

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031170.D
 Acq On : 22 Nov 2017 2:51
 Operator : SJ/JU
 Sample : PB104448BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 03:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	61586	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	262066	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	168869	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	440015	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	532294	20.00	ng	0.00
86) Perylene-d12	25.08	264	536144	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	247183	68.82	ng	-0.01
7) Phenol-d6	7.30	99	325030	67.17	ng	0.00
23) Nitrobenzene-d5	9.30	82	276205	62.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	141108	51.65	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	785136	66.81	ng	-0.01
78) Terphenyl-d14	20.09	244	1358310	56.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	41675	28.594	ng	86
3) Pyridine	3.95	79	124410	29.403	ng	85
4) n-Nitrosodimethylamine	3.86	42	60695	30.267	ng	# 92
6) Aniline	7.46	93	76978	12.089	ng	91
8) 2-Chlorophenol	7.70	128	144381	36.428	ng	89
9) Benzaldehyde	7.27	77	35618	10.519	ng	87
10) Phenol	7.33	94	180834	35.988	ng	92
11) bis(2-Chloroethyl)ether	7.54	93	127781	31.849	ng	89
12) 1,3-Dichlorobenzene	8.17	146	157969	33.971	ng	96
13) 1,4-Dichlorobenzene	8.17	146	157969	33.523	ng	94
14) 1,2-Dichlorobenzene	8.49	146	149559	33.067	ng	99
15) Benzyl Alcohol	8.37	79	120010	30.921	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.66	45	189784	42.825	ng	92
17) 2-Methylphenol	8.58	107	123272	35.229	ng	97
18) Hexachloroethane	9.23	117	54096	32.984	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	101234	27.517	ng	# 95
20) 3+4-Methylphenols	8.92	107	170064	34.180	ng	95
22) Acetophenone	8.96	105	204161	31.288	ng	# 90
24) Nitrobenzene	9.35	77	150510	33.316	ng	# 87
25) Isophorone	9.87	82	282361	32.737	ng	# 93
26) 2-Nitrophenol	10.06	139	82924	35.215	ng	# 87
27) 2,4-Dimethylphenol	10.12	122	139940	40.029	ng	94
28) bis(2-Chloroethoxy)methane	10.34	93	181690	33.446	ng	98
29) 2,4-Dichlorophenol	10.61	162	159523	38.000	ng	93
30) 1,2,4-Trichlorobenzene	10.81	180	171308	34.180	ng	97
31) Naphthalene	11.00	128	429344	33.327	ng	99
32) Benzoic acid	10.27	122	65719	25.570	ng	# 79
33) 4-Chloroaniline	11.12	127	62919	11.157	ng	95
34) Hexachlorobutadiene	11.28	225	112033	32.231	ng	96
35) Caprolactam	11.88	113	35266	20.564	ng	# 63
36) 4-Chloro-3-methylphenol	12.23	107	153351	33.563	ng	# 84
37) 2-Methylnaphthalene	12.60	142	339520	34.139	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	213564	31.864	ng	96
40) Hexachlorocyclopentadiene	12.94	237	156229	65.287	ng	90

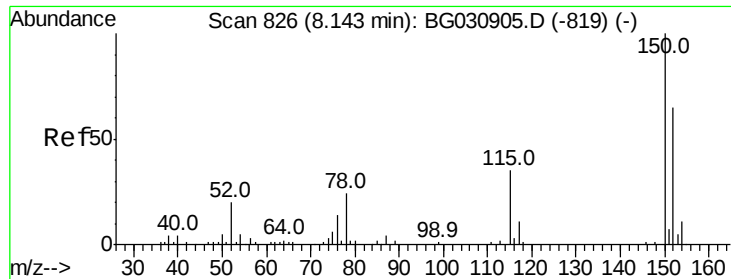
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031170.D
 Acq On : 22 Nov 2017 2:51
 Operator : SJ/JU
 Sample : PB104448BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 03:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	138699	36.200	ng	100
43) 2,4,5-Trichlorophenol	13.29	196	143941	34.336	ng	93
45) 1,1'-Biphenyl	13.60	154	454000	32.421	ng	97
46) 2-Chloronaphthalene	13.64	162	365138	36.140	ng	95
47) 2-Nitroaniline	13.84	65	99578	33.252	ng	# 82
48) Acenaphthylene	14.48	152	558552	33.777	ng	98
49) Dimethylphthalate	14.21	163	485464	33.249	ng	99
50) 2,6-Dinitrotoluene	14.33	165	105599	35.089	ng	# 80
51) Acenaphthene	14.82	154	340088	32.930	ng	99
52) 3-Nitroaniline	14.67	138	49564	15.510	ng	# 79
53) 2,4-Dinitrophenol	14.88	184	127634	77.302	ng	# 44
54) Dibenzofuran	15.15	168	575098	34.960	ng	99
55) 4-Nitrophenol	14.99	139	153489	67.429	ng	# 78
56) 2,4-Dinitrotoluene	15.12	165	156267	35.917	ng	# 72
57) Fluorene	15.81	166	455578	34.113	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	143394	35.890	ng	# 88
59) Diethylphthalate	15.56	149	477384	32.187	ng	96
60) 4-Chlorophenyl-phenylether	15.79	204	273463	33.904	ng	91
61) 4-Nitroaniline	15.83	138	112978	33.388	ng	87
62) Azobenzene	16.08	77	385544	34.085	ng	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	93179	31.859	ng	79
65) n-Nitrosodiphenylamine	16.00	169	426596	31.994	ng	99
66) 4-Bromophenyl-phenylether	16.68	248	176702	31.707	ng	98
67) Hexachlorobenzene	16.81	284	181611	30.669	ng	95
68) Atrazine	16.95	200	165481	30.080	ng	98
69) Pentachlorophenol	17.16	266	172439	52.681	ng	98
70) Phenanthrene	17.54	178	791340	34.541	ng	99
71) Anthracene	17.63	178	811475	35.349	ng	99
72) Carbazole	17.90	167	752177	34.969	ng	100
73) Di-n-butylphthalate	18.44	149	864788	32.744	ng	99
74) Fluoranthene	19.54	202	1062841	36.640	ng	97
76) Benzidine	19.72	184	429989	25.148	ng	99
77) Pyrene	19.91	202	1087671	34.435	ng	98
79) Butylbenzylphthalate	20.76	149	430935	34.218	ng	87
80) Benzo(a)anthracene	21.75	228	1131775	34.230	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	322892	24.193	ng	98
82) Chrysene	21.82	228	1056658	34.548	ng	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	609666	33.536	ng	100
84) Di-n-octyl phthalate	22.86	149	1053833	35.616	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1214595	32.666	ng	# 79
87) Benzo(b)fluoranthene	24.03	252	1108272	34.173	ng	98
88) Benzo(k)fluoranthene	24.10	252	1098746	34.180	ng	98
89) Benzo(a)pyrene	24.92	252	1082042	35.121	ng	98
90) Dibenzo(a,h)anthracene	28.92	278	1019410	32.372	ng	99
91) Benzo(g,h,i)perylene	30.05	276	989231	32.366	ng	98

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

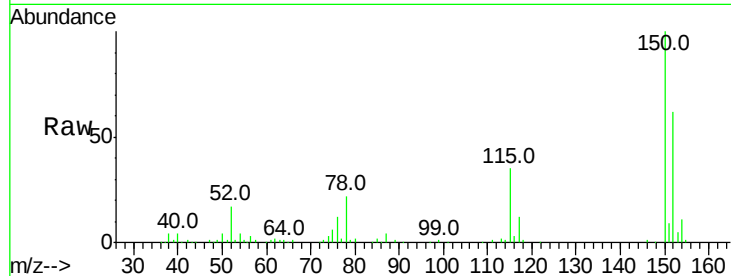


#1

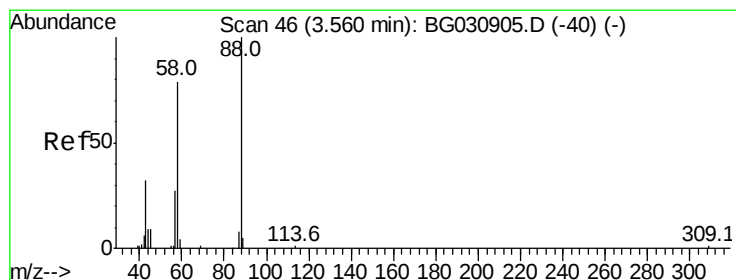
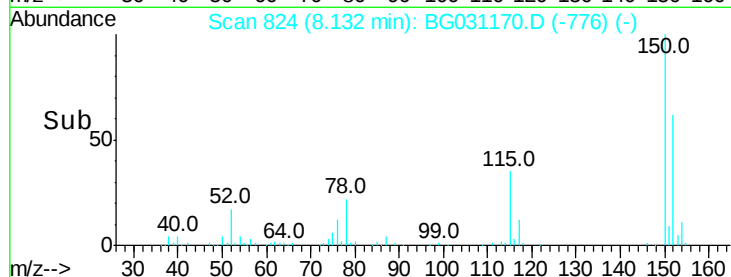
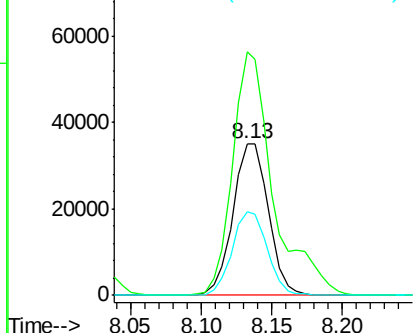
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61586
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 55.6 53.0 79.4



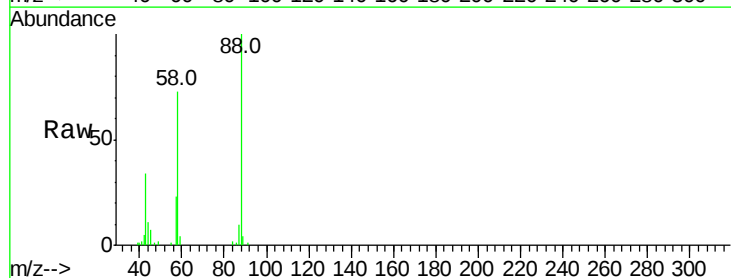
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



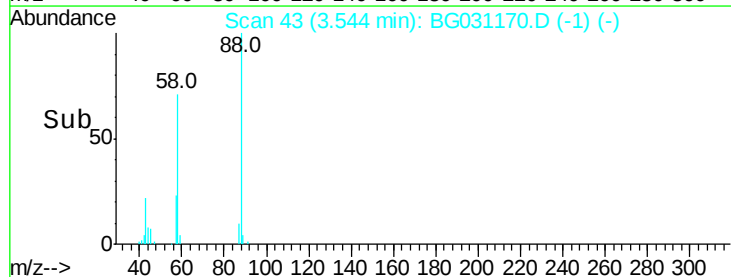
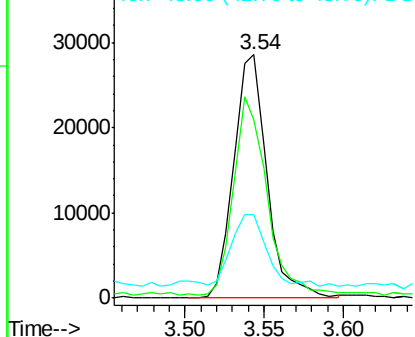
#2

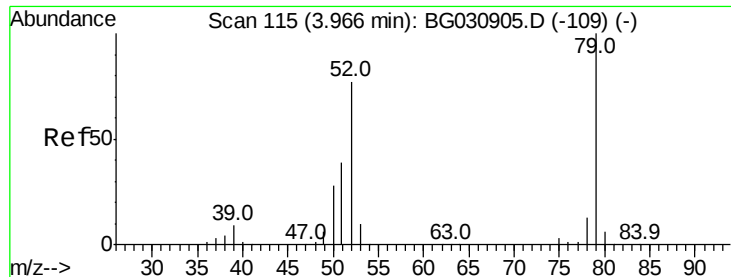
1,4-Dioxane
Concen: 28.594 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.03 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion: 88 Resp: 41675
Ion Ratio Lower Upper
88 100
58 81.4 79.6 119.4
43 32.5 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: 29.403 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.03 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

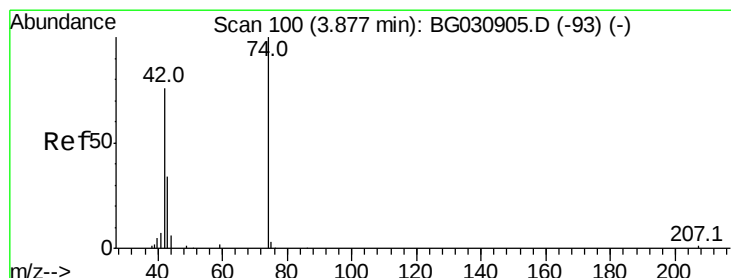
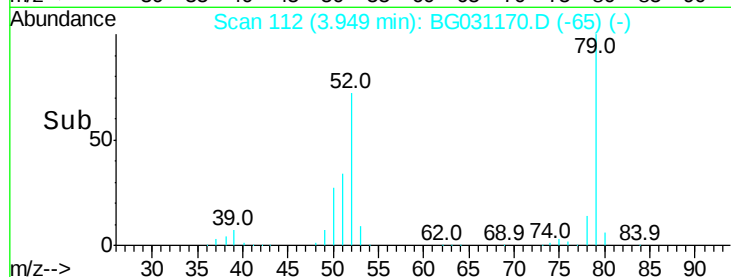
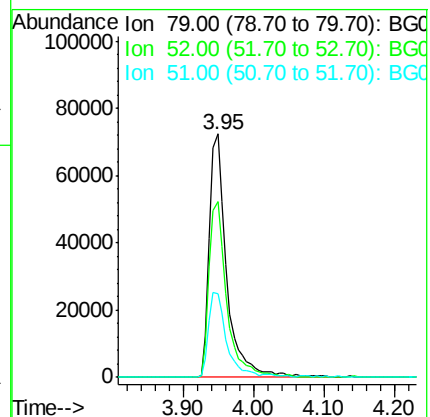
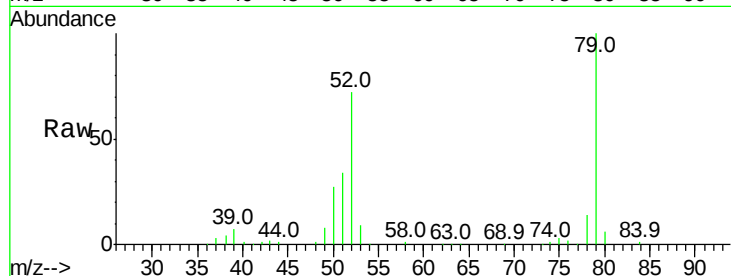
Tot Ion: 79 Resp: 124410

Ion Ratio Lower Upper

79 100

52 72.3 69.9 104.9

51 34.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 30.267 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.03 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

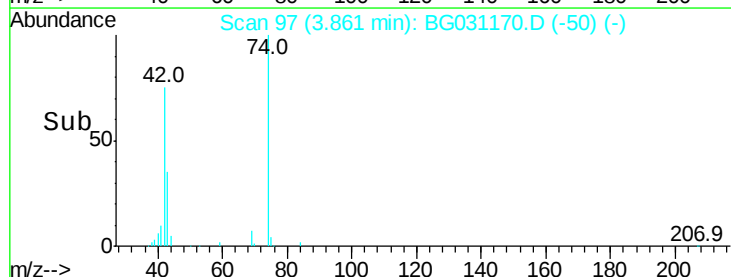
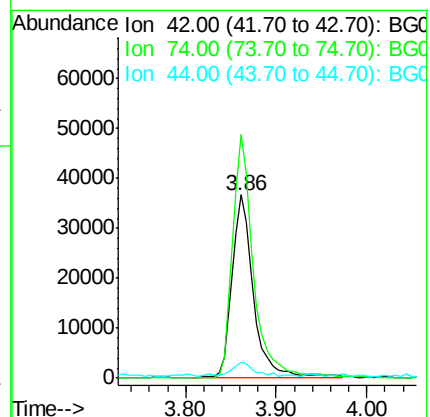
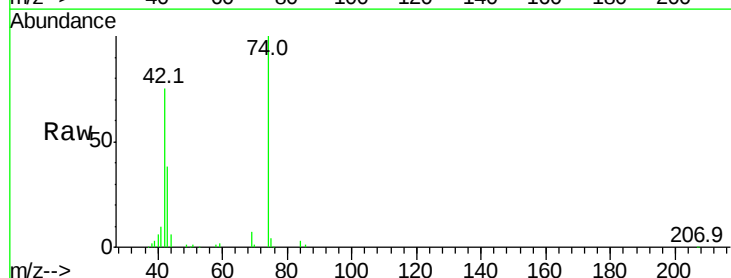
Tgt Ion: 42 Resp: 60695

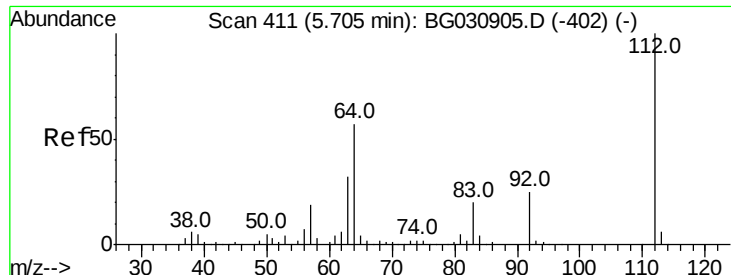
Ion Ratio Lower Upper

42 100

74 133.0 102.5 153.7

44 8.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 68.824 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampled :

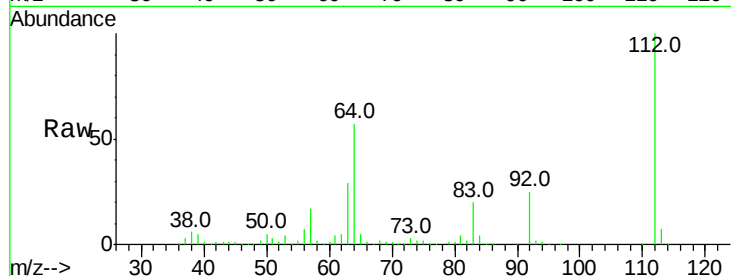
Tot Ion: 112 Resp: 247183

Ion Ratio Lower Upper

112 100

64 56.7 56.3 84.5

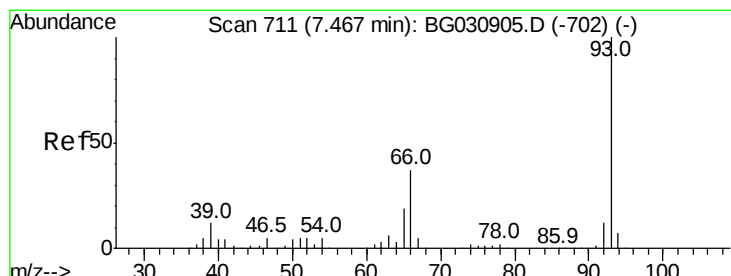
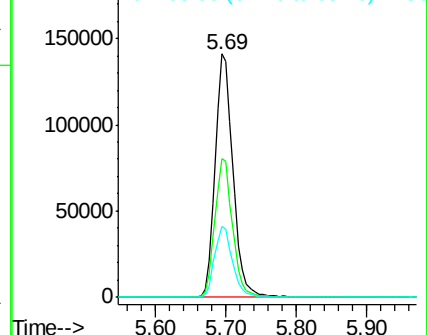
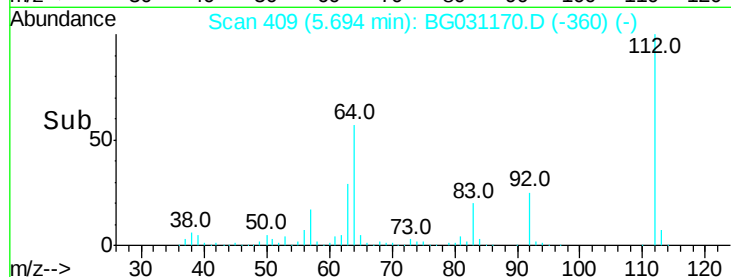
63 29.3 30.1 45.1#



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: 12.089 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

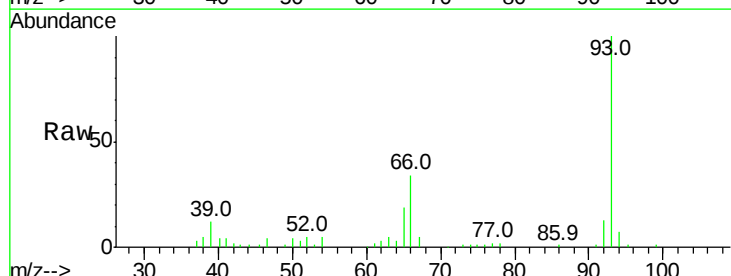
Tgt Ion: 93 Resp: 76978

Ion Ratio Lower Upper

93 100

66 34.3 33.7 50.5

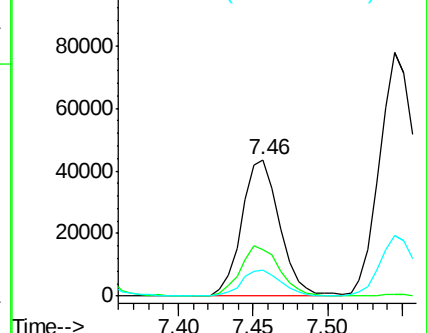
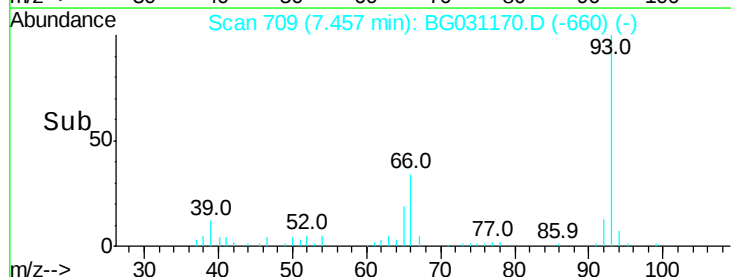
65 19.0 16.1 24.1

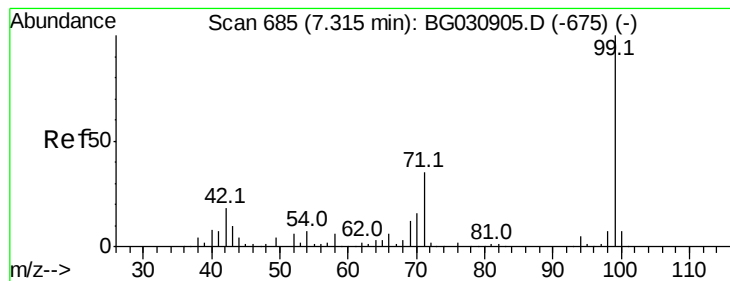


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 67.175 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampled :

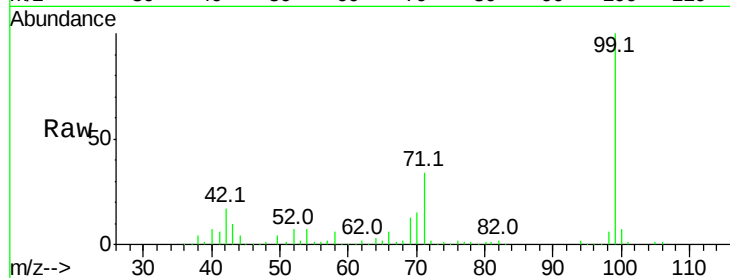
Tot Ion: 99 Resp: 325030

Ion Ratio Lower Upper

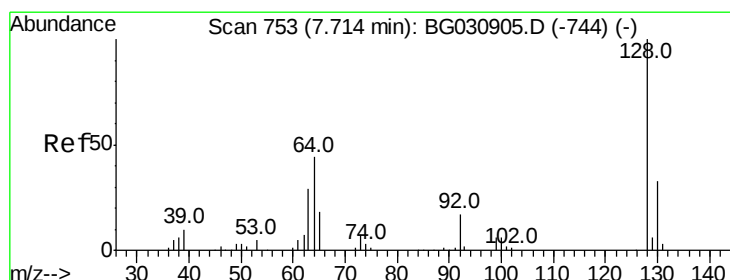
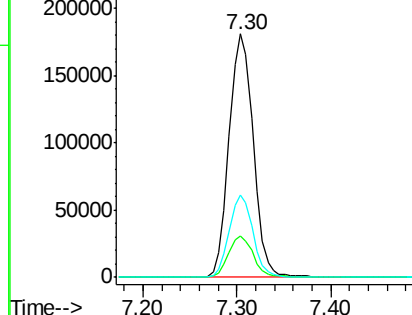
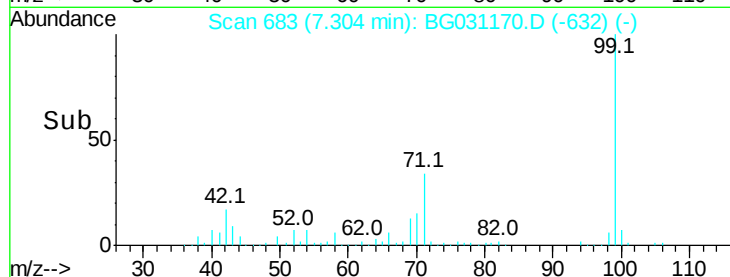
99 100

42 17.1 14.1 21.1

71 33.9 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: 36.428 ng

RT: 7.70 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

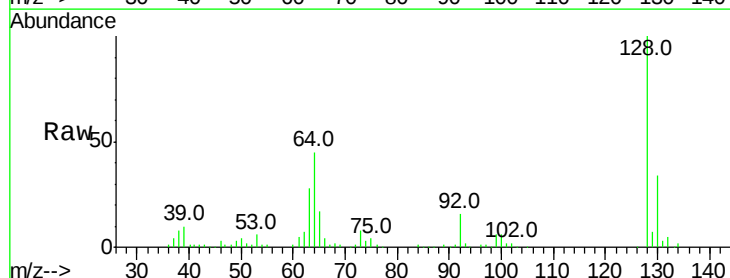
Tgt Ion: 128 Resp: 144381

Ion Ratio Lower Upper

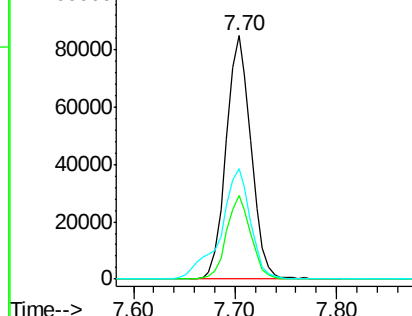
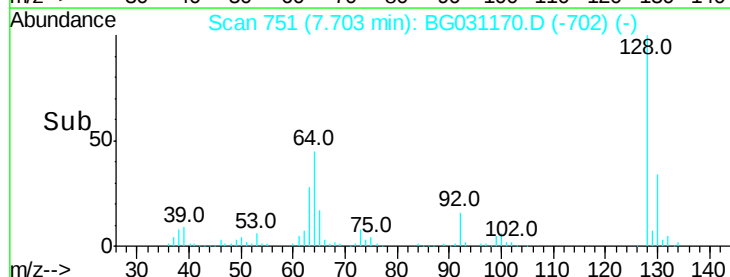
128 100

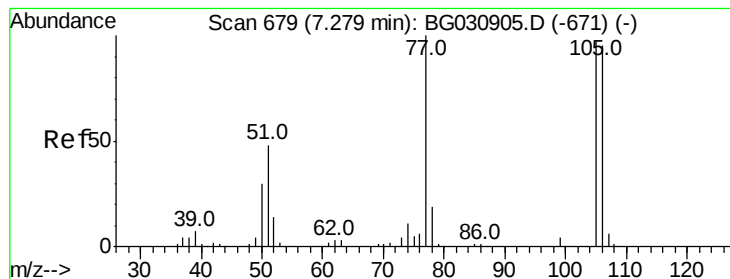
130 34.2 14.0 54.0

64 45.2 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: 10.519 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

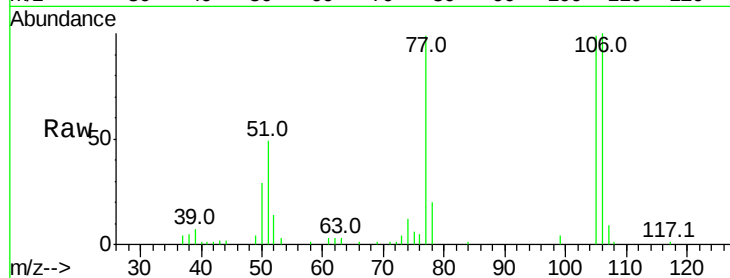
Tot Ion: 77 Resp: 35618

Ion Ratio Lower Upper

77 100

105 99.3 71.3 111.3

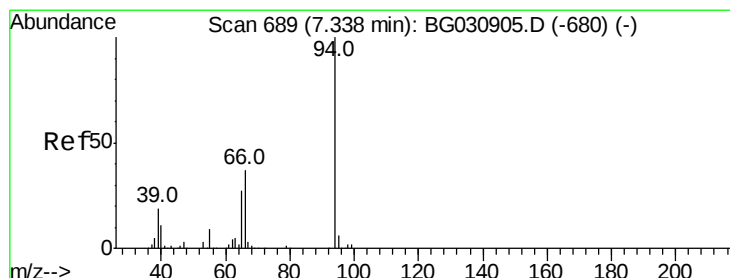
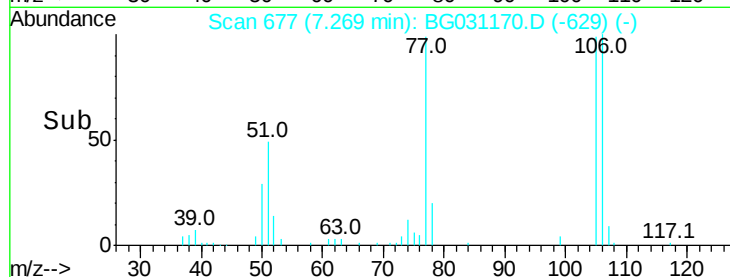
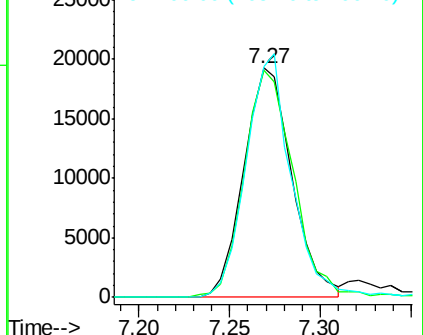
106 100.5 64.2 104.2



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: 35.988 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

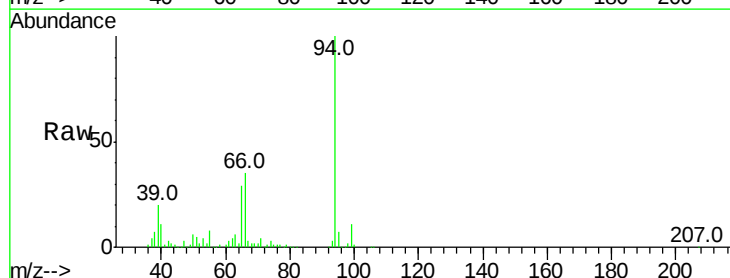
Tgt Ion: 94 Resp: 180834

Ion Ratio Lower Upper

94 100

65 29.0 11.9 51.9

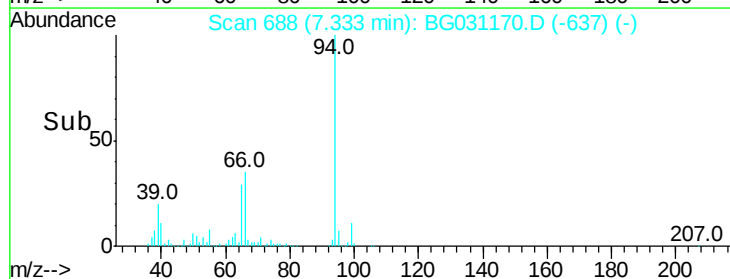
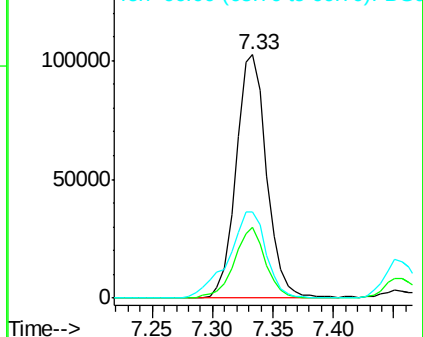
66 35.5 22.2 62.2

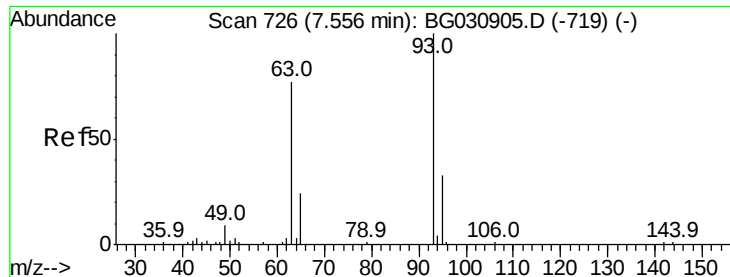


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



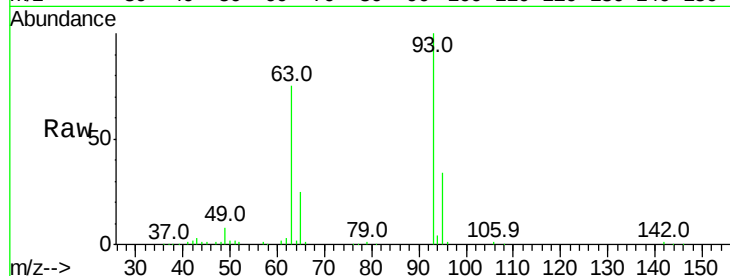


#11

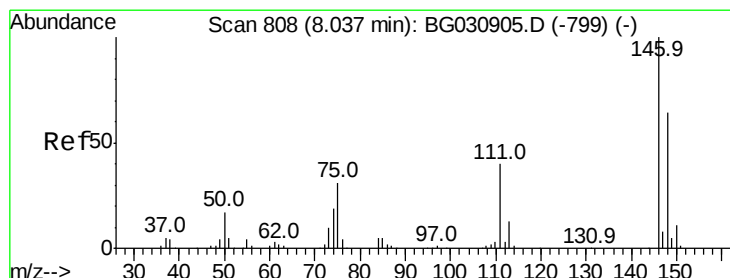
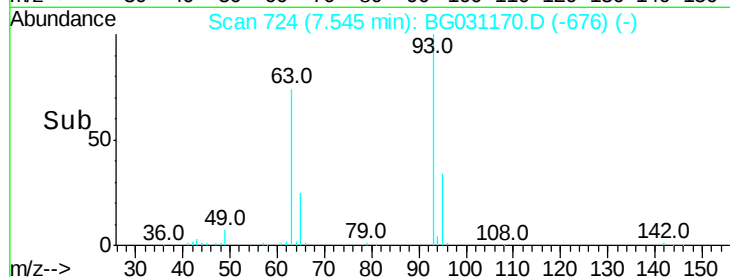
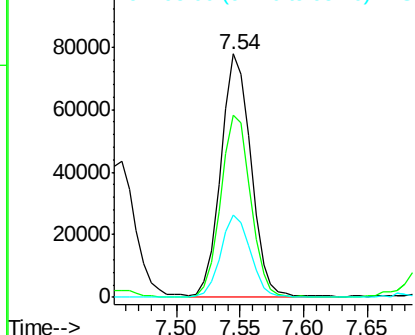
bis(2-Chloroethyl)ether
Concen: 31.849 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 127781
Ion Ratio Lower Upper
93 100
63 74.7 67.1 107.1
95 33.9 11.5 51.5



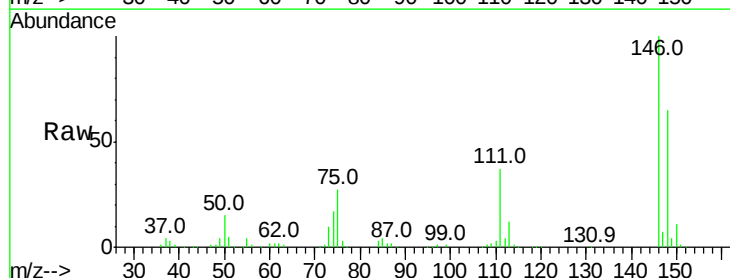
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



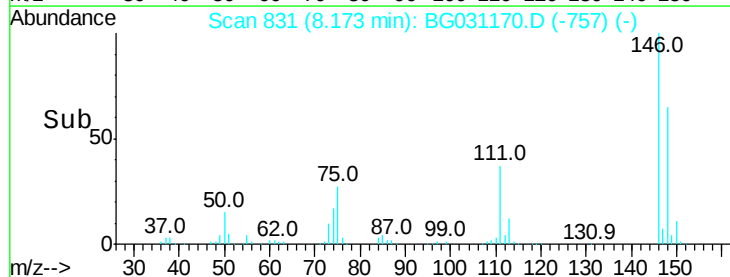
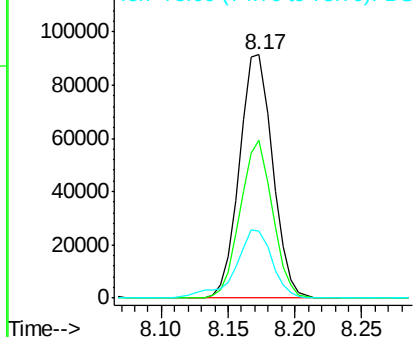
#12

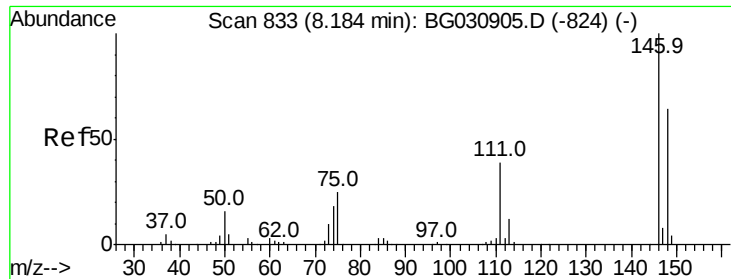
1,3-Dichlorobenzene
Concen: 33.971 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.13 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion: 146 Resp: 157969
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 27.4 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 33.523 ng

RT: 8.17 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

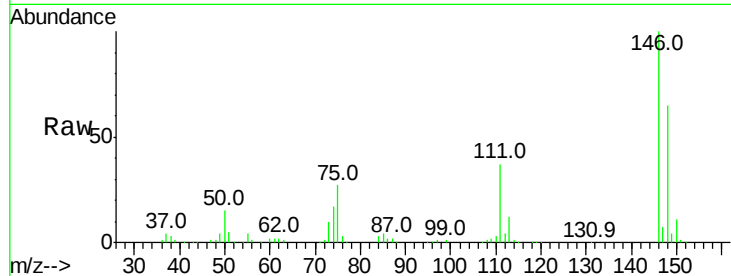
Tot Ion:146 Resp: 157969

Ion Ratio Lower Upper

146 100

148 65.0 53.7 80.5

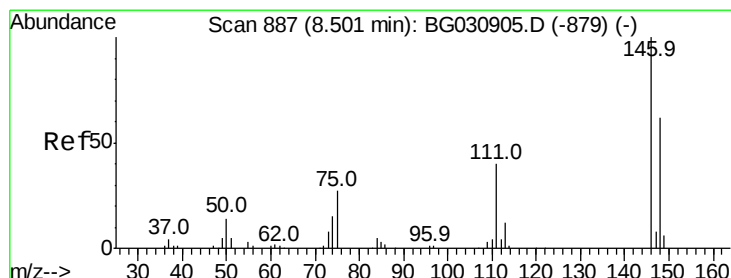
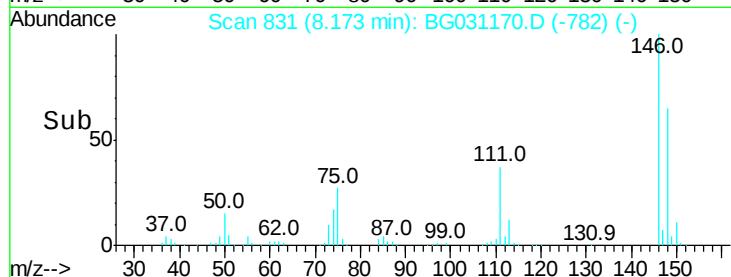
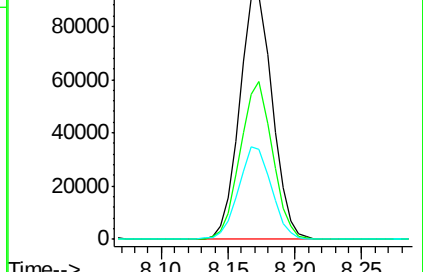
111 37.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.067 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

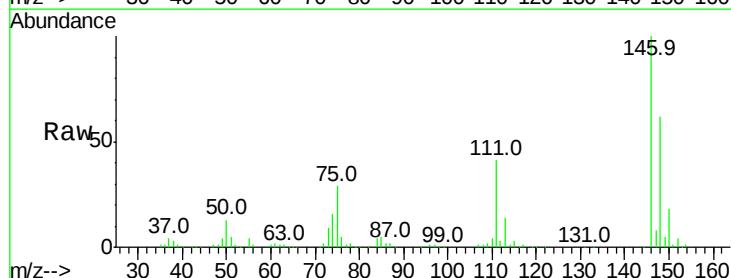
Tgt Ion:146 Resp: 149559

Ion Ratio Lower Upper

146 100

148 62.2 49.3 73.9

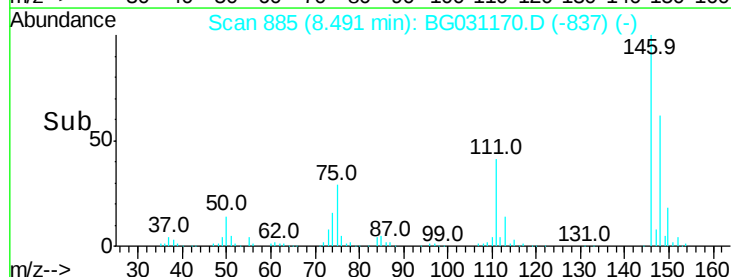
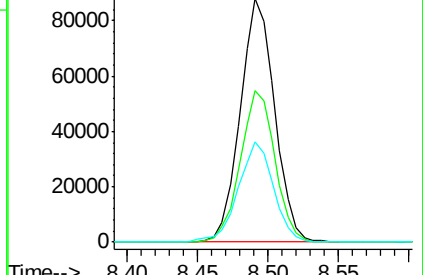
111 41.3 34.3 51.5

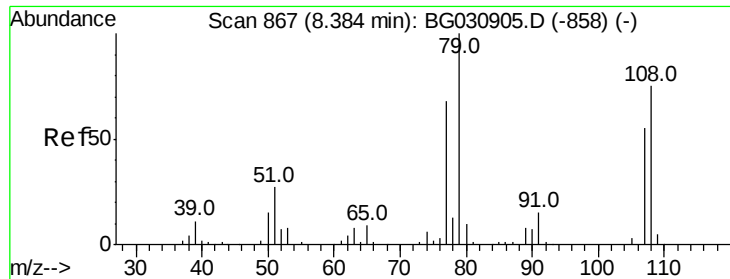


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.921 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :
BNA_G
ClientSampled :

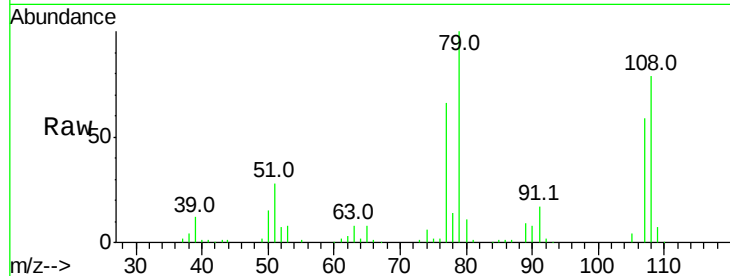
Tot Ion: 79 Resp: 120010

Ion Ratio Lower Upper

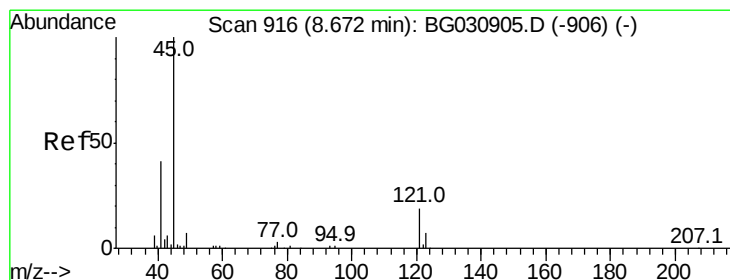
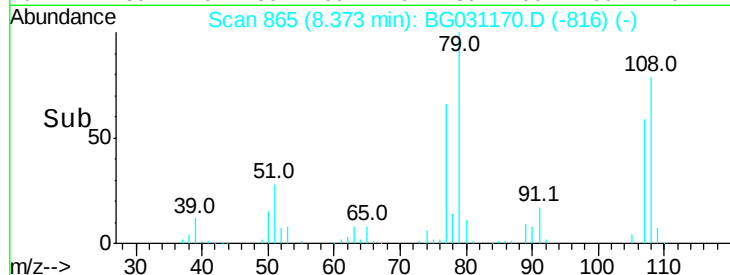
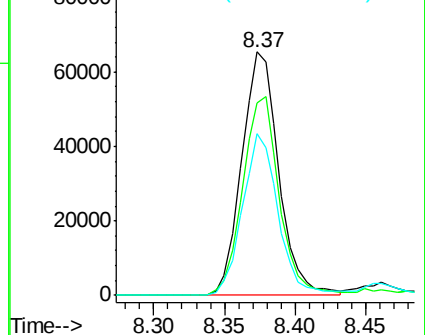
79 100

108 78.8 57.2 85.8

77 66.2 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.825 ng

RT: 8.66 min Scan# 913

Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

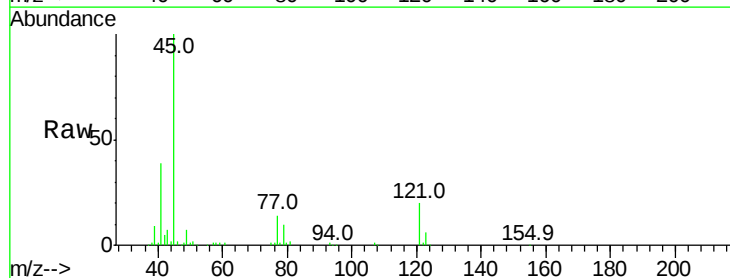
Tgt Ion: 45 Resp: 189784

Ion Ratio Lower Upper

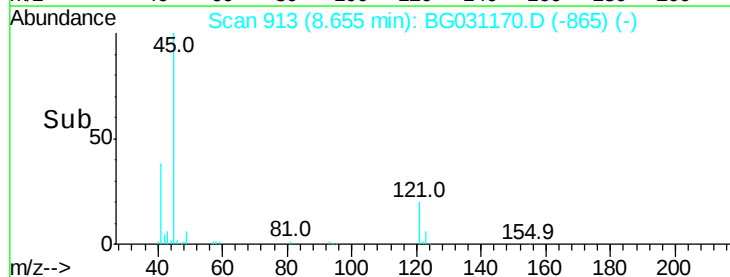
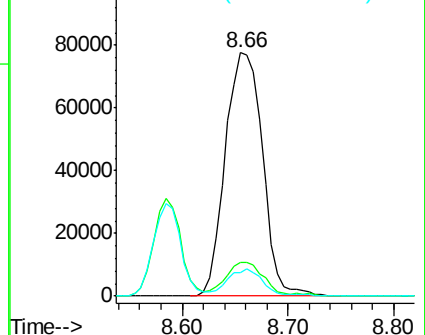
45 100

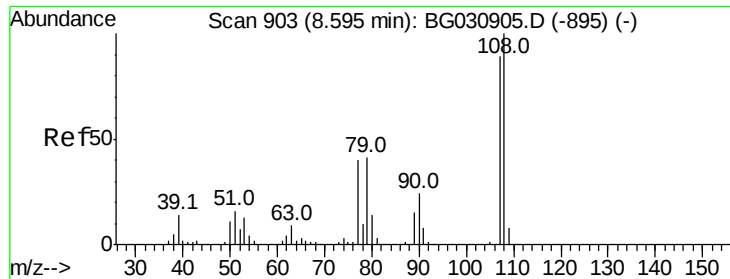
77 13.8 0.0 30.2

79 9.6 0.0 27.9



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

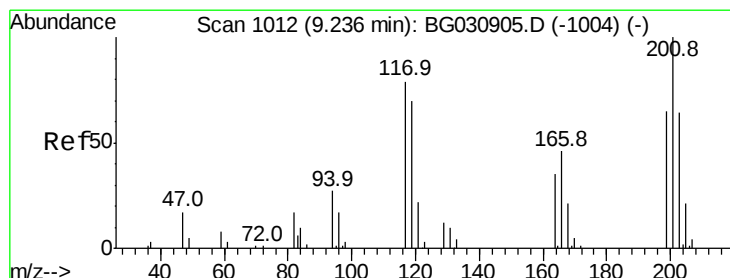
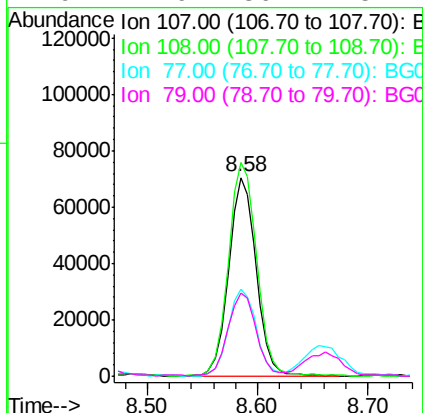
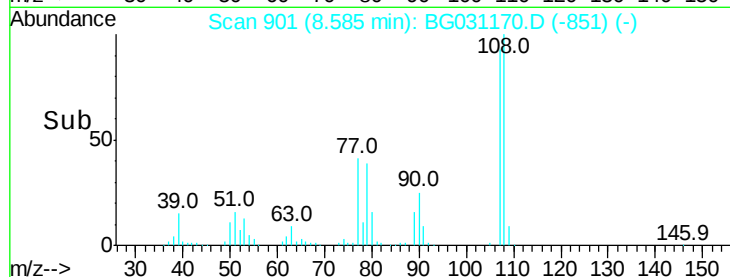
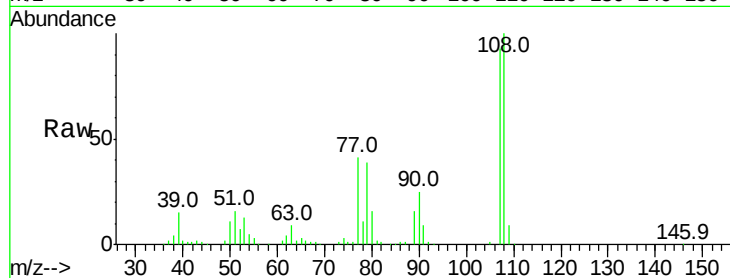




#17
2-Methylphenol
Concen: 35.229 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

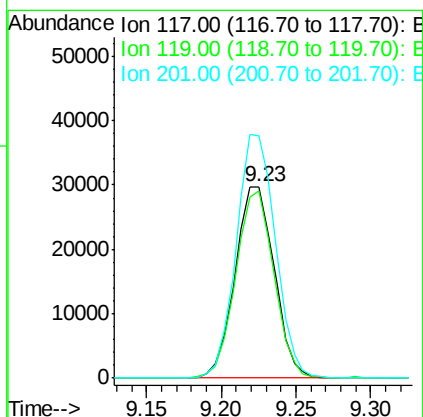
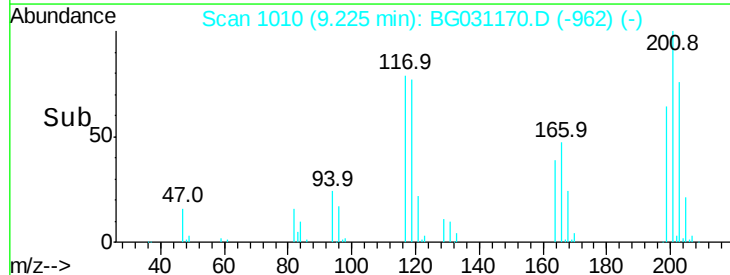
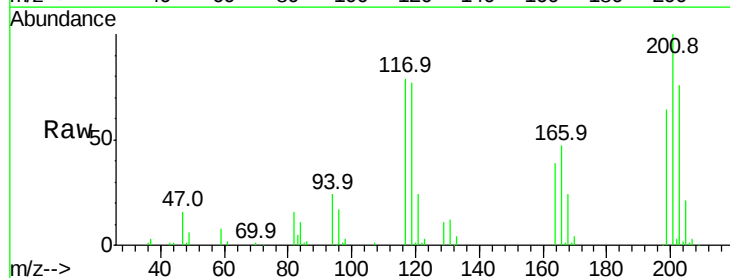
Instrument :
BNA_G
ClientSampleId :

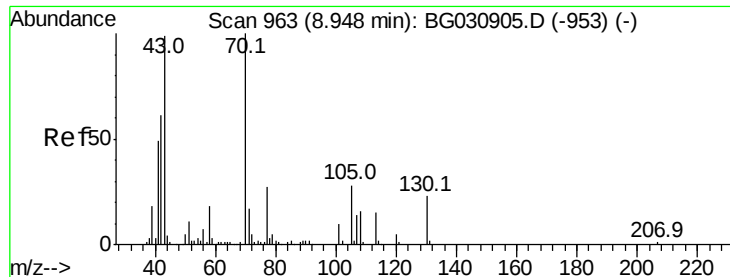
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.5	83.9	125.9
77	44.1	37.2	55.8
79	41.9	36.2	54.2



#18
Hexachloroethane
Concen: 32.984 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.7	115.1
201	126.8	95.7	143.5

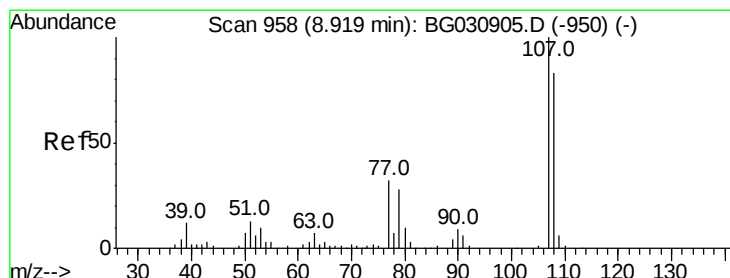
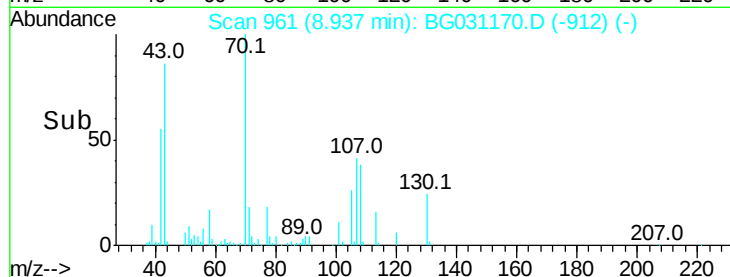
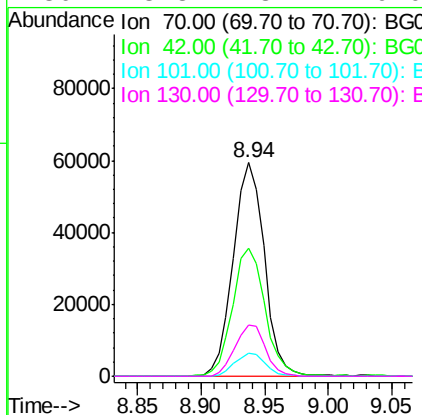
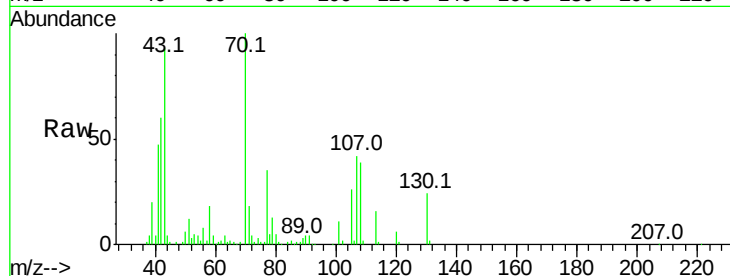




#19
n-Nitroso-di-n-propylamine
Concen: 27.517 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

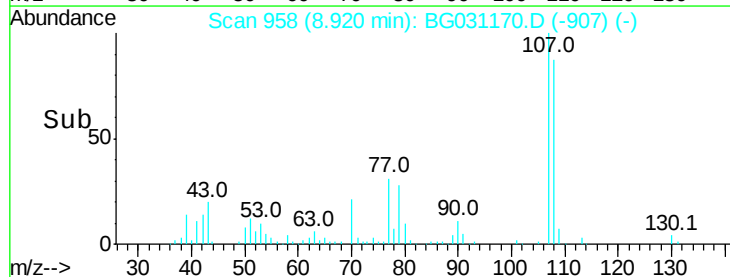
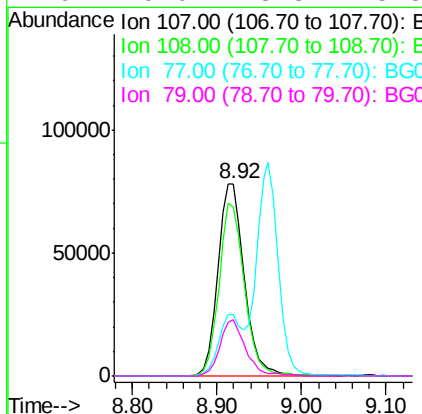
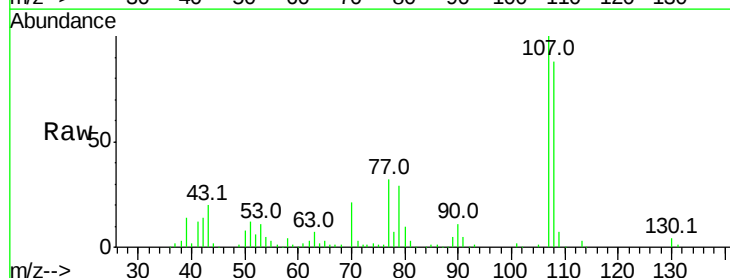
Instrument :
BNA_G
ClientSampleId :

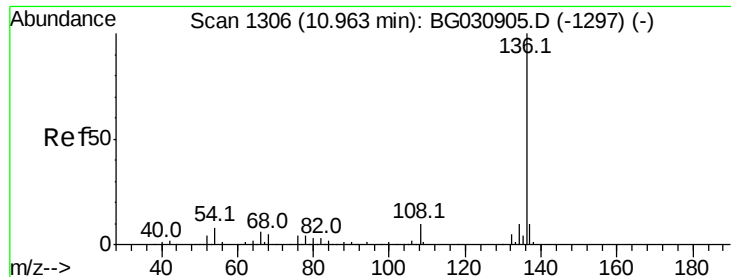
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	49.1	73.7
101	10.6	8.5	12.7
130	23.8	13.4	20.0



#20
3+4-Methylphenols
Concen: 34.180 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	61.6	101.6
77	32.3	13.9	53.9
79	29.0	8.8	48.8

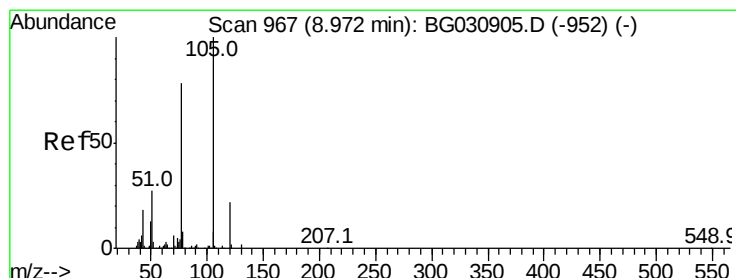
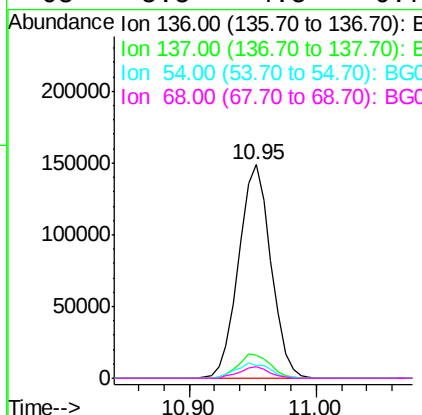
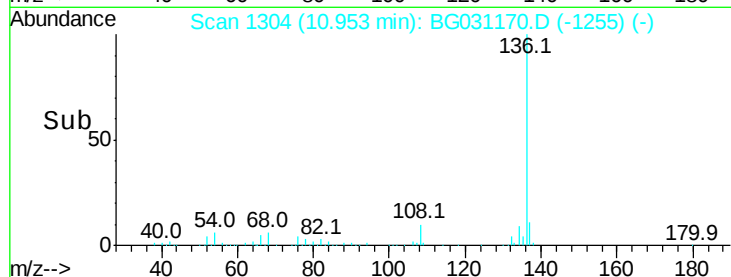
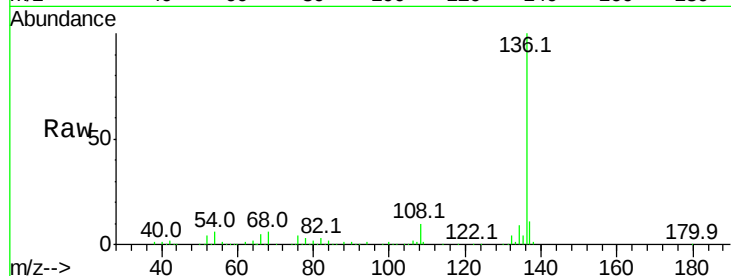




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

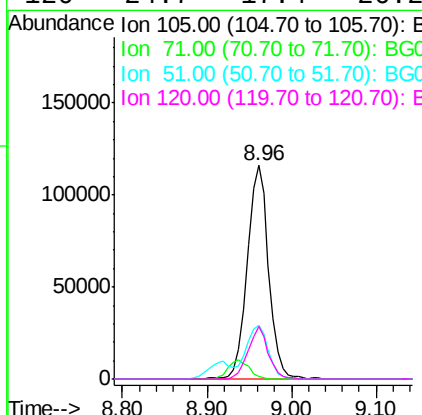
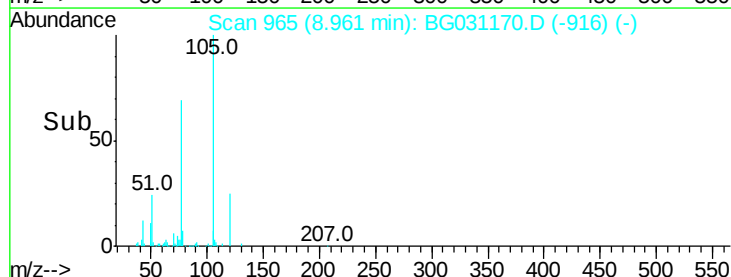
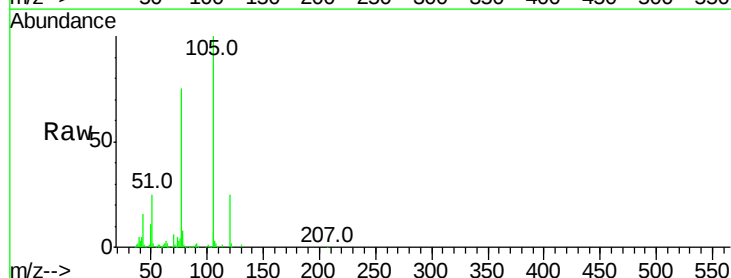
Instrument :
BNA_G
ClientSampleId :

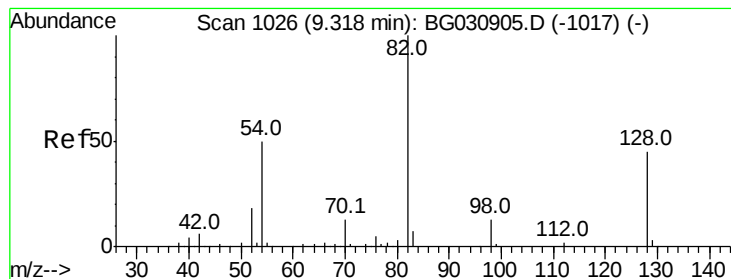
Tot Ion:136	Resp:	262066
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	6.2	10.3 15.5#
68	5.5	4.5 6.7



#22
Acetophenone
Concen: 31.288 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion:105	Resp:	204161
Ion Ratio	Lower	Upper
105	100	
71	1.1	3.0 4.4#
51	25.4	26.1 39.1#
120	24.7	17.4 26.2





#23

Nitrobenzene-d5

Concen: 62.453 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampled :

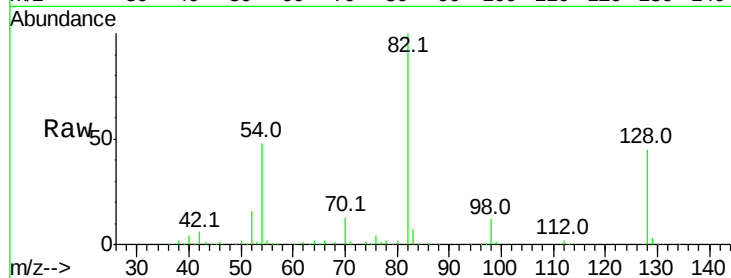
Tot Ion: 82 Resp: 276205

Ion Ratio Lower Upper

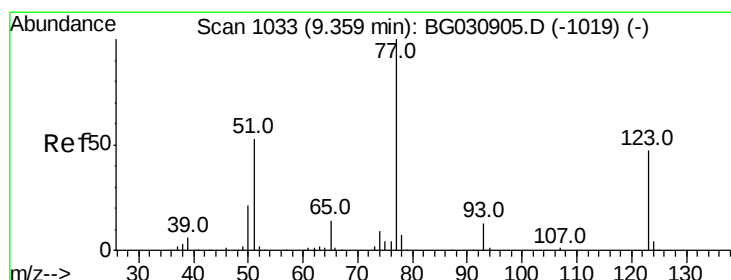
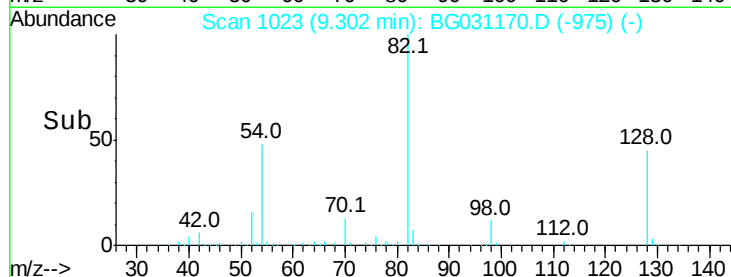
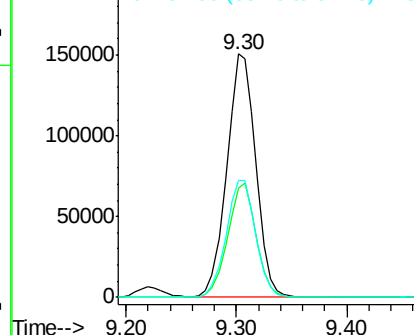
82 100

128 44.9 29.7 44.5#

54 47.8 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 33.316 ng

RT: 9.35 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

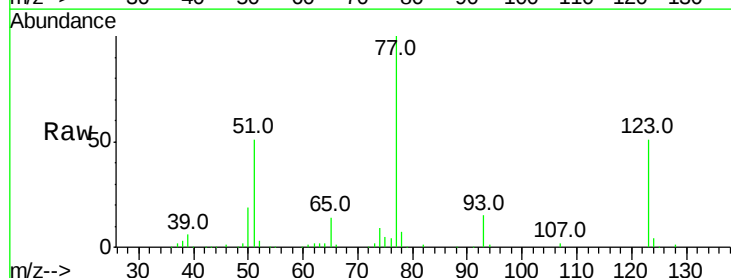
Tgt Ion: 77 Resp: 150510

Ion Ratio Lower Upper

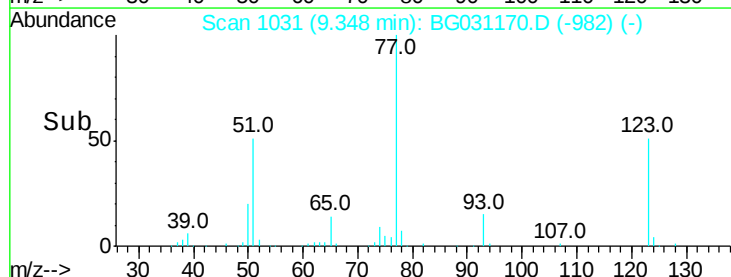
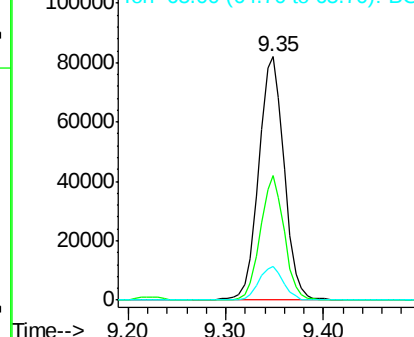
77 100

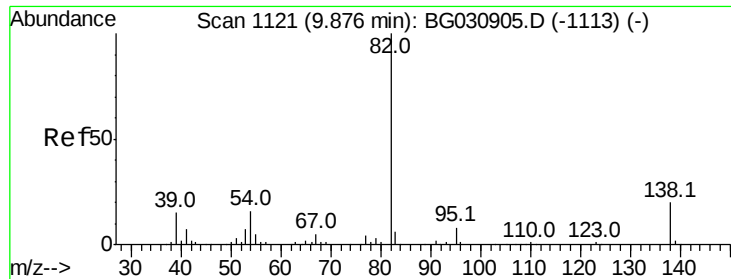
123 51.0 33.0 49.6#

65 14.0 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

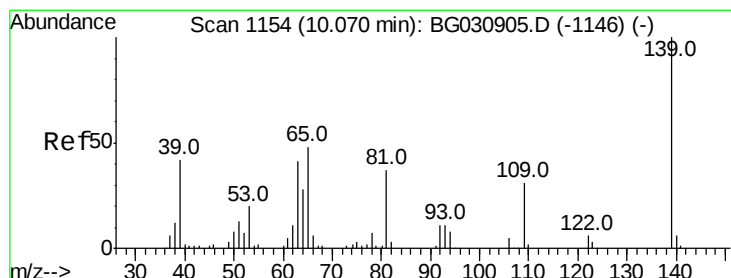
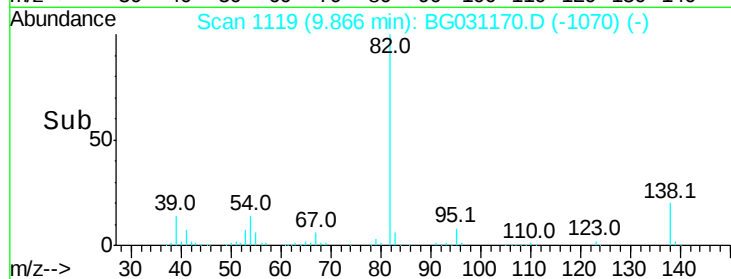
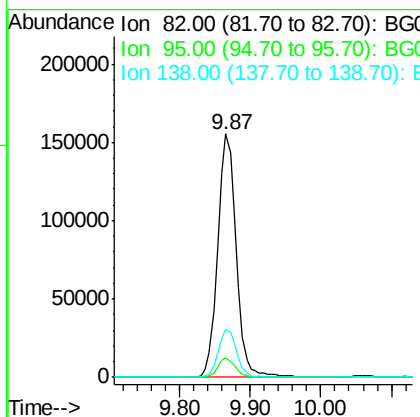
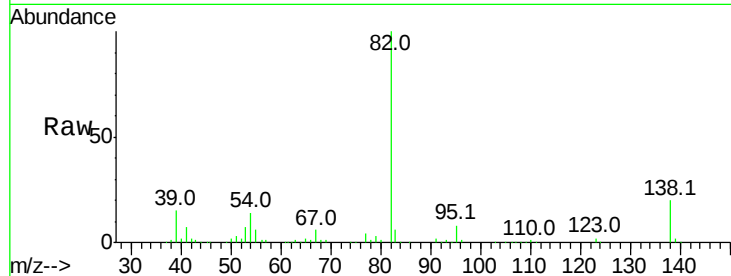




#25
Isophorone
Concen: 32.737 ng
RT: 9.87 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

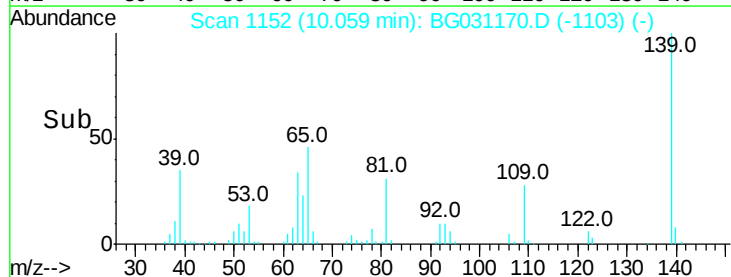
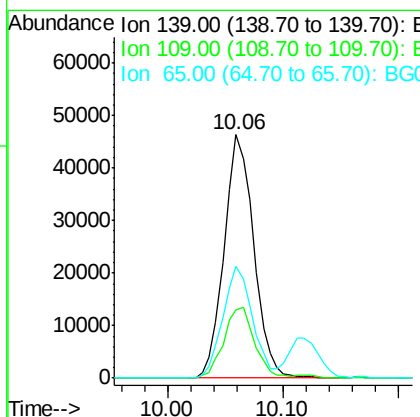
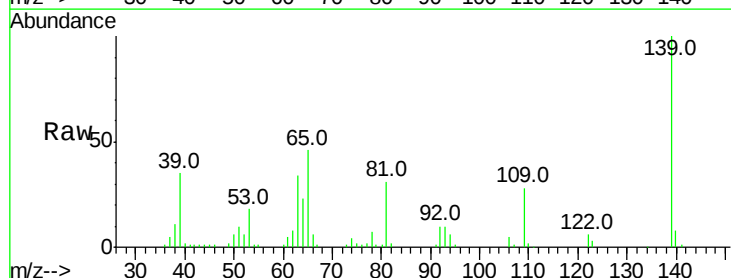
Instrument :
BNA_G
ClientSampleId :

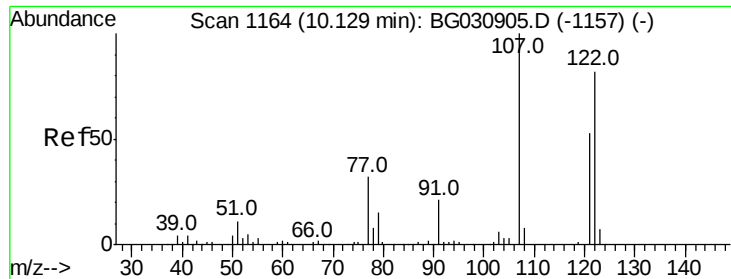
Tot Ion: 82 Resp: 282361
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 19.7 12.1 18.1#



#26
2-Nitrophenol
Concen: 35.215 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion:139 Resp: 82924
Ion Ratio Lower Upper
139 100
109 28.0 24.2 36.2
65 45.7 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 40.029 ng

RT: 10.12 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

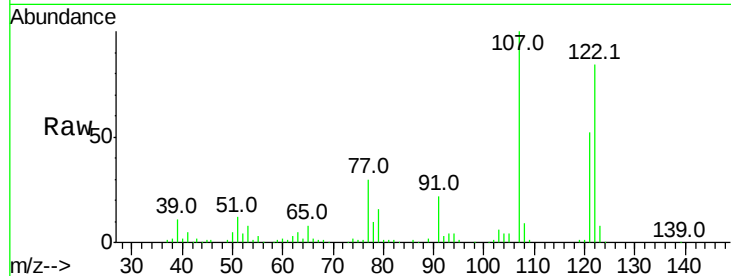
Tot Ion:122 Resp: 139940

Ion Ratio Lower Upper

122 100

107 119.7 100.2 150.2

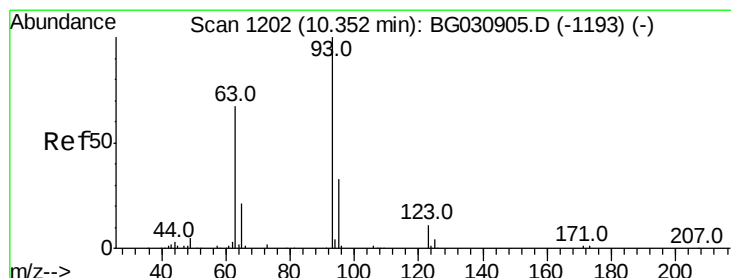
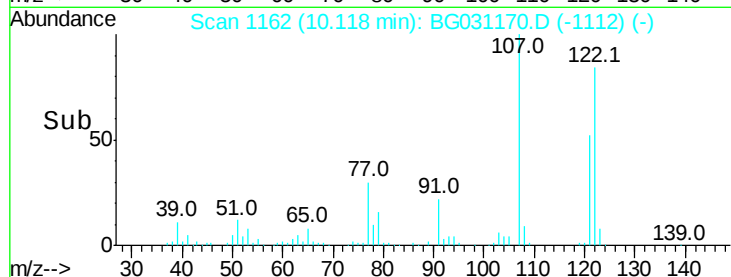
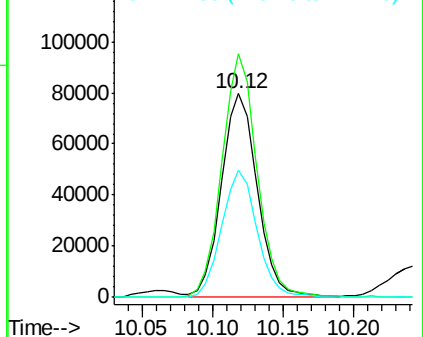
121 62.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.446 ng

RT: 10.34 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

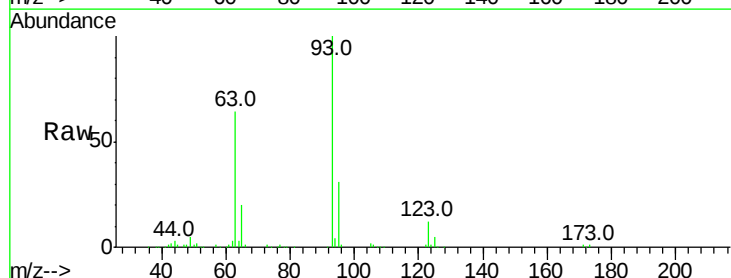
Tgt Ion: 93 Resp: 181690

Ion Ratio Lower Upper

93 100

95 31.4 24.3 36.5

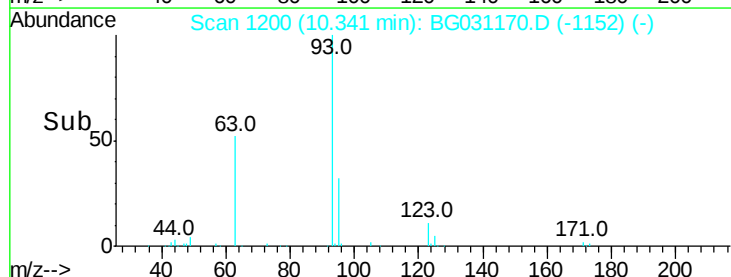
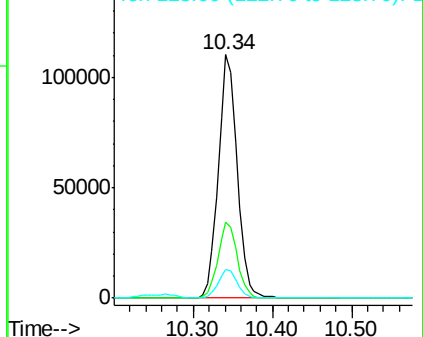
123 11.7 8.4 12.6

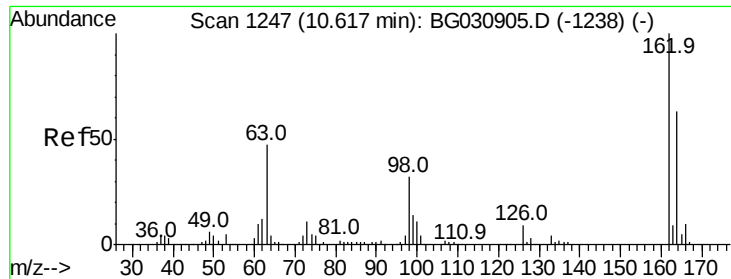


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

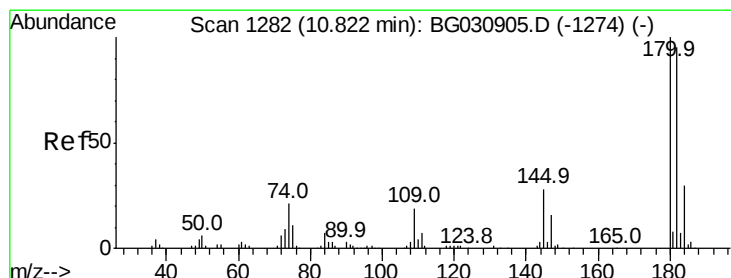
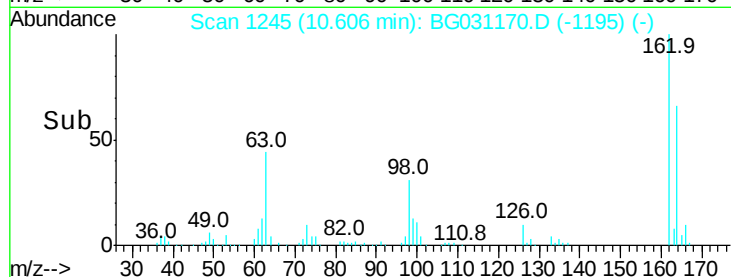
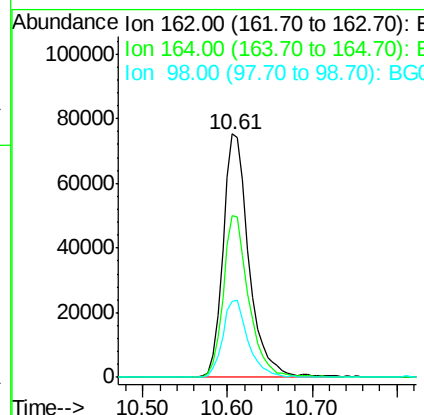
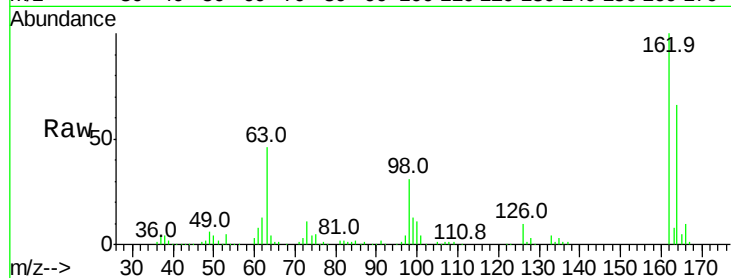




#29
 2,4-Dichlorophenol
 Concen: 38.000 ng
 RT: 10.61 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

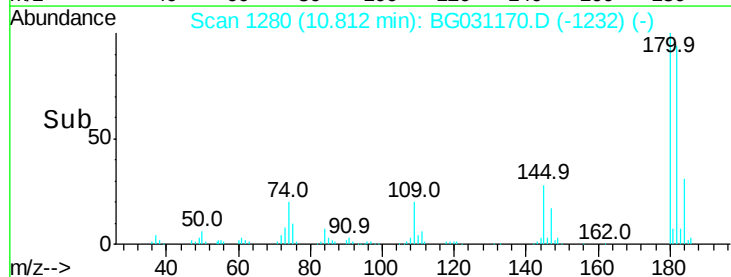
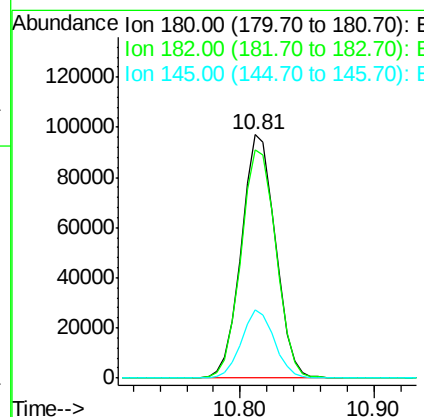
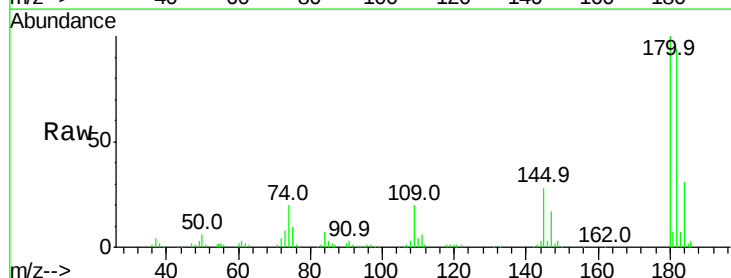
Instrument :
 BNA_G
 ClientSampleId :

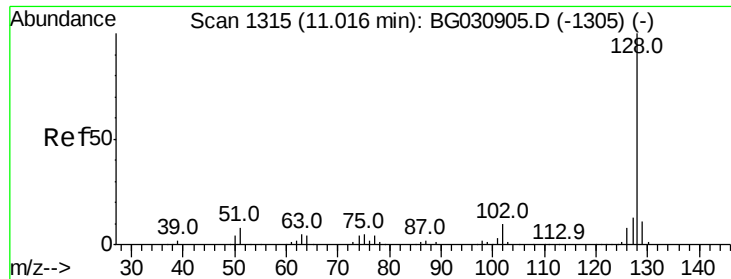
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.0	88.0
98	31.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.180 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.5	116.3
145	28.0	23.4	35.2

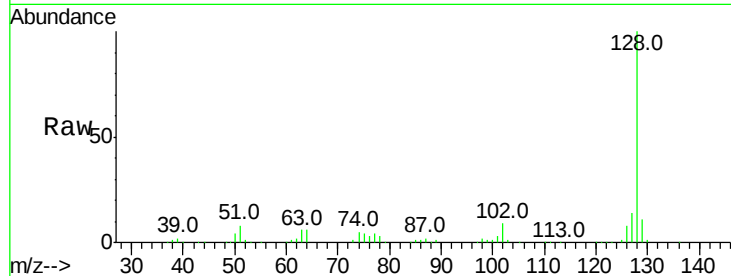




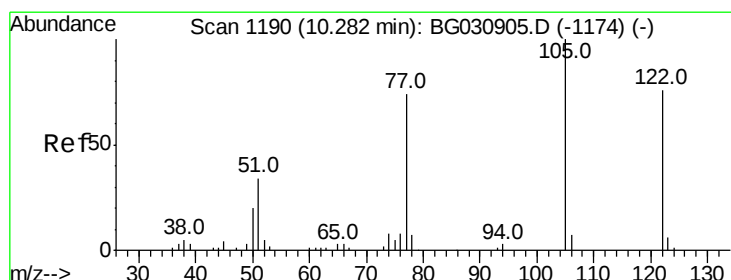
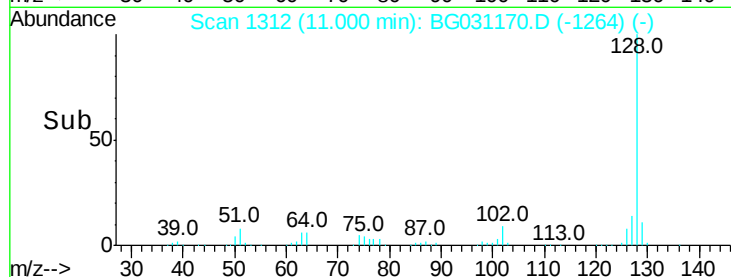
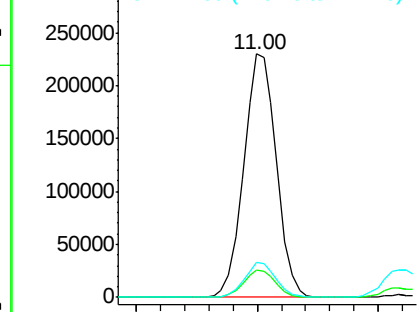
#31
Naphthalene
Concen: 33.327 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 429344
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.2 11.6 17.4

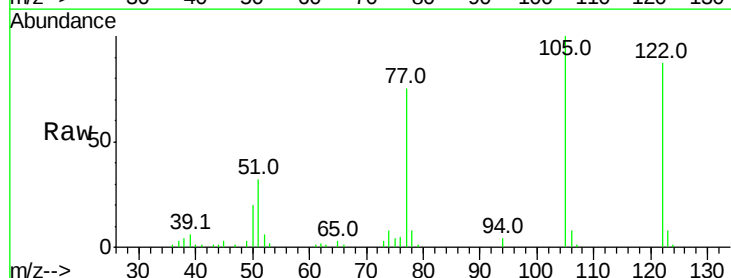


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

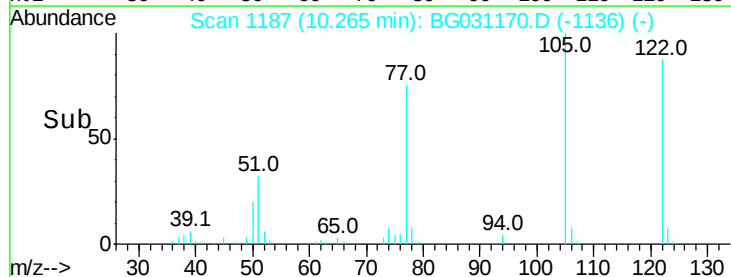
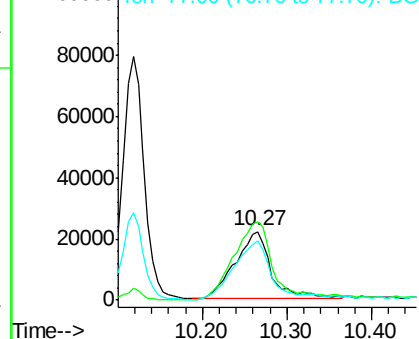


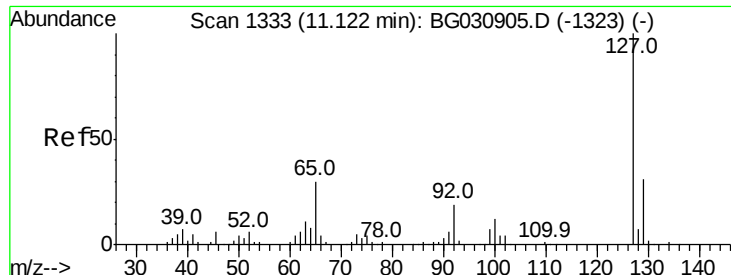
#32
Benzoic acid
Concen: 25.570 ng
RT: 10.27 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion:122 Resp: 65719
Ion Ratio Lower Upper
122 100
105 114.7 123.5 163.5#
77 86.1 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

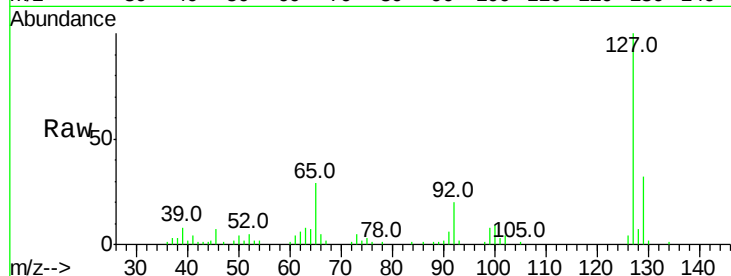




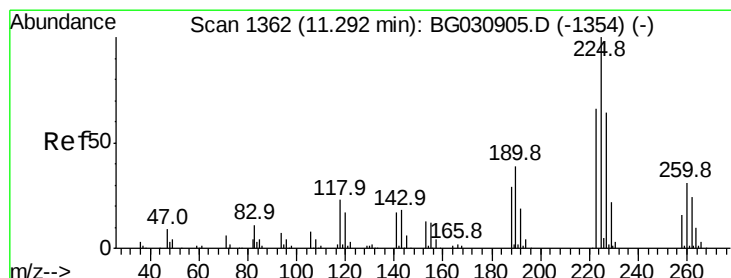
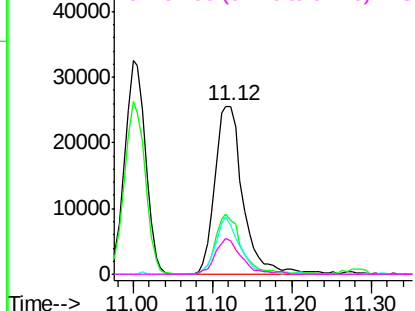
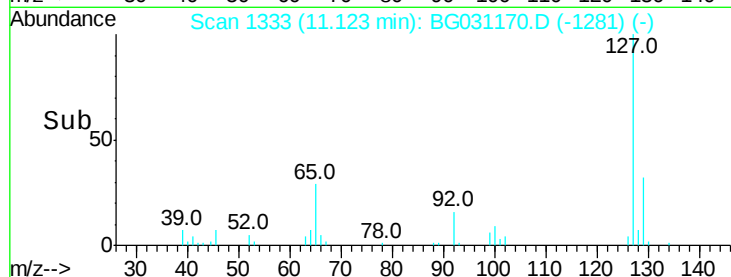
#33
4-Chloroaniline
Concen: 11.157 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	62919
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.0	36.0
65	29.1	27.0	40.4
92	20.1	16.6	25.0

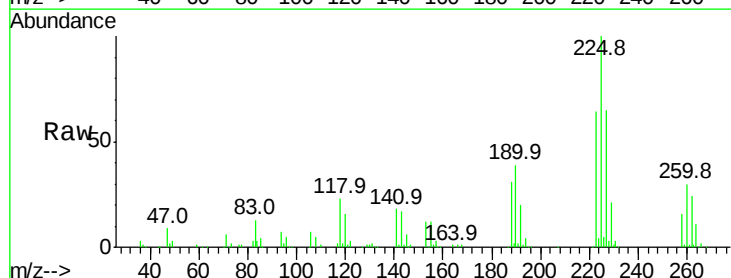


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

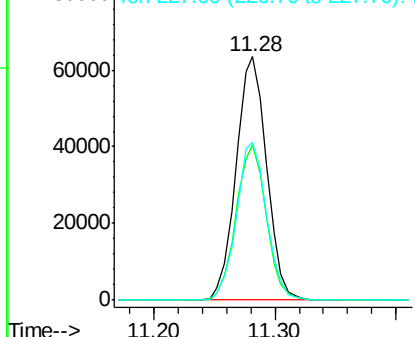
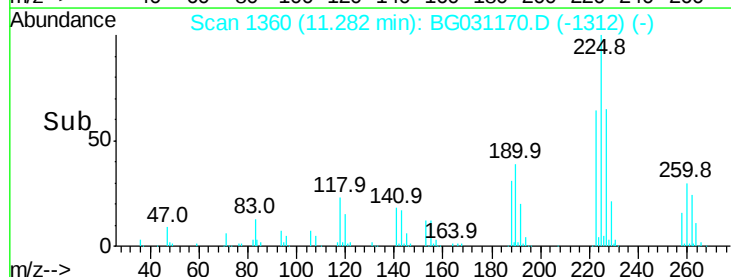


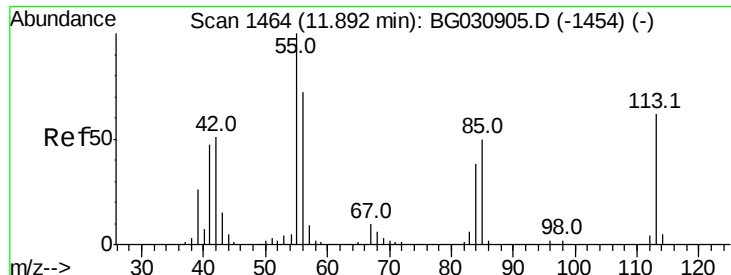
#34
Hexachlorobutadiene
Concen: 32.231 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion:	225	Resp:	112033
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	65.1	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: 20.564 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

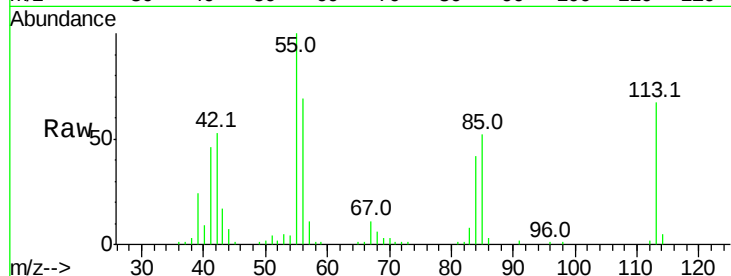
Tot Ion:113 Resp: 35266

Ion Ratio Lower Upper

113 100

55 149.8 186.9 226.9#

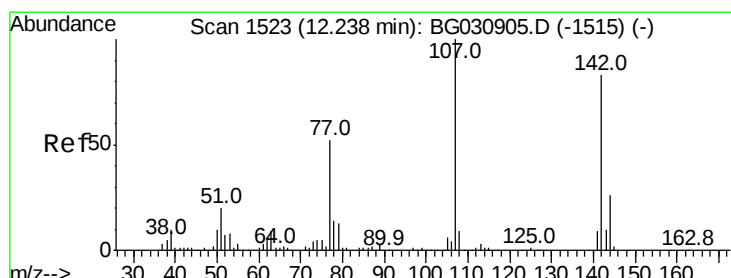
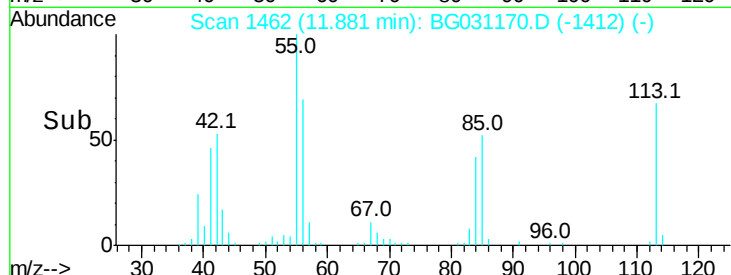
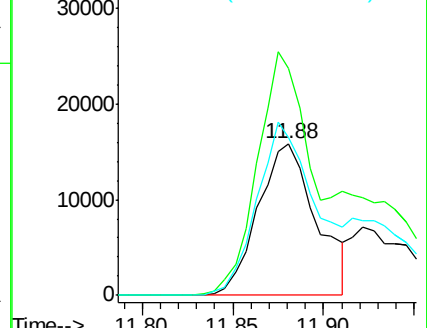
56 103.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 33.563 ng

RT: 12.23 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

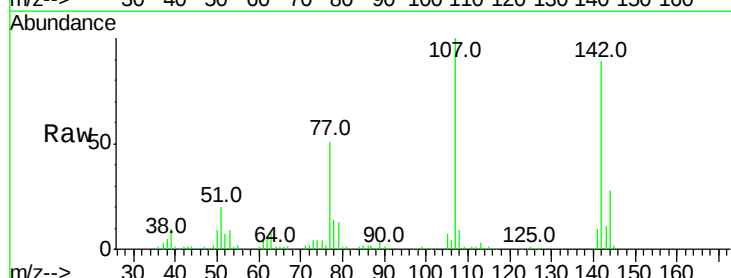
Tgt Ion:107 Resp: 153351

Ion Ratio Lower Upper

107 100

144 27.8 18.2 27.4#

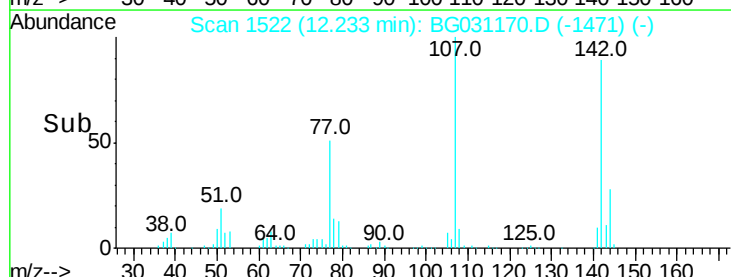
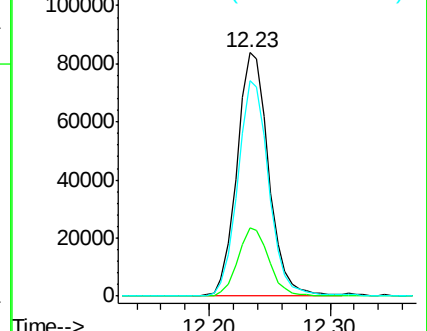
142 88.6 59.0 88.4#

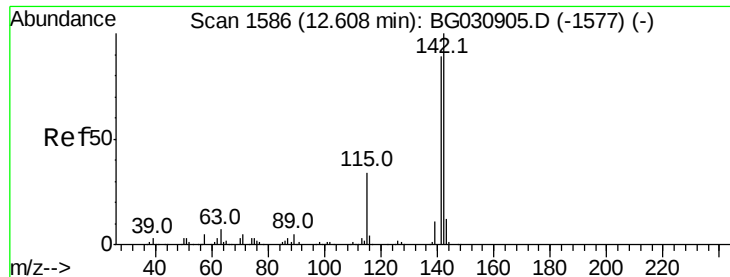


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

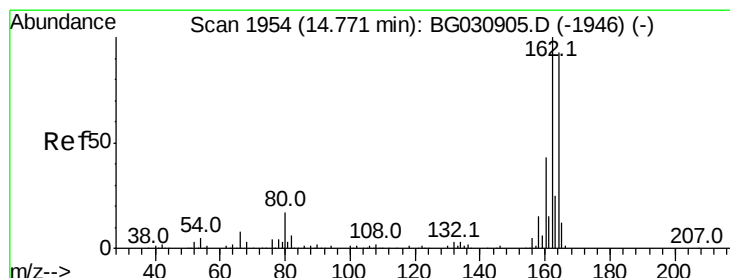
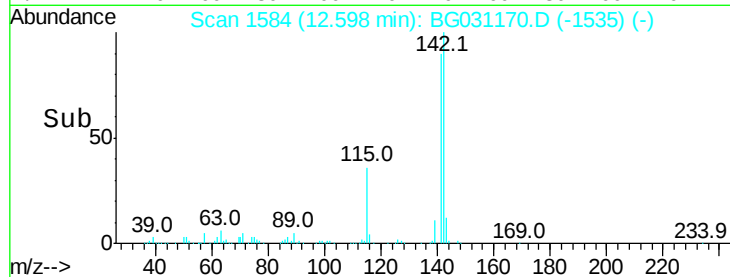
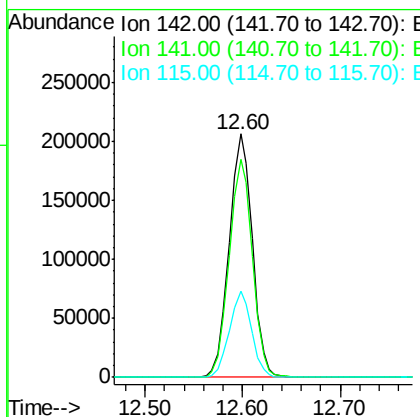
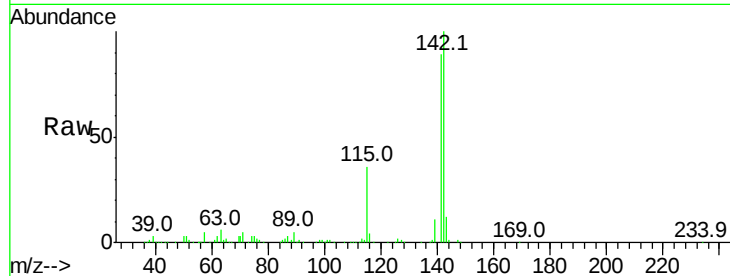




#37
2-Methylnaphthalene
Concen: 34.139 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

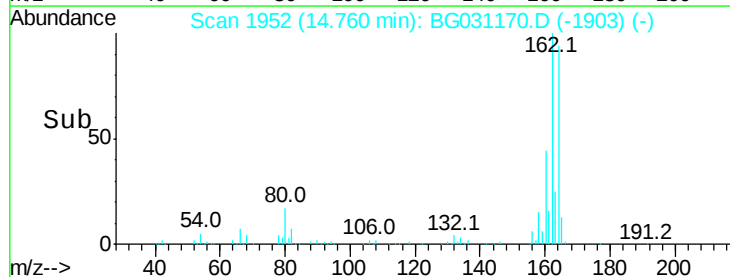
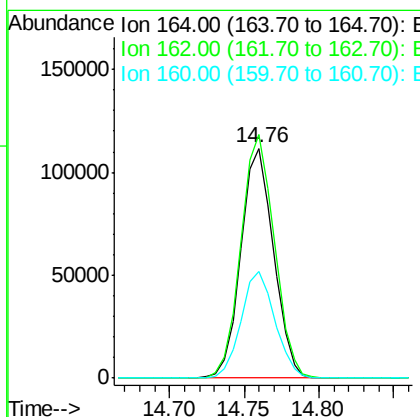
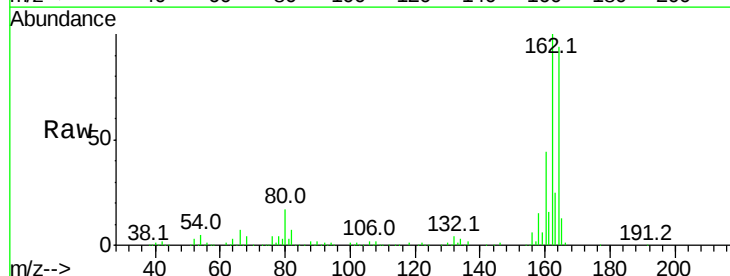
Instrument :
BNA_G
ClientSampleId :

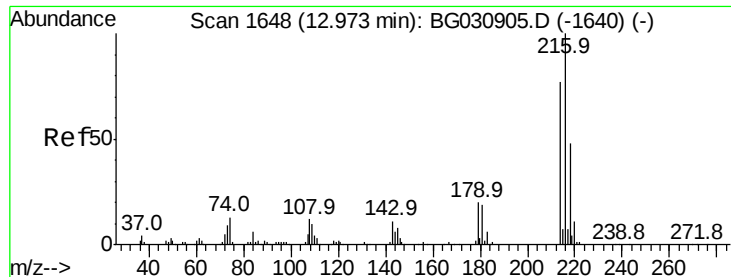
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	35.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.8	118.2
160	46.4	35.4	53.0

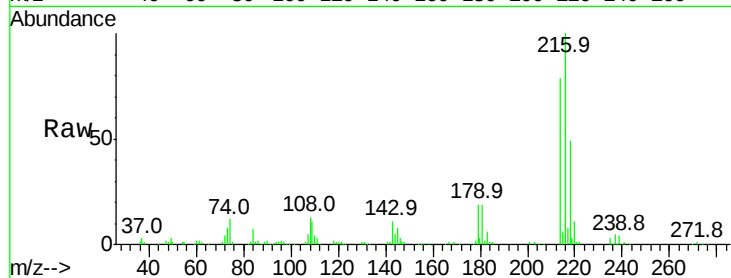




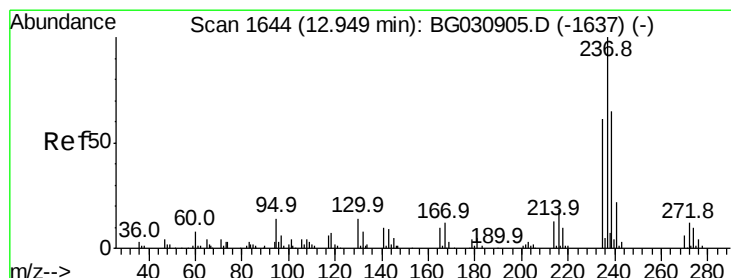
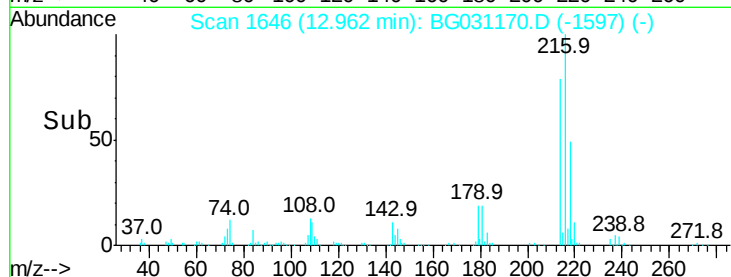
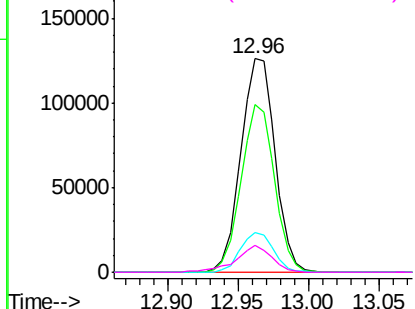
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.864 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	213564
Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.4
179	18.1	17.0	25.6
108	13.2	12.8	19.2

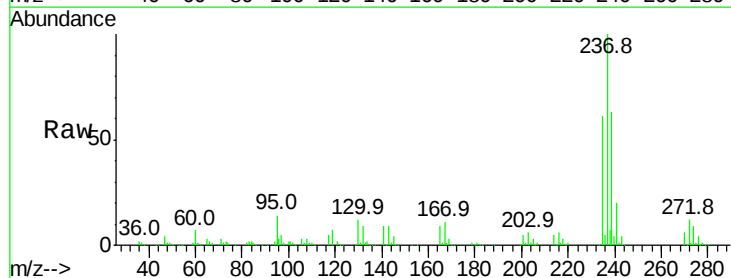


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

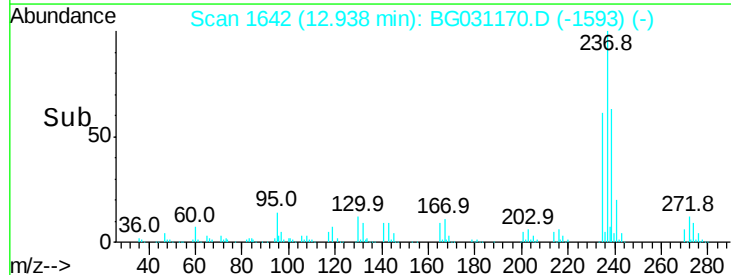
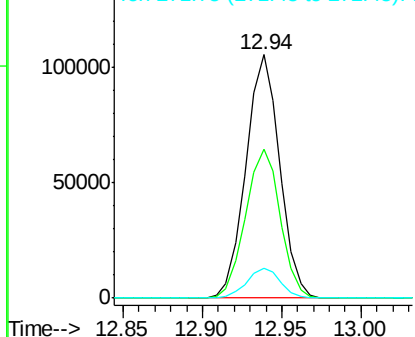


#40
 Hexachlorocyclopentadiene
 Concen: 65.287 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Tgt Ion:	237	Resp:	156229
Ion	Ratio	Lower	Upper
237	100		
235	61.1	50.4	90.4
272	12.2	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

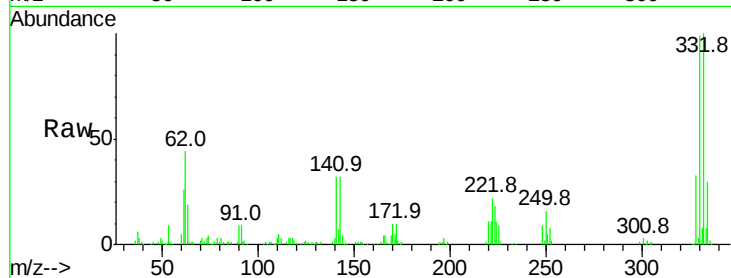




#41
 2,4,6-Tribromophenol
 Concen: 51.655 ng
 RT: 16.25 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	34.7	25.2	37.8

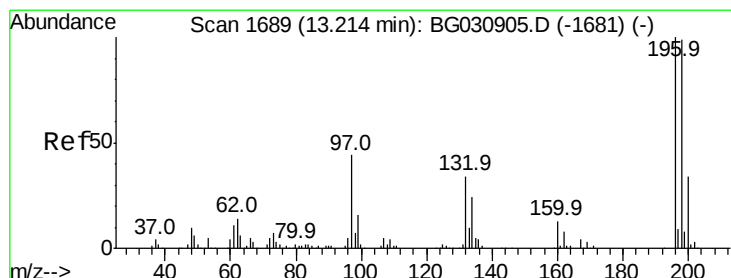
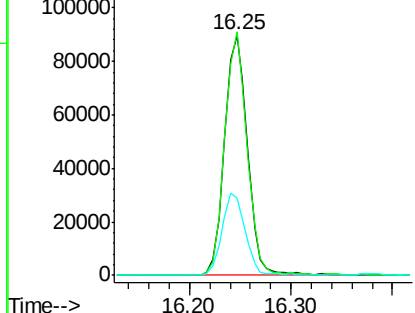
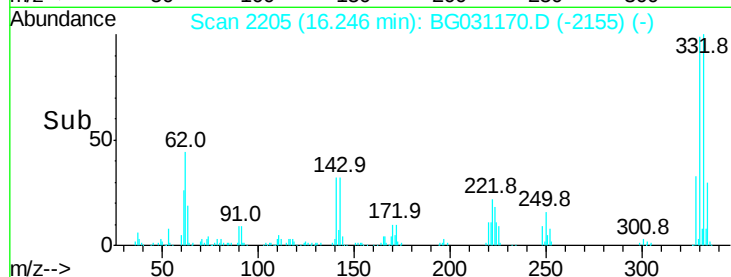


Abundance

Ion 329.80 (329.50 to 330.50): E

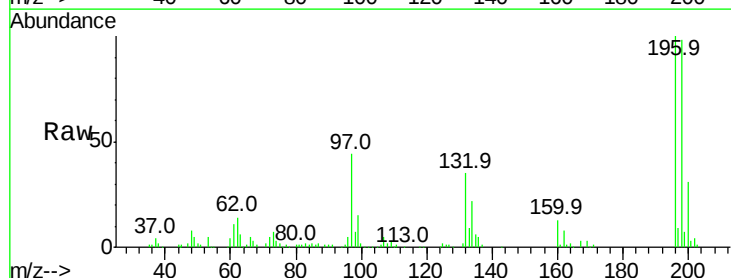
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.200 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.2
200	31.3	24.6	36.8

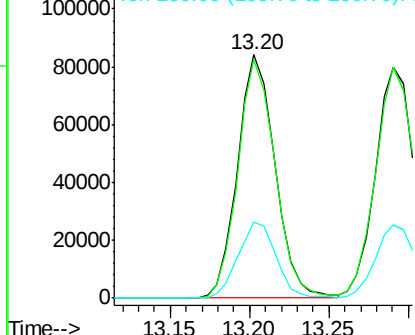
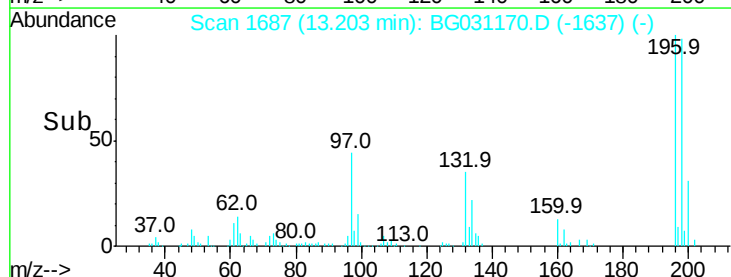


Abundance

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

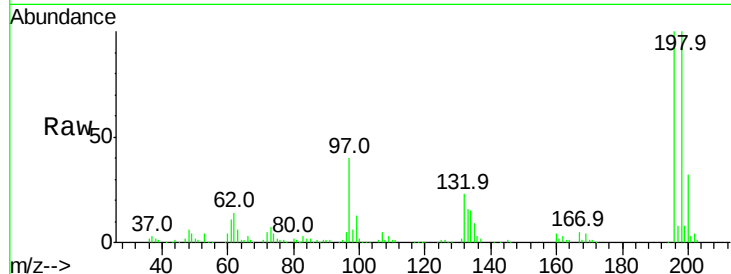




#43
 2,4,5-Trichlorophenol
 Concen: 34.336 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.2	114.4
97	39.6	38.7	58.1
132	23.0	20.2	30.2



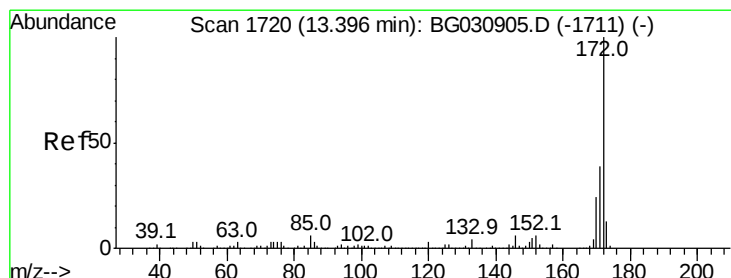
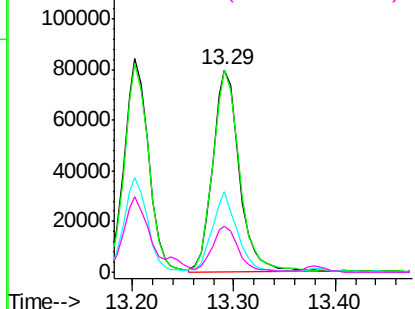
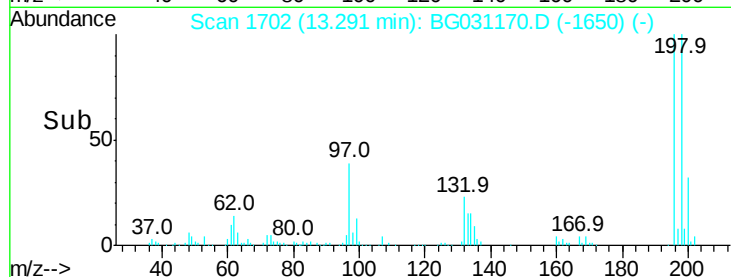
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

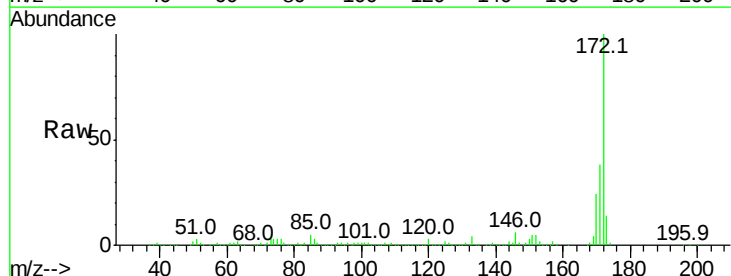
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.806 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.0	19.5	29.3

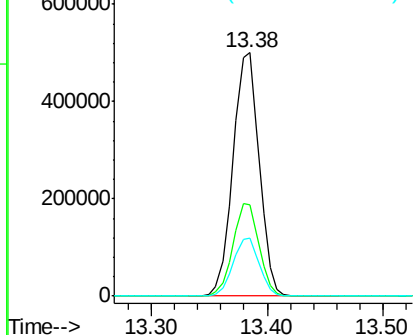
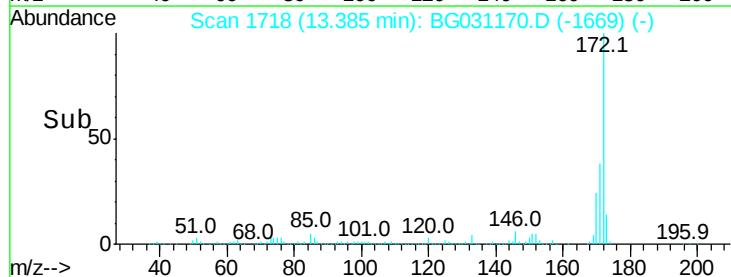


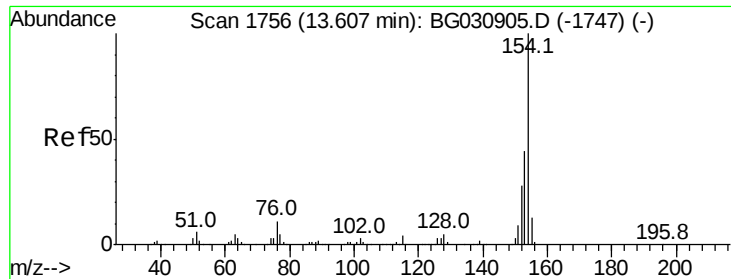
Abundance

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: 32.421 ng

RT: 13.60 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

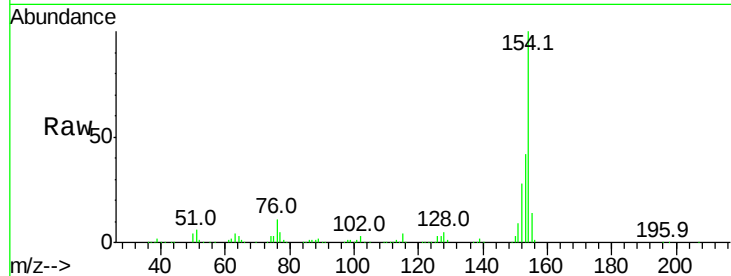
Tot Ion:154 Resp: 454000

Ion Ratio Lower Upper

154 100

153 41.8 19.8 59.8

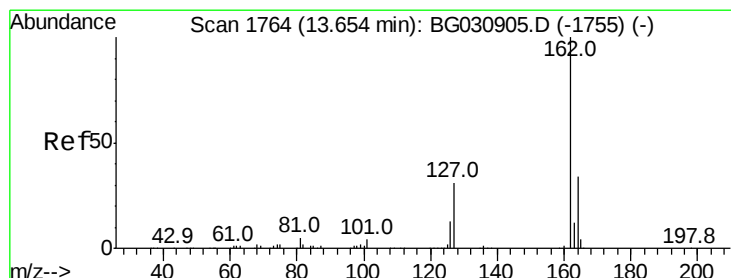
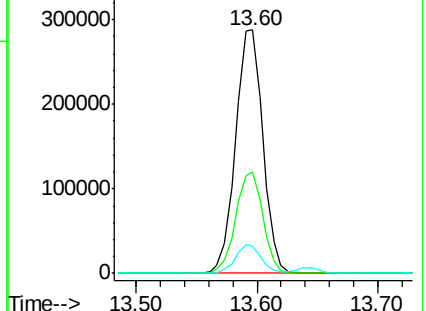
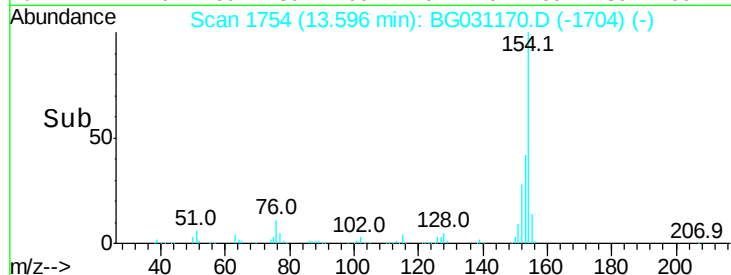
76 11.2 0.0 31.9



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): E



#46

2-Chloronaphthalene

Concen: 36.140 ng

RT: 13.64 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

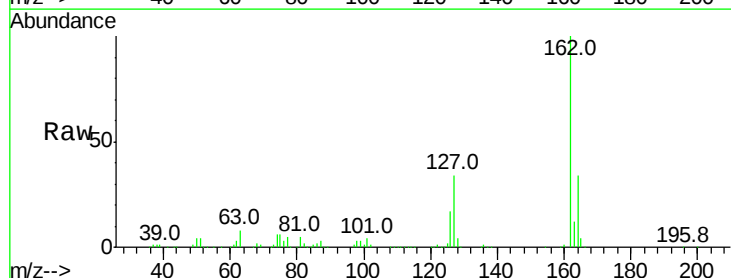
Tgt Ion:162 Resp: 365138

Ion Ratio Lower Upper

162 100

127 34.1 30.7 46.1

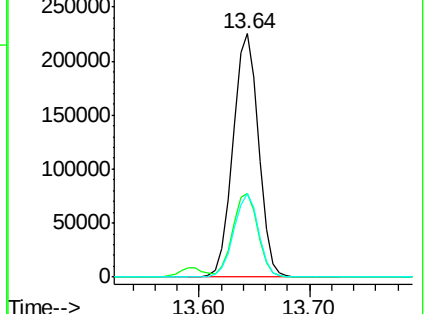
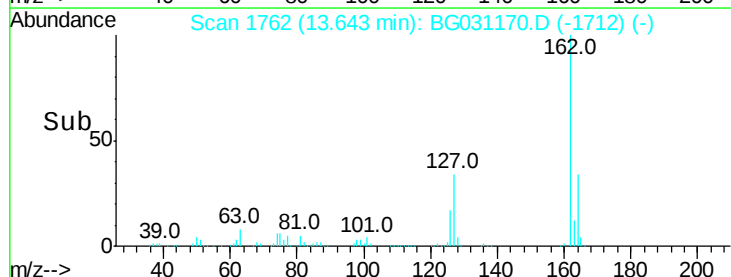
164 34.2 26.0 39.0

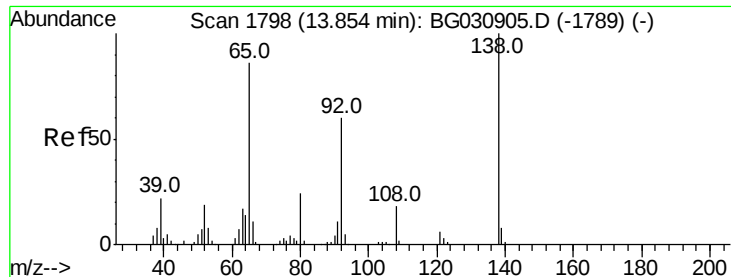


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

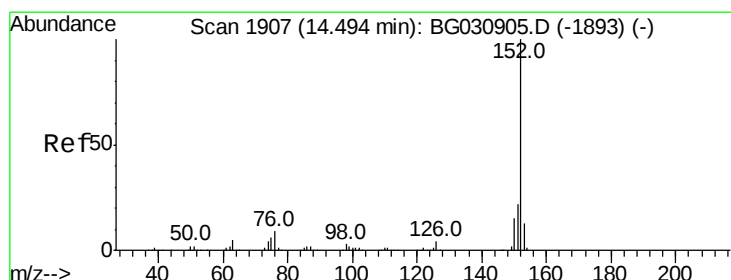
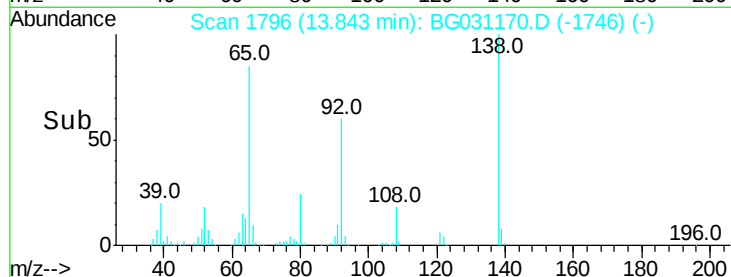
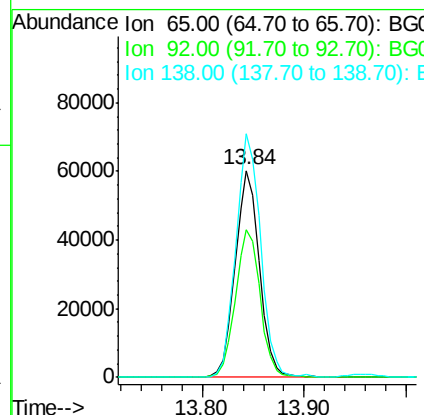
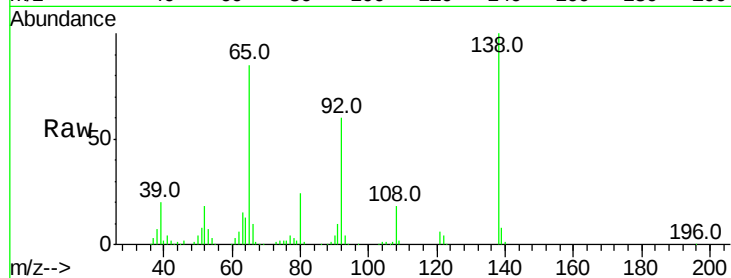




#47
2-Nitroaniline
Concen: 33.252 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

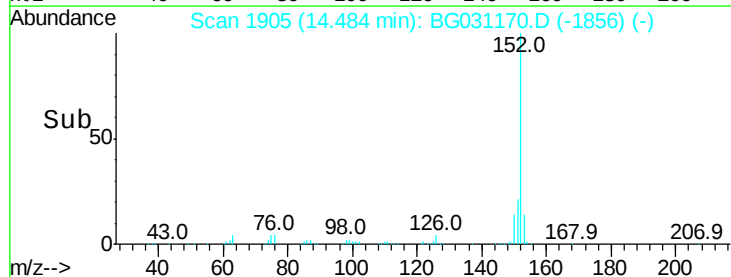
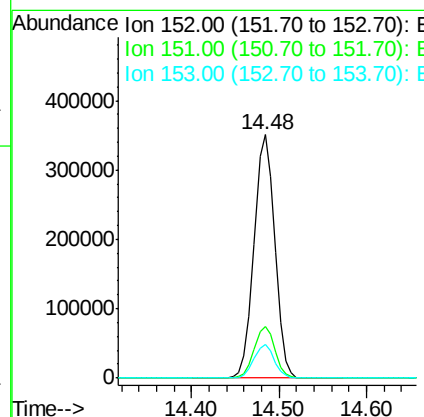
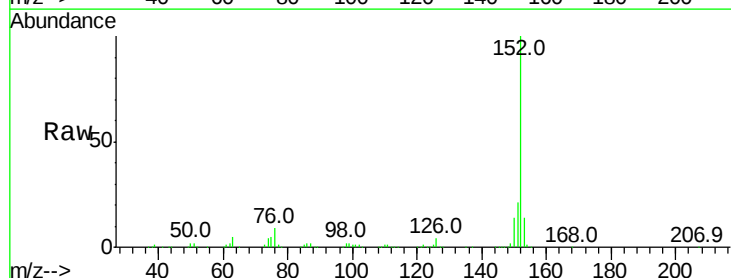
Instrument :
BNA_G
ClientSampled :

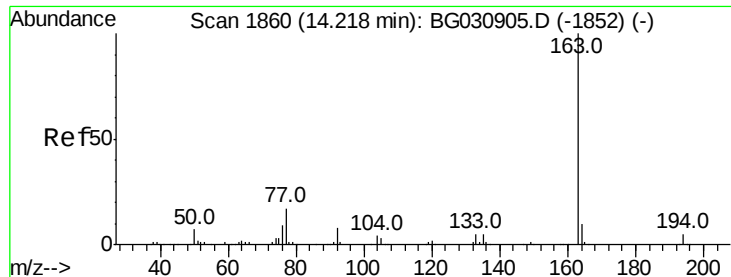
Tot Ion: 65 Resp: 99578
Ion Ratio Lower Upper
65 100
92 71.2 54.6 82.0
138 117.8 72.9 109.3#



#48
Acenaphthylene
Concen: 33.777 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion: 152 Resp: 558552
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 33.249 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

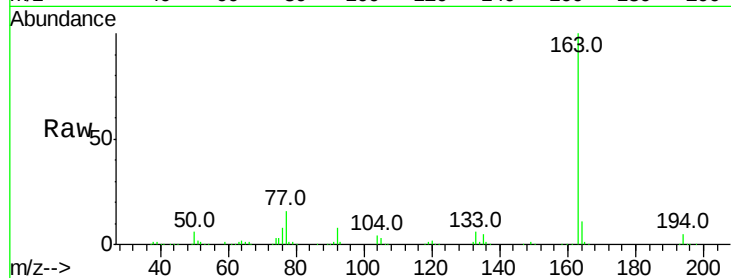
Tot Ion:163 Resp: 485464

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

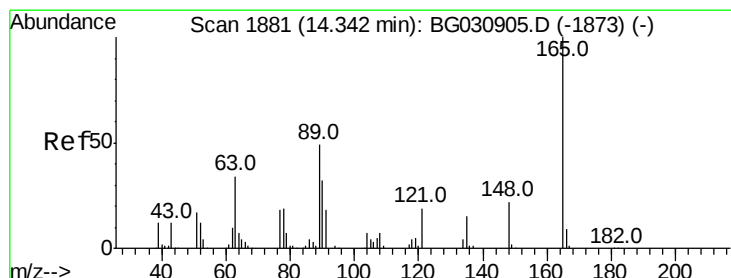
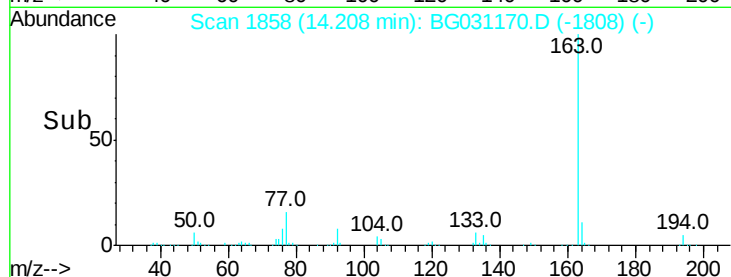
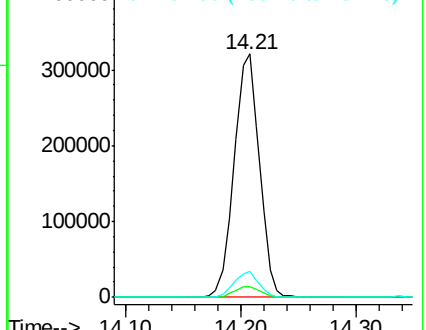
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.089 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

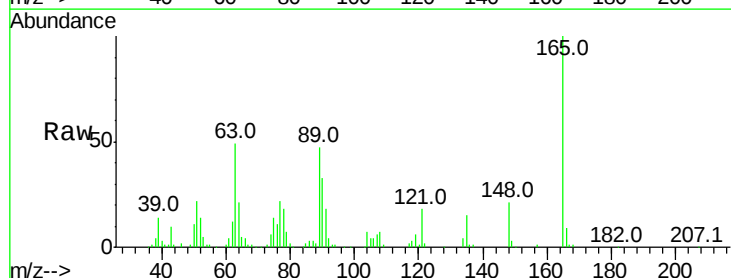
Tgt Ion:165 Resp: 105599

Ion Ratio Lower Upper

165 100

63 49.0 52.7 79.1#

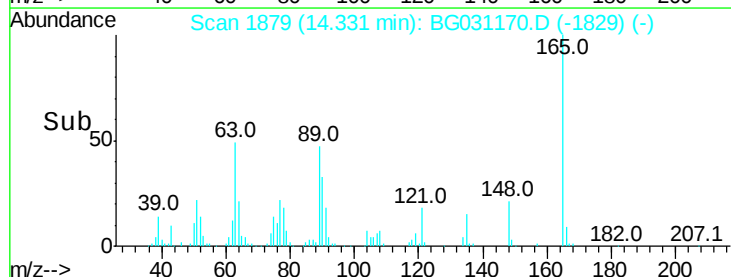
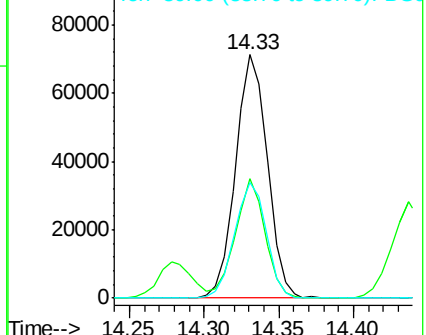
89 47.3 49.2 73.8#

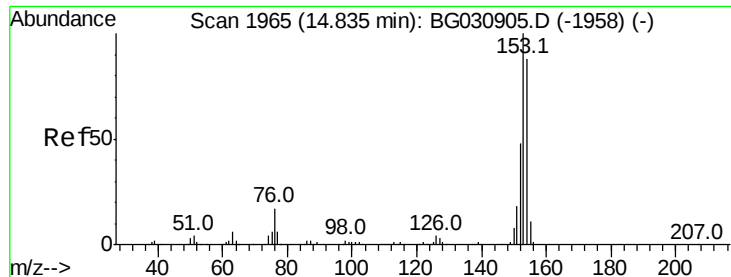


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 32.930 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

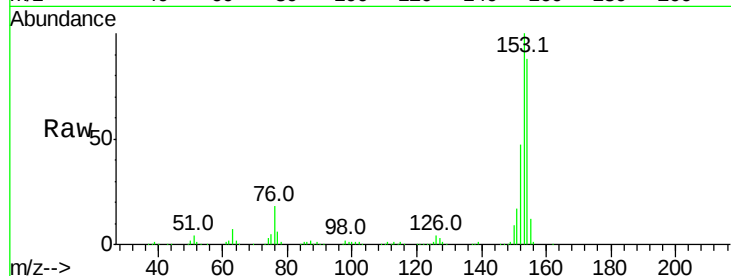
Tot Ion:154 Resp: 340088

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

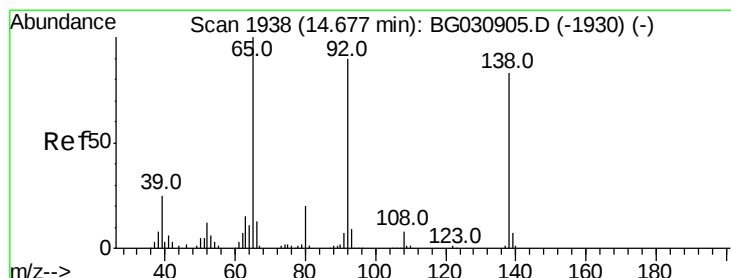
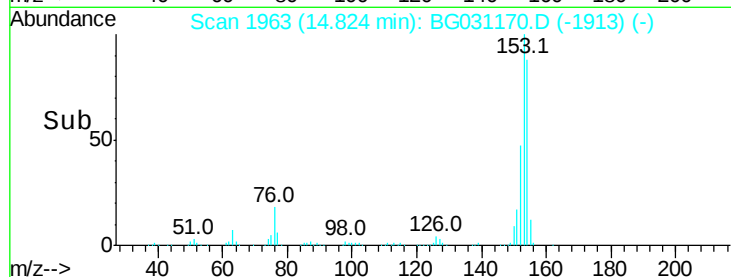
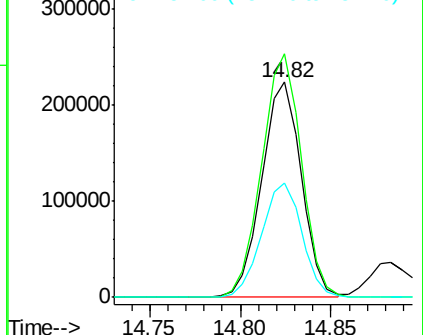
152 53.1 41.6 62.4



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: 15.510 ng

RT: 14.67 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

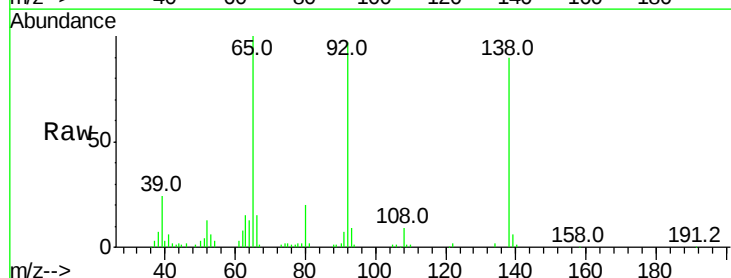
Tgt Ion:138 Resp: 49564

Ion Ratio Lower Upper

138 100

108 9.6 17.5 26.3#

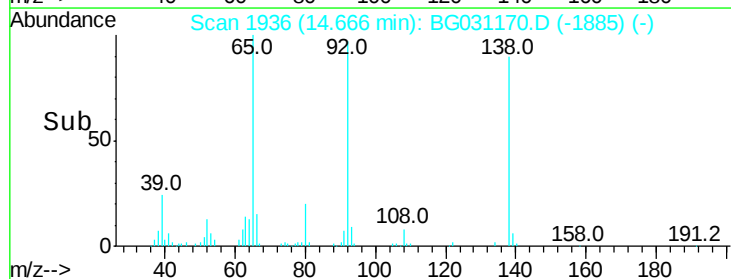
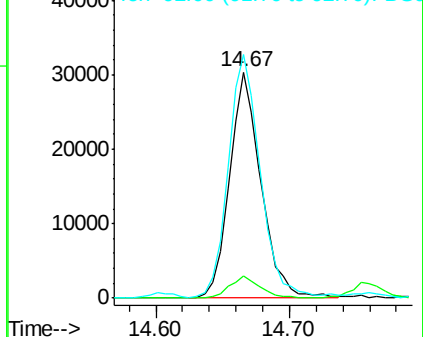
92 107.9 105.8 158.8

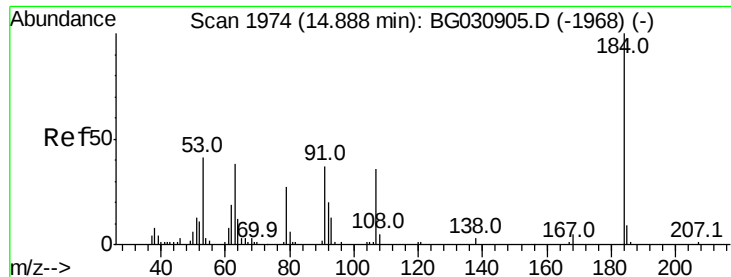


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

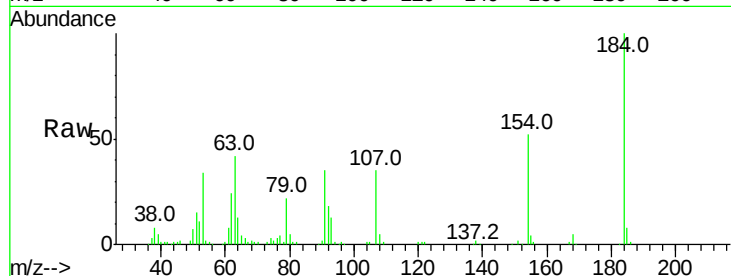




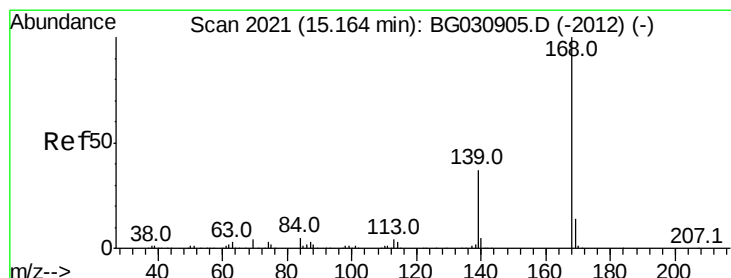
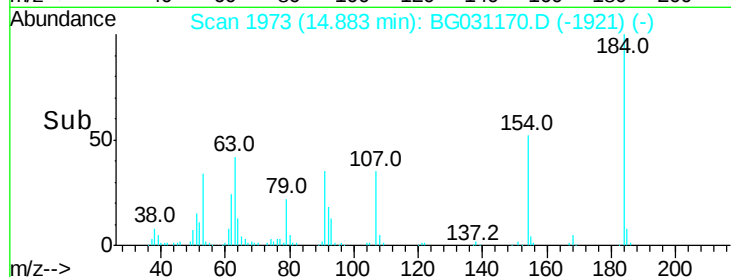
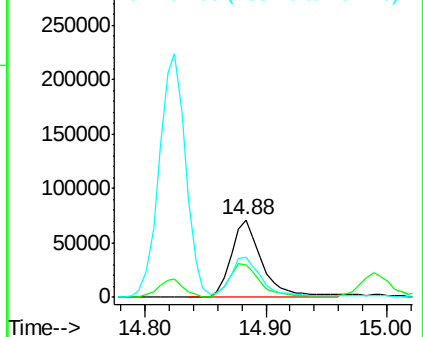
#53
2,4-Dinitrophenol
Concen: 77.302 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 127634
Ion Ratio Lower Upper
184 100
63 42.4 59.8 89.8#
154 51.6 101.8 152.8#

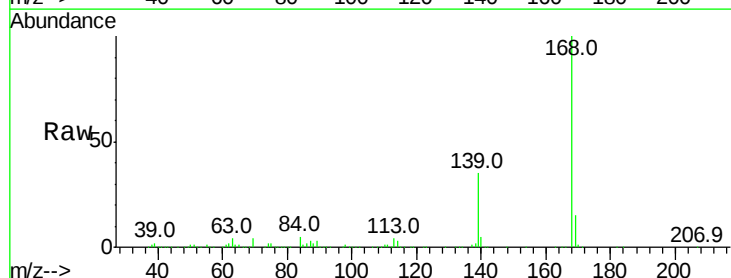


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

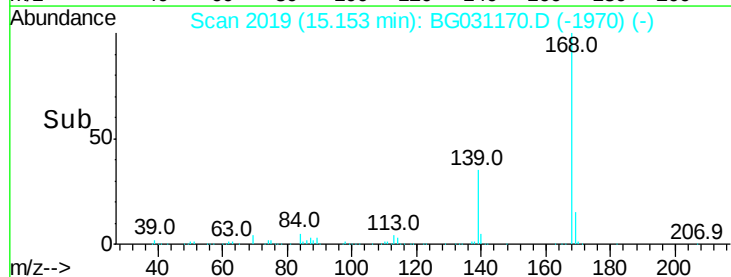
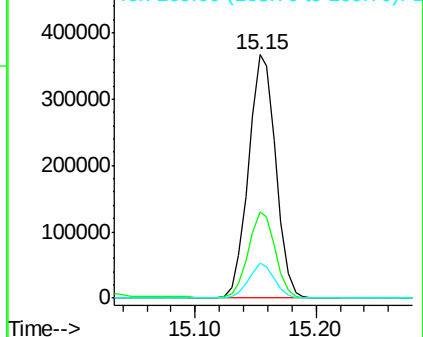


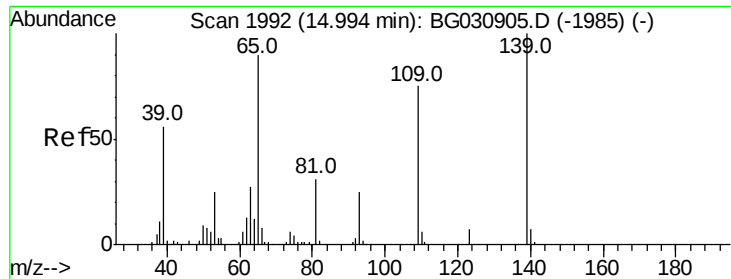
#54
Dibenzofuran
Concen: 34.960 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion:168 Resp: 575098
Ion Ratio Lower Upper
168 100
139 35.2 28.6 43.0
169 14.6 11.2 16.8



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





#55

4-Nitrophenol

Concen: 67.429 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampled :

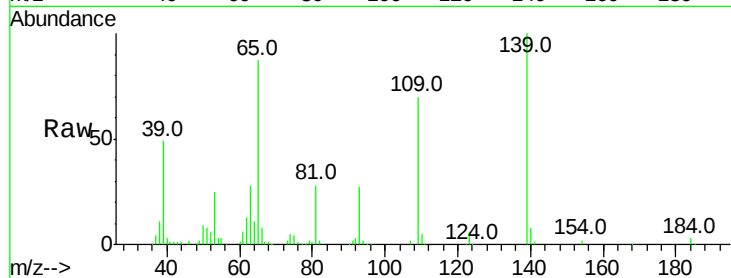
Tot Ion:139 Resp: 153489

Ion Ratio Lower Upper

139 100

109 69.9 62.2 102.2

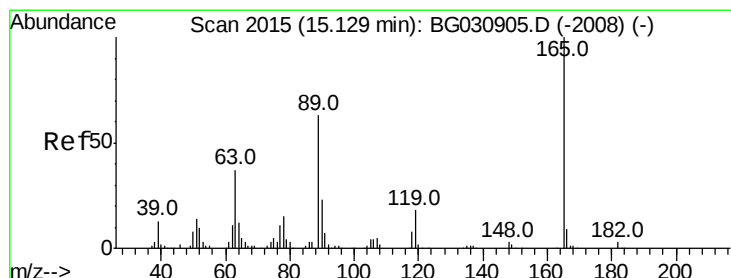
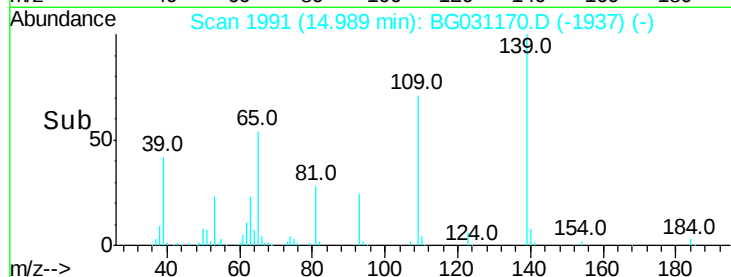
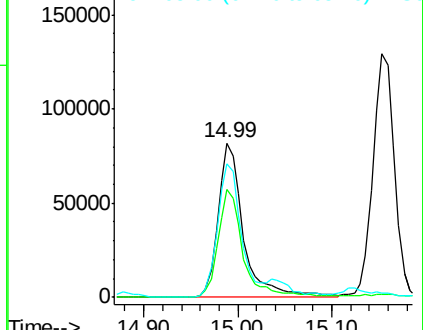
65 86.9 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 35.917 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Tgt Ion:165 Resp: 156267

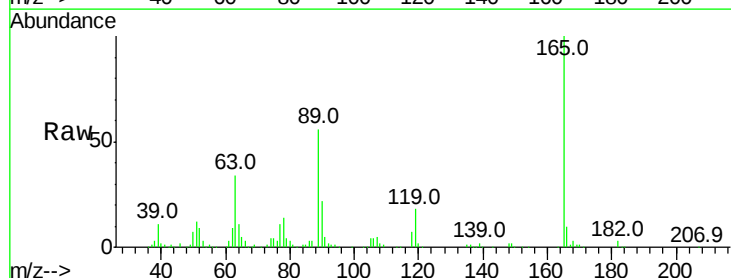
Ion Ratio Lower Upper

165 100

63 33.9 42.0 63.0#

89 55.8 66.9 100.3#

182 3.2 2.6 3.8

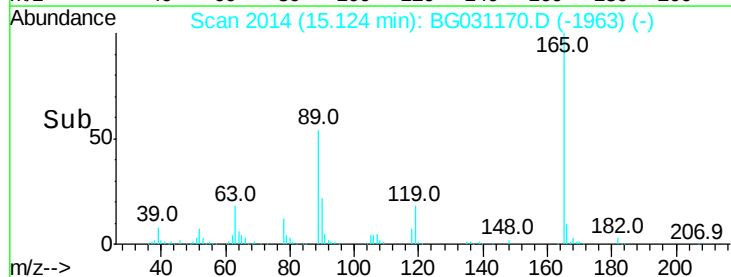
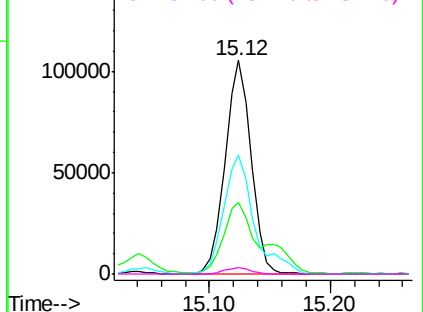


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.113 ng

RT: 15.81 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

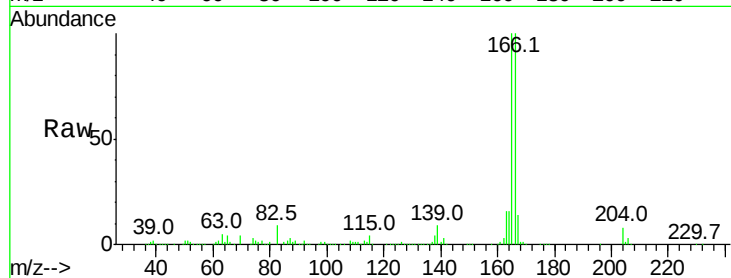
Tot Ion:166 Resp: 455578

Ion Ratio Lower Upper

166 100

165 99.7 80.6 121.0

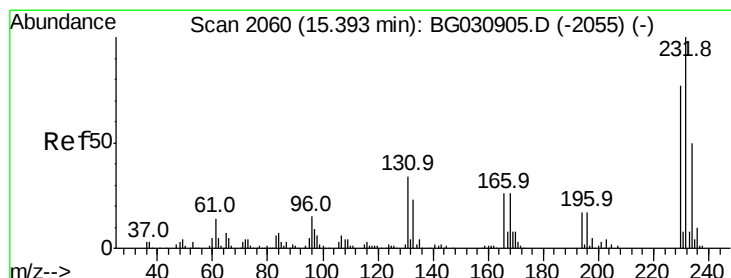
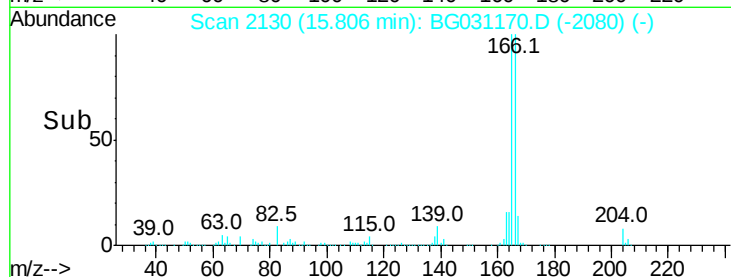
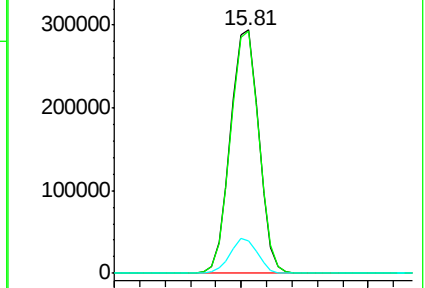
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.890 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Tgt Ion:232 Resp: 143394

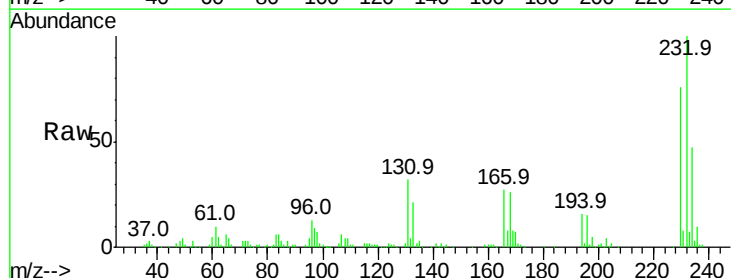
Ion Ratio Lower Upper

232 100

131 33.0 33.5 50.3#

130 1.8 2.2 3.2#

166 25.8 24.8 37.2

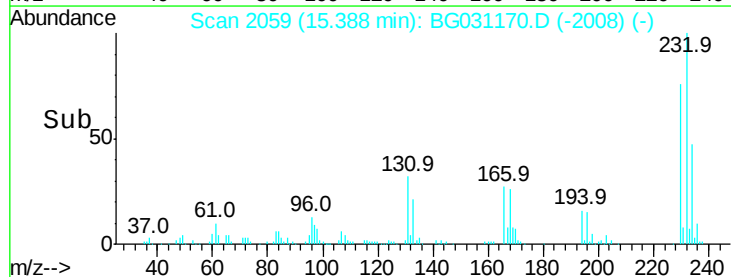
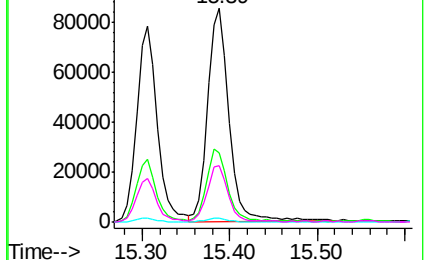


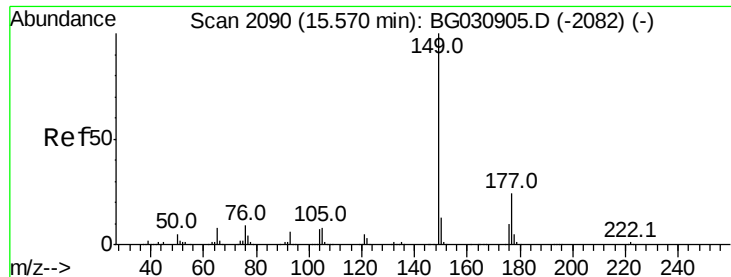
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 32.187 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampled :

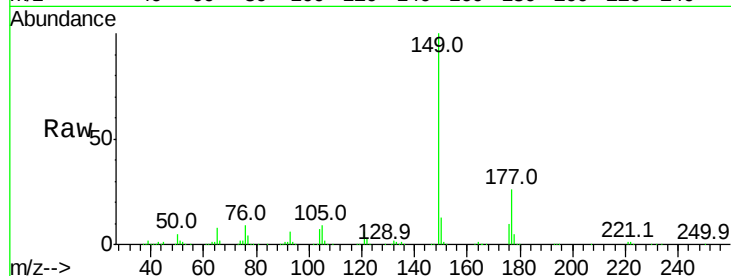
Tot Ion:149 Resp: 477384

Ion Ratio Lower Upper

149 100

177 26.1 18.5 27.7

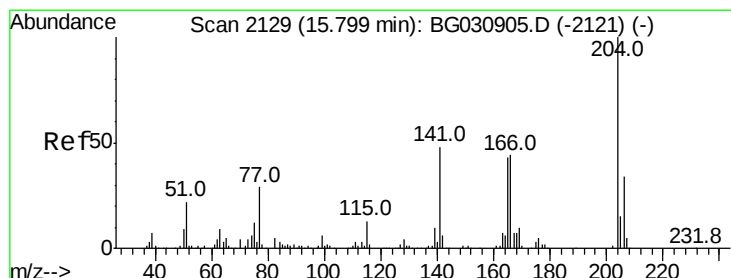
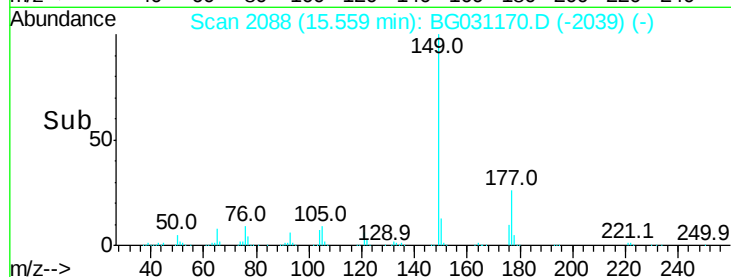
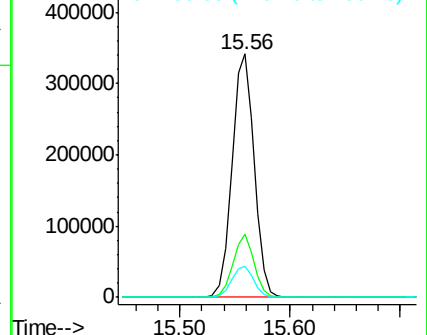
150 13.0 10.2 15.2



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: 33.904 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

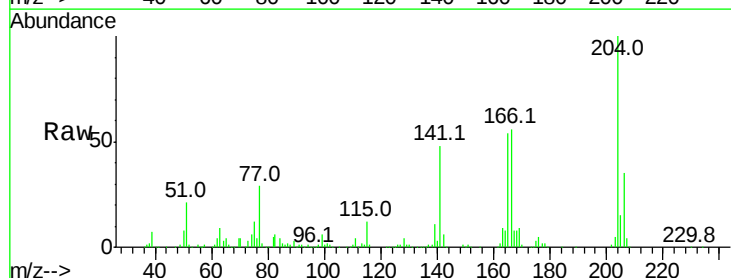
Tgt Ion:204 Resp: 273463

Ion Ratio Lower Upper

204 100

206 35.0 26.2 39.2

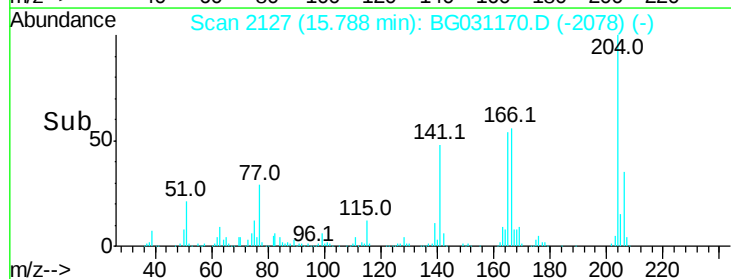
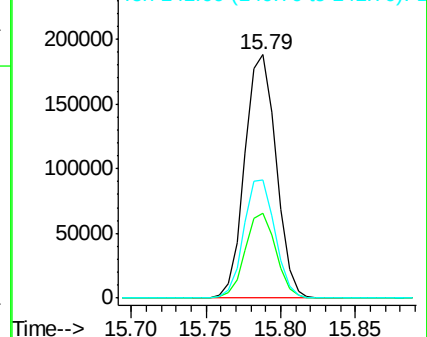
141 48.4 45.8 68.6

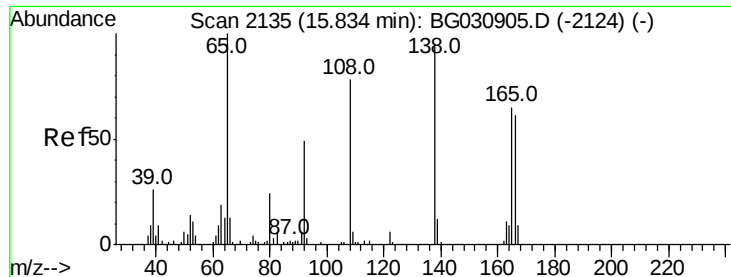


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

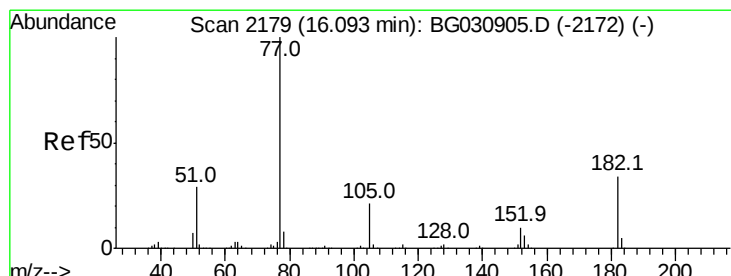
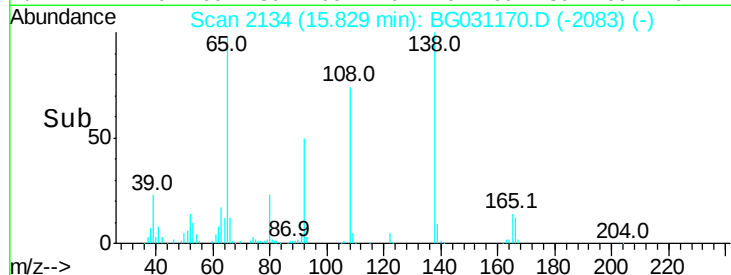
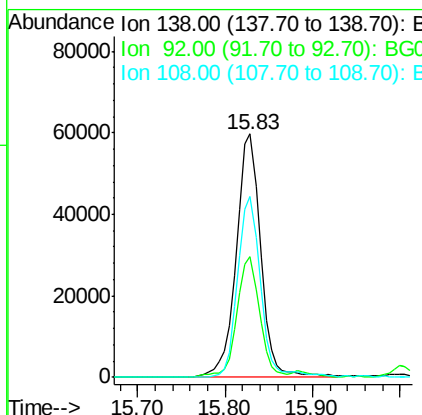
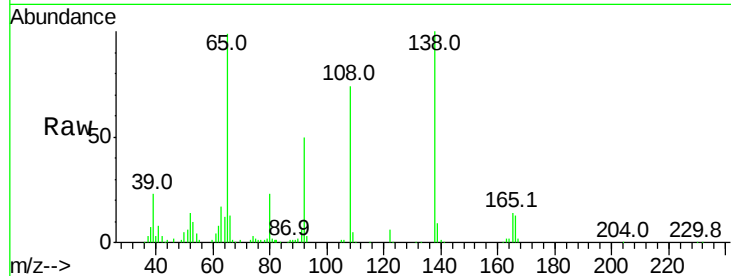




#61
4-Nitroaniline
Concen: 33.388 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

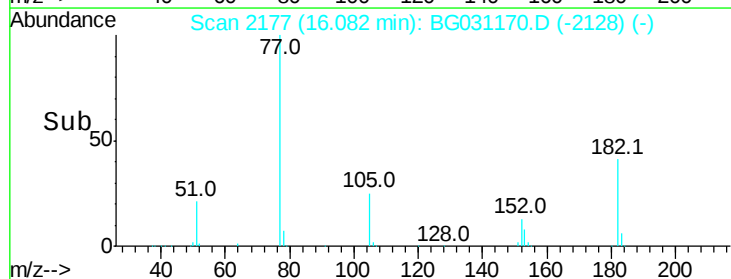
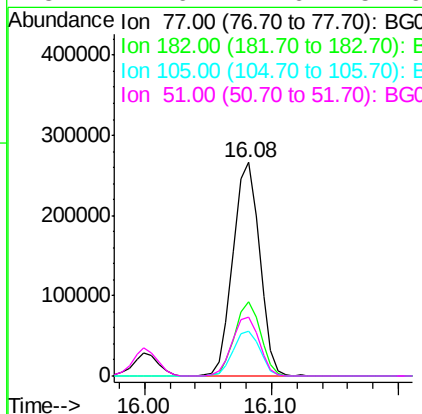
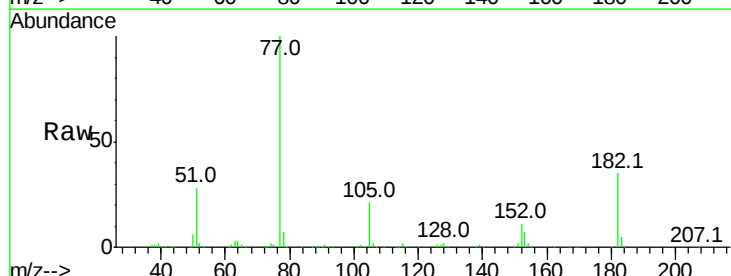
Instrument :
BNA_G
ClientSampleId :

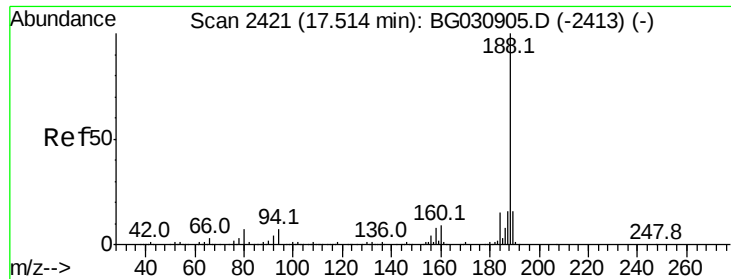
Tot Ion:138 Resp: 112978
Ion Ratio Lower Upper
138 100
92 49.8 40.1 80.1
108 74.5 65.4 105.4



#62
Azobenzene
Concen: 34.085 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion: 77 Resp: 385544
Ion Ratio Lower Upper
77 100
182 34.8 7.4 47.4
105 21.2 0.3 40.3
51 27.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

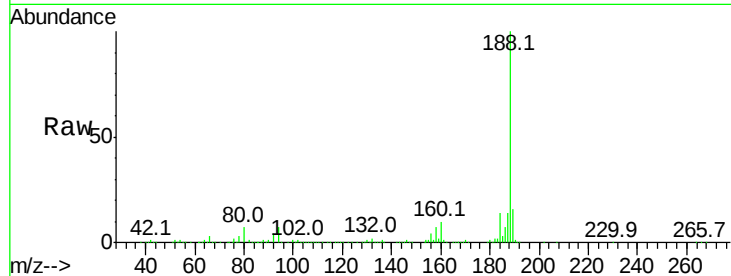
Tot Ion:188 Resp: 440015

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

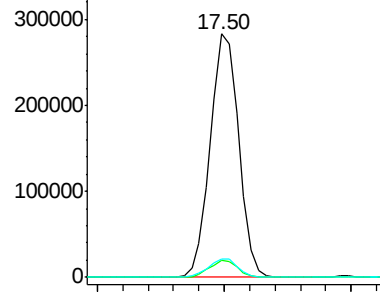
80 7.5 7.7 11.5#



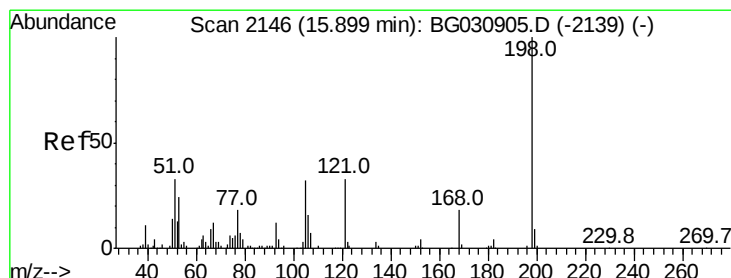
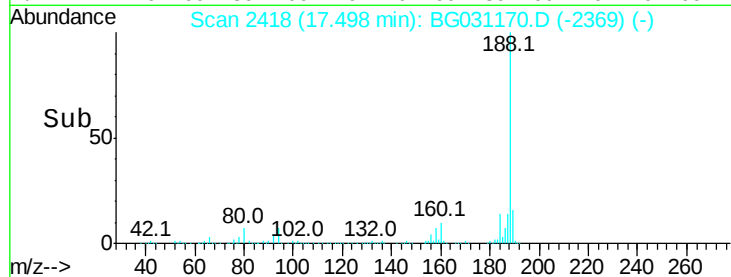
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60



#64

4,6-Dinitro-2-methylphenol

Concen: 31.859 ng

RT: 15.89 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

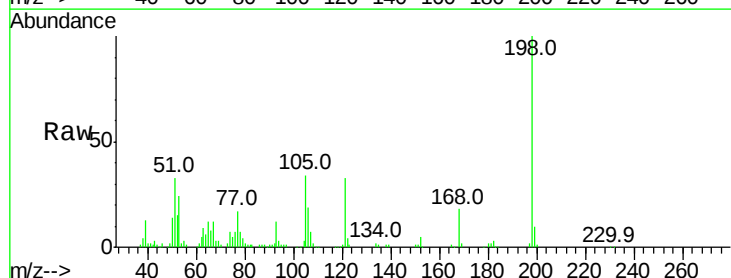
Tgt Ion:198 Resp: 93179

Ion Ratio Lower Upper

198 100

51 32.5 30.6 70.6

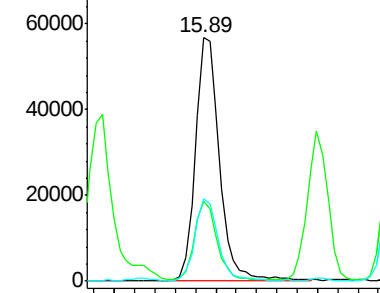
105 34.0 23.8 63.8



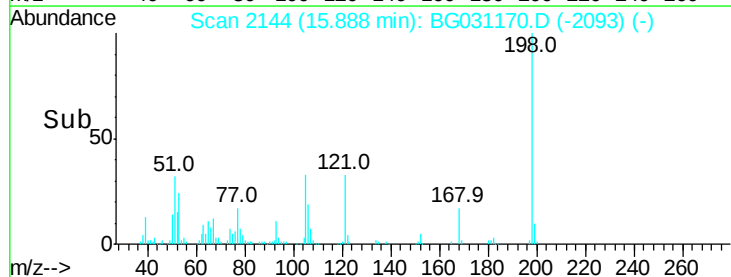
Abundance Ion 198.00 (197.70 to 198.70): E

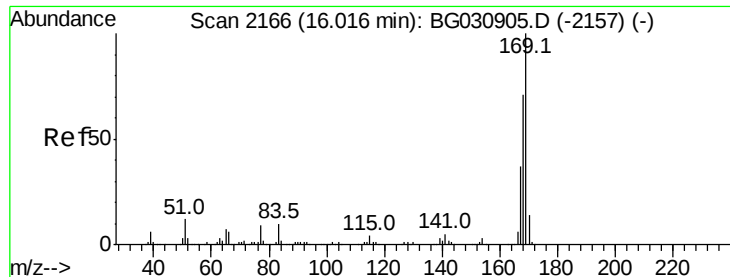
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 15.80 15.90 16.00





#65

n-Nitrosodiphenylamine

Concen: 31.994 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

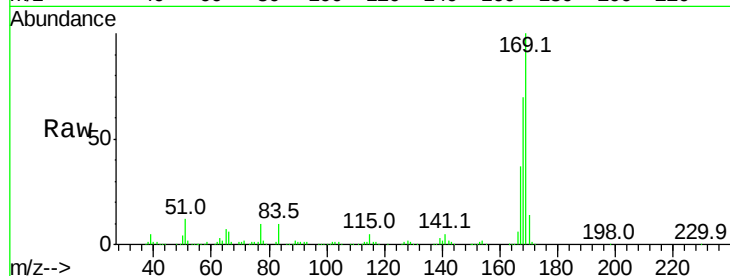
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 426596

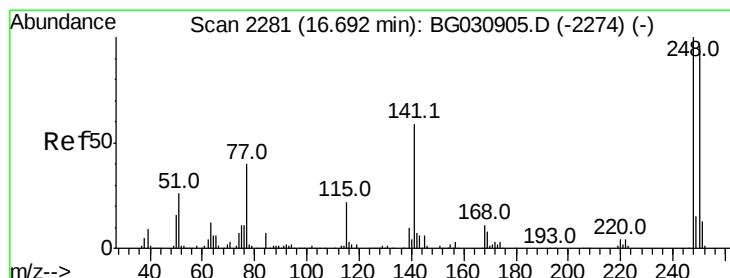
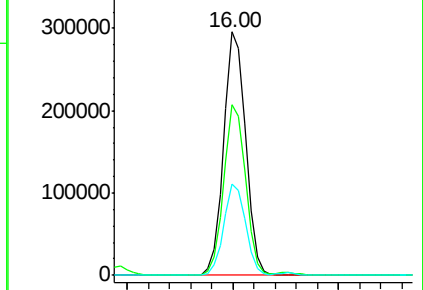
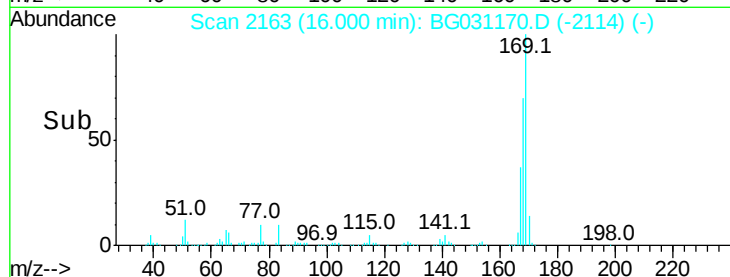
Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.7	83.5
167	37.3	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.707 ng

RT: 16.68 min Scan# 2279

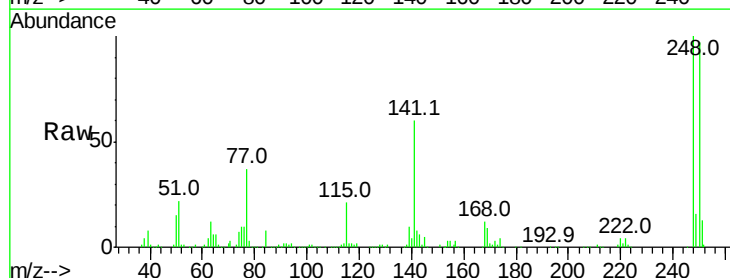
Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Tgt Ion:248 Resp: 176702

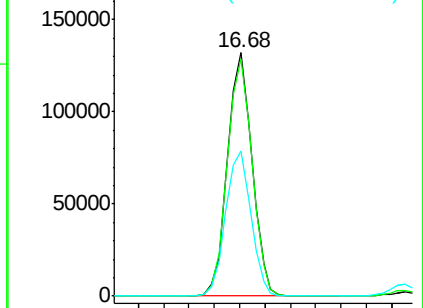
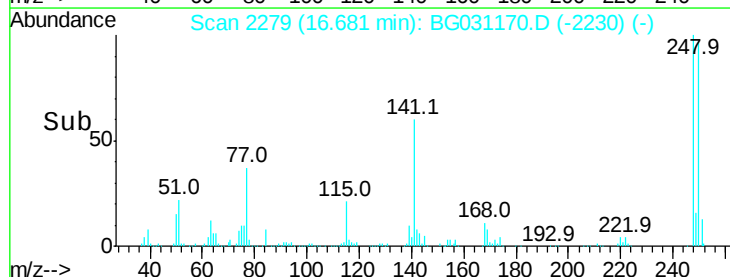
Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	59.8	50.8	76.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

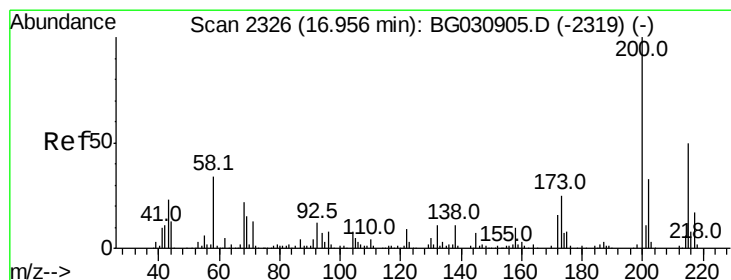
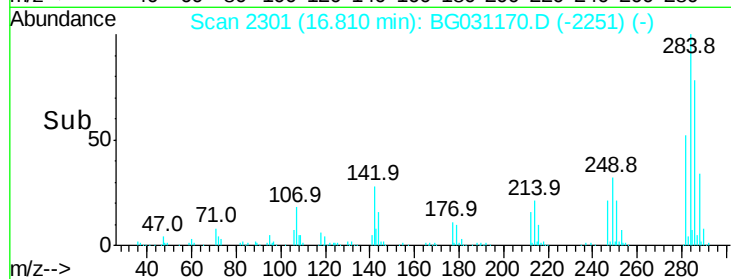
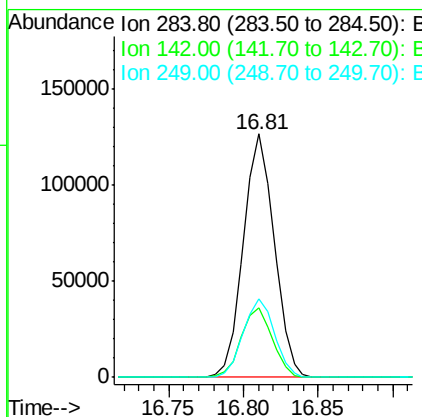
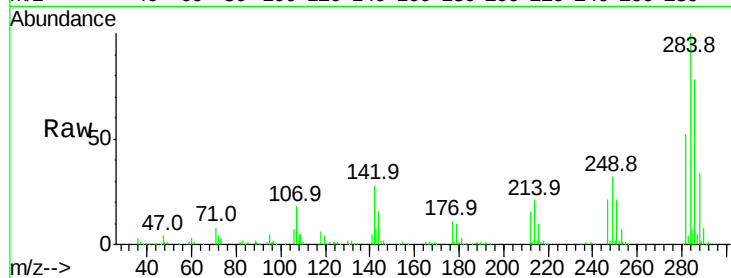




#67
Hexachlorobenzene
Concen: 30.669 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

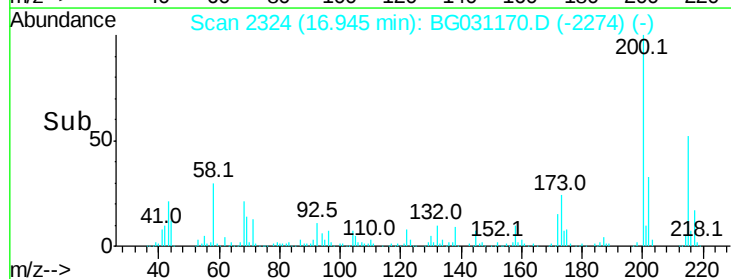
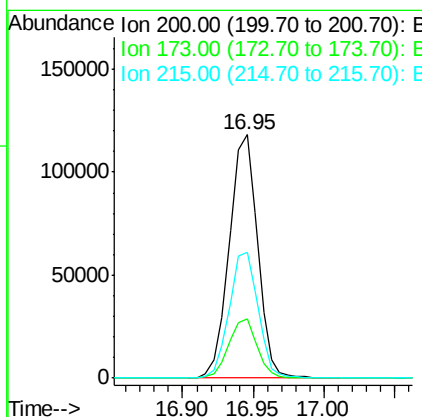
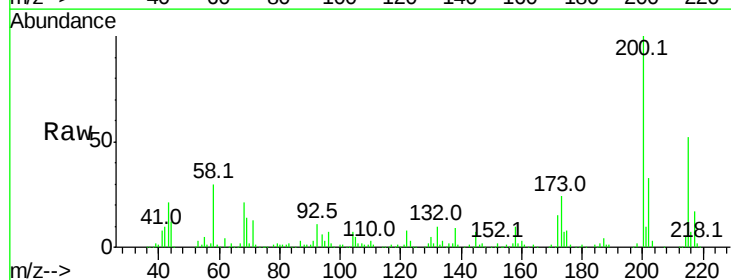
Instrument :
BNA_G
ClientSampleId :

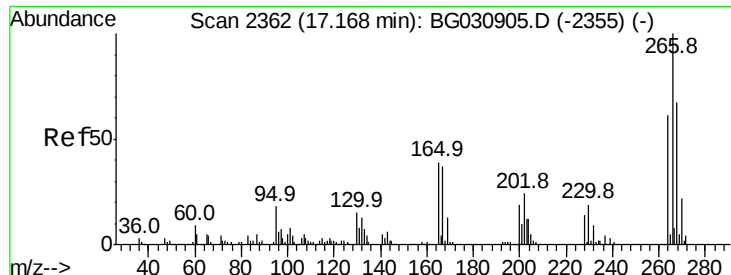
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.4	26.8	40.2
249	32.4	26.3	39.5



#68
Atrazine
Concen: 30.080 ng
RT: 16.95 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.2	45.2
215	51.8	30.4	70.4





#69

Pentachlorophenol

Concen: 52.681 ng

RT: 17.16 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

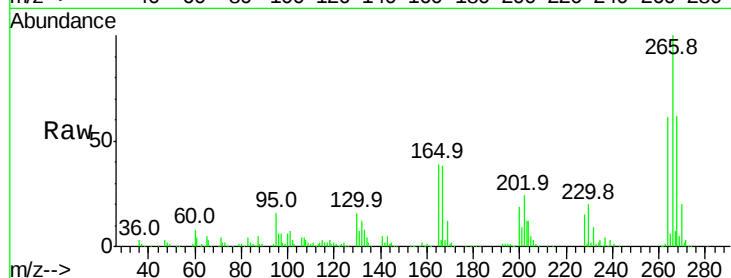
Tot Ion:266 Resp: 172439

Ion Ratio Lower Upper

266 100

268 62.1 51.1 76.7

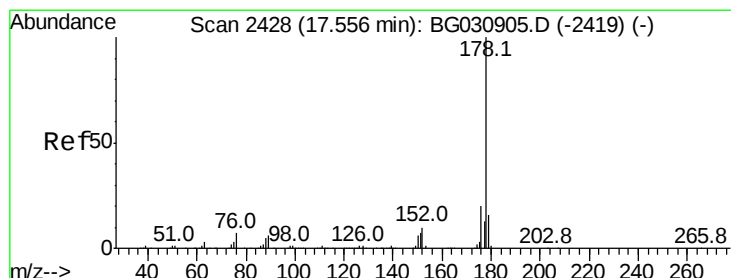
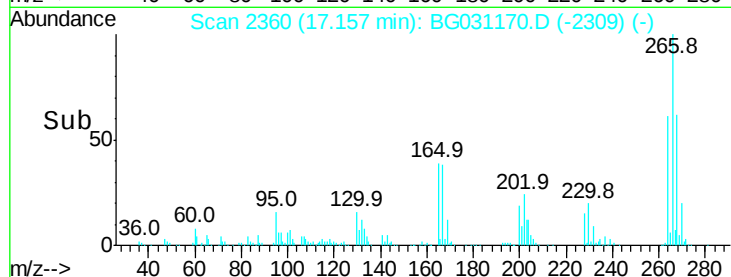
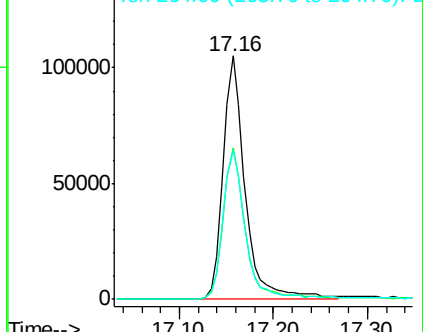
264 61.3 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 34.541 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

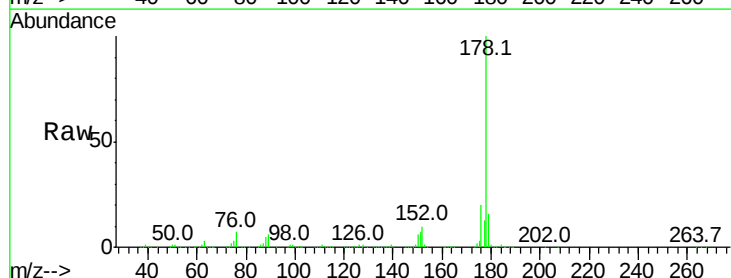
Tgt Ion:178 Resp: 791340

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

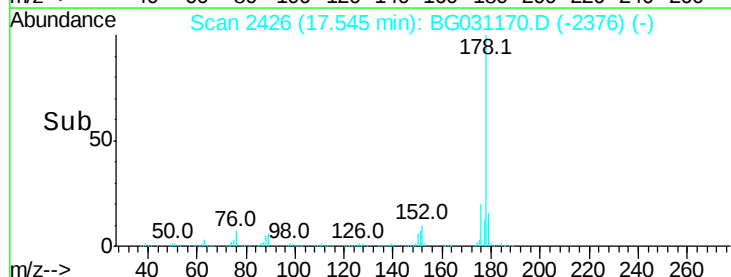
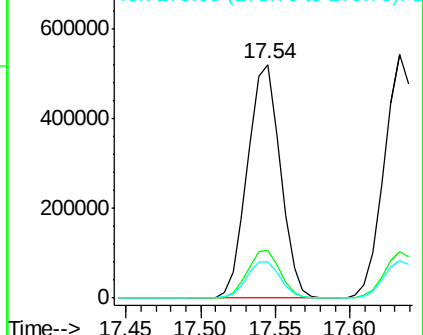
179 15.5 12.5 18.7

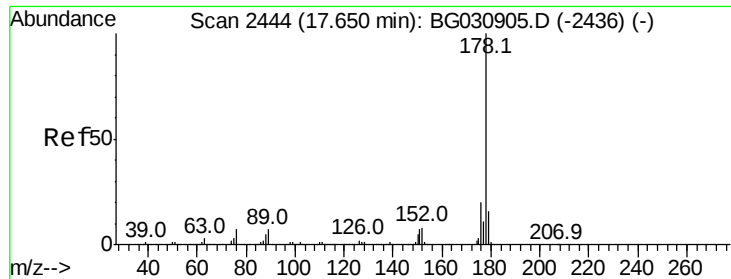


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

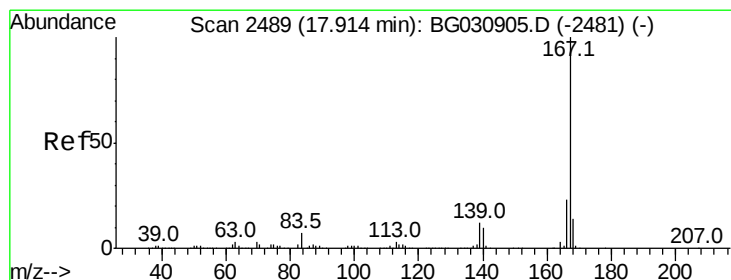
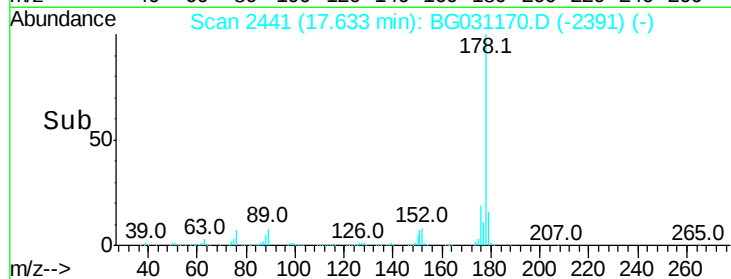
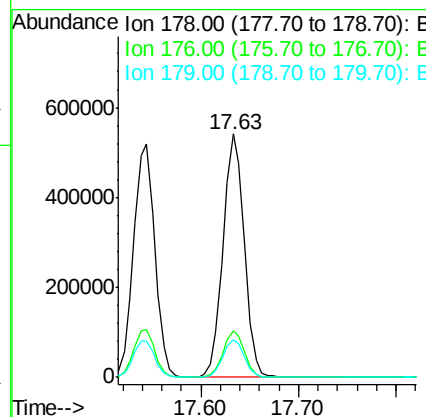
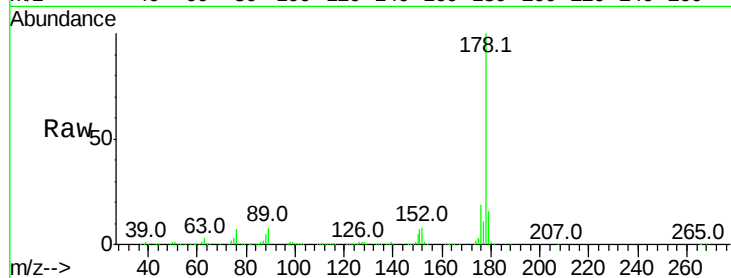




#71
 Anthracene
 Concen: 35.349 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

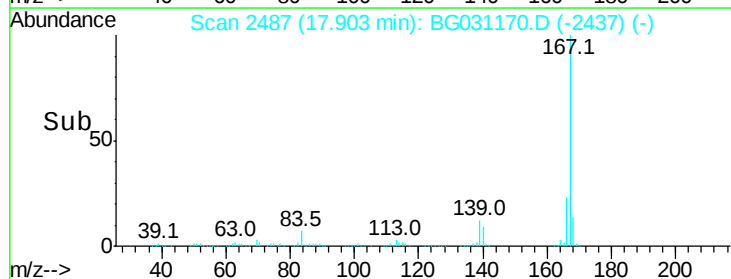
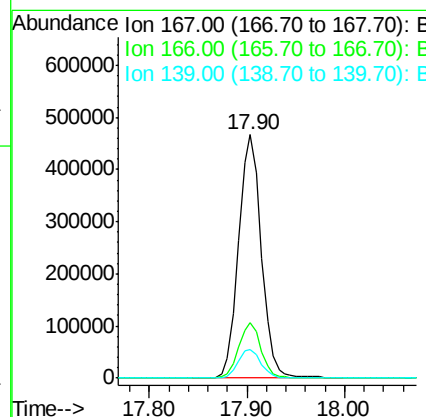
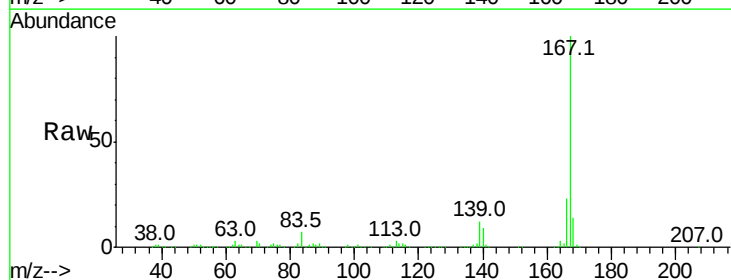
Instrument :
 BNA_G
 ClientSampleId :

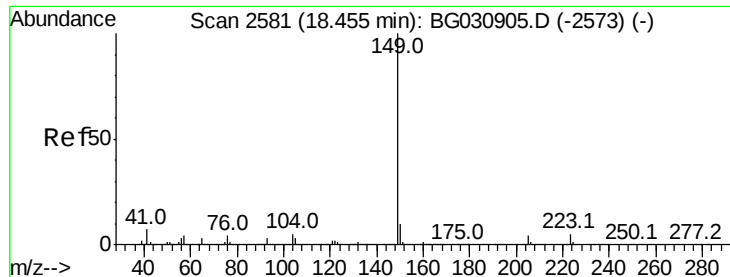
Tot Ion:178 Resp: 811475
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 34.969 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Tgt Ion:167 Resp: 752177
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 11.8 9.4 14.2

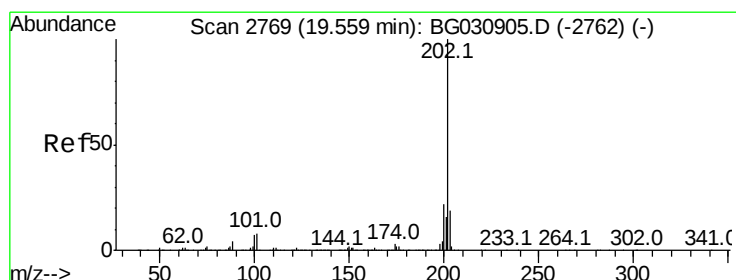
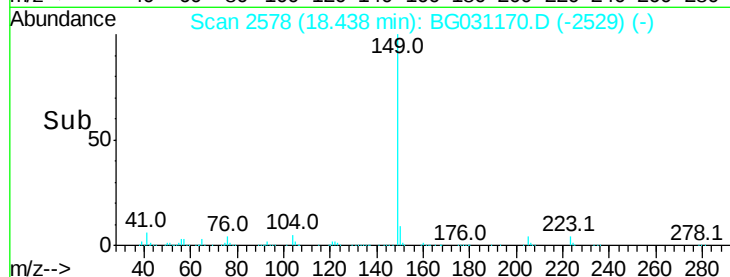
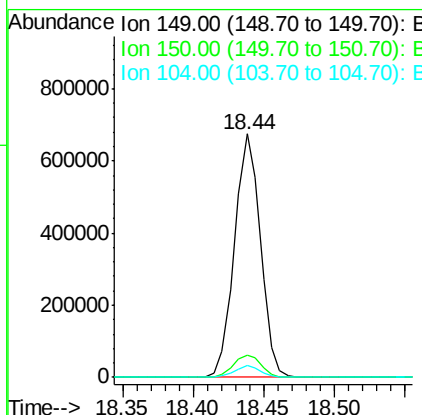
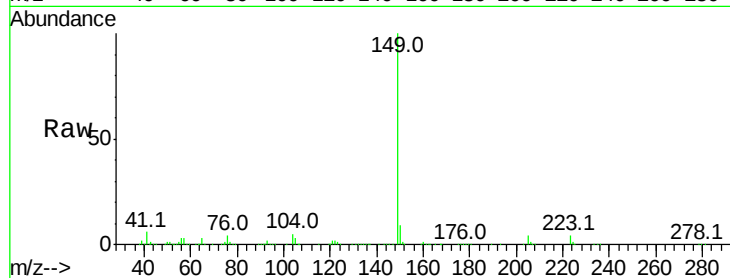




#73
Di-n-butylphthalate
Concen: 32.744 ng
RT: 18.44 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

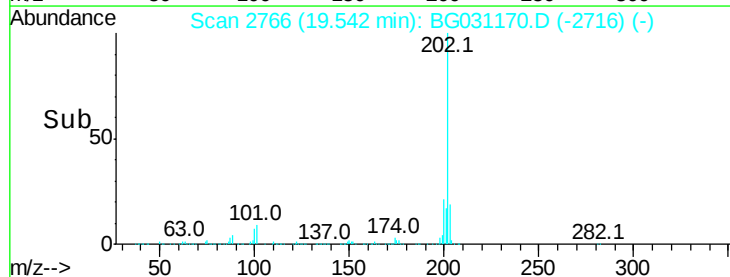
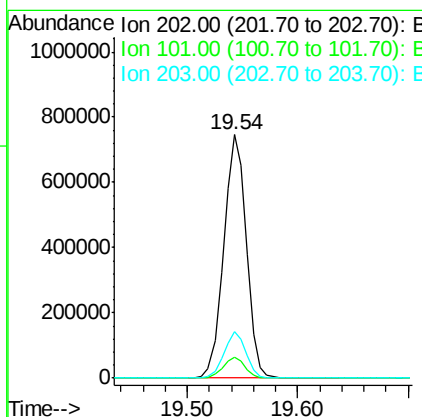
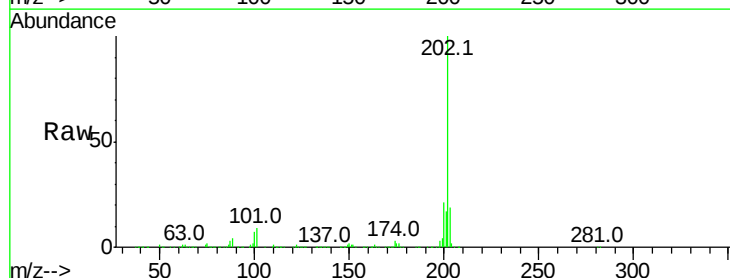
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.7	3.9	5.9



#74
Fluoranthene
Concen: 36.640 ng
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.9
203	19.3	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

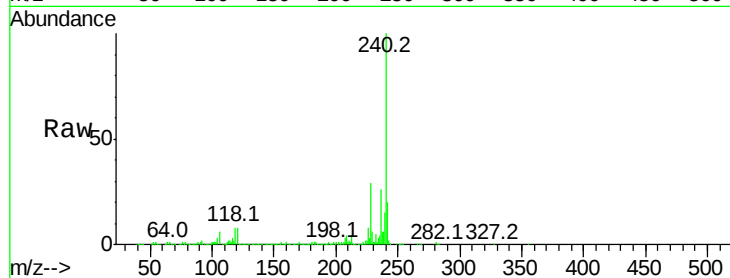
Tot Ion:240 Resp: 532294

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

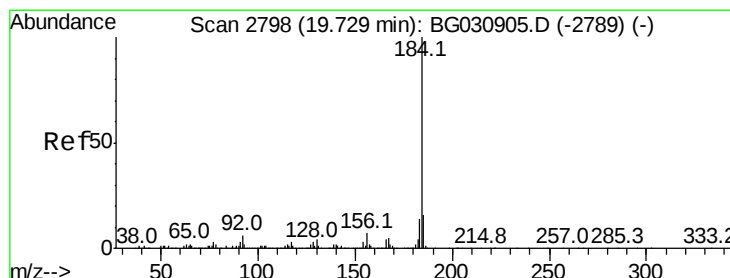
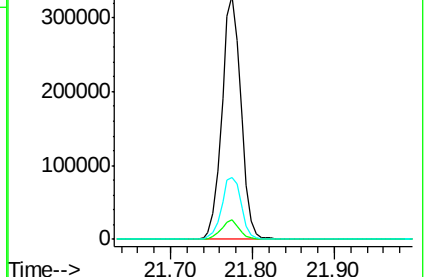
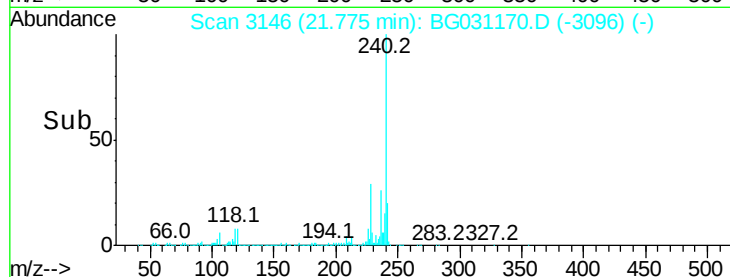
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.148 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

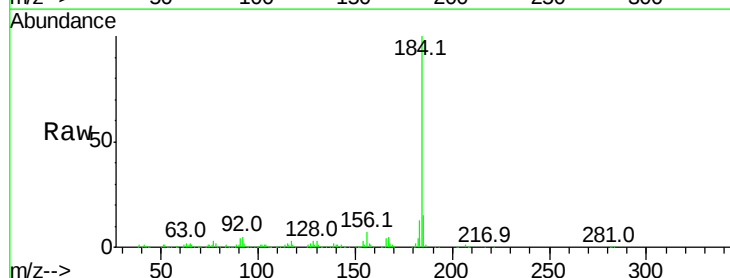
Tgt Ion:184 Resp: 429989

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

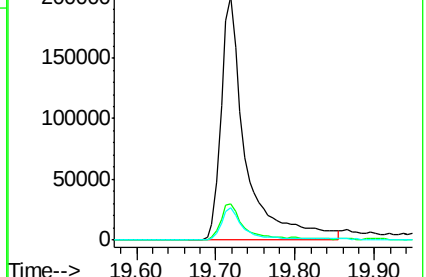
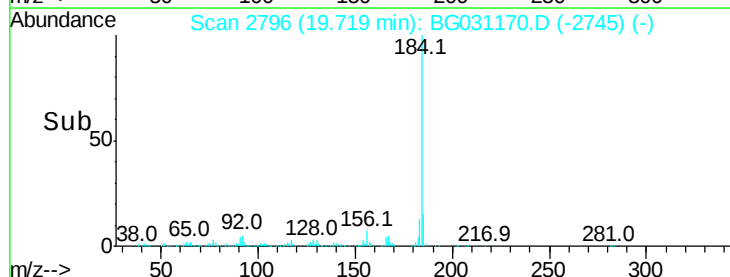
183 13.1 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

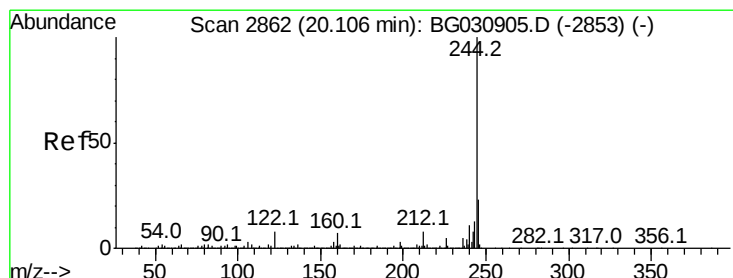
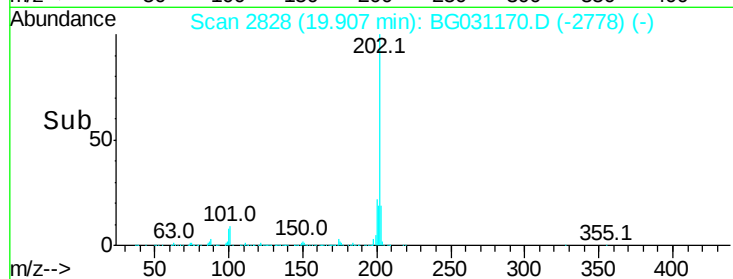
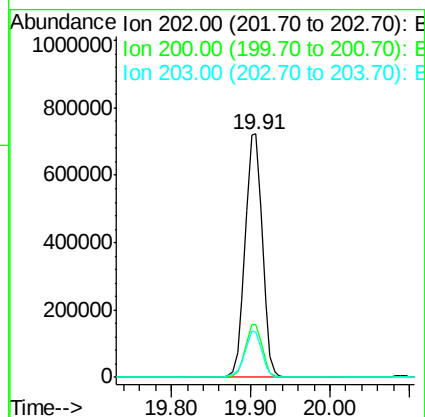
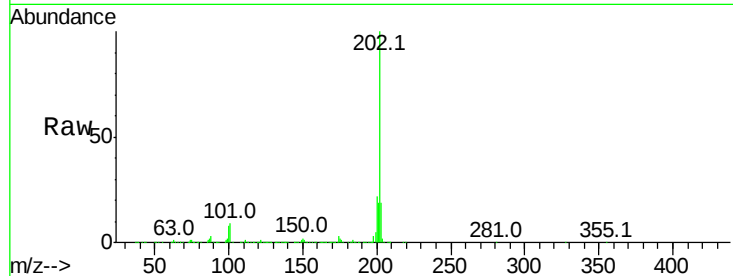




#77
Pvrene
Concen: 34.435 ng
RT: 19.91 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

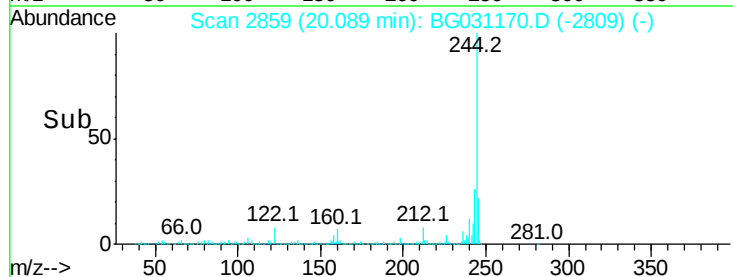
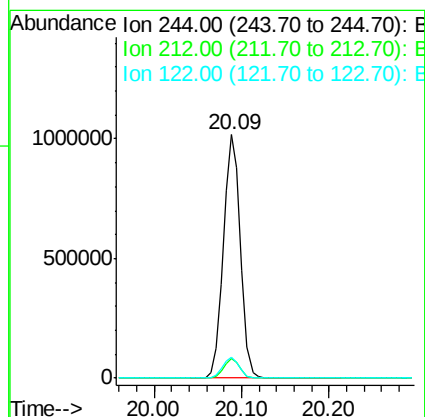
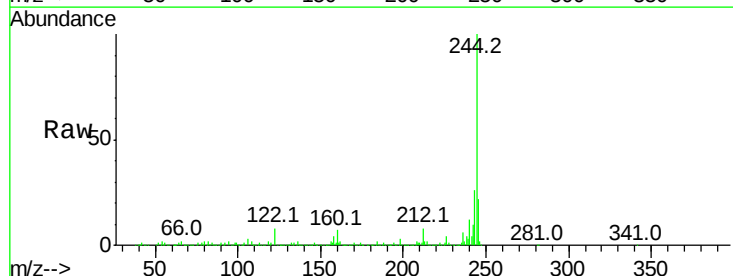
Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 1087671
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 18.8 13.9 20.9



#78
Terphenyl-d14
Concen: 56.346 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion:244 Resp: 1358310
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 8.4 7.0 10.4

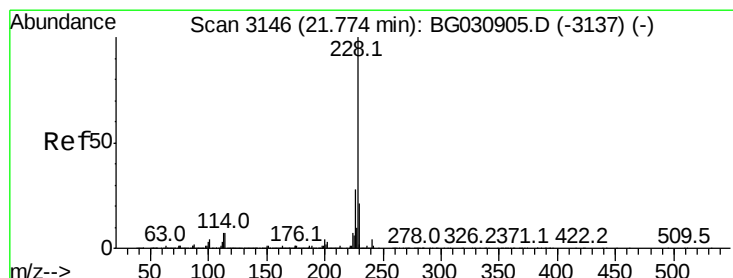
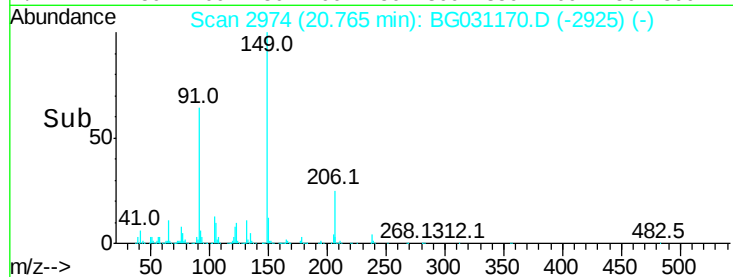
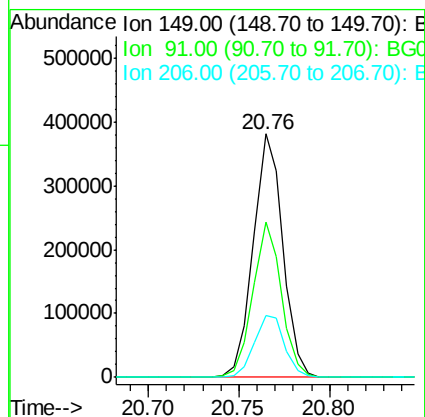
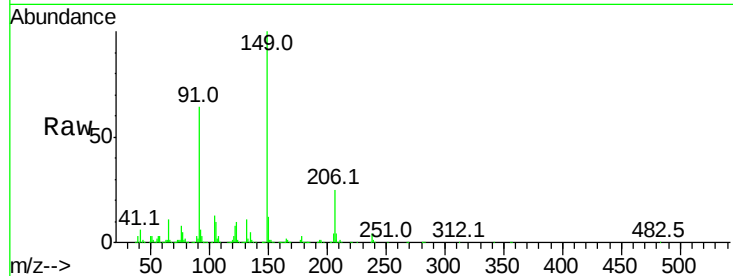




#79
Butylbenzylphthalate
Concen: 34.218 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

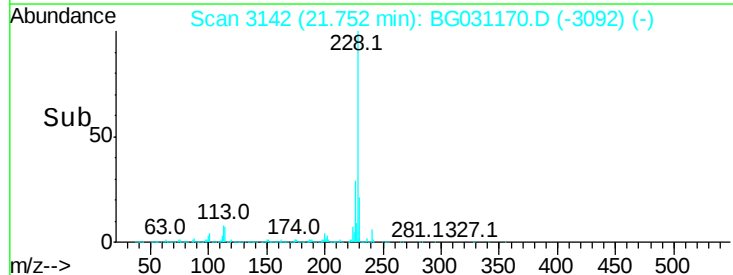
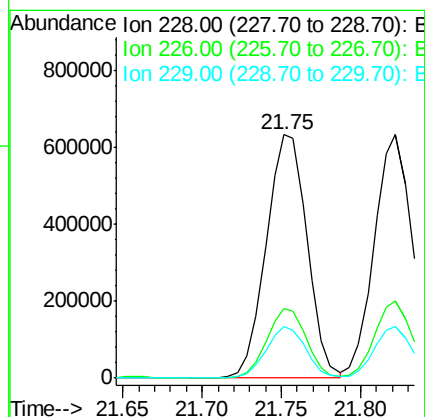
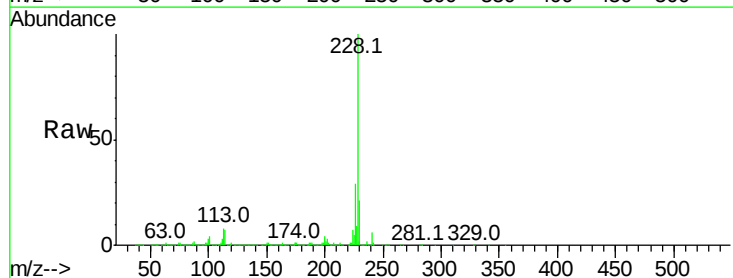
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.7	62.2	93.2
206	25.4	18.6	27.8



#80
Benzo(a)anthracene
Concen: 34.230 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG031170.D
Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.3	16.2	24.2

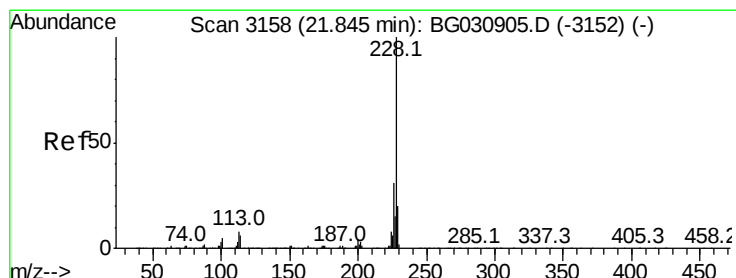
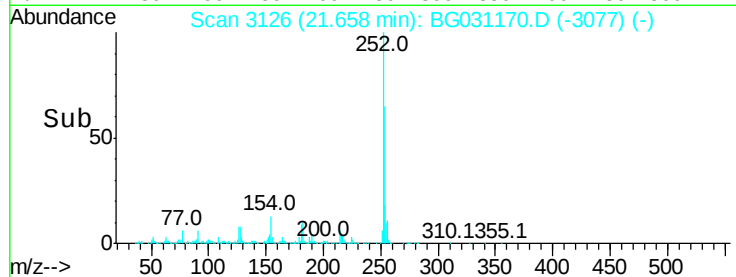
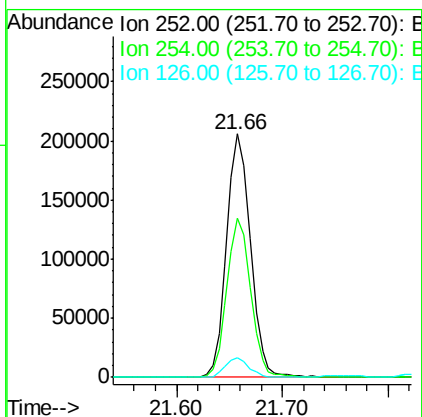
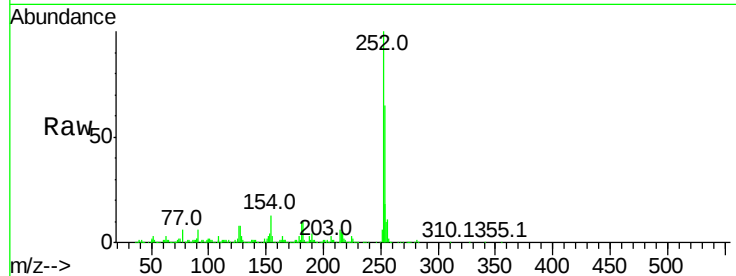




#81
 3,3'-Dichlorobenzidine
 Concen: 24.193 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

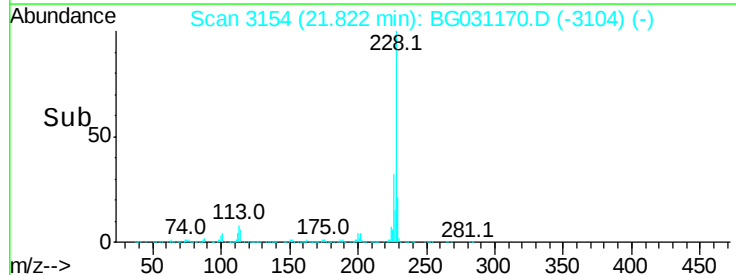
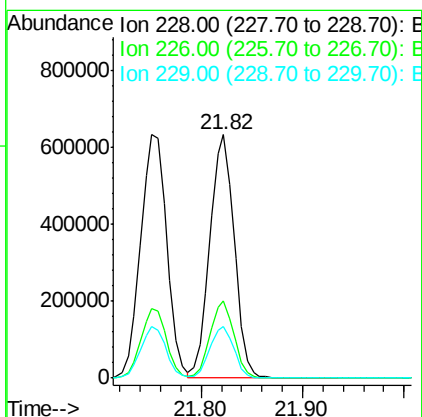
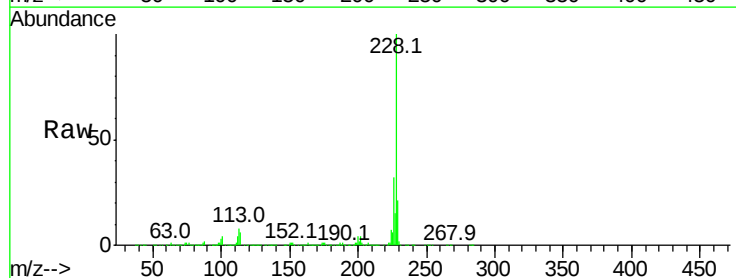
Instrument :
 BNA_G
 ClientSampled :

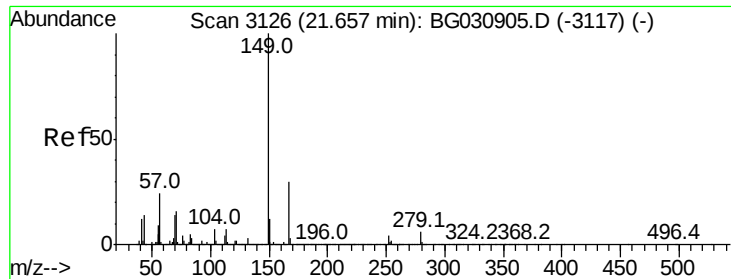
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	8.2	7.4	11.2



#82
 Chrysene
 Concen: 34.548 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.1	15.0	22.4

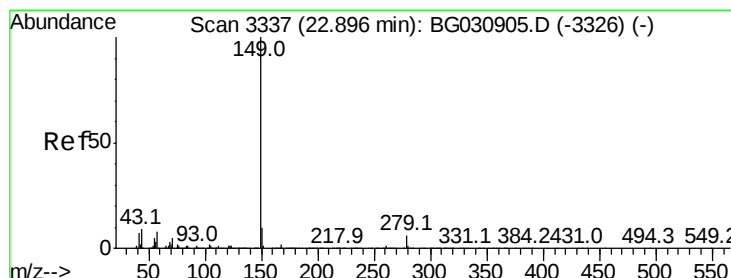
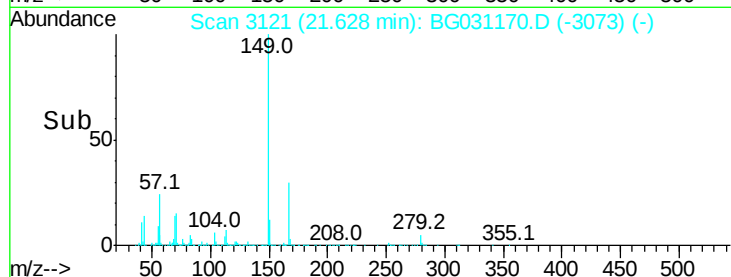
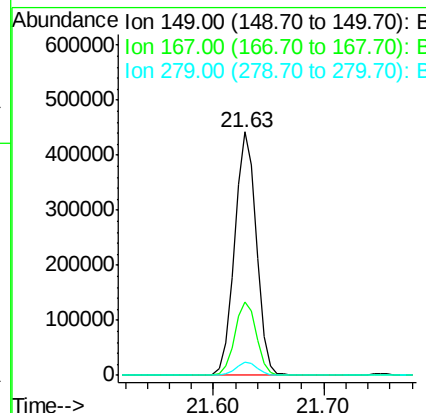
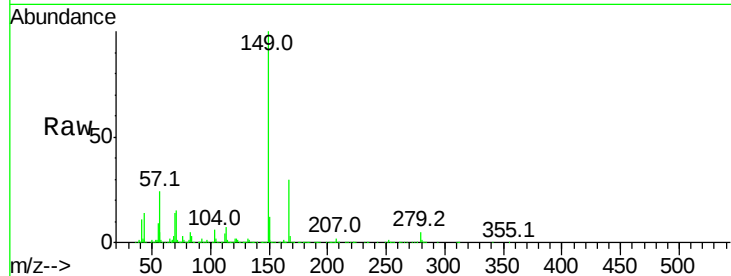




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.536 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

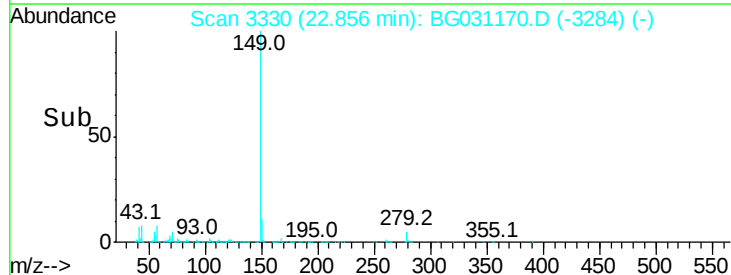
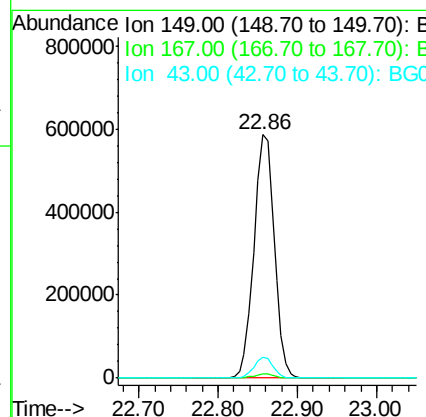
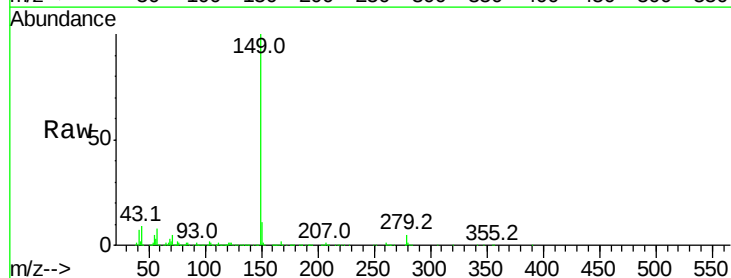
Instrument :
 BNA_G
 ClientSampled :

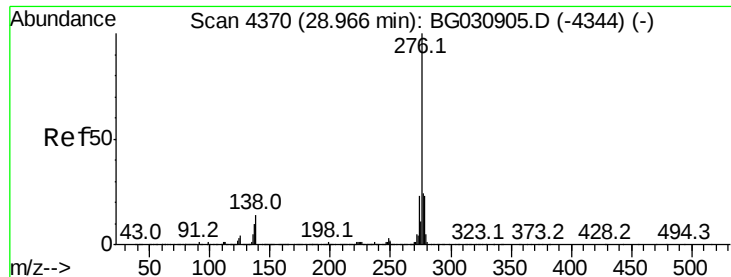
Tot Ion	149	Resp	609666
Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.3	36.5
279	5.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 35.616 ng
 RT: 22.86 min Scan# 3330
 Delta R.T. -0.03 min
 Lab File: BG031170.D
 Acq: 22 Nov 2017 2:51

Tgt Ion	149	Resp	1053833
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.2	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.666 ng

RT: 28.86 min Scan# 4352

Delta R.T. -0.03 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

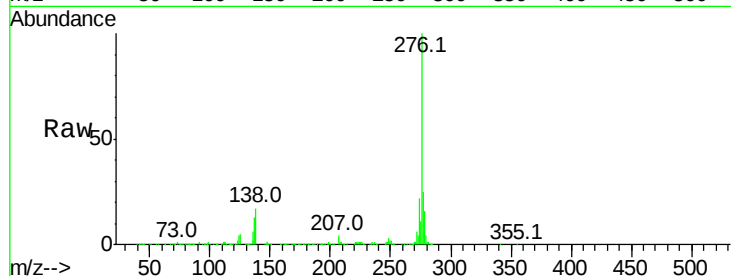
Tot Ion:276 Resp: 1214595

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

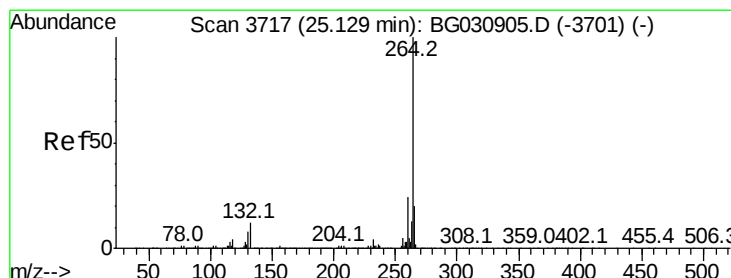
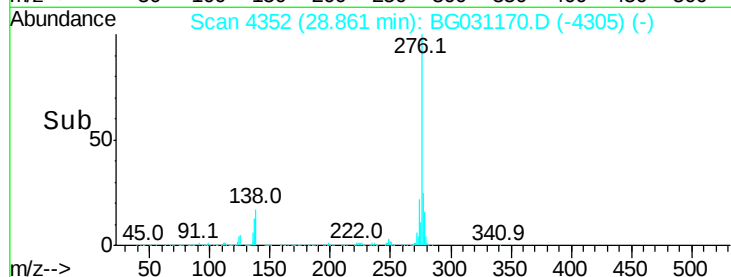
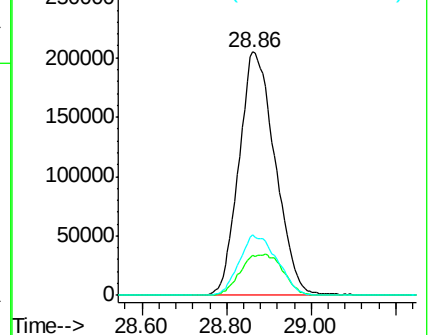
277 26.1 20.0 30.0



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: 25.08 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

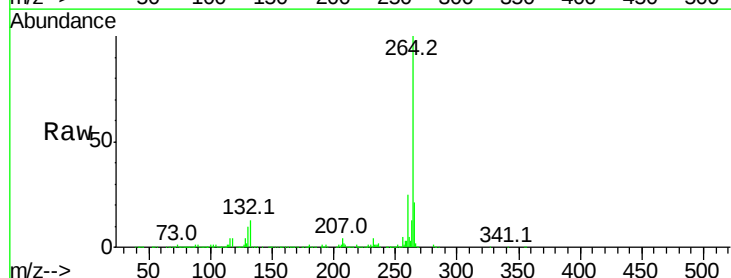
Tgt Ion:264 Resp: 536144

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

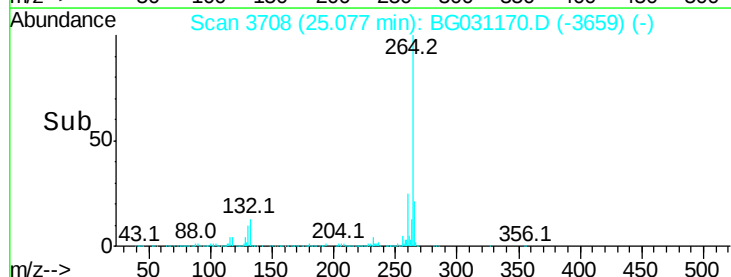
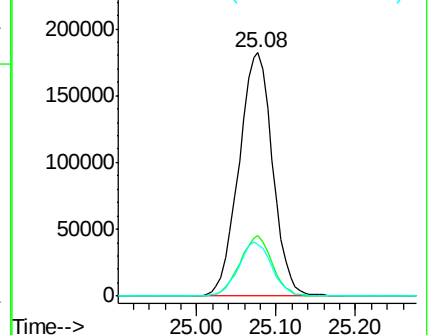
265 21.2 17.7 26.5



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: 34.173 ng

RT: 24.03 min Scan# 3529

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

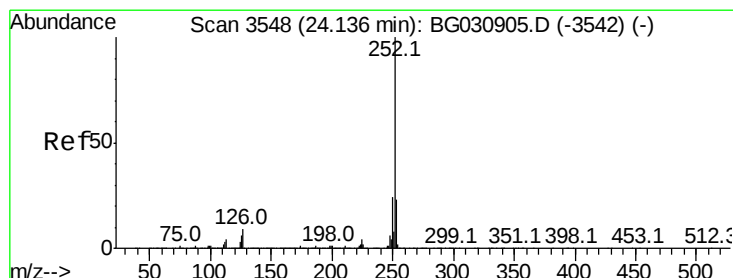
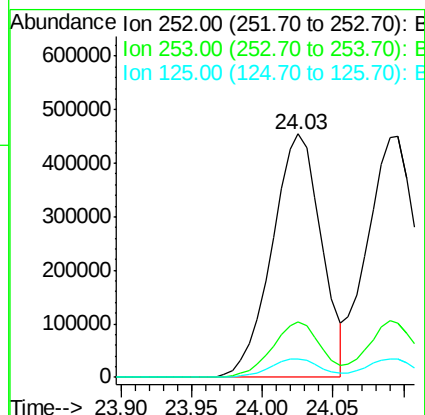
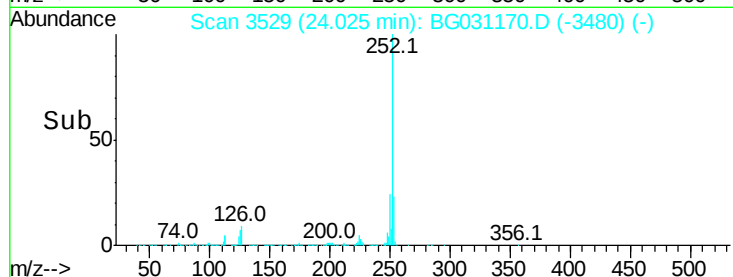
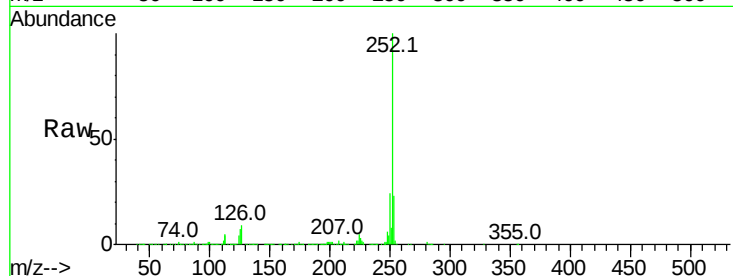
Tot Ion:252 Resp: 1108272

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 7.5 7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 34.180 ng

RT: 24.10 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

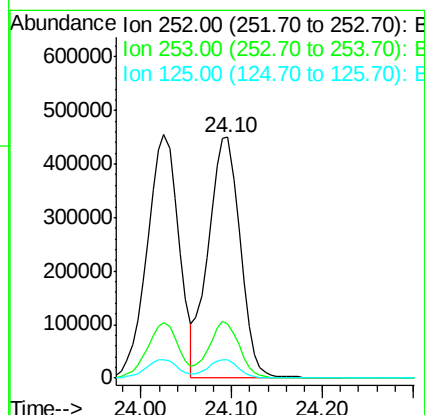
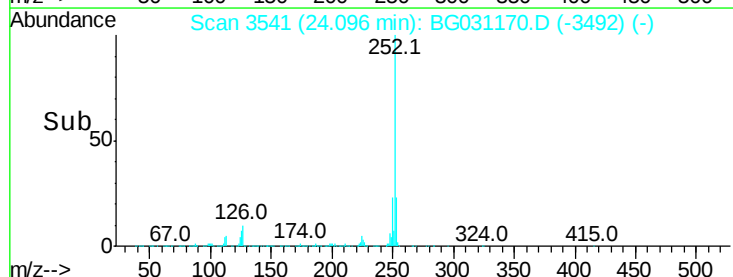
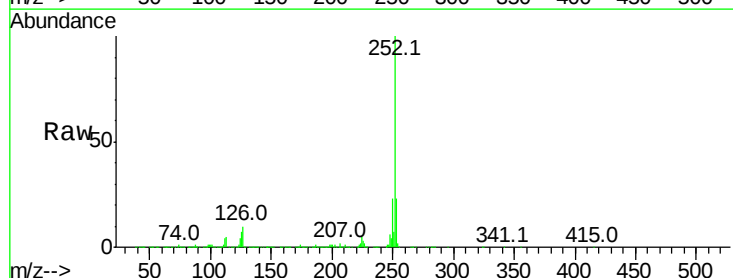
Tgt Ion:252 Resp: 1098746

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 7.5 6.6 9.8





#89

Benzo(a)pyrene

Concen: 35.121 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.01 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

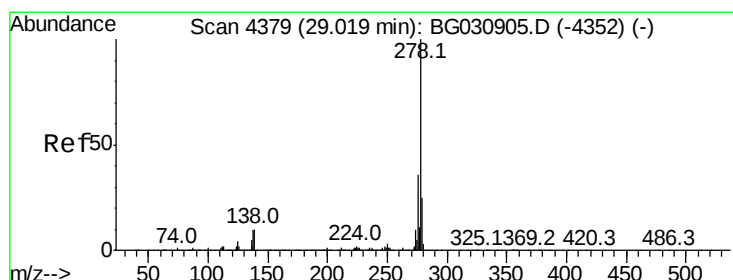
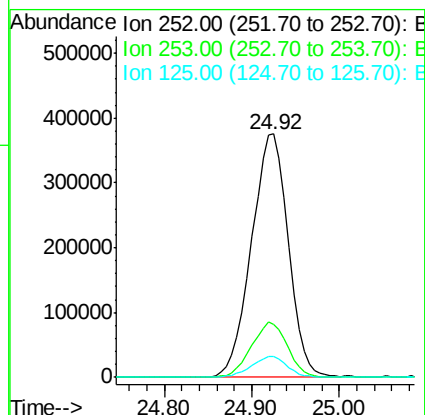
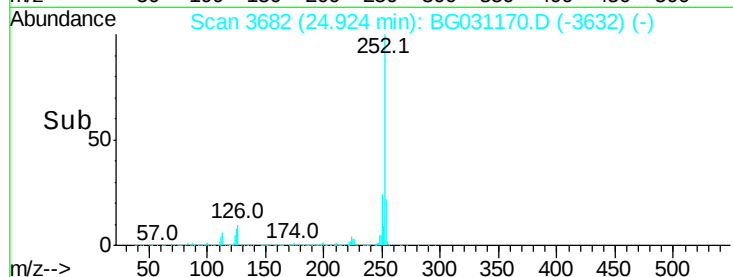
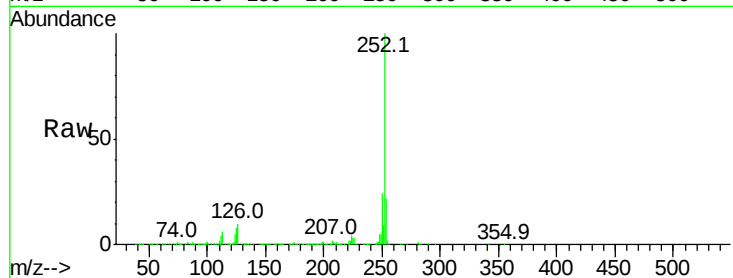
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1082042

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	8.4	7.3	10.9



#90

Dibenzo(a,h)anthracene

Concen: 32.372 ng

RT: 28.92 min Scan# 4362

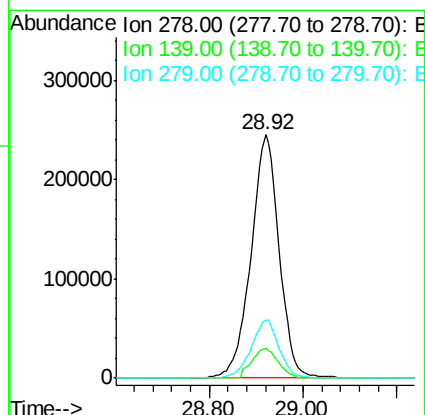
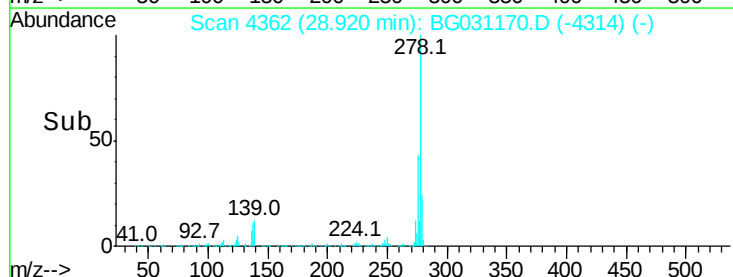
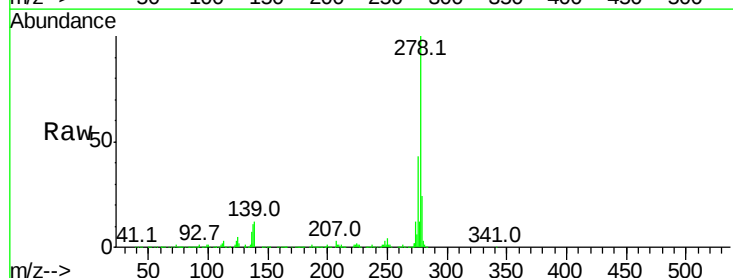
Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Tgt Ion:278 Resp: 1019410

Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.8	14.6
279	23.6	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 32.366 ng

RT: 30.05 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG031170.D

Acq: 22 Nov 2017 2:51

Instrument :

BNA_G

ClientSampleId :

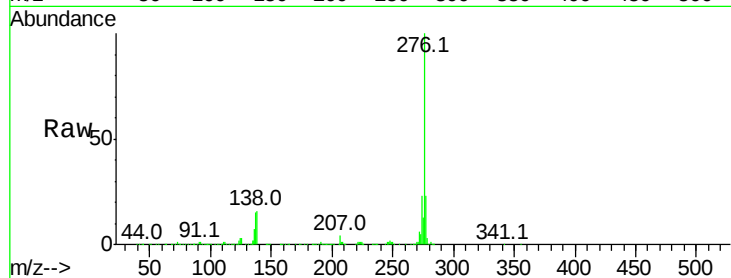
Tot Ion:276 Resp: 989231

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 16.2 13.9 20.9



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

