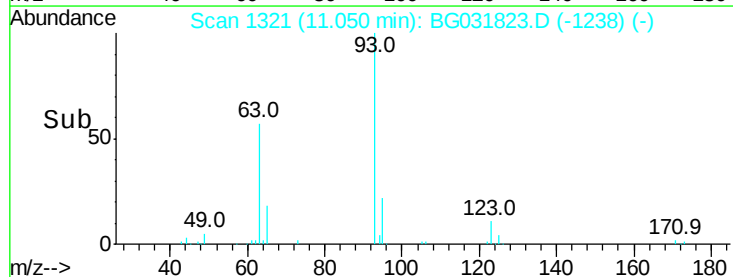
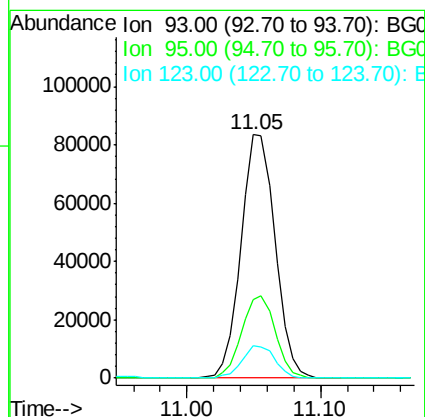
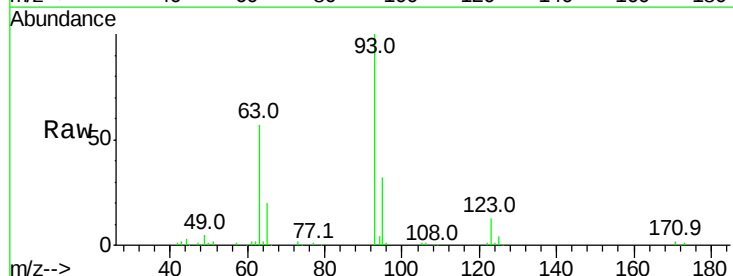
Instrument :
BNA_G
ClientSampleId :

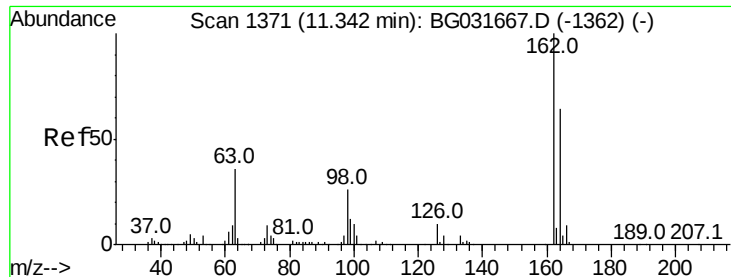
Tot Ion:122 Resp: 121072
Ion Ratio Lower Upper
122 100
107 112.1 100.2 150.2
121 61.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.990 ng
RT: 11.05 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion: 93 Resp: 147238
Ion Ratio Lower Upper
93 100
95 32.1 24.3 36.5
123 13.1 8.4 12.6#

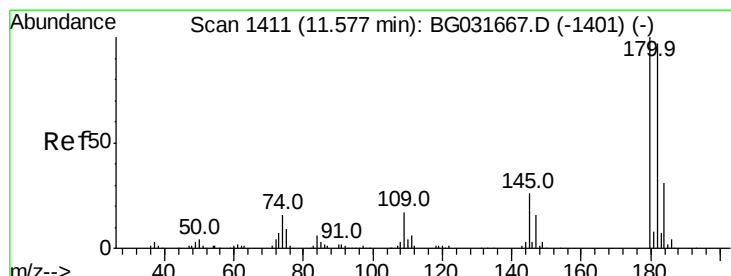
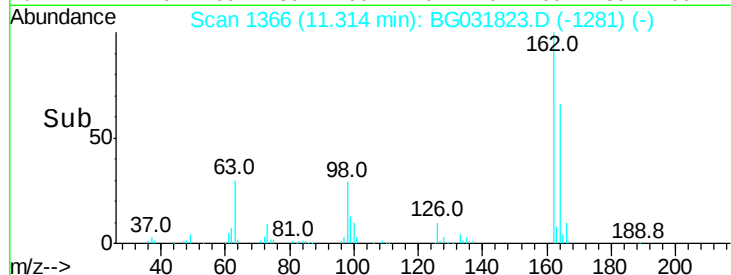
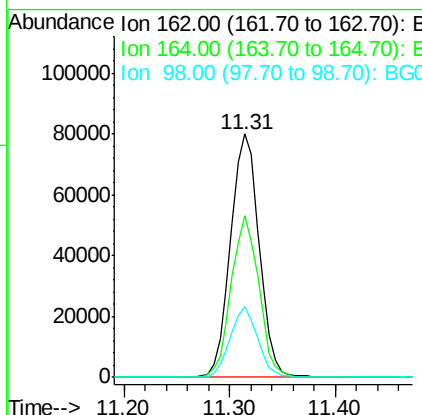
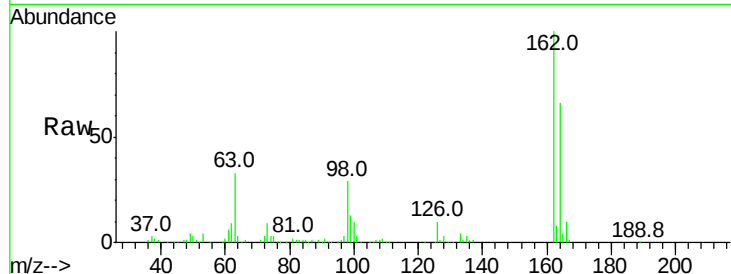




#29
 2,4-Dichlorophenol
 Concen: 40.620 ng
 RT: 11.31 min Scan# 1366
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

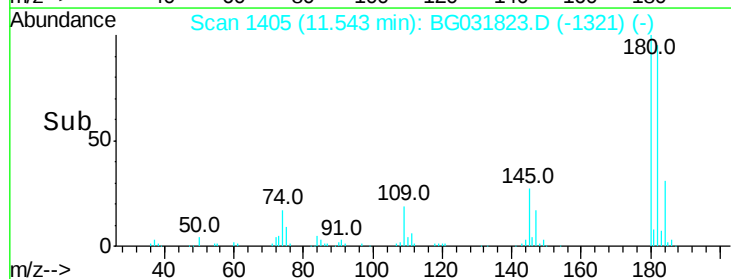
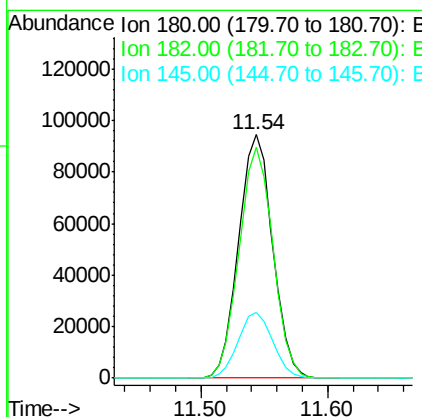
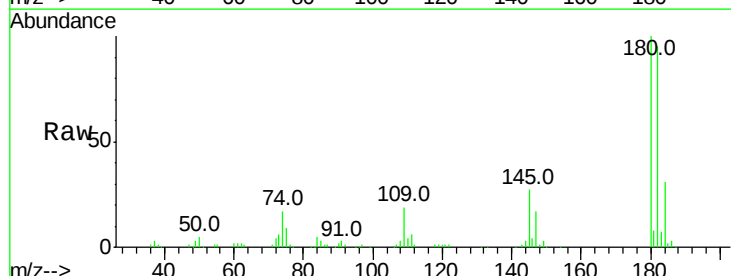
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	48.0	88.0
98	28.9	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.191 ng
 RT: 11.54 min Scan# 1405
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.5	116.3
145	26.8	23.4	35.2

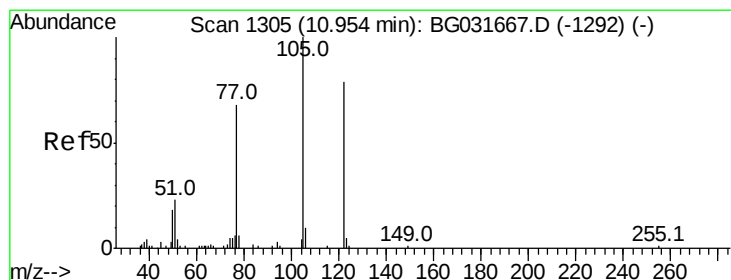
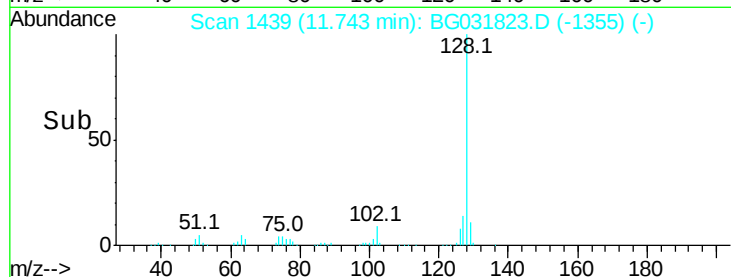
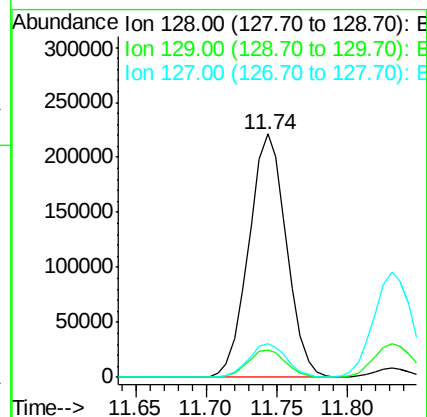
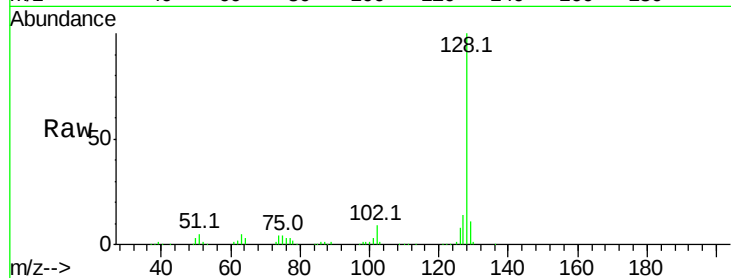




#31
Naphthalene
Concen: 39.381 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

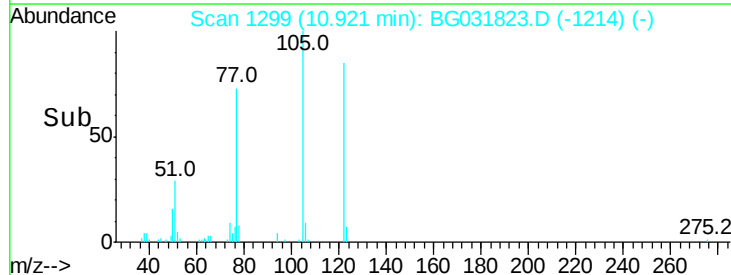
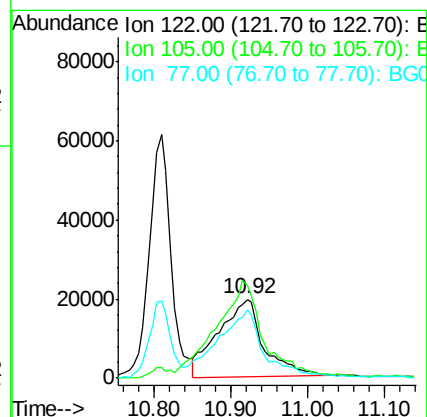
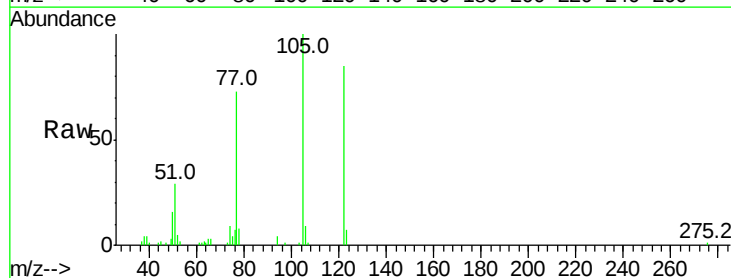
Instrument :
BNA_G
ClientSampleId :

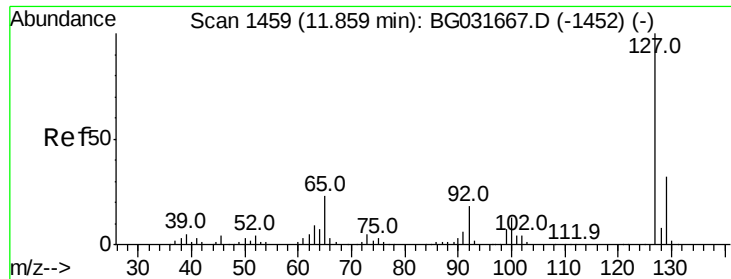
Tot Ion:128 Resp: 413562
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 38.933 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:122 Resp: 80053
Ion Ratio Lower Upper
122 100
105 118.2 123.5 163.5#
77 86.1 85.7 125.7

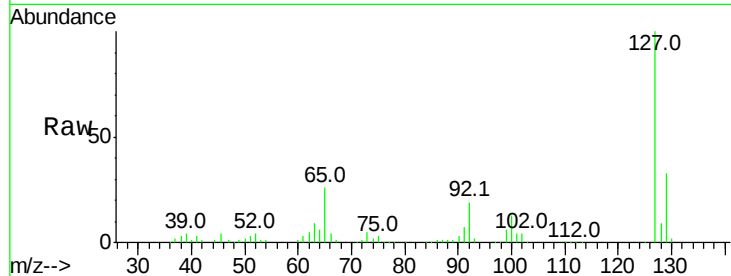




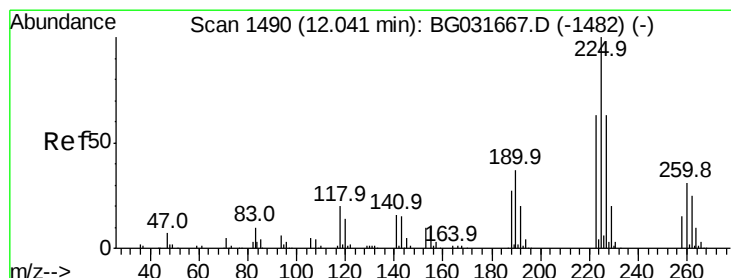
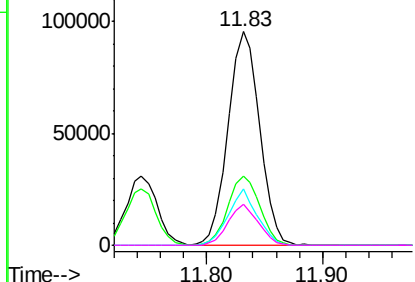
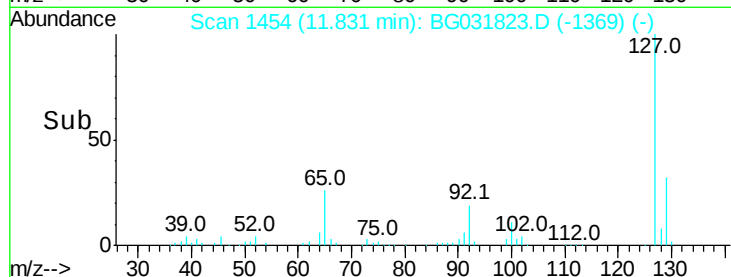
#33
 4-Chloroaniline
 Concen: 38.779 ng
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	181308
Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.0	36.0
65	26.4	27.0	40.4#
92	19.4	16.6	25.0

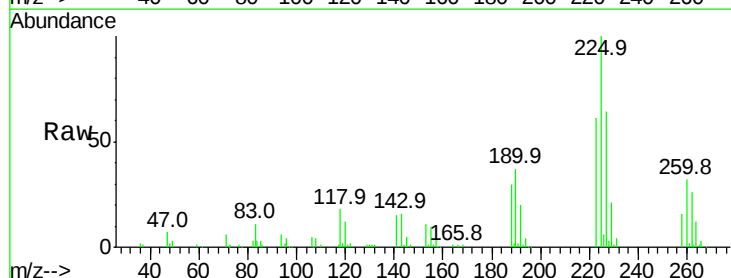


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

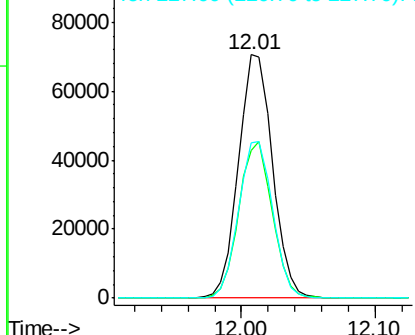
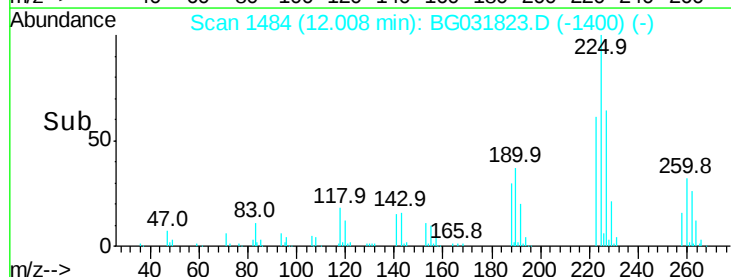


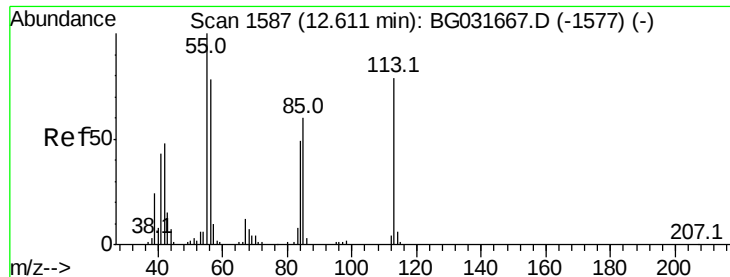
#34
 Hexachlorobutadiene
 Concen: 40.383 ng
 RT: 12.01 min Scan# 1484
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion:	225	Resp:	124524
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	63.6	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: 40.997 ng

RT: 12.58 min Scan# 1582

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

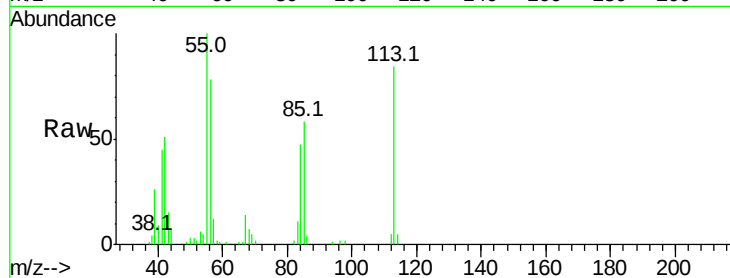
Tot Ion:113 Resp: 45714

Ion Ratio Lower Upper

113 100

55 119.4 186.9 226.9#

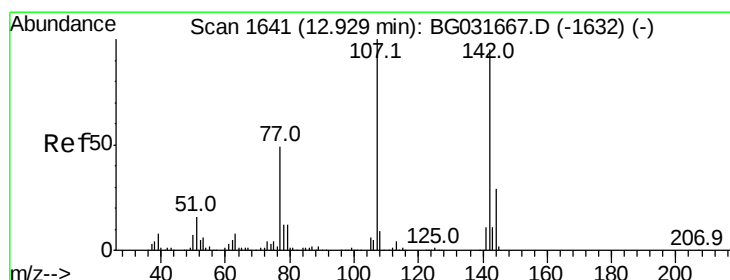
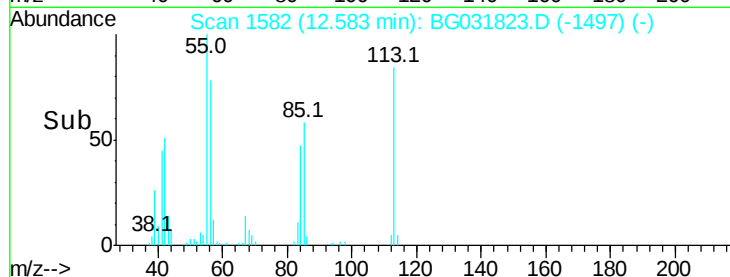
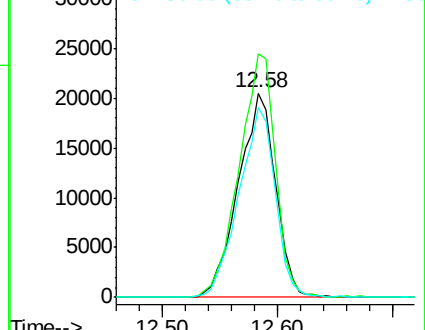
56 93.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.841 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

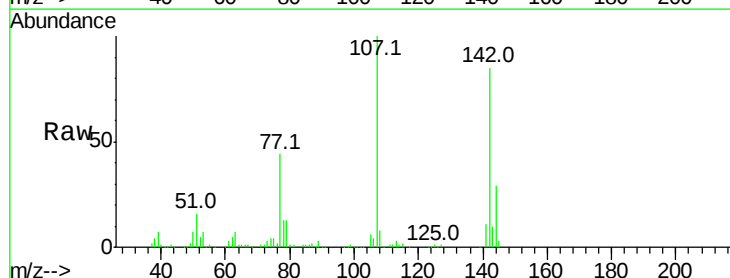
Tgt Ion:107 Resp: 138753

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

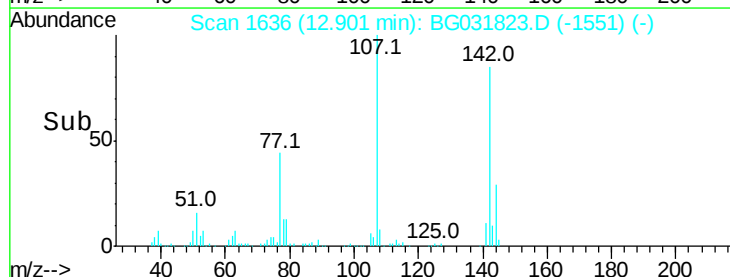
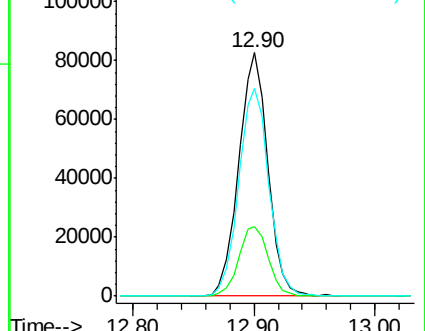
142 85.5 59.0 88.4

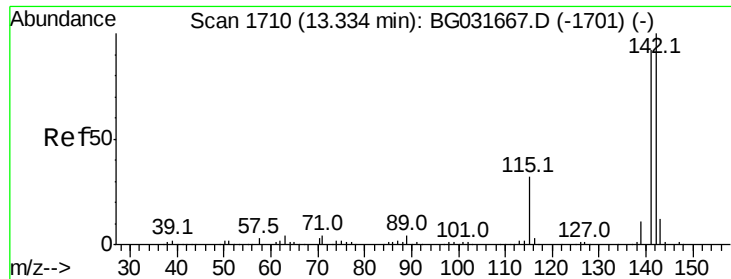


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

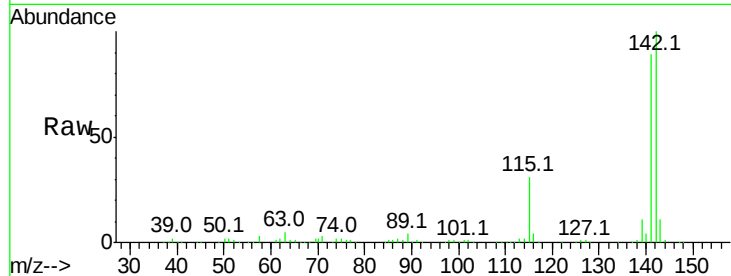




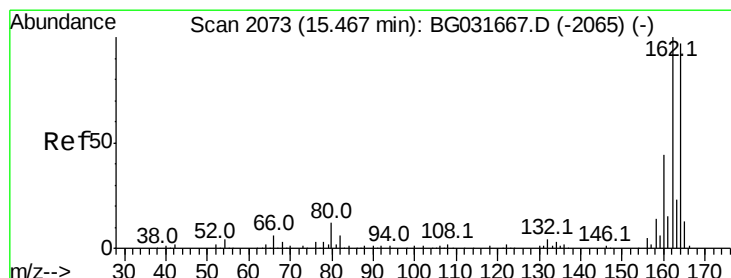
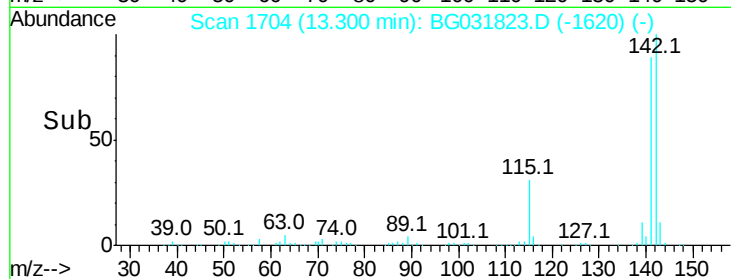
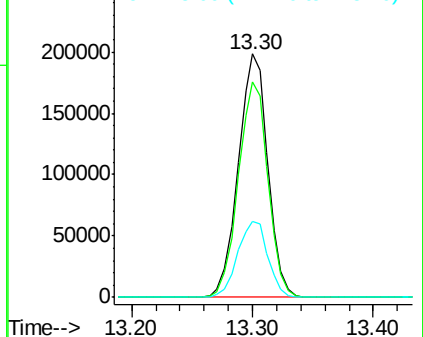
#37
2-Methylnaphthalene
Concen: 39.576 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 336924
Ion Ratio Lower Upper
142 100
141 88.6 67.1 100.7
115 31.1 30.7 46.1

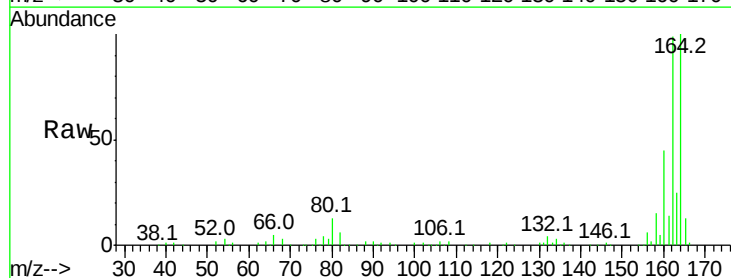


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

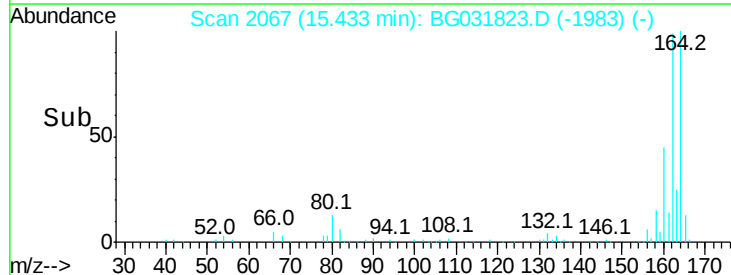
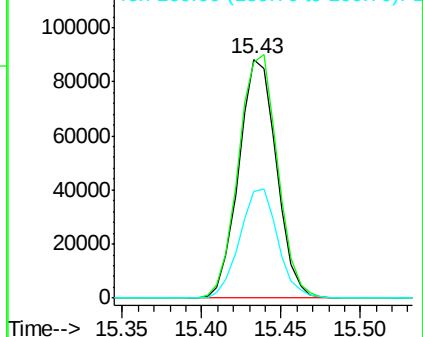


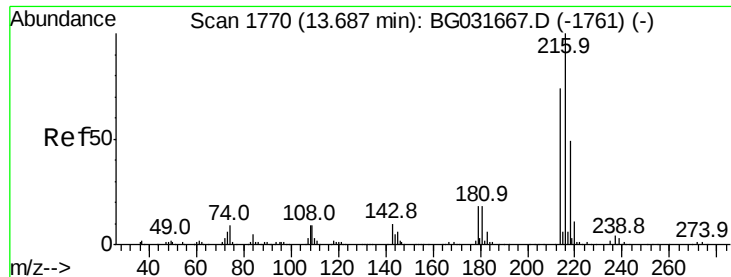
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:164 Resp: 145397
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 44.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

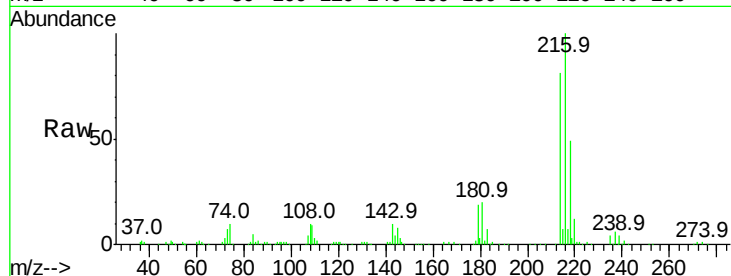




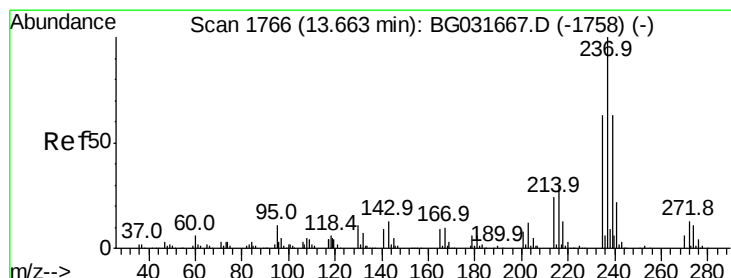
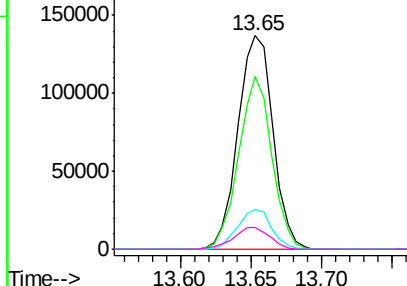
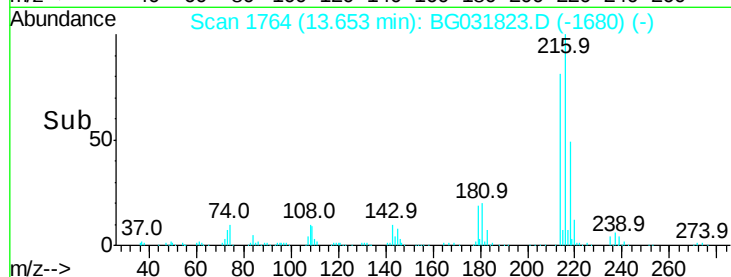
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.831 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	237809
Ion	Ratio	Lower	Upper
216	100		
214	76.5	63.0	94.4
179	18.3	17.0	25.6
108	10.8	12.8	19.2#

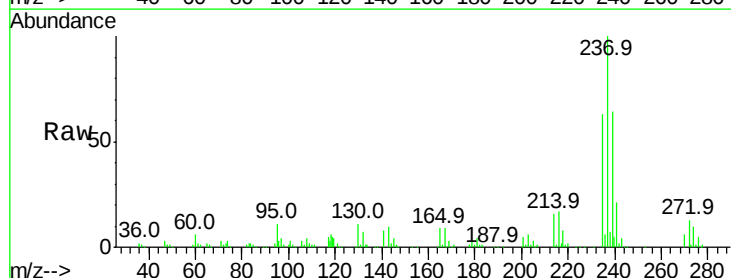


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

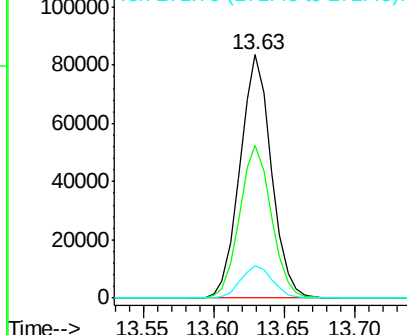
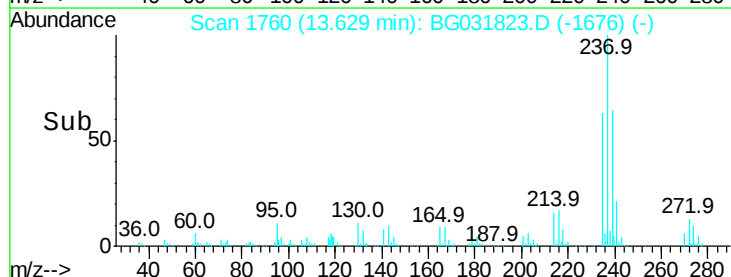


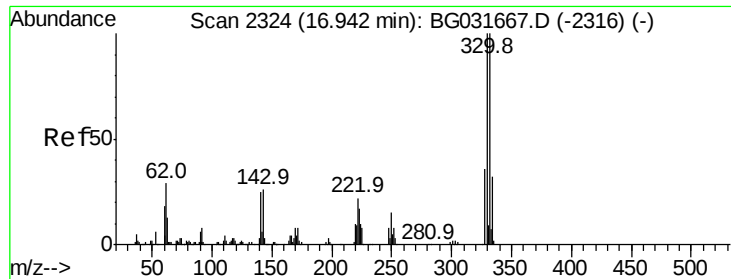
#40
 Hexachlorocyclopentadiene
 Concen: 40.223 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion:	237	Resp:	129953
Ion	Ratio	Lower	Upper
237	100		
235	62.8	50.4	90.4
272	13.4	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: 88.880 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

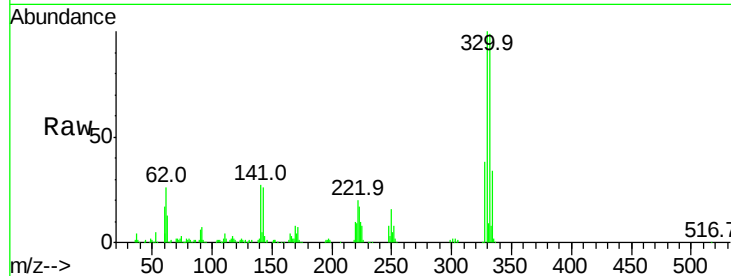
Tot Ion:330 Resp: 197185

Ion Ratio Lower Upper

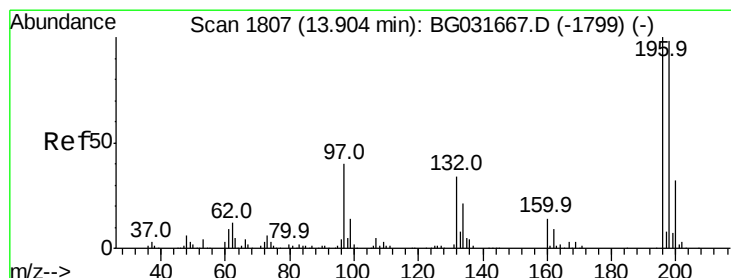
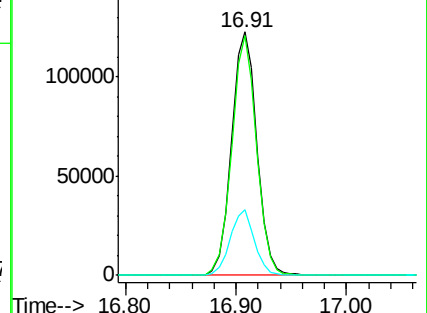
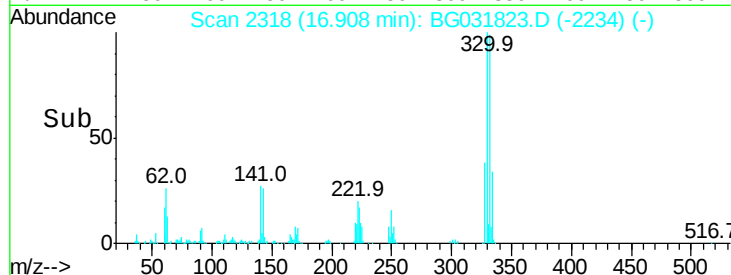
330 100

332 96.0 77.0 115.6

141 25.9 25.2 37.8



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



#42

2,4,6-Trichlorophenol

Concen: 40.097 ng

RT: 13.88 min Scan# 1802

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

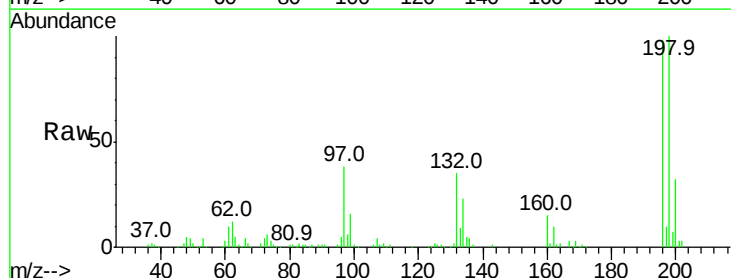
Tgt Ion:196 Resp: 141580

Ion Ratio Lower Upper

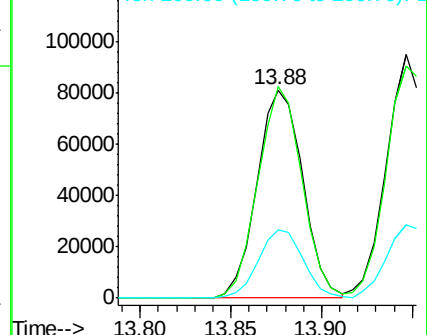
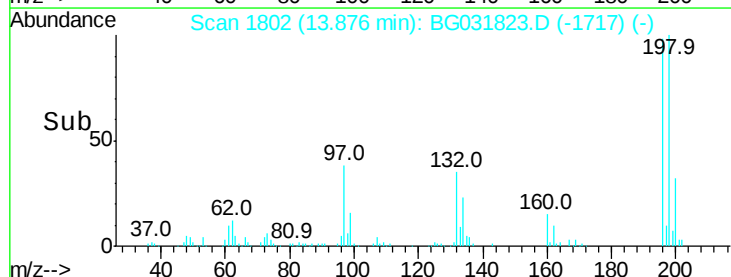
196 100

198 101.5 78.2 117.2

200 33.0 24.6 36.8



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

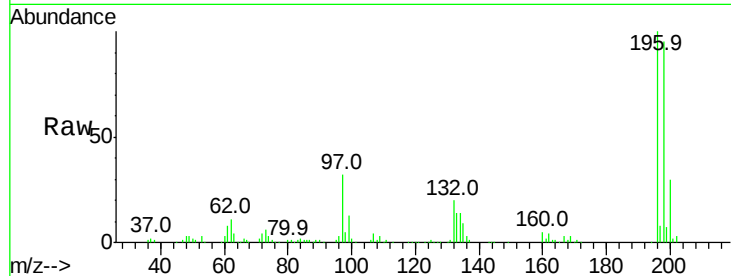




#43
 2,4,5-Trichlorophenol
 Concen: 40.201 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.2	114.4
97	32.2	38.7	58.1
132	20.4	20.2	30.2



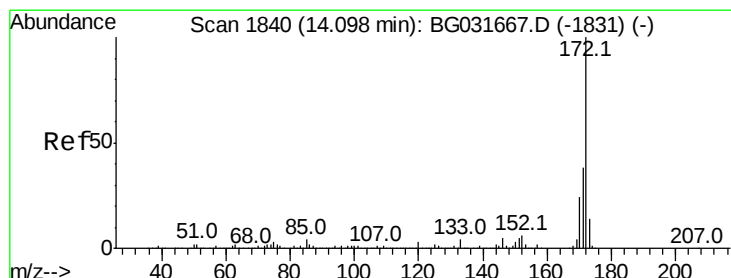
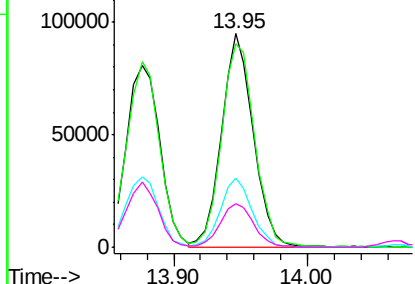
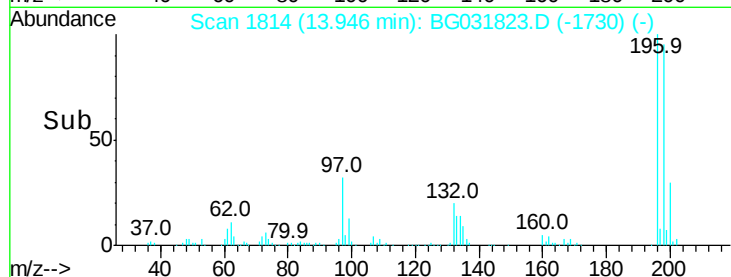
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

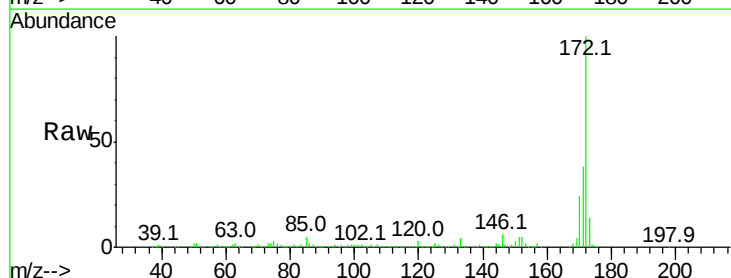
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.099 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.8	19.5	29.3

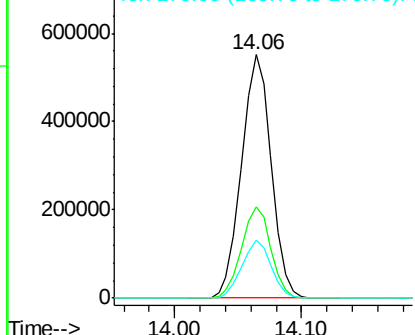
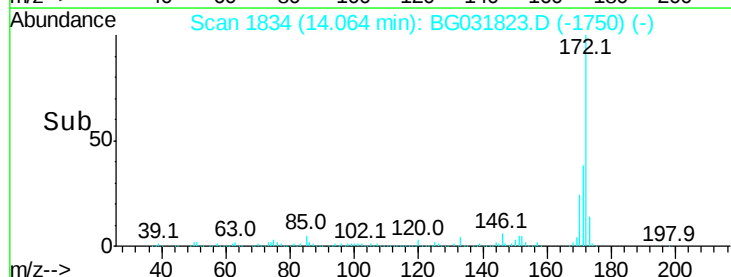


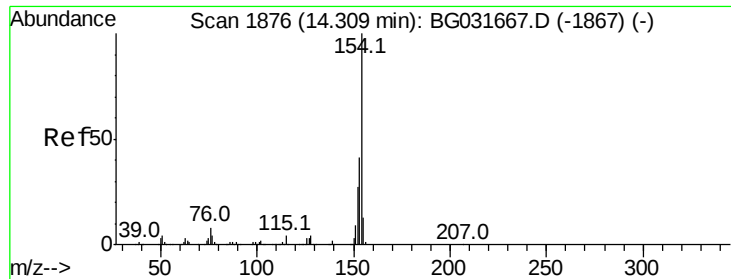
Abundance

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: 38.834 ng

RT: 14.28 min Scan# 1870

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

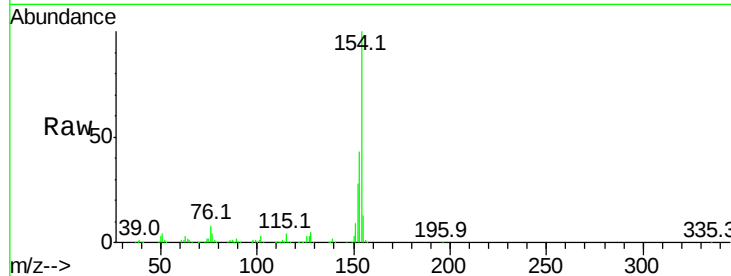
Tot Ion:154 Resp: 482247

Ion Ratio Lower Upper

154 100

153 42.7 19.8 59.8

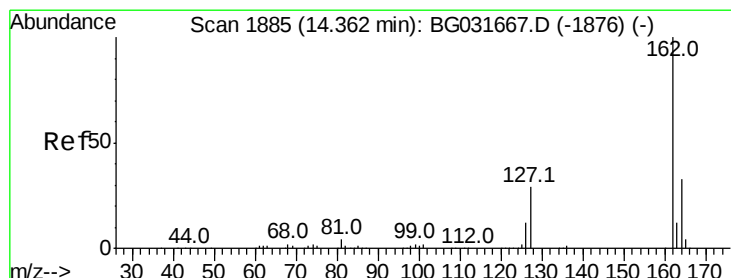
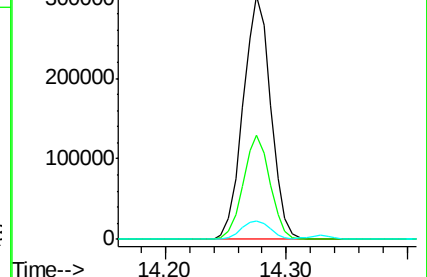
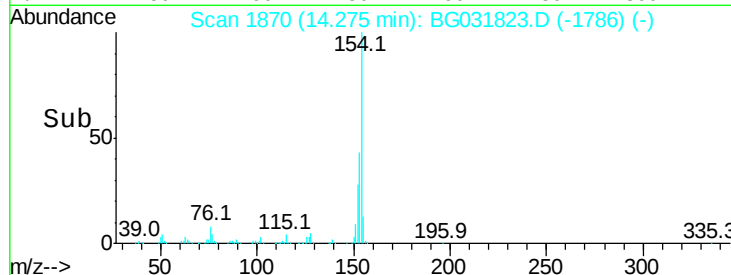
76 7.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.373 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

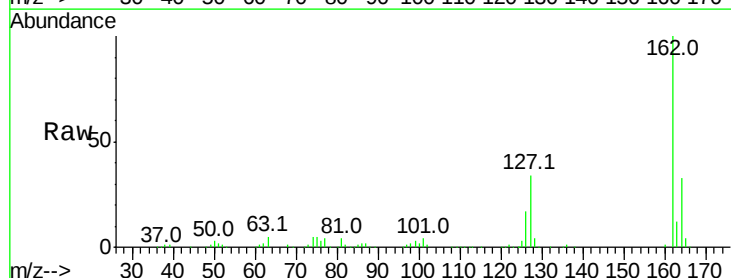
Tgt Ion:162 Resp: 363478

Ion Ratio Lower Upper

162 100

127 34.5 30.7 46.1

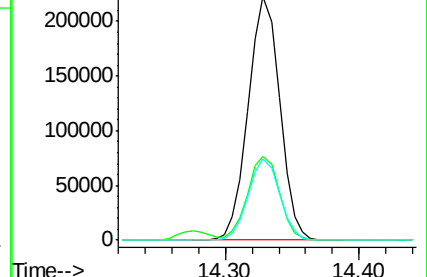
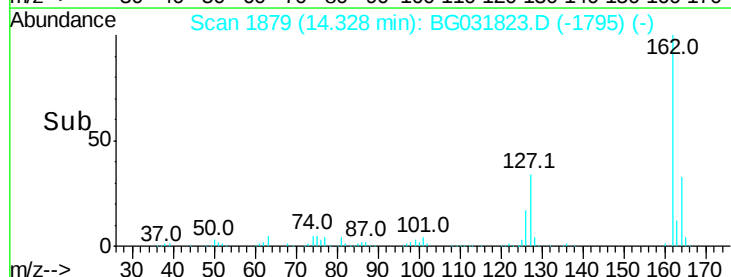
164 33.3 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.006 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

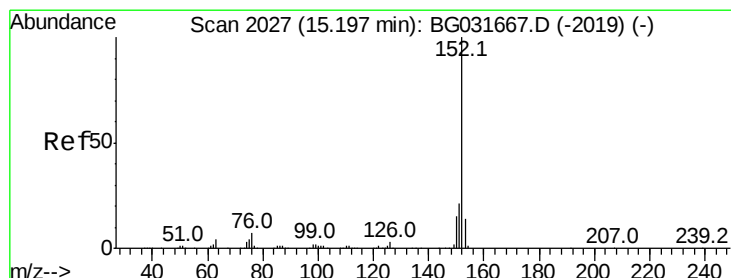
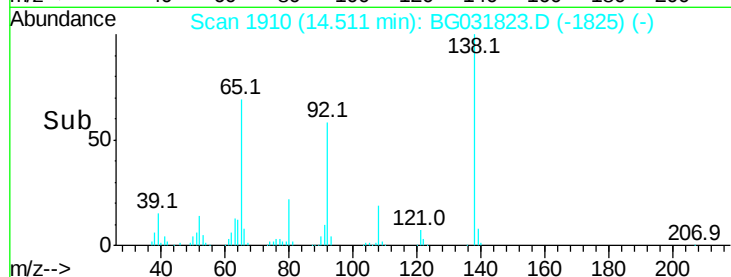
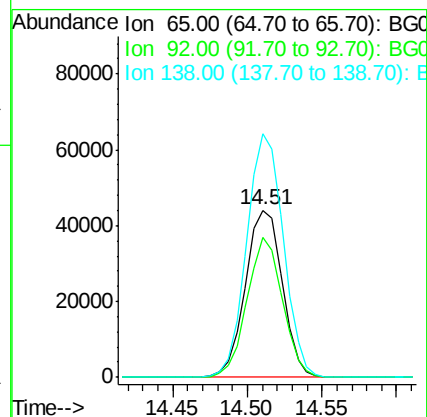
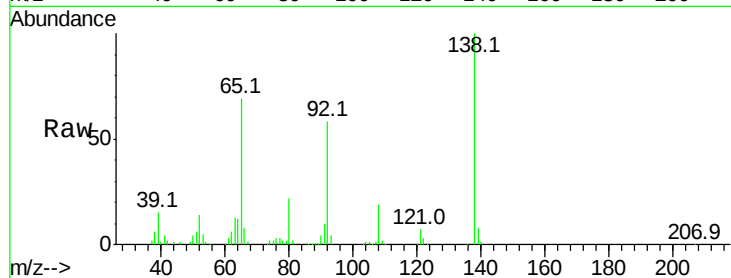
Tot Ion: 65 Resp: 75262

Ion Ratio Lower Upper

65 100

92 84.0 54.6 82.0#

138 145.9 72.9 109.3#



#48

Acenaphthylene

Concen: 38.582 ng

RT: 15.16 min Scan# 2021

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

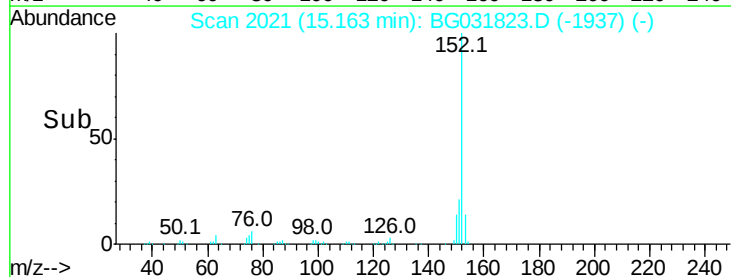
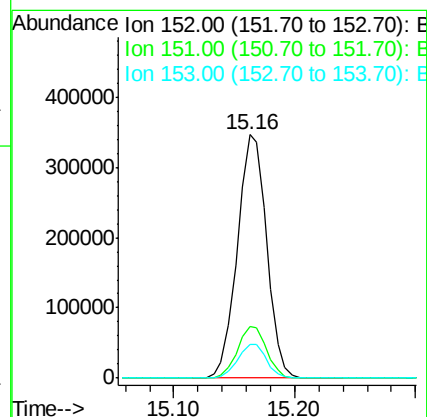
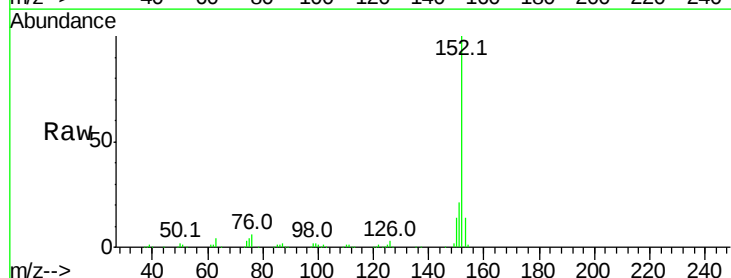
Tgt Ion:152 Resp: 584657

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

153 13.8 10.2 15.4

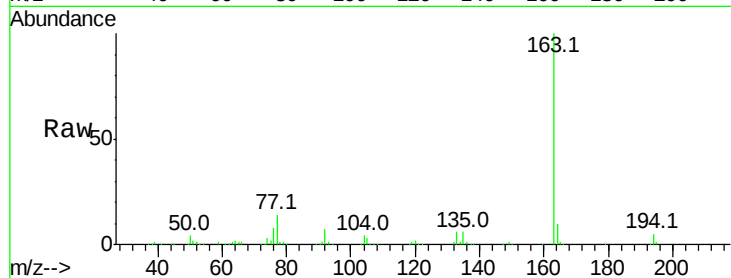




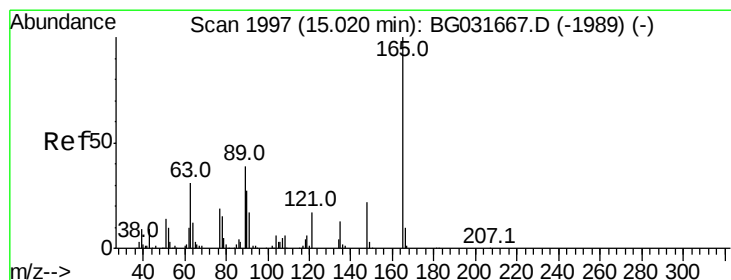
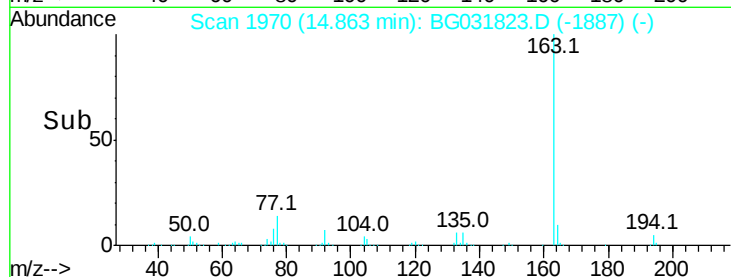
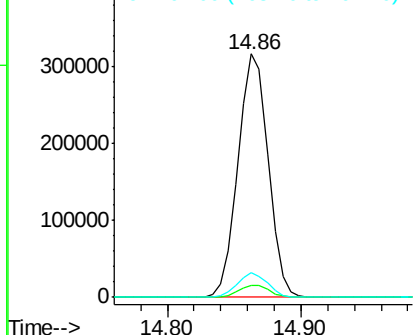
#49
Dimethylphthalate
Concen: 38.677 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.0	8.2	12.4

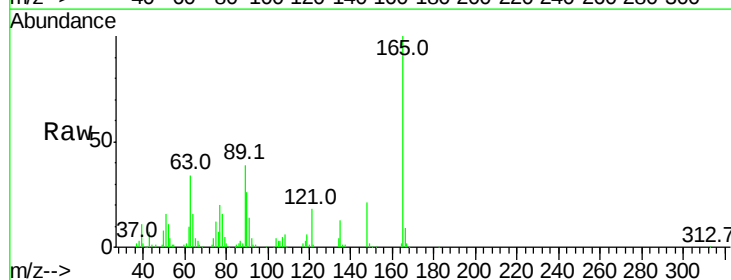


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

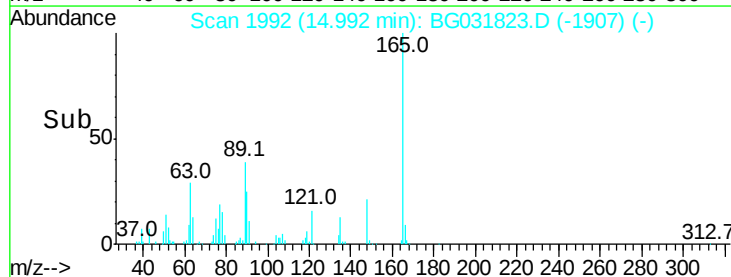
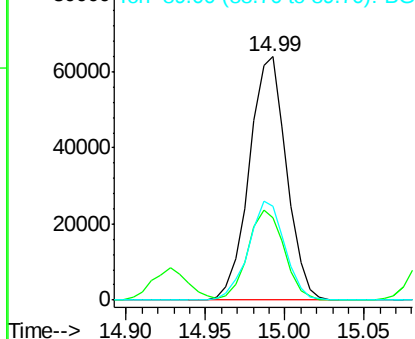


#50
2,6-Dinitrotoluene
Concen: 44.269 ng
RT: 14.99 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.7	52.7	79.1#
89	38.5	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.072 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

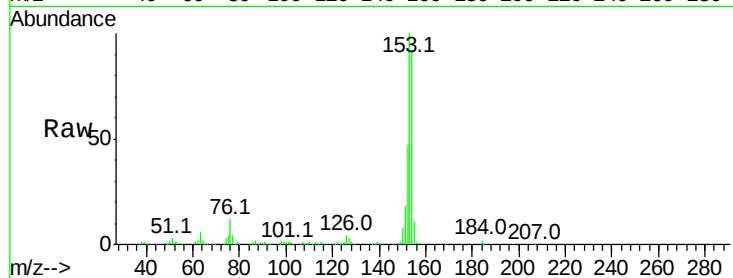
Tot Ion:154 Resp: 397695

Ion Ratio Lower Upper

154 100

153 108.2 90.4 135.6

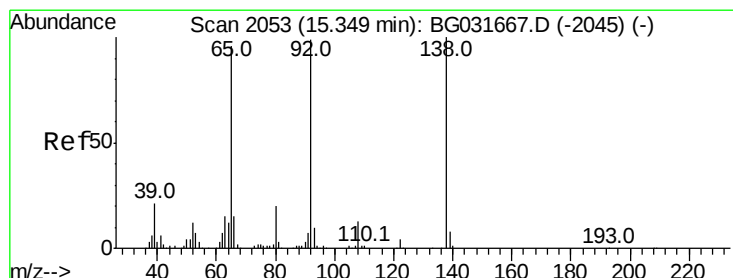
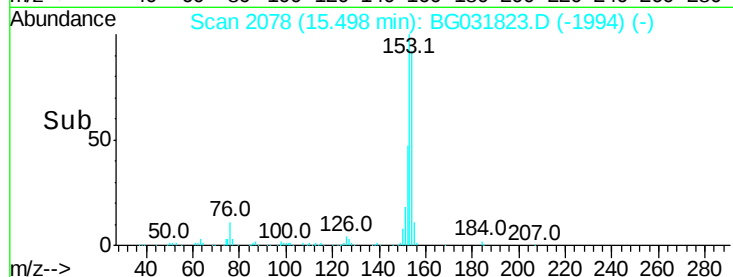
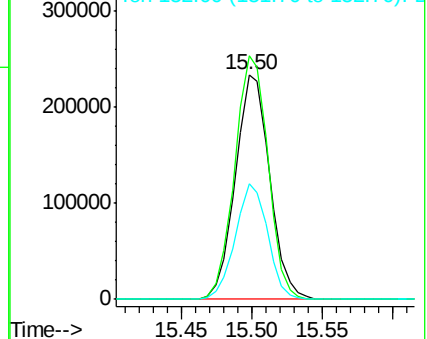
152 51.4 41.6 62.4



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: 43.517 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

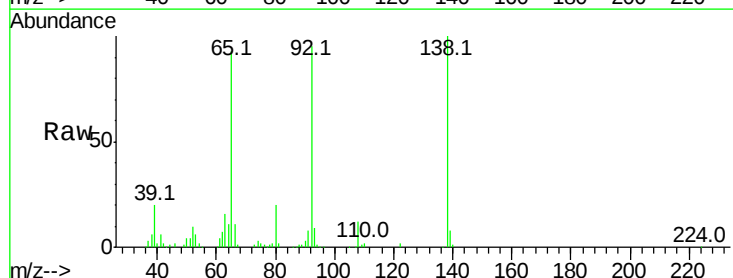
Tgt Ion:138 Resp: 100043

Ion Ratio Lower Upper

138 100

108 11.7 17.5 26.3#

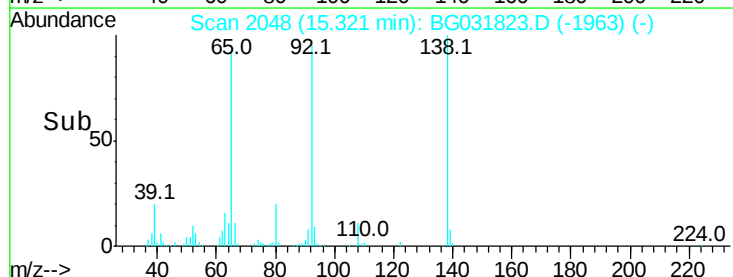
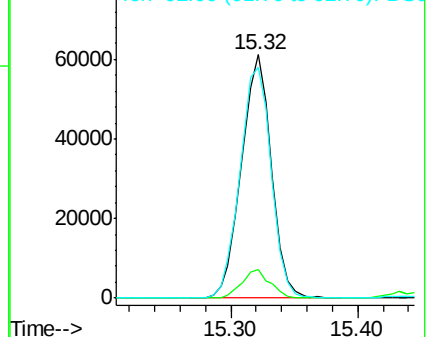
92 94.8 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

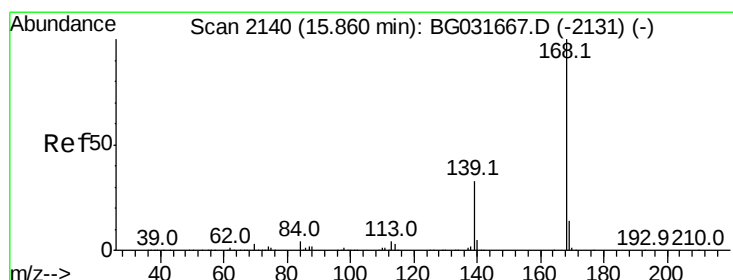
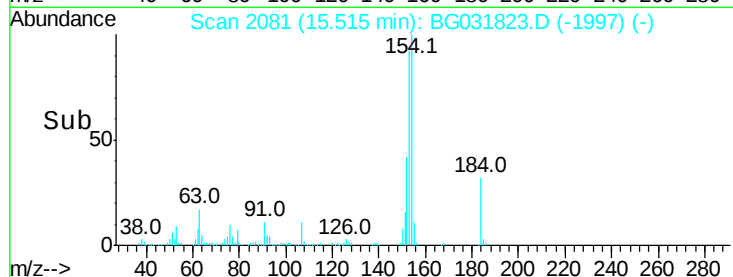
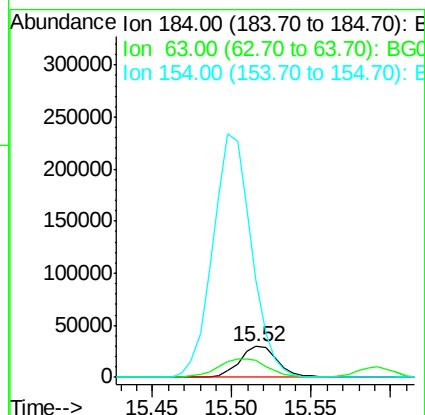
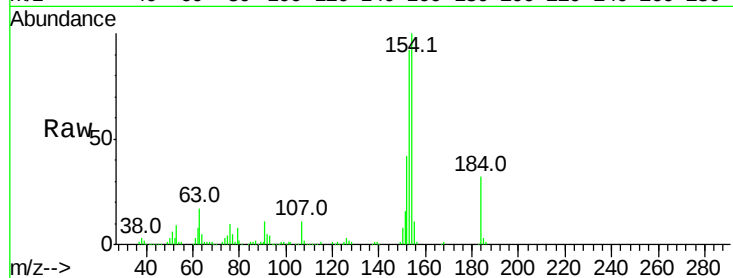




#53
2,4-Dinitrophenol
Concen: 52.690 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

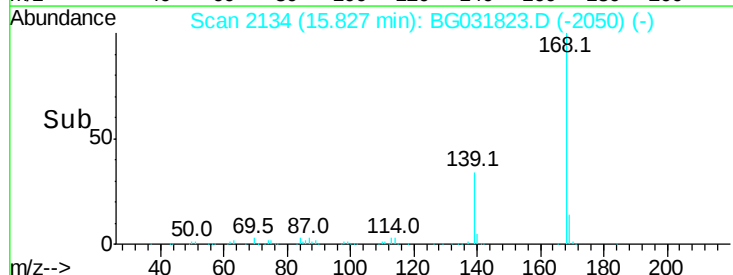
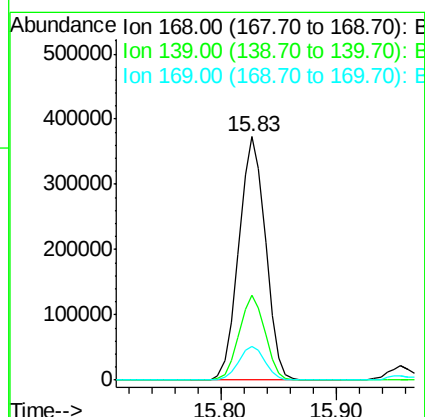
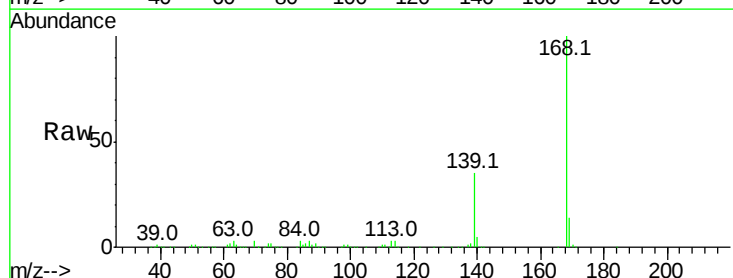
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 49861
Ion Ratio Lower Upper
184 100
63 54.7 59.8 89.8#
154 315.5 101.8 152.8#



#54
Dibenzofuran
Concen: 39.116 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:168 Resp: 595084
Ion Ratio Lower Upper
168 100
139 34.8 28.6 43.0
169 13.7 11.2 16.8

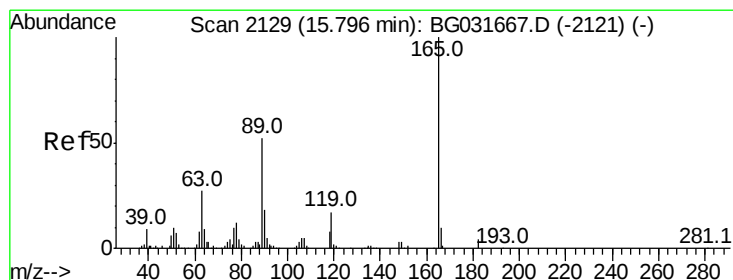
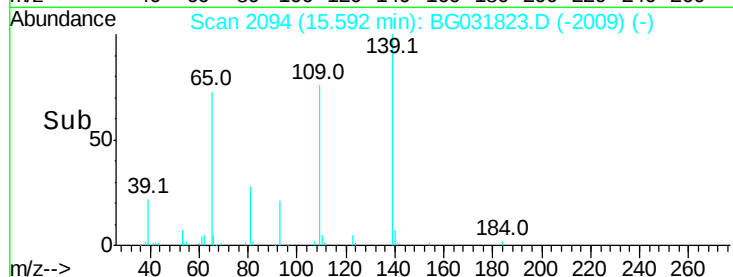
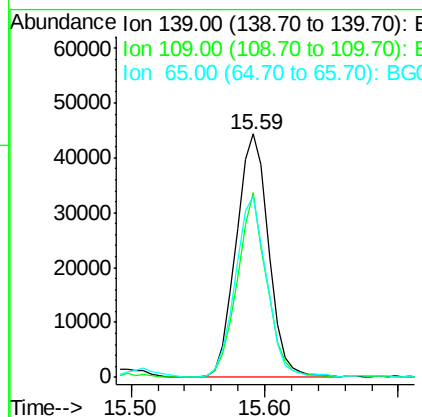
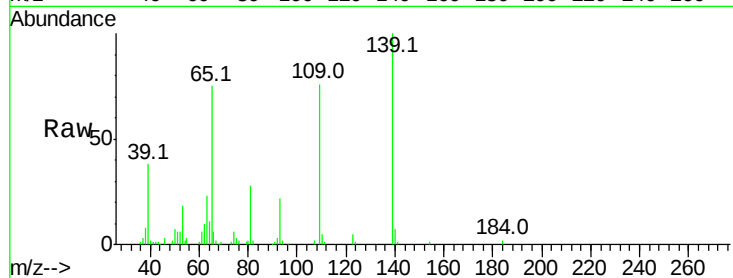




#55
4-Nitrophenol
Concen: 39.988 ng
RT: 15.59 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

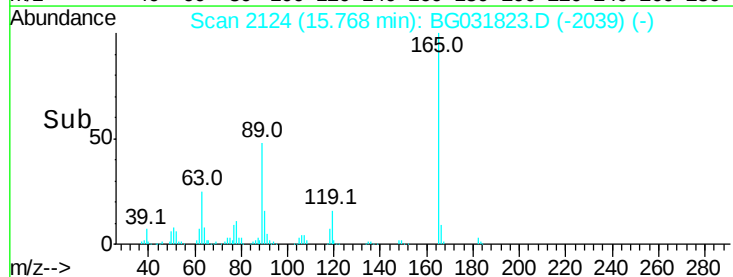
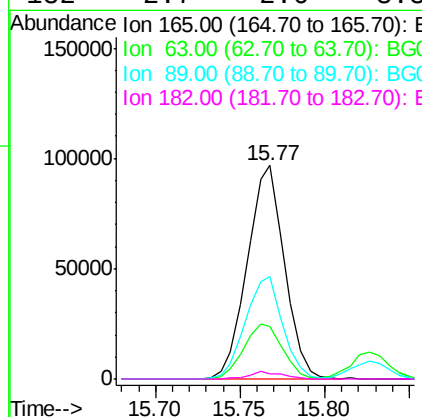
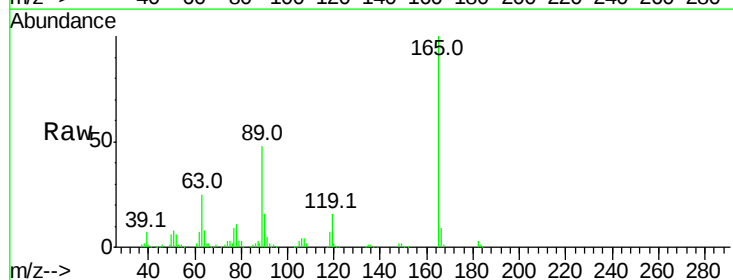
Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 74823
Ion Ratio Lower Upper
139 100
109 76.0 62.2 102.2
65 74.5 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 48.629 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:165 Resp: 147343
Ion Ratio Lower Upper
165 100
63 24.7 42.0 63.0#
89 48.1 66.9 100.3#
182 2.7 2.6 3.8

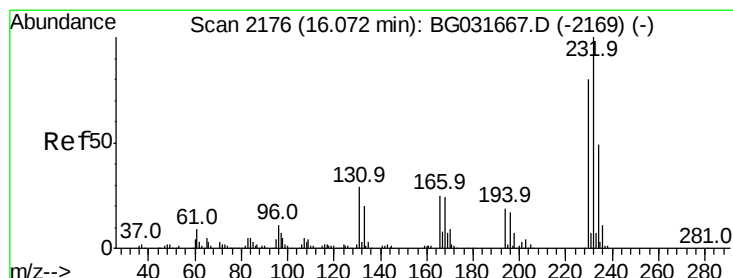
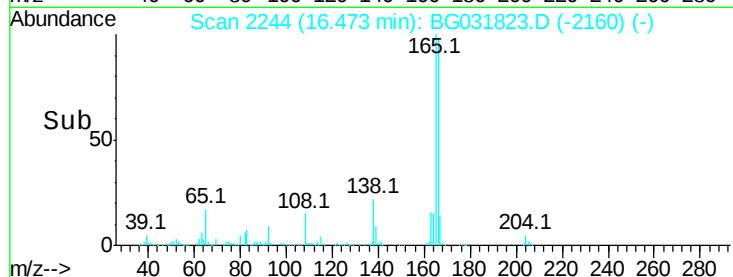
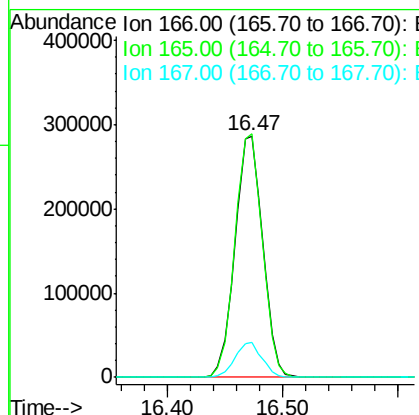
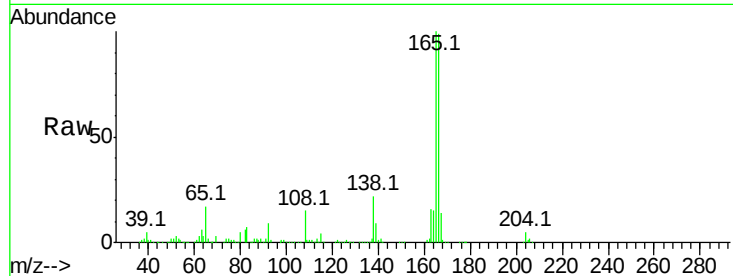




#57
 Fluorene
 Concen: 38.460 ng
 RT: 16.47 min Scan# 2244
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

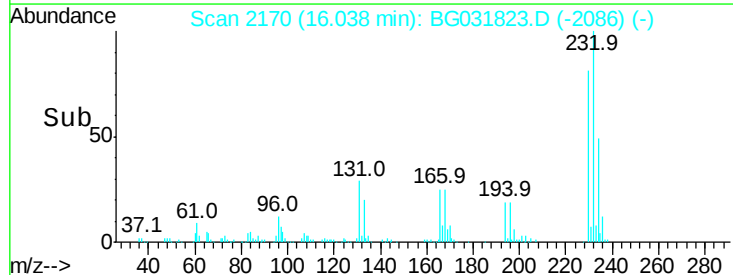
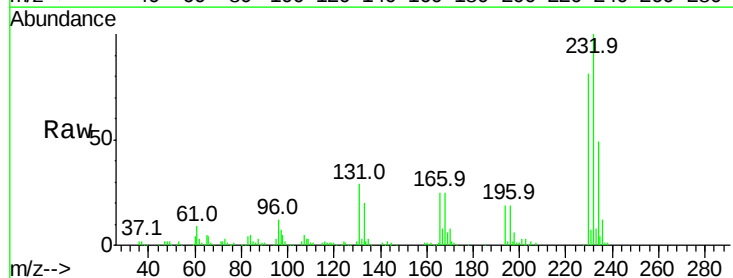
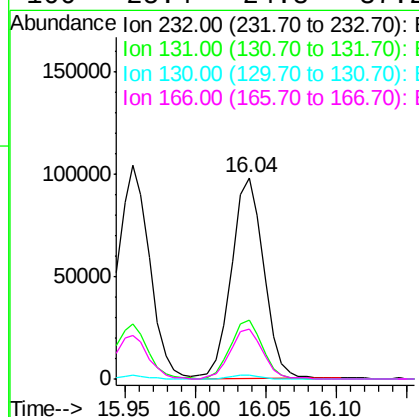
Instrument :
 BNA_G
 ClientSampleId :

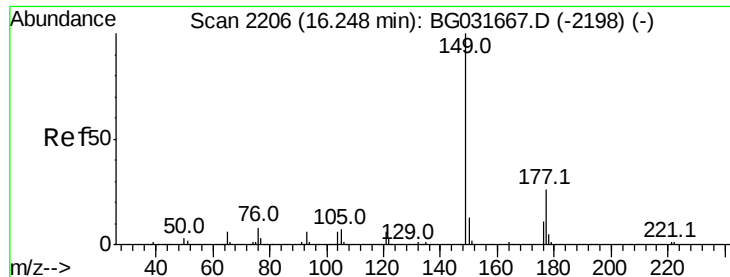
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	80.6	121.0
167	14.6	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.852 ng
 RT: 16.04 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.3	33.5	50.3#
130	1.8	2.2	3.2#
166	25.4	24.8	37.2





#59

Diethylphthalate

Concen: 37.903 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampled :

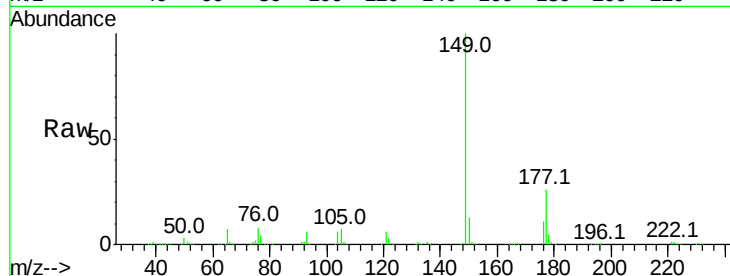
Tot Ion:149 Resp: 473193

Ion Ratio Lower Upper

149 100

177 26.2 18.5 27.7

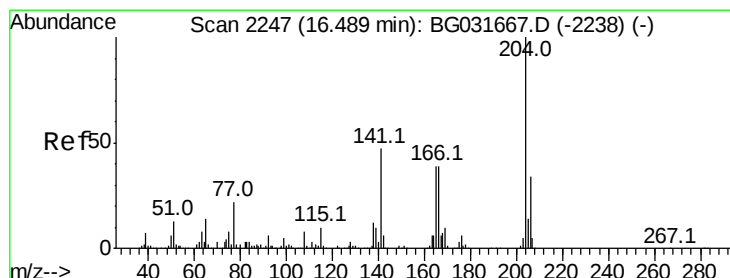
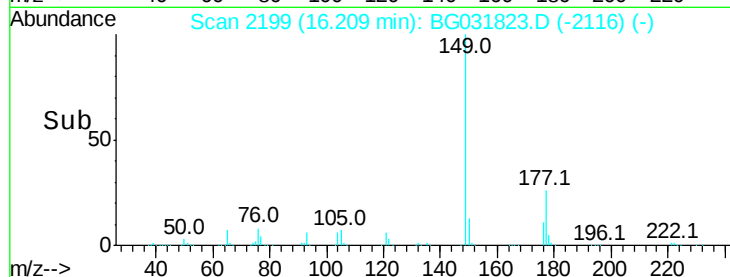
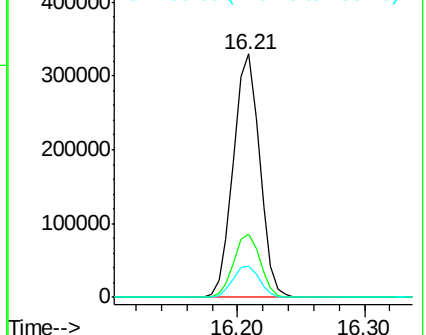
150 12.8 10.2 15.2



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: 38.854 ng

RT: 16.45 min Scan# 2240

Delta R.T. -0.04 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

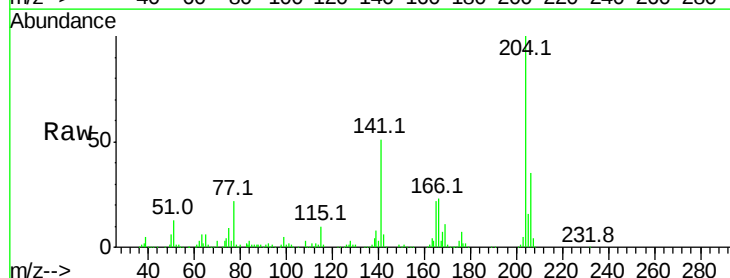
Tgt Ion:204 Resp: 293813

Ion Ratio Lower Upper

204 100

206 34.9 26.2 39.2

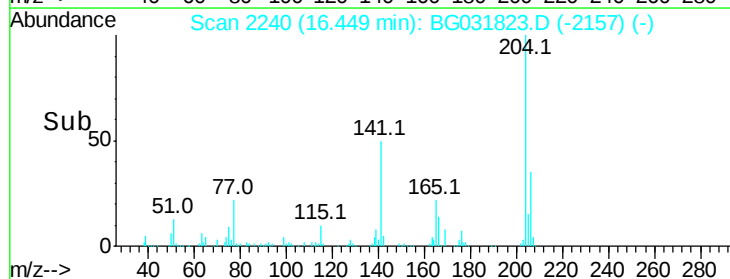
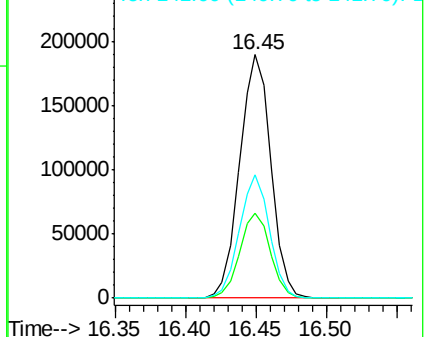
141 50.8 45.8 68.6



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

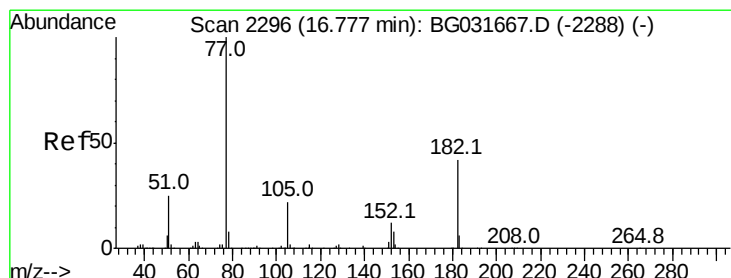
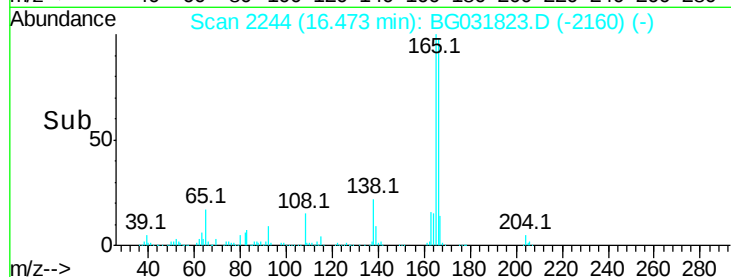
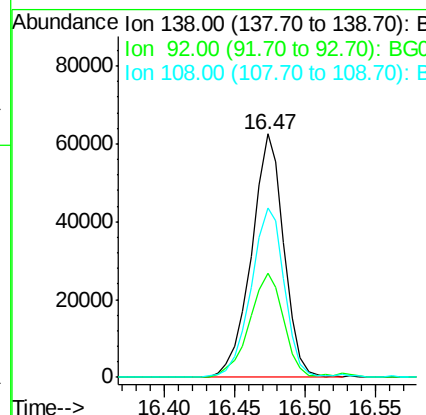
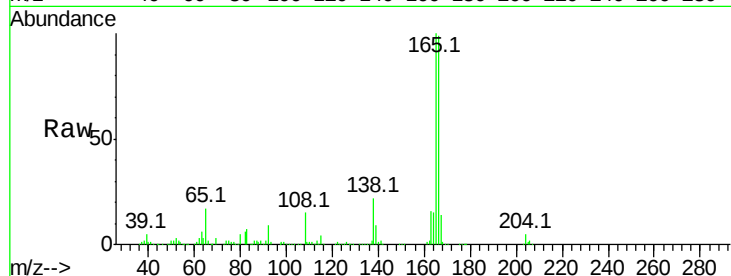




#61
4-Nitroaniline
Concen: 44.833 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

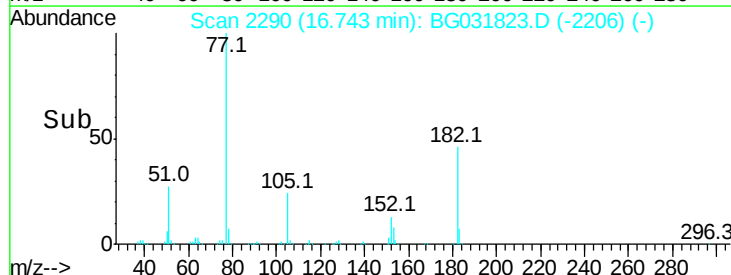
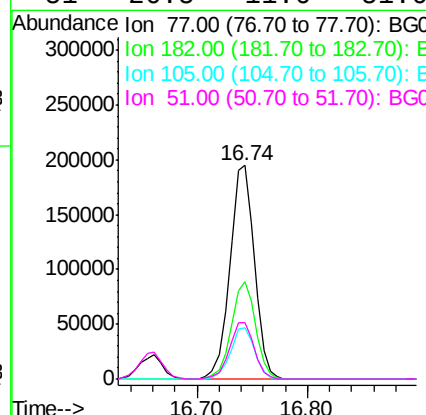
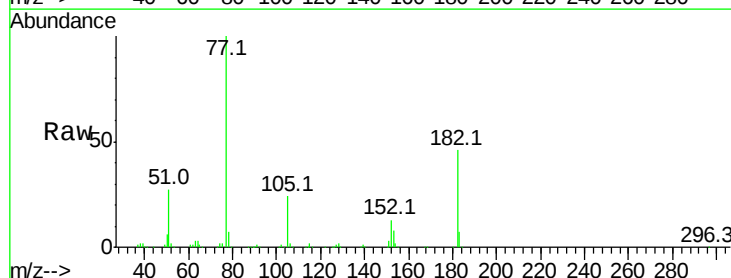
Instrument :
BNA_G
ClientSampleId :

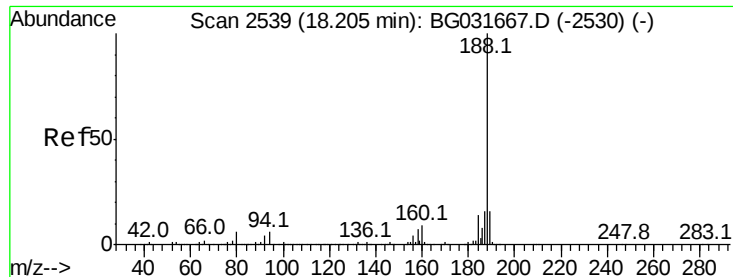
Tot Ion:138 Resp: 100579
Ion Ratio Lower Upper
138 100
92 43.0 40.1 80.1
108 69.8 65.4 105.4



#62
Azobenzene
Concen: 37.828 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion: 77 Resp: 302869
Ion Ratio Lower Upper
77 100
182 45.6 7.4 47.4
105 24.3 0.3 40.3
51 26.5 11.6 51.6

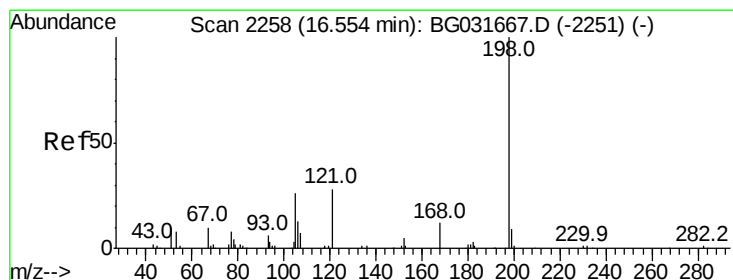
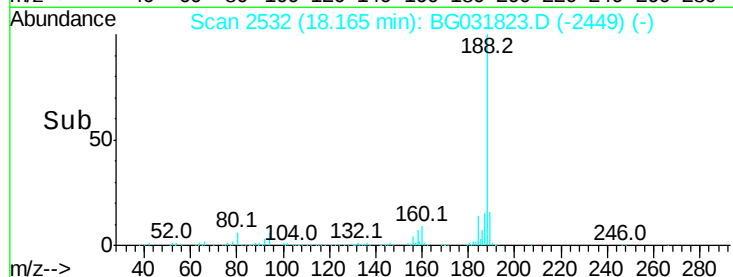
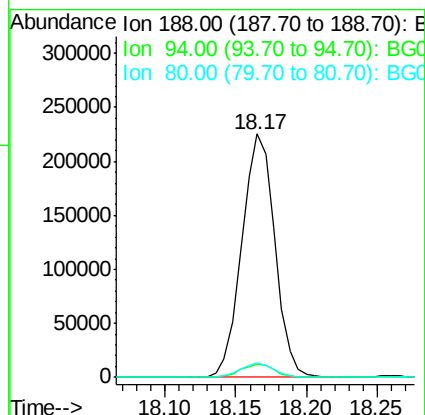
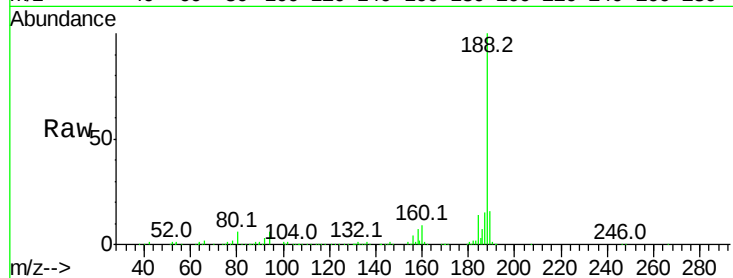




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

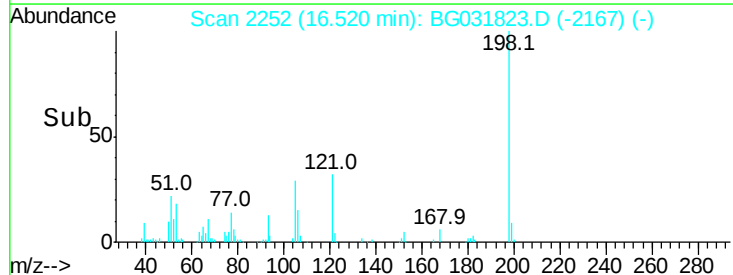
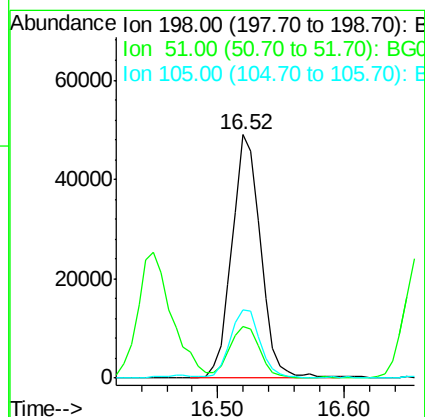
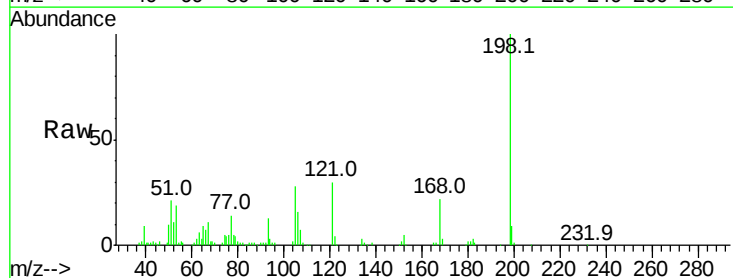
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 367876
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 5.8 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.750 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:198 Resp: 76705
Ion Ratio Lower Upper
198 100
51 21.3 30.6 70.6#
105 27.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.490 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

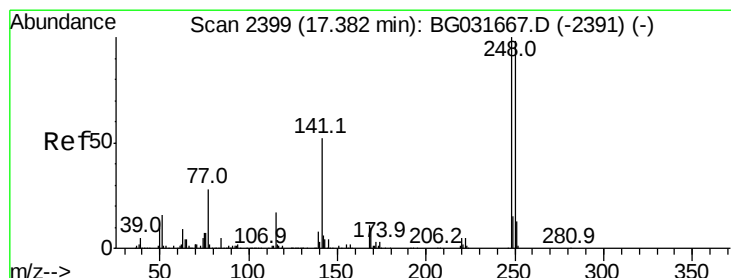
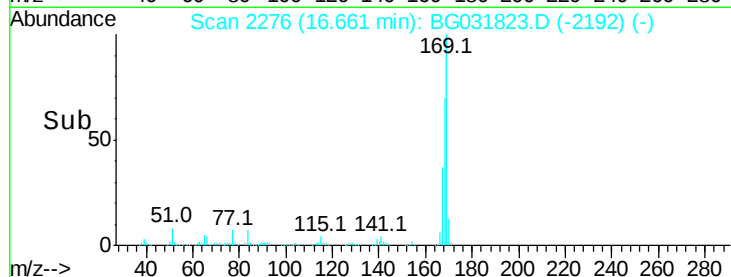
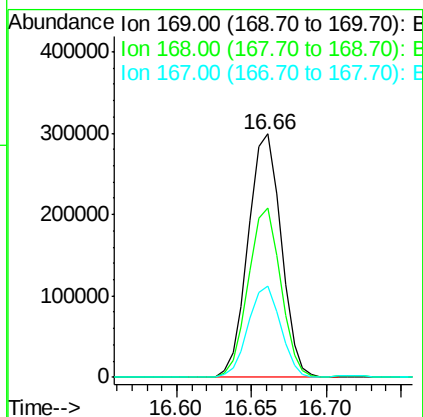
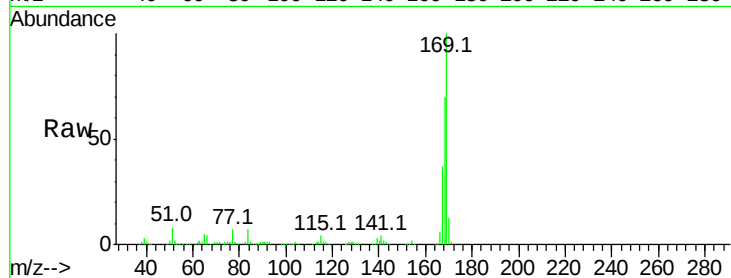
Tot Ion:169 Resp: 458057

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

167 37.3 30.1 45.1



#66

4-Bromophenyl-phenylether

Concen: 38.898 ng

RT: 17.34 min Scan# 2392

Delta R.T. -0.04 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

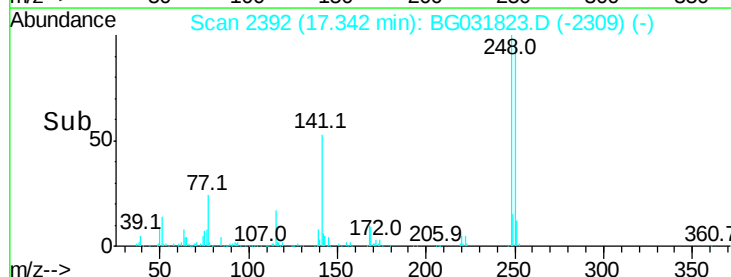
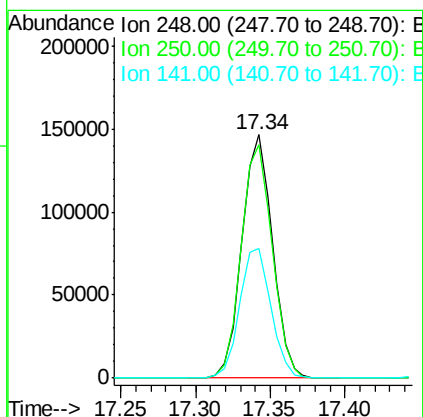
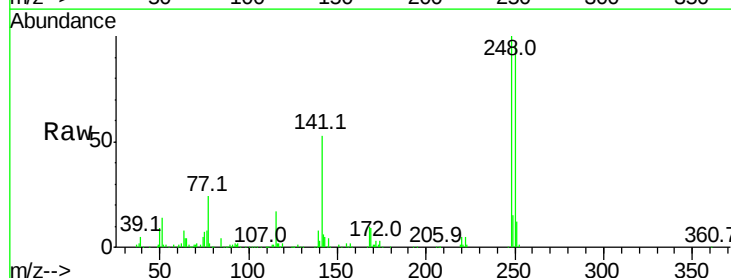
Tgt Ion:248 Resp: 206925

Ion Ratio Lower Upper

248 100

250 95.9 77.1 115.7

141 53.0 50.8 76.2





#67

Hexachlorobenzene

Concen: 40.263 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

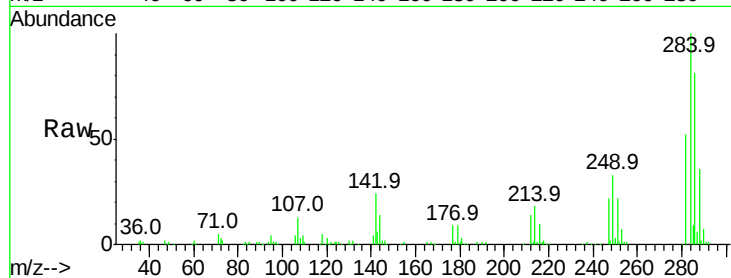
Tot Ion:284 Resp: 218954

Ion Ratio Lower Upper

284 100

142 23.9 26.8 40.2#

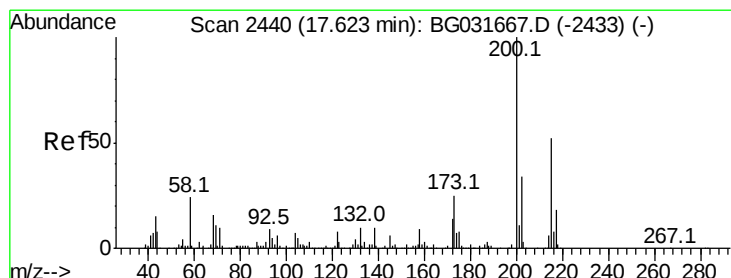
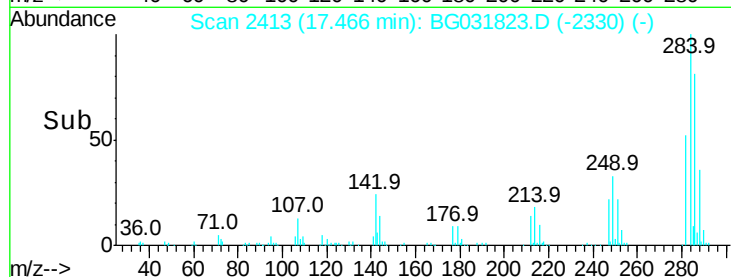
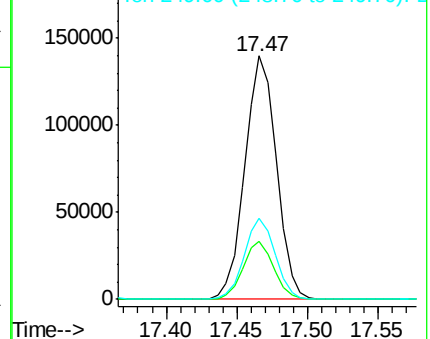
249 33.3 26.3 39.5



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: 38.652 ng

RT: 17.58 min Scan# 2433

Delta R.T. -0.04 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

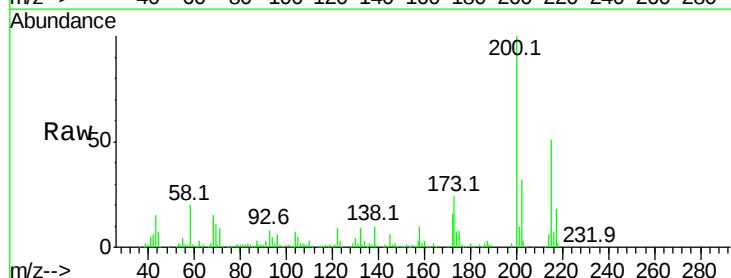
Tgt Ion:200 Resp: 183628

Ion Ratio Lower Upper

200 100

173 23.9 5.2 45.2

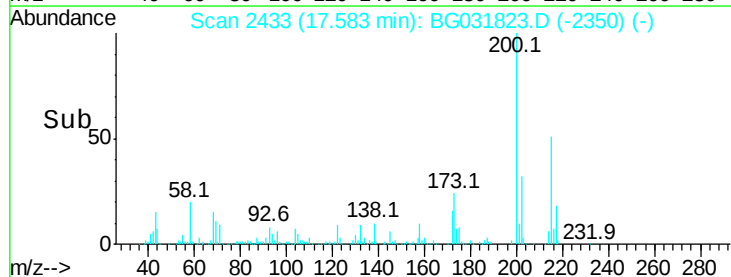
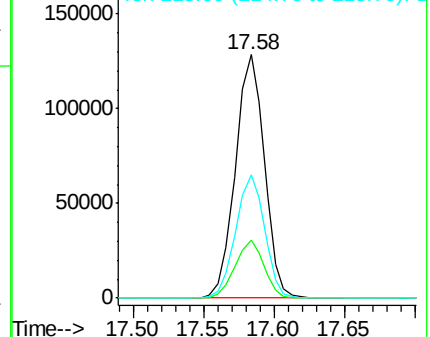
215 50.8 30.4 70.4

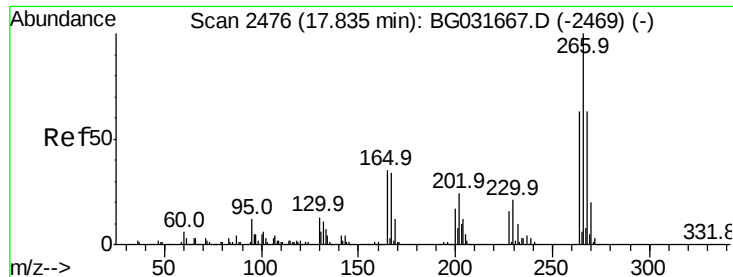


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

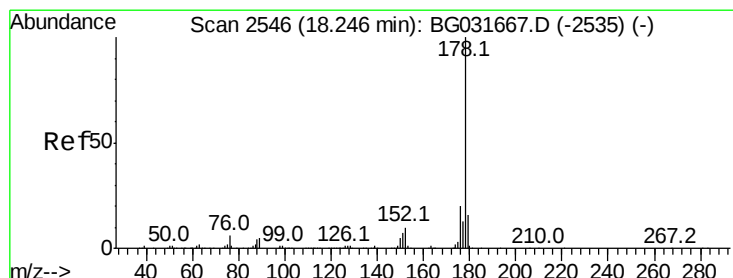
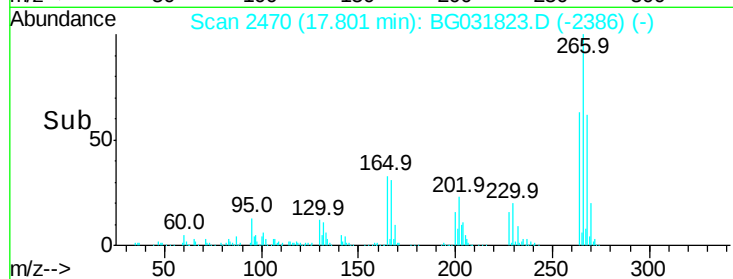
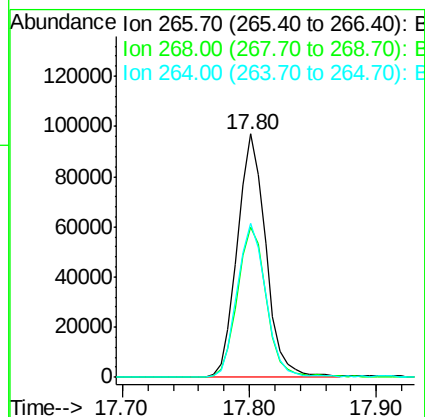
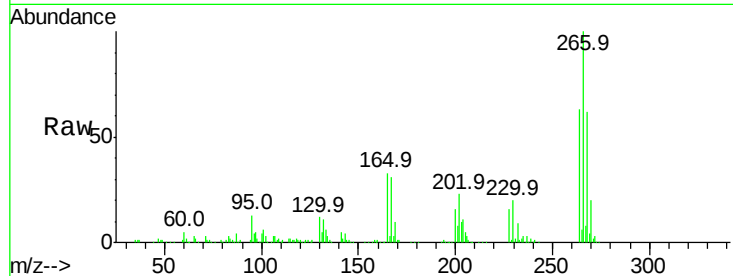




#69
 Pentachlorophenol
 Concen: 40.331 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

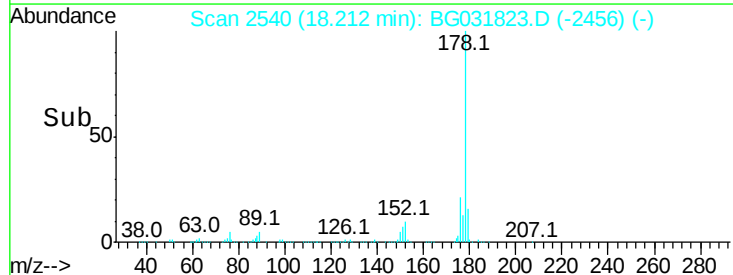
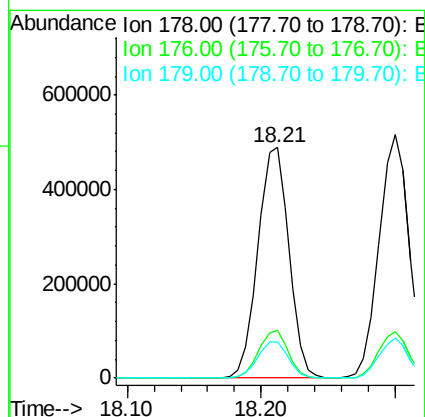
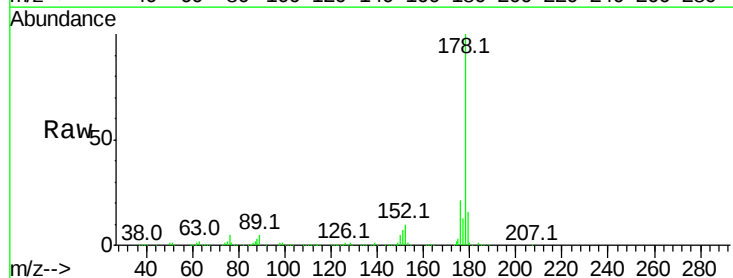
Instrument :
 BNA_G
 ClientSampleId :

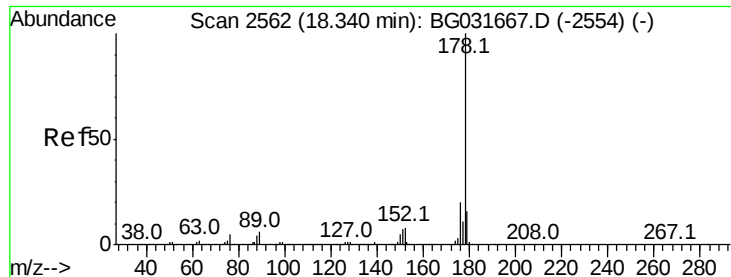
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	63.1	49.6	74.4



#70
 Phenanthrene
 Concen: 37.661 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	15.9	12.5	18.7

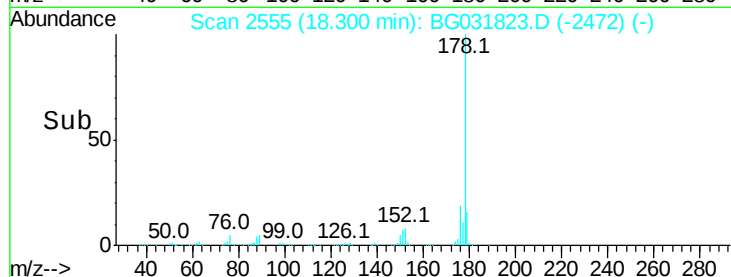
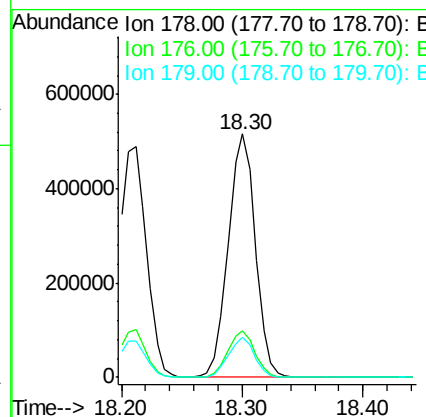
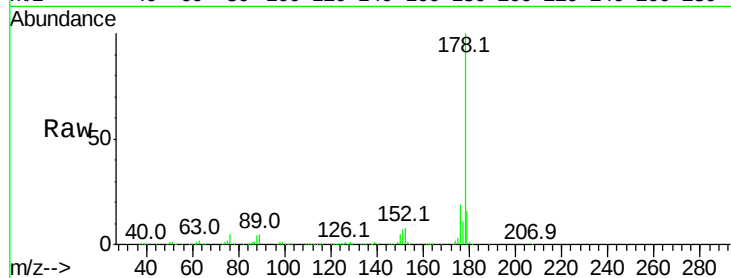




#71
 Anthracene
 Concen: 37.977 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

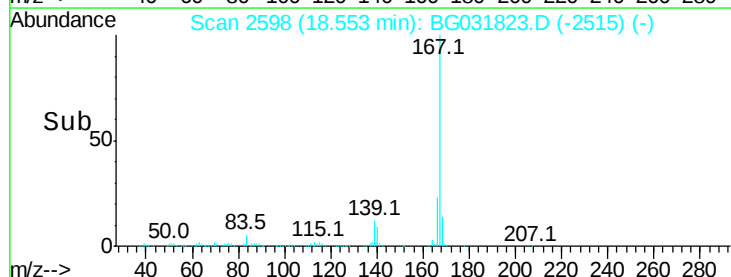
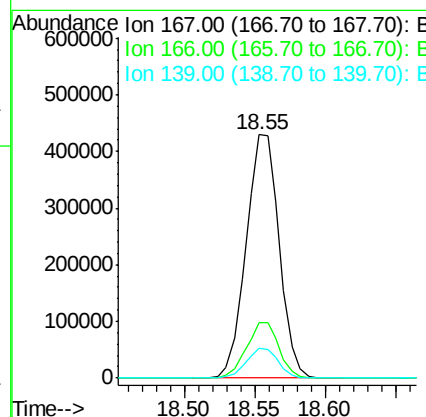
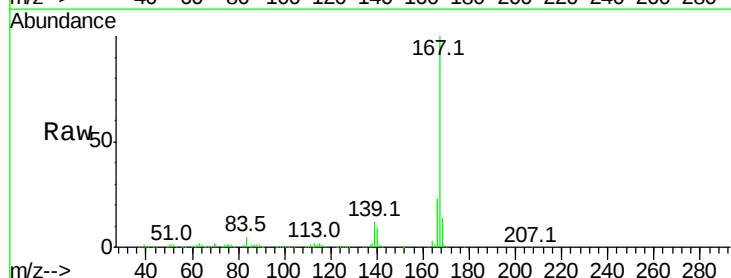
Instrument :
 BNA_G
 ClientSampleId :

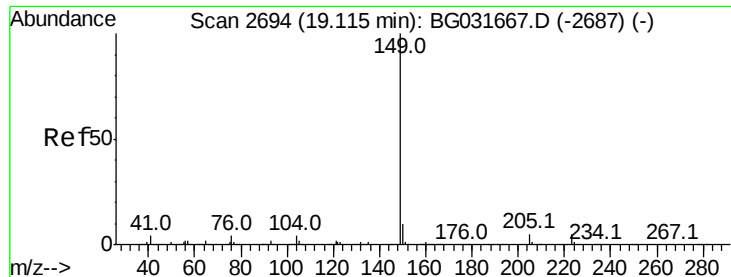
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	16.3	12.5	18.7



#72
 Carbazole
 Concen: 37.852 ng
 RT: 18.55 min Scan# 2598
 Delta R.T. -0.04 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.0	9.4	14.2

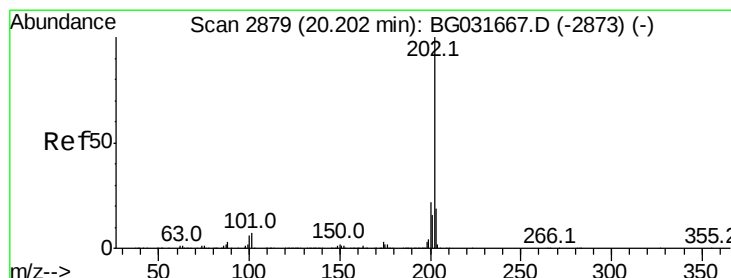
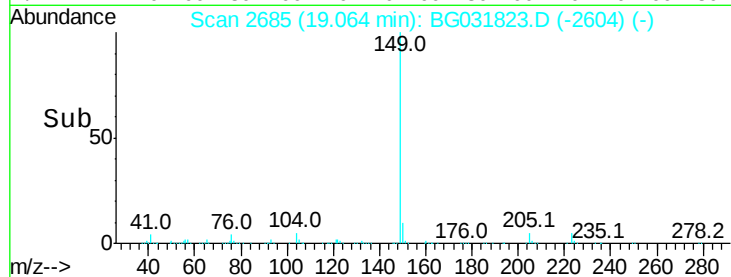
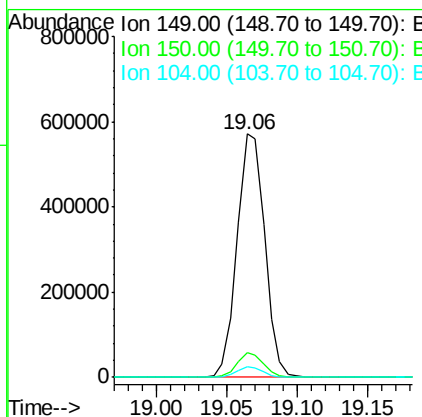
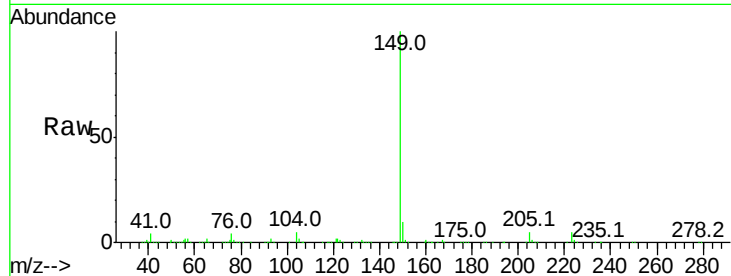




#73
Di-n-butylphthalate
Concen: 37.881 ng
RT: 19.06 min Scan# 2685
Delta R.T. -0.05 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

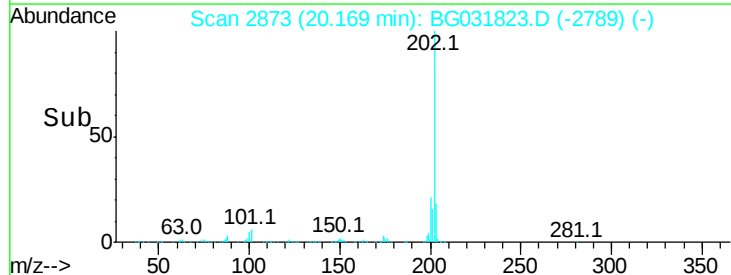
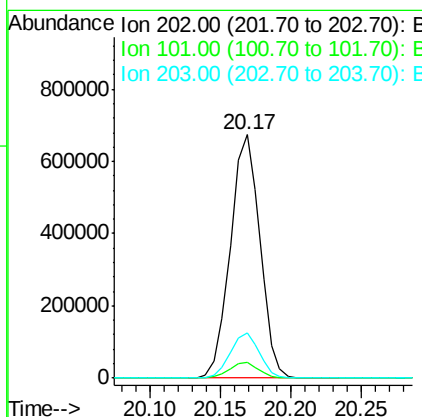
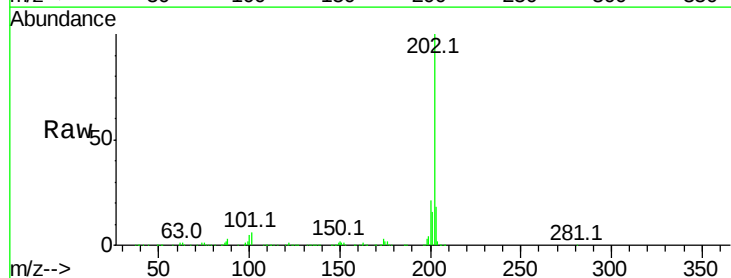
Instrument :
BNA_G
ClientSampleId :

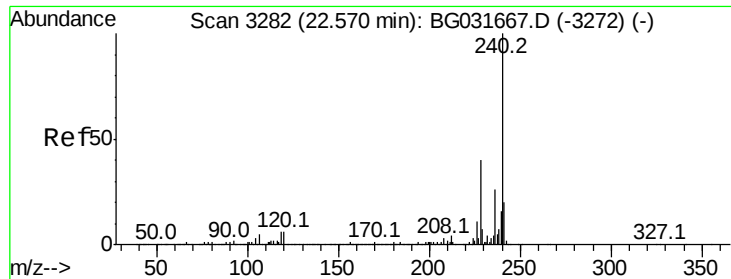
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.5	3.9	5.9



#74
Fluoranthene
Concen: 38.427 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.9
203	18.3	0.0	37.5

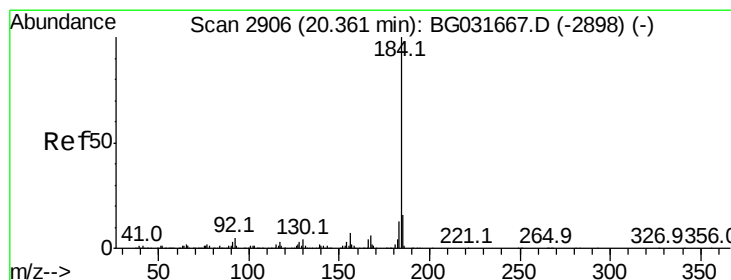
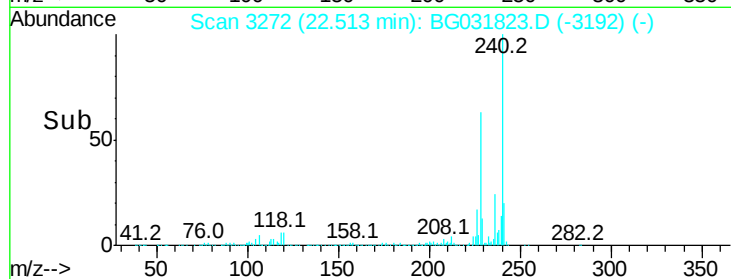
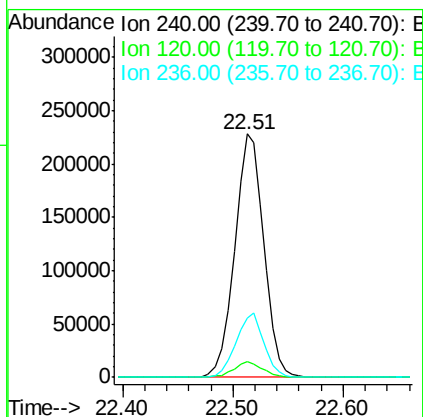
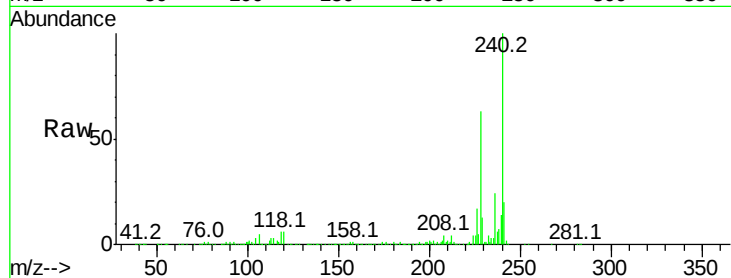




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.51 min Scan# 3272
 Delta R.T. -0.06 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

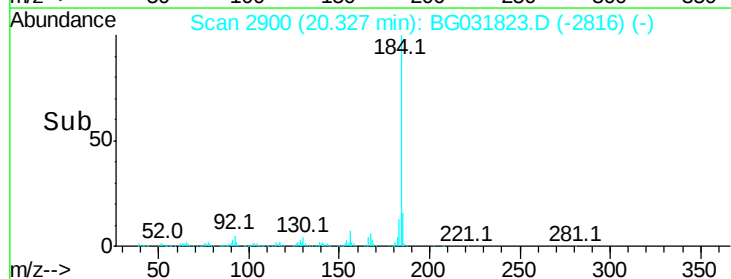
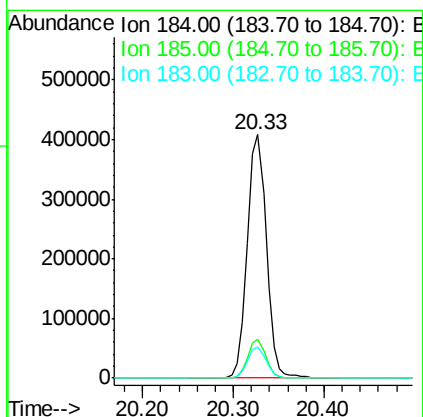
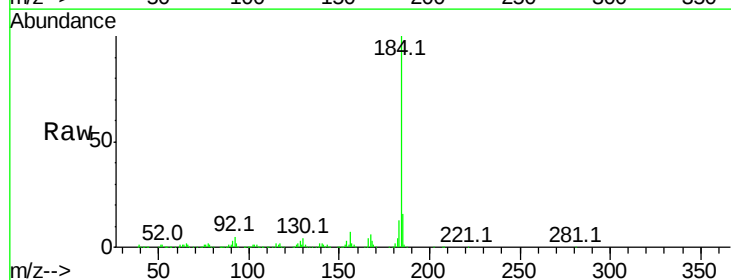
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:240 Resp: 420005
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.8 10.2#
 236 24.2 20.9 31.3



#76
 Benzidine
 Concen: 46.116 ng
 RT: 20.33 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion:184 Resp: 597825
 Ion Ratio Lower Upper
 184 100
 185 15.7 11.1 16.7
 183 12.9 10.6 16.0





#77

Pvrene

Concen: 37.272 ng

RT: 20.53 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG031823.D

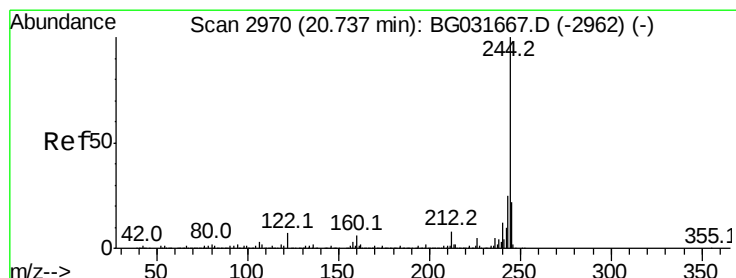
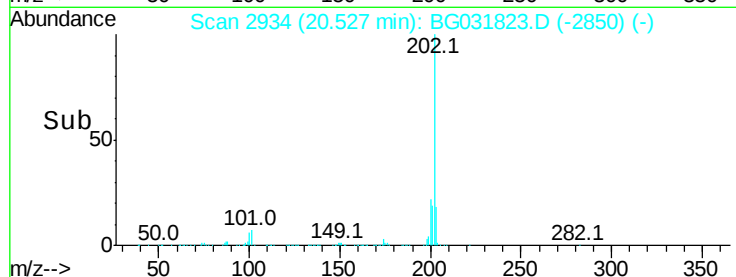
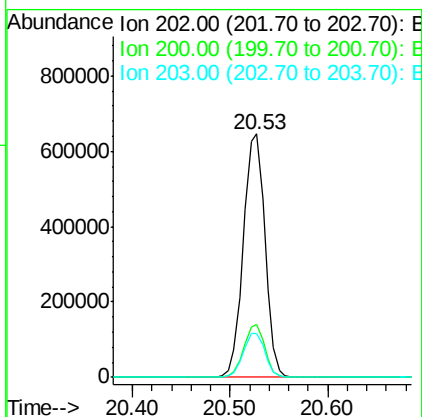
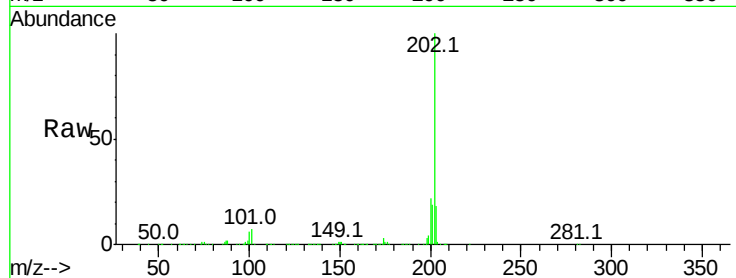
Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	17.9	13.9	20.9



#78

Terphenyl-d14

Concen: 75.172 ng

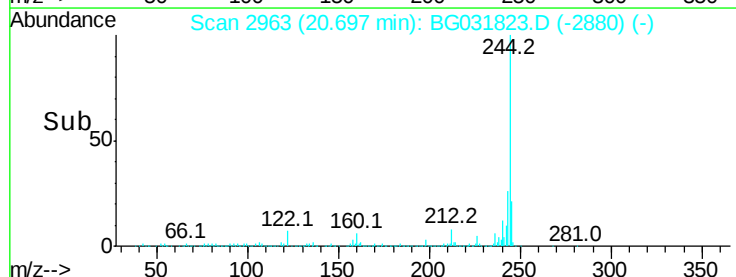
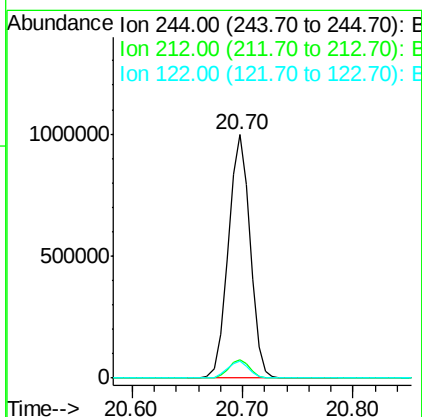
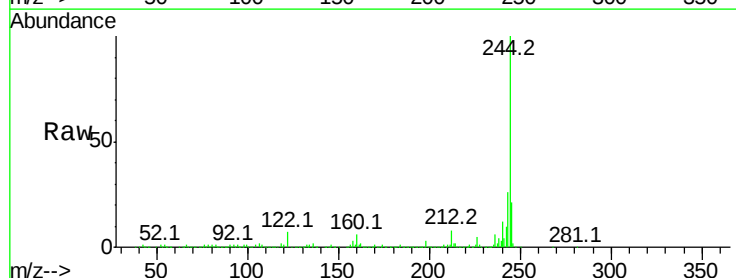
RT: 20.70 min Scan# 2963

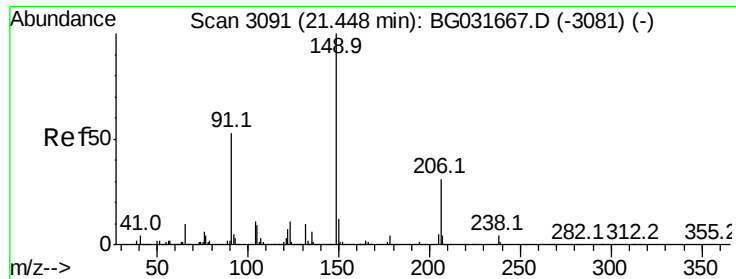
Delta R.T. -0.04 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.9	7.0	10.4

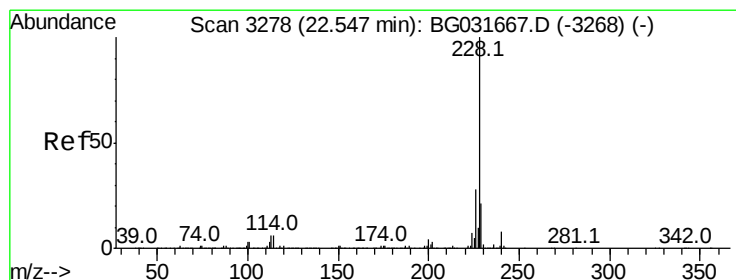
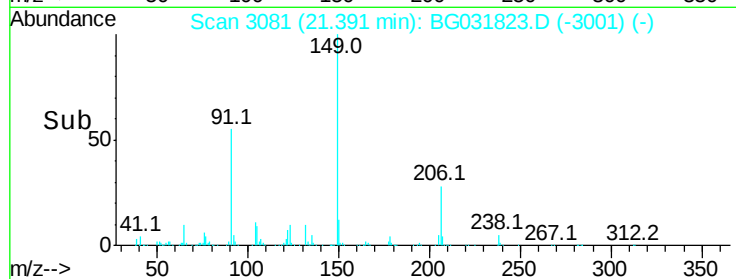
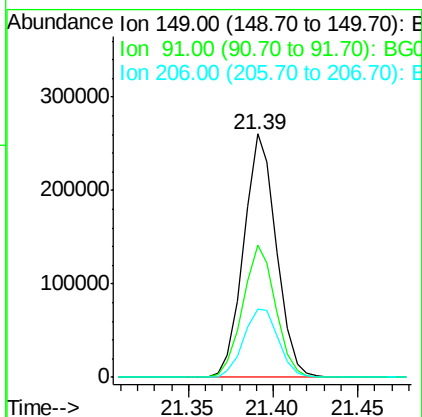
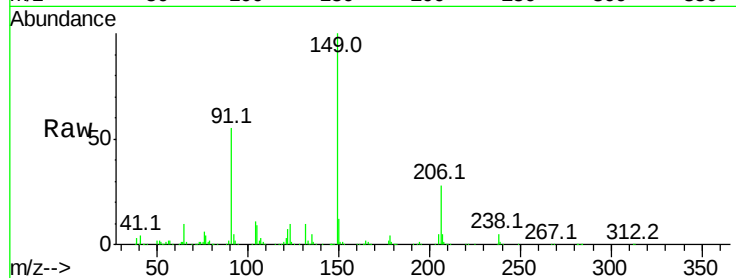




#79
Butylbenzylphthalate
Concen: 38.817 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.06 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

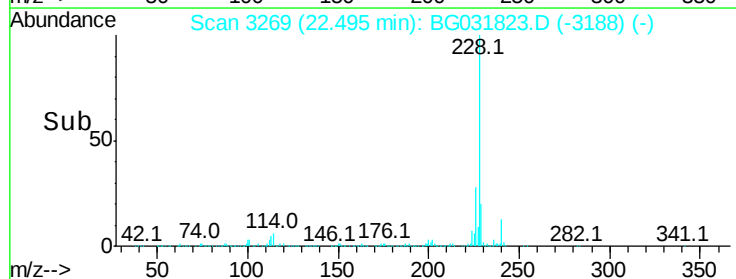
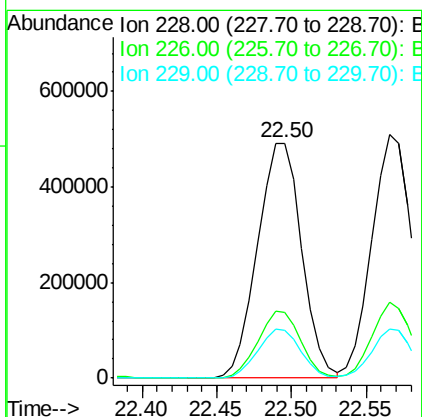
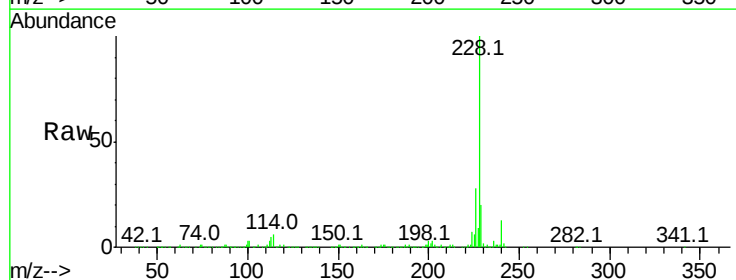
Instrument :
BNA_G
ClientSampleId :

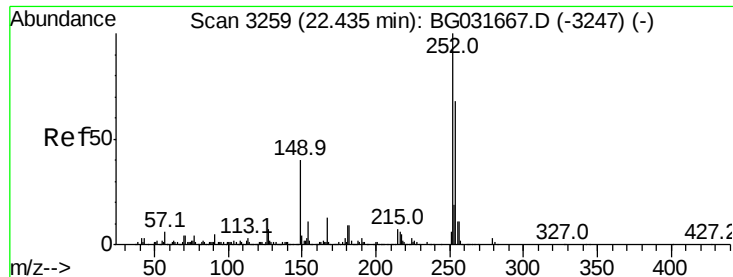
Tot Ion	Ratio	Lower	Upper
149	100		
91	54.5	62.2	93.2#
206	28.1	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 37.847 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.05 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.4	16.2	24.2

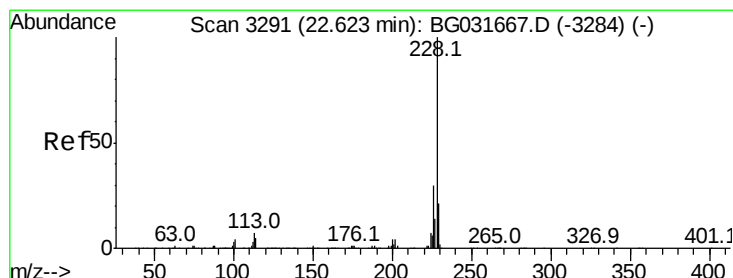
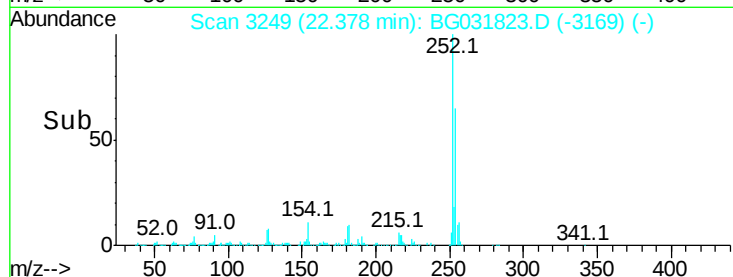
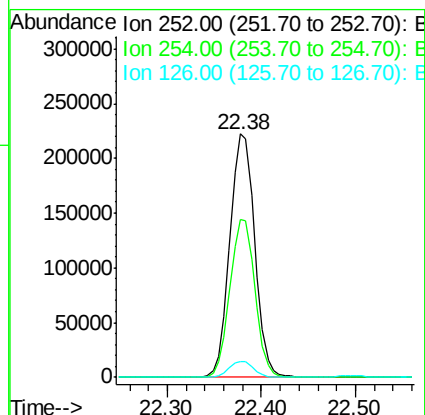
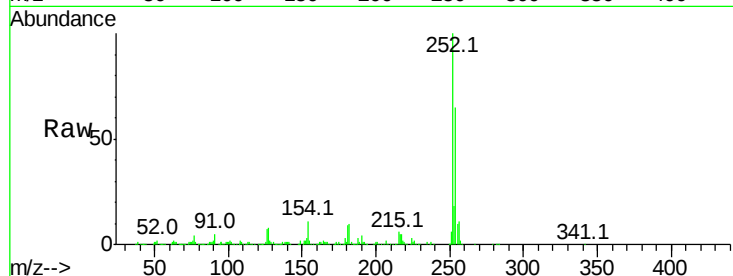




#81
 3,3'-Dichlorobenzidine
 Concen: 39.517 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

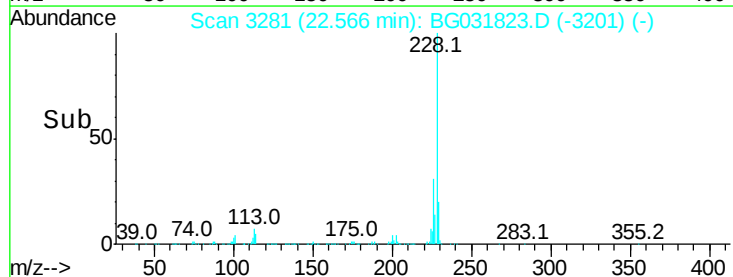
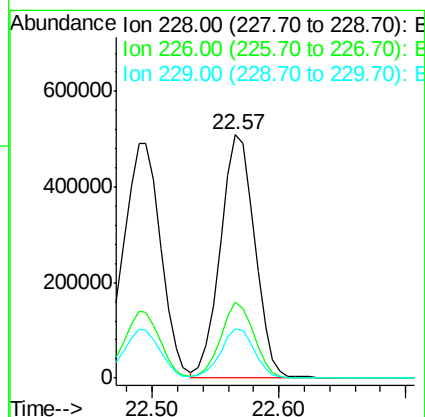
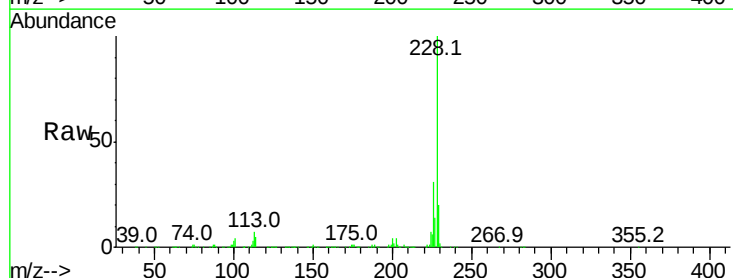
Instrument :
 BNA_G
 ClientSampleId :

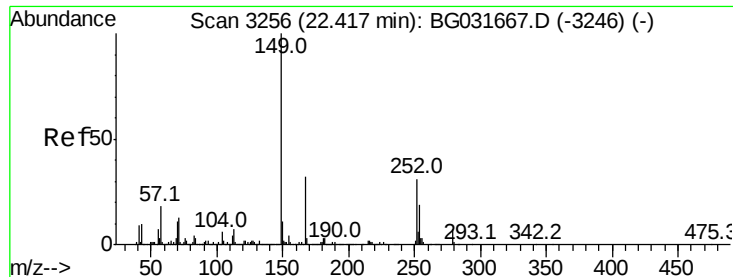
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	6.5	7.4	11.2#



#82
 Chrysene
 Concen: 37.611 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.06 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.3	15.0	22.4

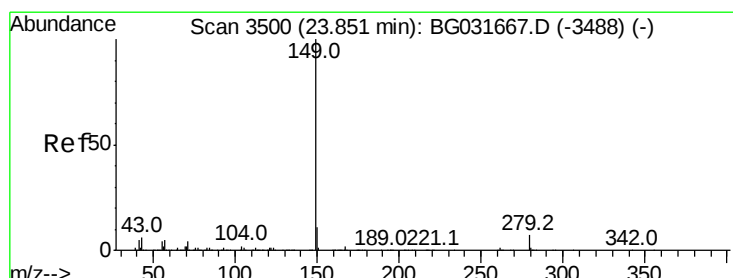
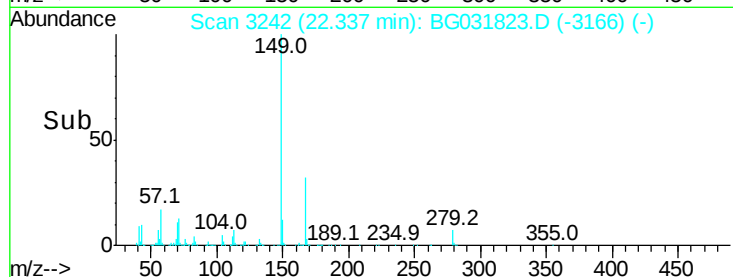
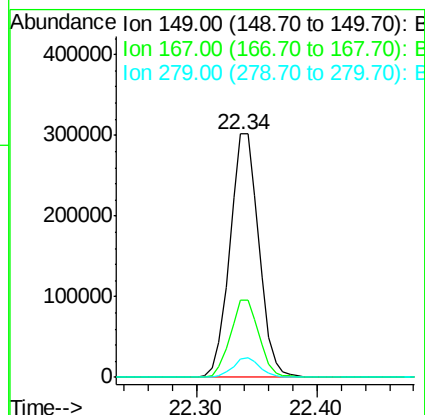
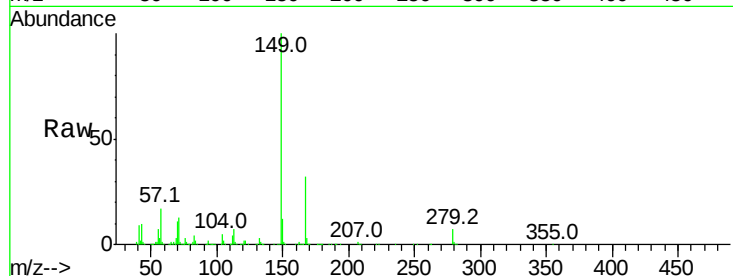




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.680 ng
 RT: 22.34 min Scan# 3242
 Delta R.T. -0.08 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

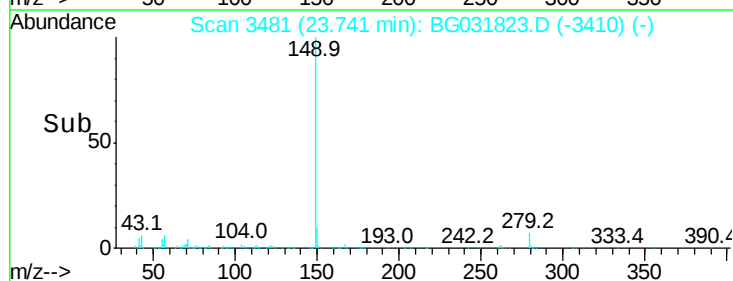
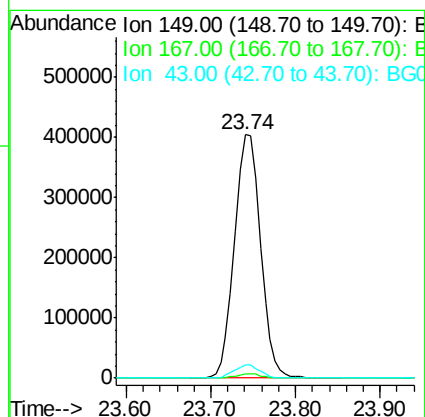
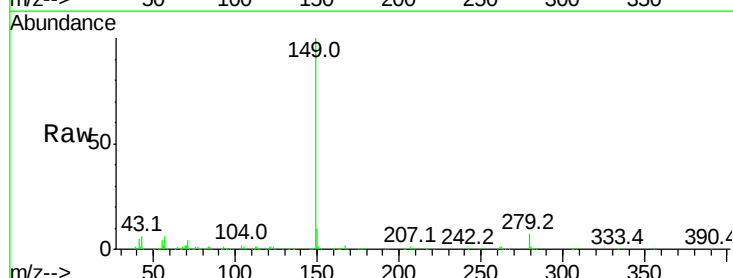
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 504707
 Ion Ratio Lower Upper
 149 100
 167 31.6 24.3 36.5
 279 7.4 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 39.171 ng
 RT: 23.74 min Scan# 3481
 Delta R.T. -0.11 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion:149 Resp: 860792
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 5.5 8.9 13.3#

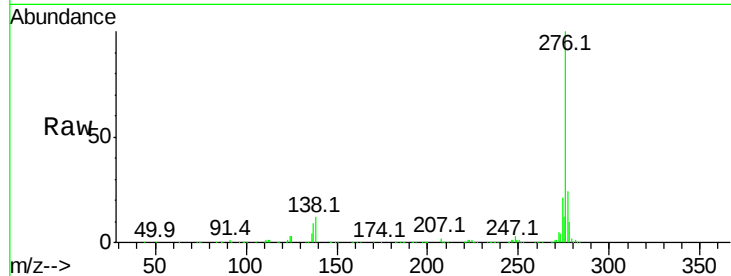




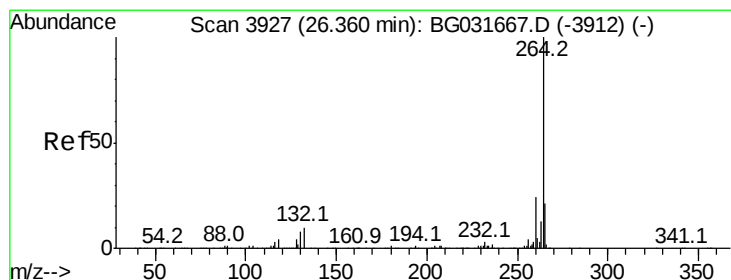
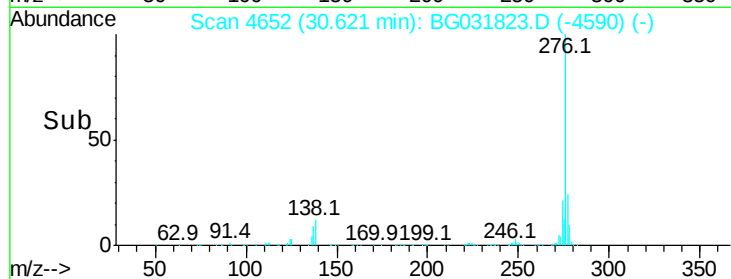
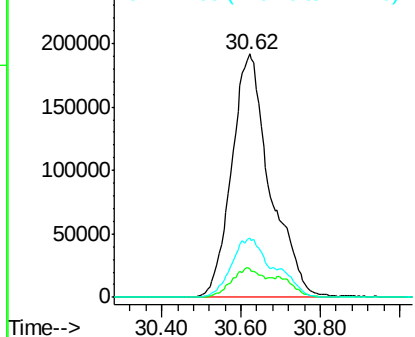
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.842 ng
 RT: 30.62 min Scan# 4652
 Delta R.T. -0.16 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1292100
 Ion Ratio Lower Upper
 276 100
 138 11.0 16.0 24.0#
 277 26.8 20.0 30.0

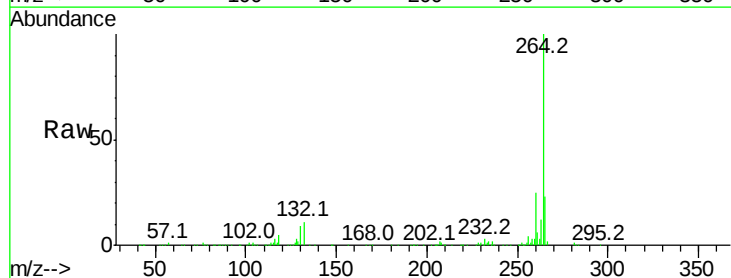


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

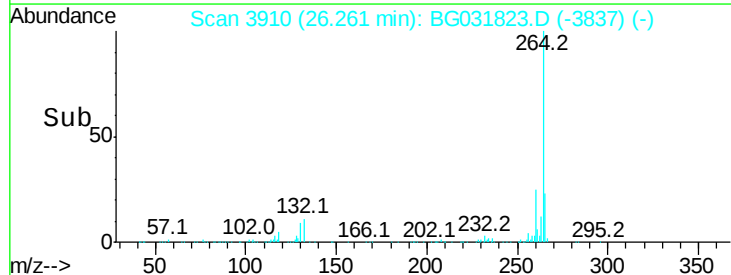
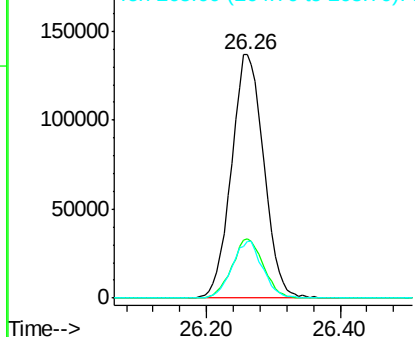


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031823.D
 Acq: 28 Dec 2017 13:12

Tgt Ion:264 Resp: 459573
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 23.2 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

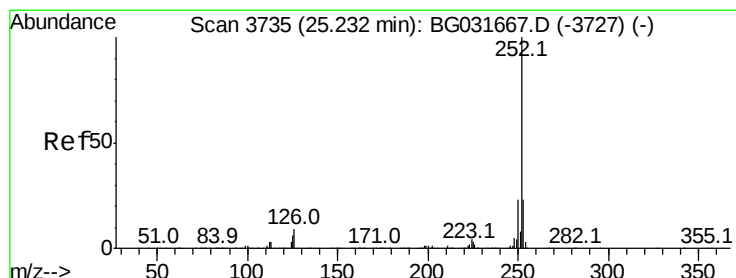
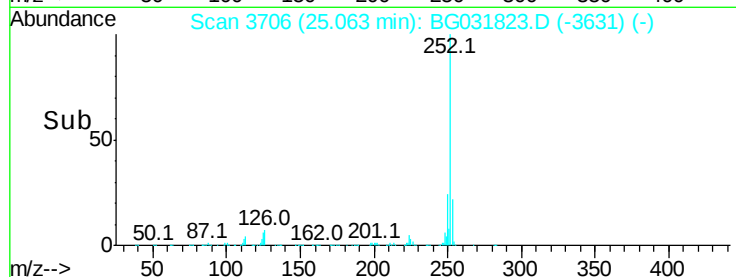
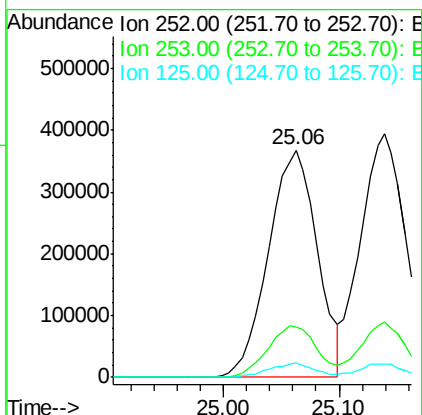
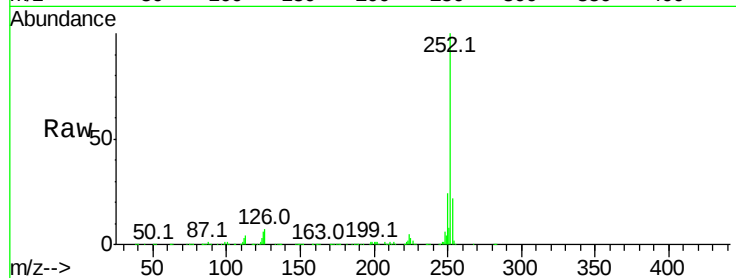




#87
Benzo(b)fluoranthene
Concen: 37.920 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.09 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

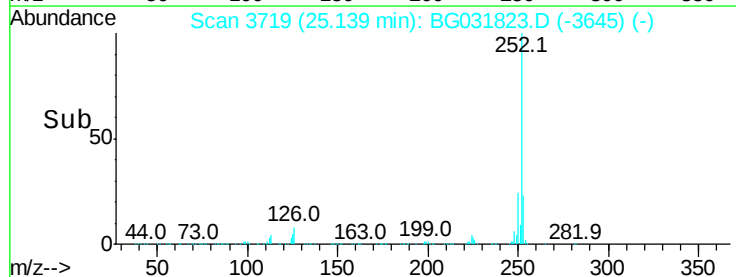
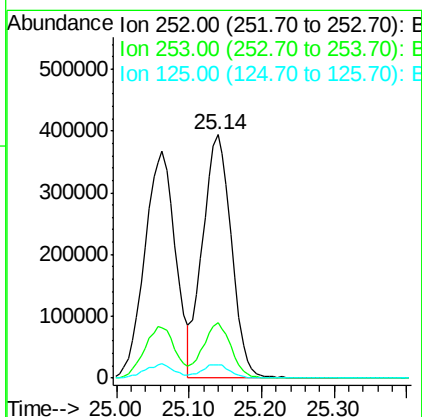
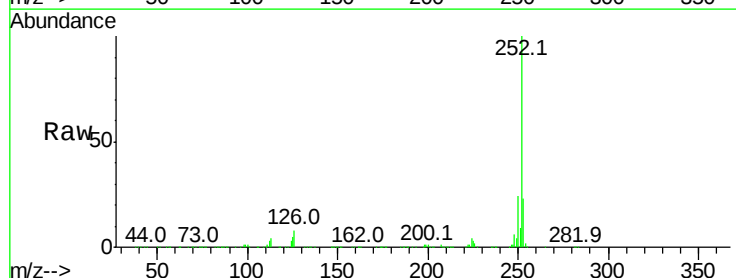
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1081762
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 6.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 37.866 ng
RT: 25.14 min Scan# 3719
Delta R.T. -0.09 min
Lab File: BG031823.D
Acq: 28 Dec 2017 13:12

Tgt Ion:252 Resp: 1081069
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 5.2 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 38.205 ng

RT: 26.09 min Scan# 3880

Delta R.T. -0.10 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

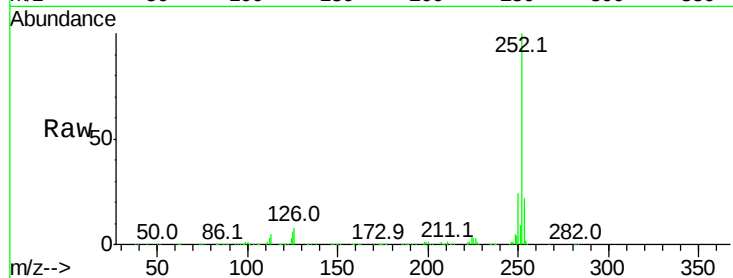
Tot Ion:252 Resp: 1043810

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.0	7.3	10.9

252 100

253 22.2 18.3 27.5

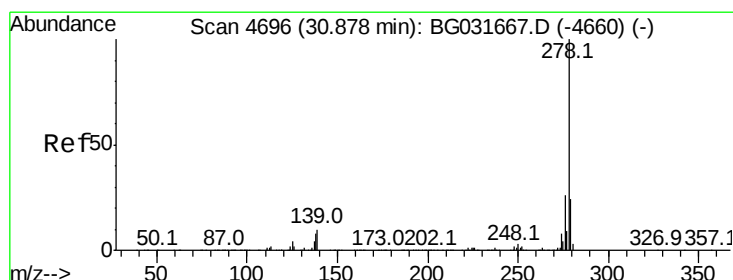
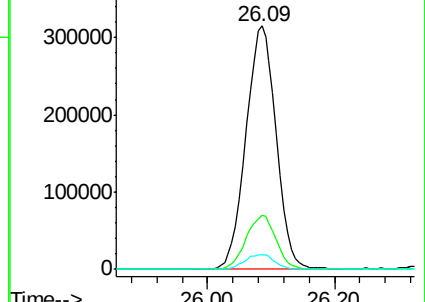
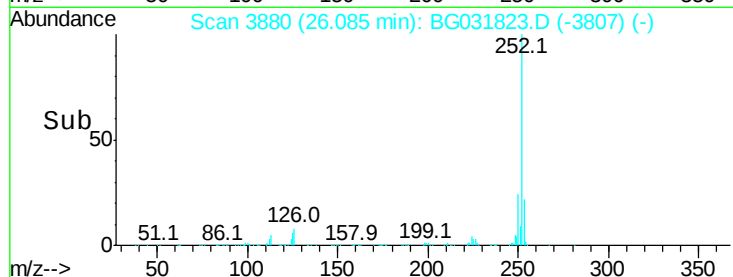
125 6.0 7.3 10.9



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: 38.616 ng

RT: 30.71 min Scan# 4667

Delta R.T. -0.17 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

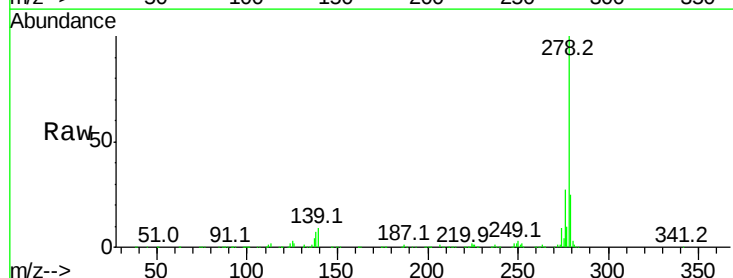
Tgt Ion:278 Resp: 1089629

Ion	Ratio	Lower	Upper
278	100		
139	8.9	9.8	14.6
279	24.5	18.4	27.6

278 100

139 8.9 9.8 14.6

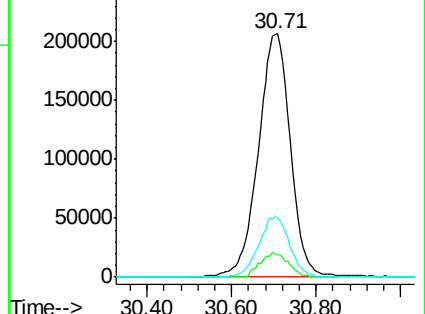
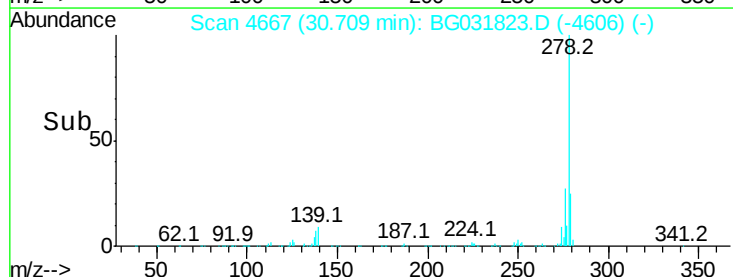
279 24.5 18.4 27.6

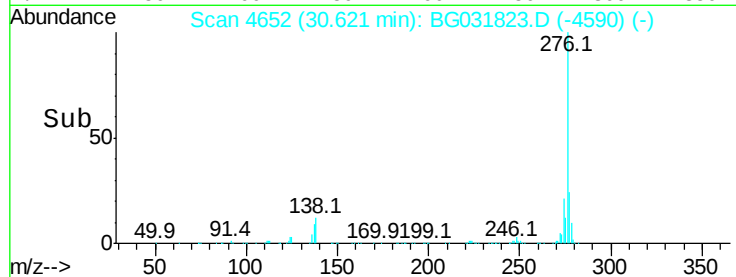
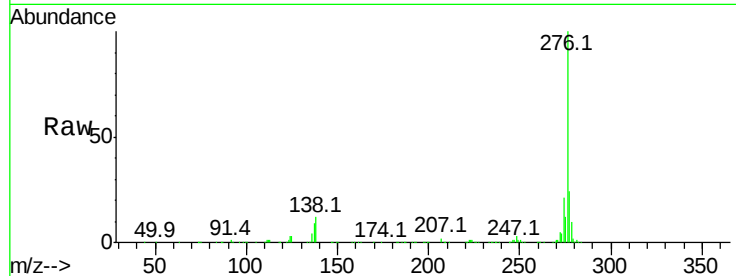
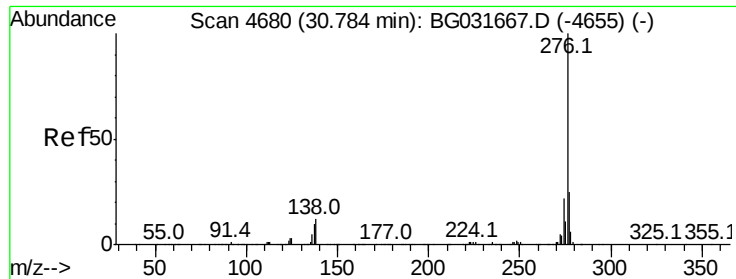


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.784 ng

RT: 30.62 min Scan# 4652

Delta R.T. -0.16 min

Lab File: BG031823.D

Acq: 28 Dec 2017 13:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1292100

Ion Ratio Lower Upper

276 100

277 24.4 18.3 27.5

138 11.8 13.9 20.9#

