

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031843.D
 Acq On : 29 Dec 2017 2:56
 Operator : SJ/JU
 Sample : IDOC-01 RJ
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 06:33:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	54077	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	220614	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	148040	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	366214	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	425975	20.00	ng	-0.06
86) Perylene-d12	26.26	264	467473	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	360015	121.26	ng	-0.02
7) Phenol-d6	7.91	99	469067	121.69	ng	-0.02
23) Nitrobenzene-d5	10.00	82	253666	86.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	296014	131.04	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	912993	77.41	ng	-0.03
78) Terphenyl-d14	20.70	244	1551134	83.19	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.88	88	31788	28.883	ng	# 70
3) Pyridine	4.33	79	28927	9.833	ng	# 75
4) n-Nitrosodimethylamine	4.24	42	38120	32.111	ng	# 79
6) Aniline	8.10	93	74273	14.976	ng	89
8) 2-Chlorophenol	8.35	128	127680	37.073	ng	84
9) Benzaldehyde	7.90	77	37789	16.281	ng	82
10) Phenol	7.94	94	148664	38.200	ng	91
11) bis(2-Chloroethyl)ether	8.19	93	102174	31.612	ng	# 81
12) 1,3-Dichlorobenzene	8.69	146	142153	33.238	ng	# 91
13) 1,4-Dichlorobenzene	8.69	146	142153	32.538	ng	92
14) 1,2-Dichlorobenzene	9.17	146	139498	33.698	ng	96
15) Benzyl Alcohol	9.04	79	103142	35.643	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.33	45	103746	39.416	ng	81
17) 2-Methylphenol	9.24	107	103060	37.010	ng	94
18) Hexachloroethane	9.93	117	44787	33.848	ng	# 84
19) n-Nitroso-di-n-propylamine	9.62	70	79658	30.259	ng	# 83
20) 3+4-Methylphenols	9.57	107	143870	36.352	ng	94
22) Acetophenone	9.65	105	179870	35.093	ng	# 84
24) Nitrobenzene	10.05	77	114646	38.075	ng	# 82
25) Isophorone	10.57	82	227979	36.249	ng	# 85
26) 2-Nitrophenol	10.77	139	77407	49.030	ng	# 82
27) 2,4-Dimethylphenol	10.80	122	131315	39.527	ng	89
28) bis(2-Chloroethoxy)methane	11.05	93	144974	34.353	ng	# 96
29) 2,4-Dichlorophenol	11.31	162	155706	39.924	ng	88
30) 1,2,4-Trichlorobenzene	11.54	180	164247	34.491	ng	99
31) Naphthalene	11.74	128	394478	35.430	ng	97
32) Benzoic acid	10.80	122	131315	56.574	ng	# 4
33) 4-Chloroaniline	11.83	127	91865	18.533	ng	# 92
34) Hexachlorobutadiene	12.01	225	112750	34.488	ng	97
35) Caprolactam	12.57	113	39000	32.990	ng	# 48
36) 4-Chloro-3-methylphenol	12.90	107	141037	39.156	ng	# 83
37) 2-Methylnaphthalene	13.30	142	327801	36.318	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	225215	36.118	ng	# 97
40) Hexachlorocyclopentadiene	13.63	237	252325	76.706	ng	89

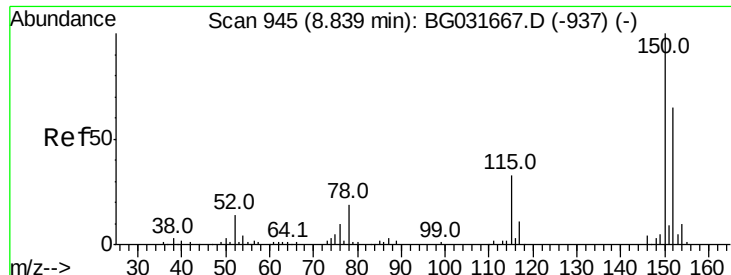
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	143757	39.986	ng	99
43) 2,4,5-Trichlorophenol	13.95	196	155479	39.024	ng	# 90
45) 1,1'-Biphenyl	14.28	154	462745	36.598	ng	94
46) 2-Chloronaphthalene	14.33	162	346433	35.921	ng	94
47) 2-Nitroaniline	14.51	65	73690	44.241	ng	# 58
48) Acenaphthylene	15.16	152	523008	33.897	ng	99
49) Dimethylphthalate	14.86	163	500374	38.367	ng	98
50) 2,6-Dinitrotoluene	14.99	165	101831	42.444	ng	# 65
51) Acenaphthene	15.50	154	338542	33.503	ng	99
52) 3-Nitroaniline	15.32	138	73929	31.584	ng	# 71
53) 2,4-Dinitrophenol	15.52	184	14579	20.572	ng	# 1
54) Dibenzofuran	15.83	168	554133	35.774	ng	97
55) 4-Nitrophenol	15.60	139	145392	76.316	ng	# 67
56) 2,4-Dinitrotoluene	15.77	165	141365	45.823	ng	# 61
57) Fluorene	16.47	166	438445	34.843	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	154893	39.847	ng	# 85
59) Diethylphthalate	16.20	149	441308	34.718	ng	96
60) 4-Chlorophenyl-phenylether	16.45	204	261685	33.988	ng	92
61) 4-Nitroaniline	16.47	138	93504	40.935	ng	# 77
62) Azobenzene	16.74	77	284885	34.947	ng	# 80
64) 4,6-Dinitro-2-methylphenol	16.52	198	27486	21.064	ng	# 74
65) n-Nitrosodiphenylamine	16.66	169	407326	33.489	ng	98
66) 4-Bromophenyl-phenylether	17.34	248	193396	36.520	ng	92
67) Hexachlorobenzene	17.47	284	201800	37.277	ng	# 90
68) Atrazine	17.58	200	177303	37.490	ng	98
69) Pentachlorophenol	17.80	266	200477	53.840	ng	99
70) Phenanthrene	18.21	178	736943	35.558	ng	99
71) Anthracene	18.30	178	762089	36.453	ng	98
72) Carbazole	18.55	167	658591	35.592	ng	99
73) Di-n-butylphthalate	19.06	149	737137	35.846	ng	99
74) Fluoranthene	20.17	202	945237	37.171	ng	96
76) Benzidine	20.33	184	99935	7.601	ng	96
77) Pyrene	20.53	202	957092	35.174	ng	99
79) Butylbenzylphthalate	21.39	149	331243	36.264	ng	# 76
80) Benzo(a)anthracene	22.50	228	963820	35.570	ng	99
81) 3,3'-Dichlorobenzidine	22.38	252	266936	25.408	ng	# 98
82) Chrysene	22.57	228	907821	35.409	ng	99
83) Bis(2-ethylhexyl)phthalate	22.34	149	475628	35.941	ng	# 95
84) Di-n-octyl phthalate	23.75	149	818672	36.733	ng	# 87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1225890	37.271	ng	# 89
87) Benzo(b)fluoranthene	25.06	252	1044505	35.995	ng	# 96
88) Benzo(k)fluoranthene	25.15	252	1000402	34.449	ng	# 97
89) Benzo(a)pyrene	26.10	252	1003493	36.108	ng	# 97
90) Dibenzo(a,h)anthracene	30.72	278	1010015	35.189	ng	# 95
91) Benzo(g,h,i)perylene	30.62	276	1225890	36.175	ng	# 92

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

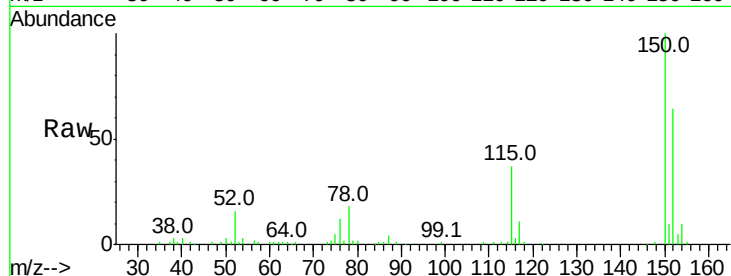


#1

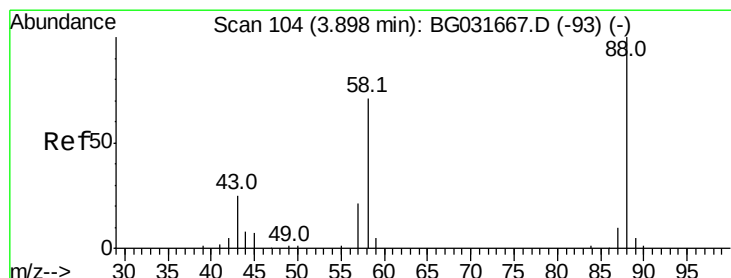
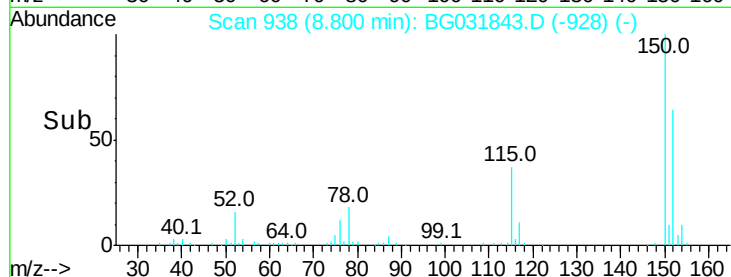
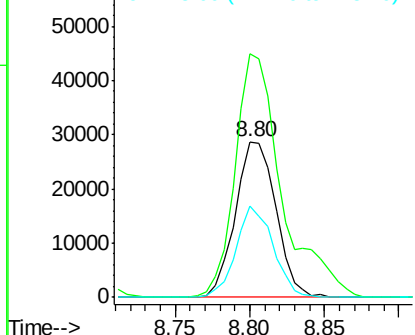
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54077
Ion Ratio Lower Upper
152 100
150 156.3 126.6 189.8
115 58.2 53.0 79.4



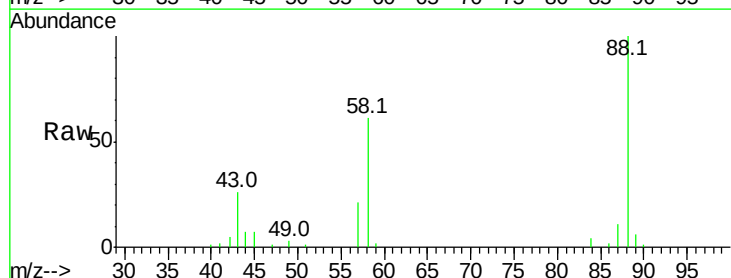
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



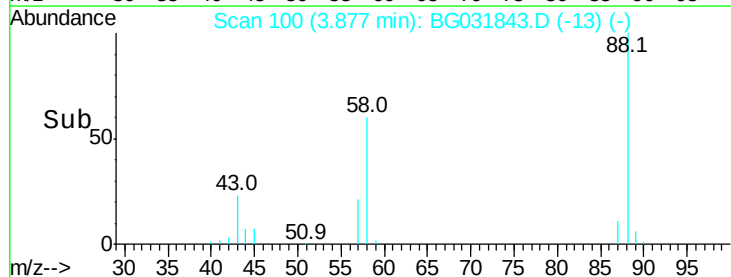
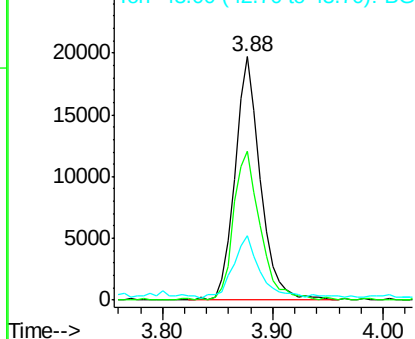
#2

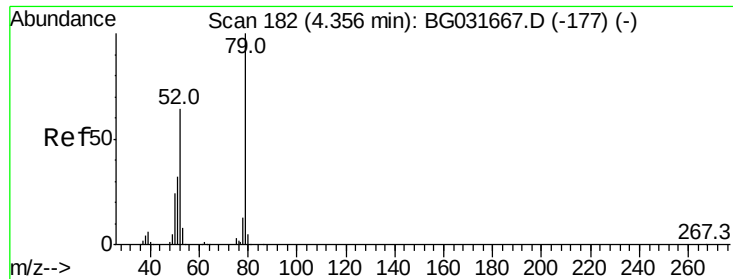
1,4-Dioxane
Concen: 28.883 ng
RT: 3.88 min Scan# 100
Delta R.T. -0.02 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion: 88 Resp: 31788
Ion Ratio Lower Upper
88 100
58 64.2 79.6 119.4#
43 26.4 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: 9.833 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

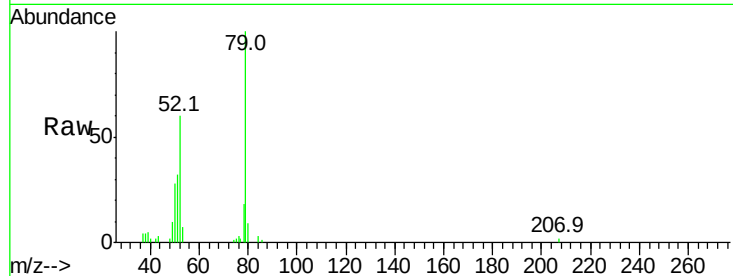
Tot Ion: 79 Resp: 28927

Ion Ratio Lower Upper

79 100

52 60.0 69.9 104.9#

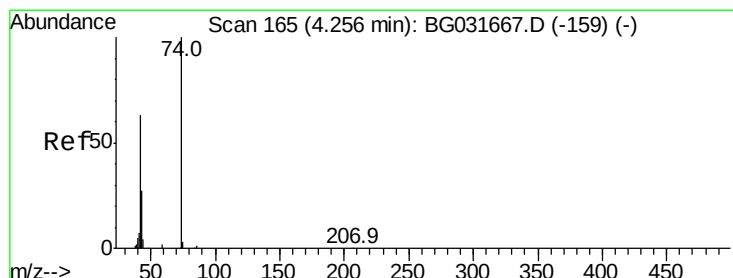
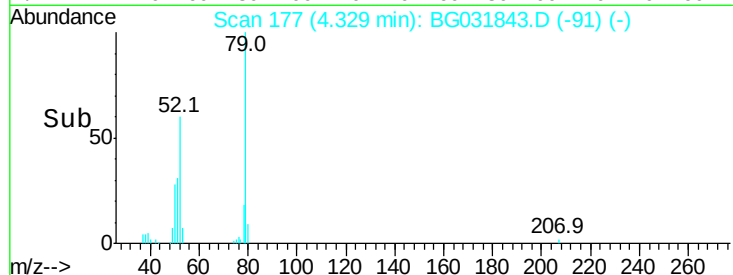
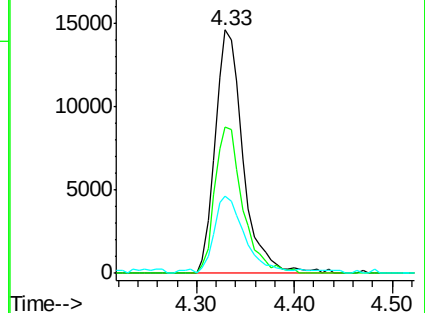
51 31.9 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.111 ng

RT: 4.24 min Scan# 161

Delta R.T. -0.02 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

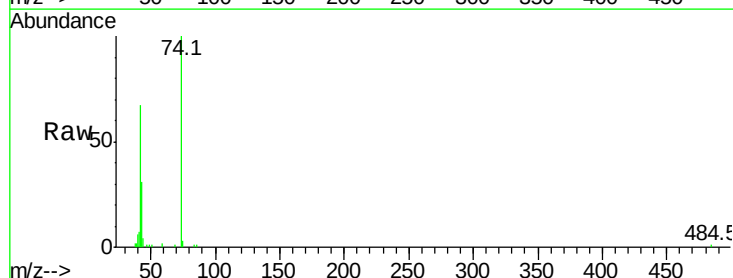
Tgt Ion: 42 Resp: 38120

Ion Ratio Lower Upper

42 100

74 148.9 102.5 153.7

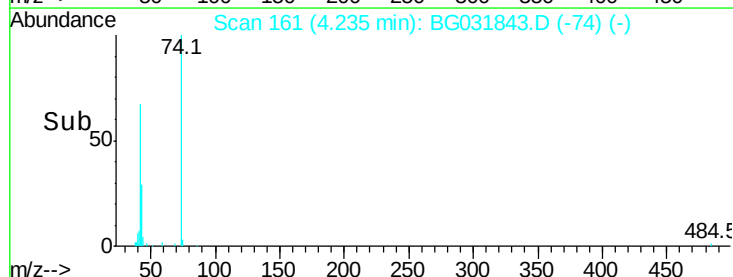
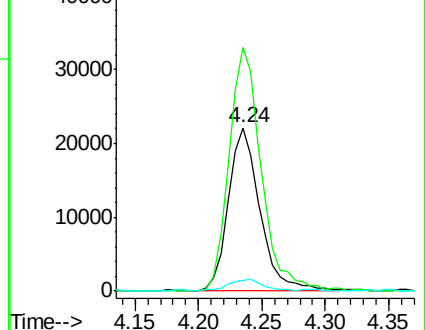
44 6.3 18.9 28.3#

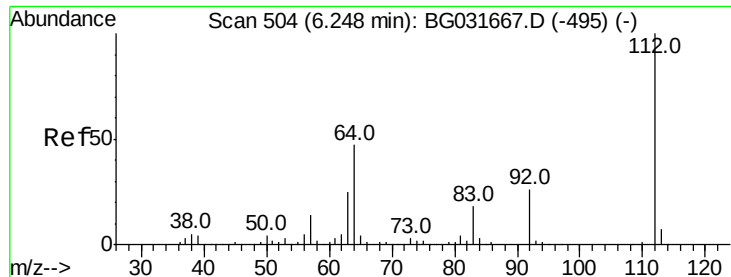


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.258 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampled :

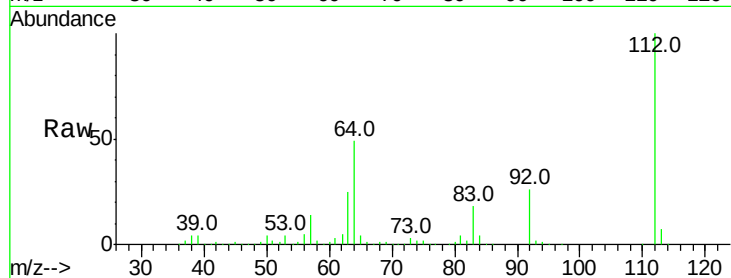
Tot Ion:112 Resp: 360015

Ion Ratio Lower Upper

112 100

64 48.7 56.3 84.5#

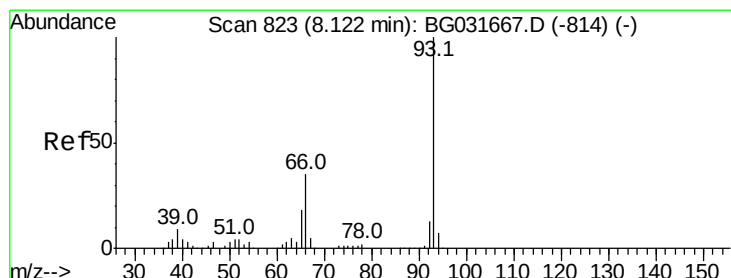
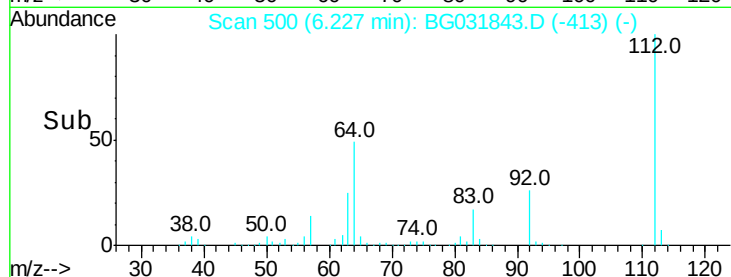
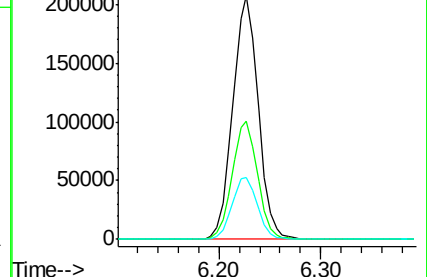
63 25.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.976 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

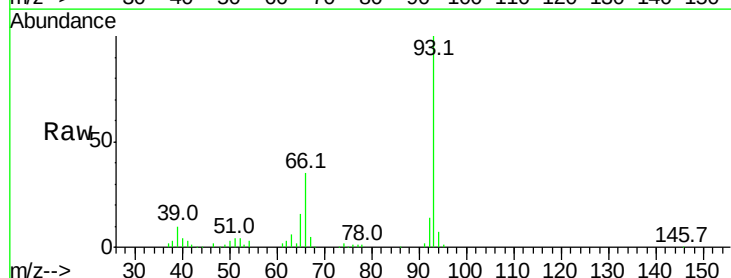
Tgt Ion: 93 Resp: 74273

Ion Ratio Lower Upper

93 100

66 34.8 33.7 50.5

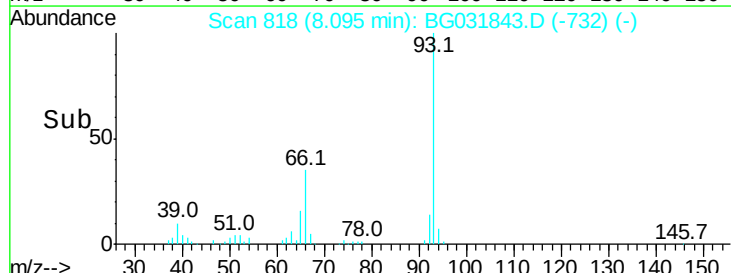
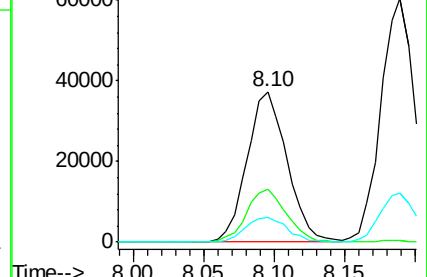
65 16.1 16.1 24.1

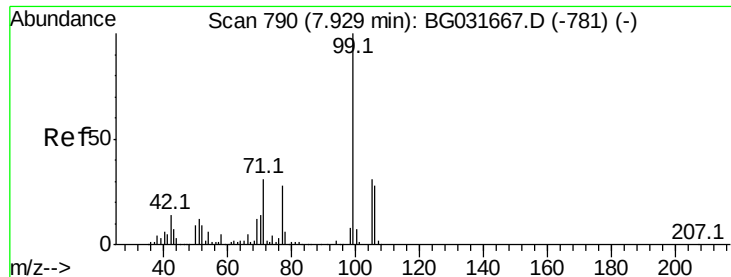


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.686 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampled :

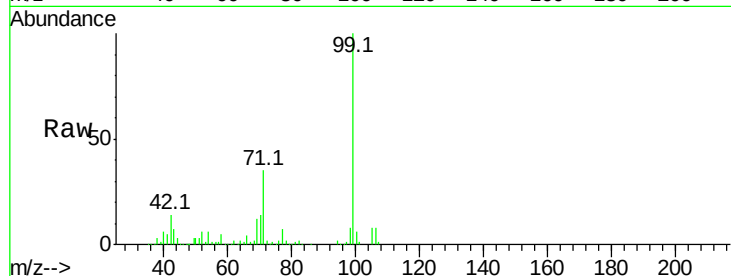
Tot Ion: 99 Resp: 469067

Ion Ratio Lower Upper

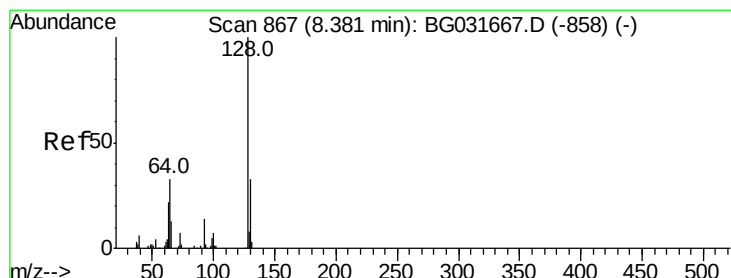
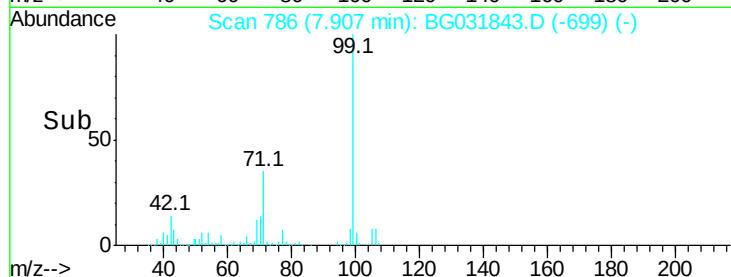
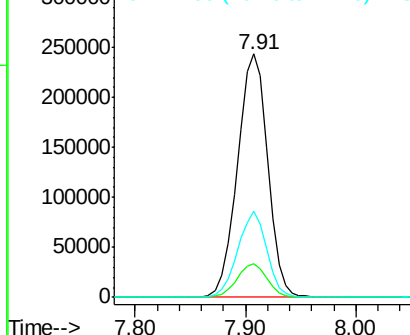
99 100

42 13.9 14.1 21.1#

71 35.3 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: 37.073 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

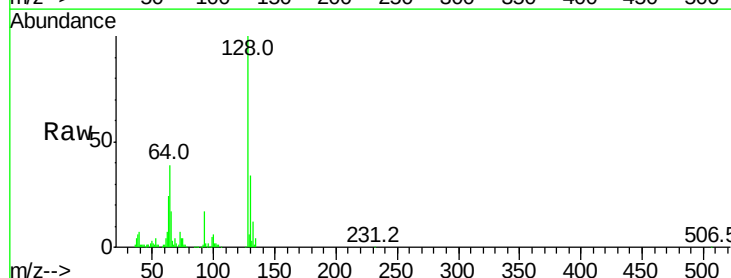
Tgt Ion: 128 Resp: 127680

Ion Ratio Lower Upper

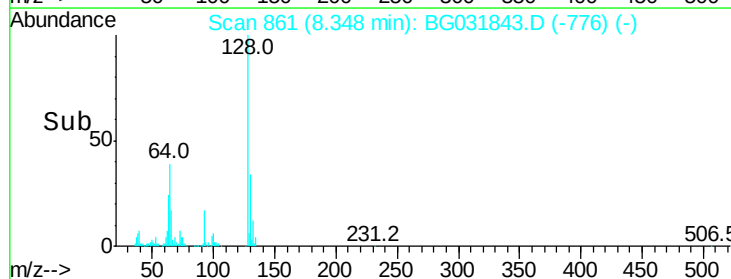
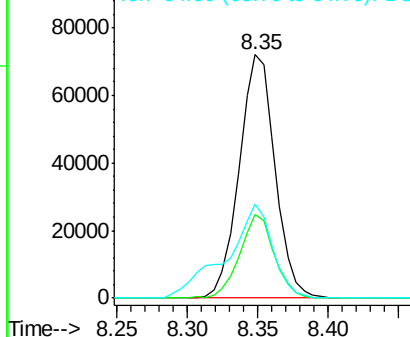
128 100

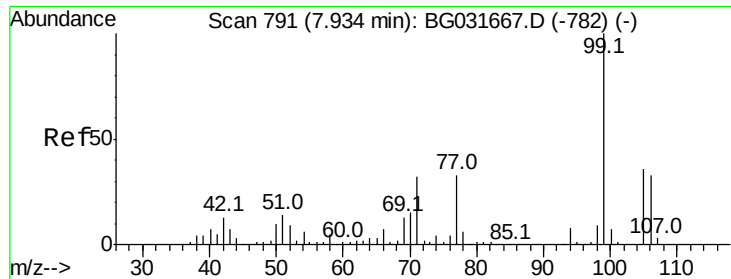
130 34.3 14.0 54.0

64 38.6 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: 16.281 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampled :

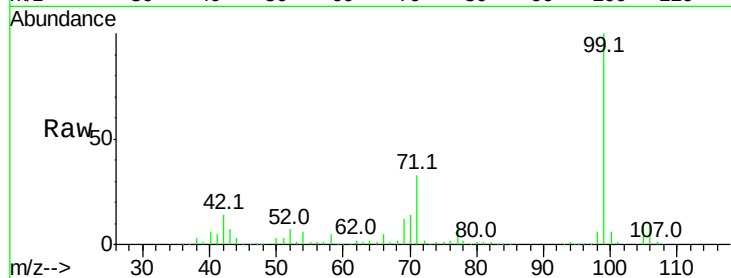
Tot Ion: 77 Resp: 37789

Ion Ratio Lower Upper

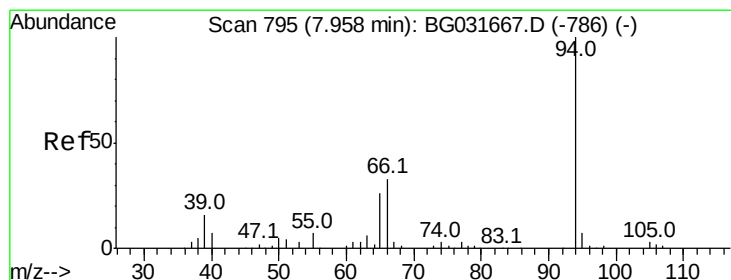
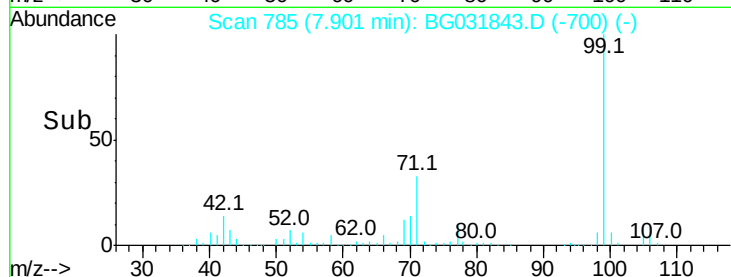
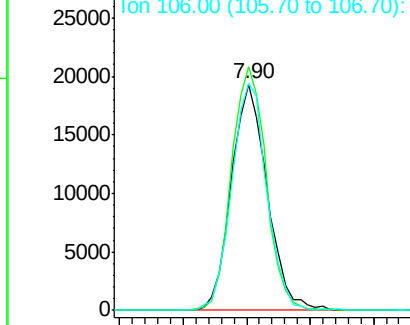
77 100

105 107.7 71.3 111.3

106 100.4 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: 38.200 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

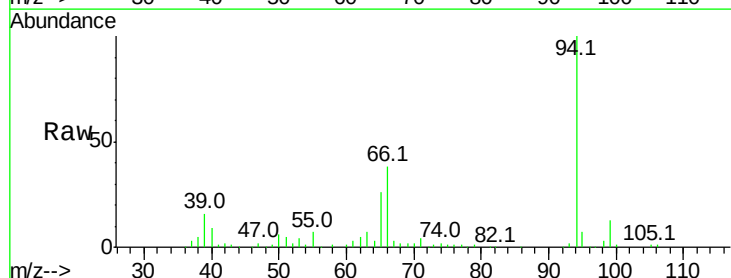
Tgt Ion: 94 Resp: 148664

Ion Ratio Lower Upper

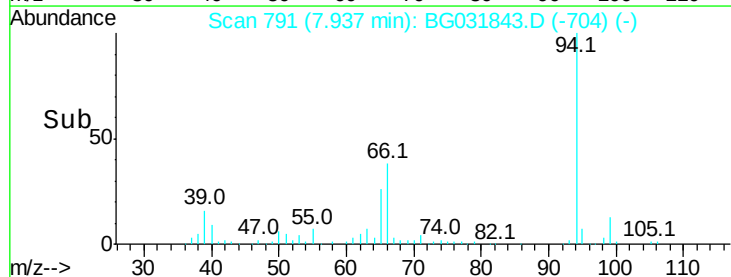
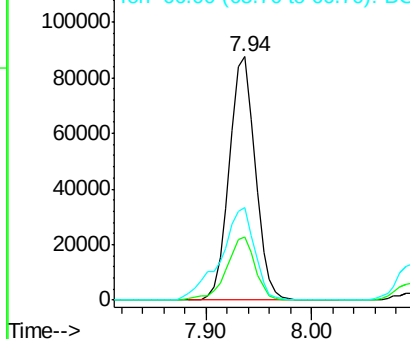
94 100

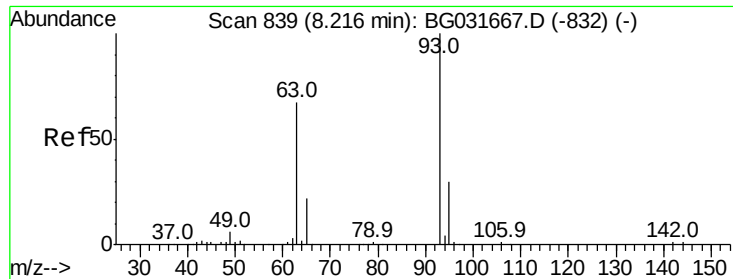
65 25.8 11.9 51.9

66 37.8 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

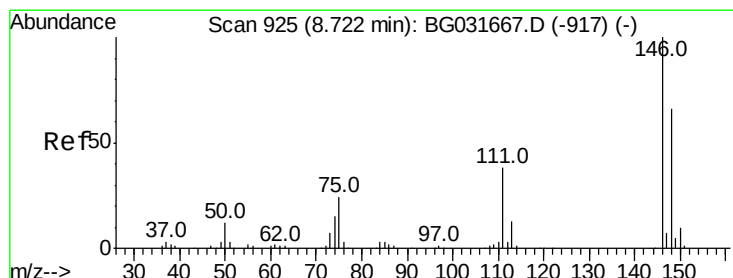
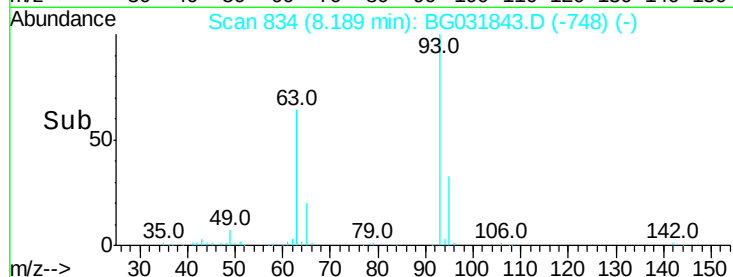
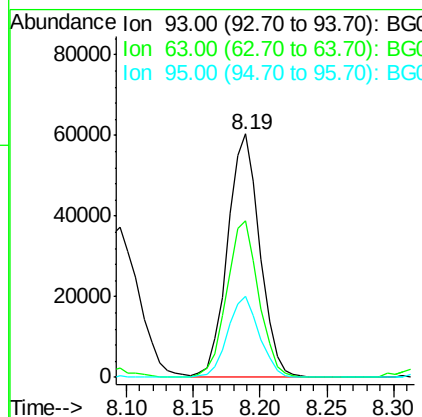
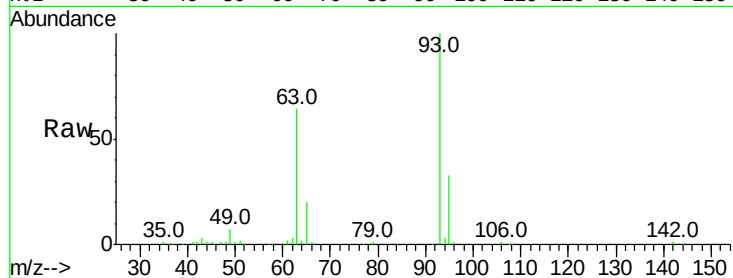




#11
bis(2-Chloroethyl)ether
Concen: 31.612 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

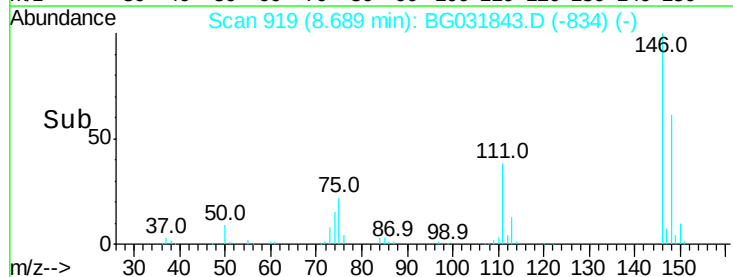
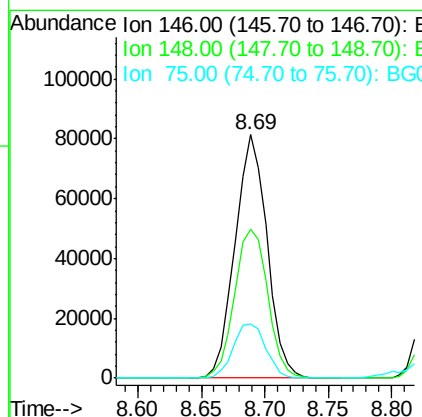
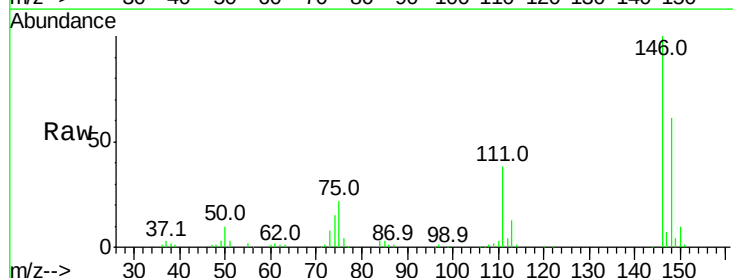
Instrument :
BNA_G
ClientSampleId :

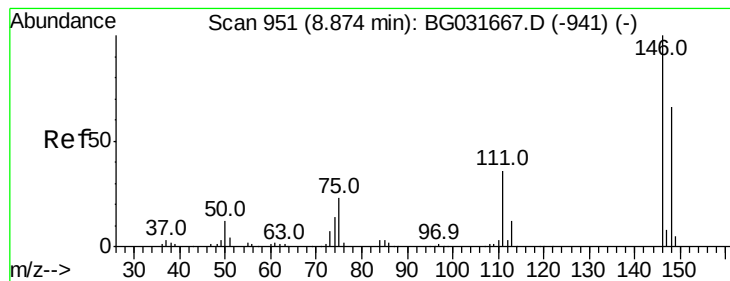
Tot Ion: 93 Resp: 102174
Ion Ratio Lower Upper
93 100
63 64.4 67.1 107.1#
95 33.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 33.238 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion: 146 Resp: 142153
Ion Ratio Lower Upper
146 100
148 61.2 51.4 77.2
75 22.1 26.6 39.8#

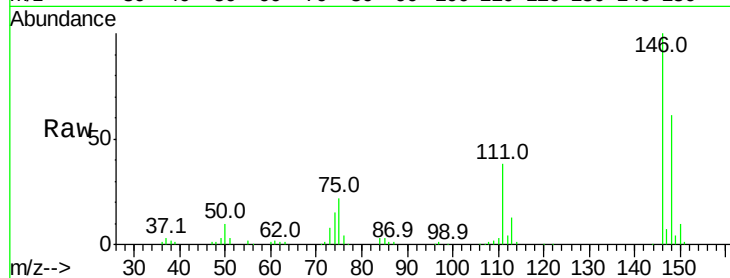




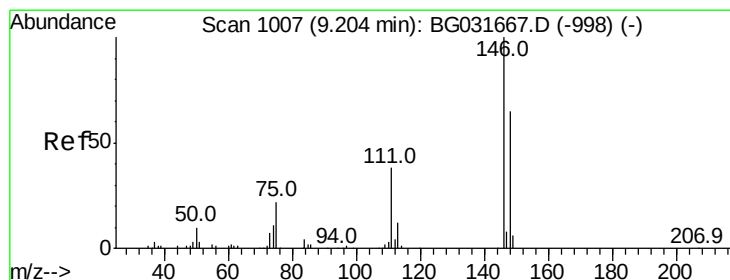
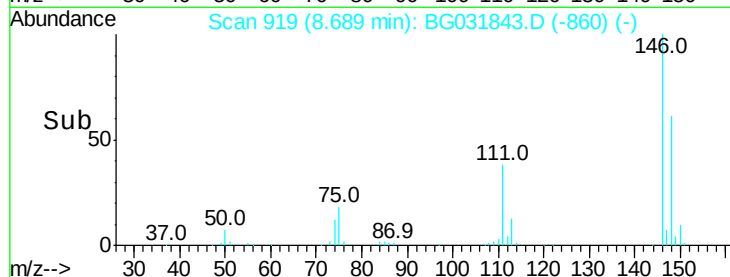
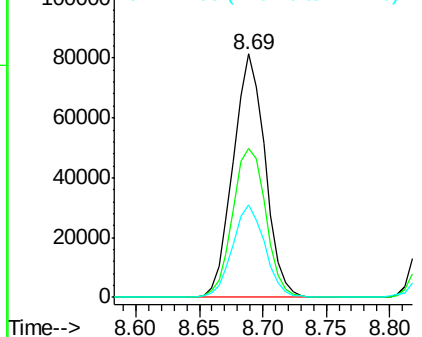
#13
 1,4-Dichlorobenzene
 Concen: 32.538 ng
 RT: 8.69 min Scan# 919
 Delta R.T. -0.19 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 142153
 Ion Ratio Lower Upper
 146 100
 148 61.2 53.7 80.5
 111 37.8 35.2 52.8

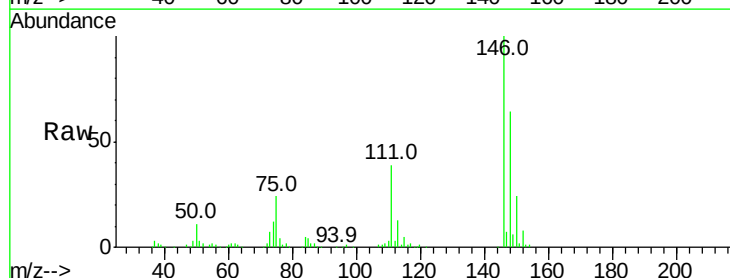


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

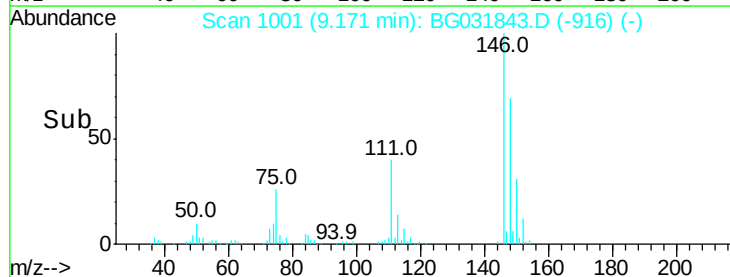
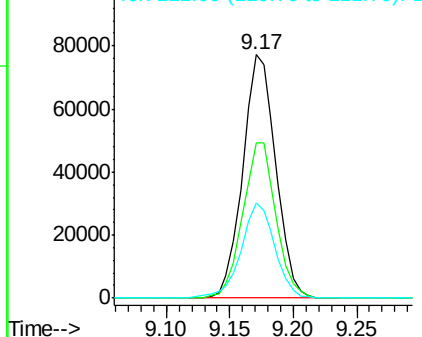


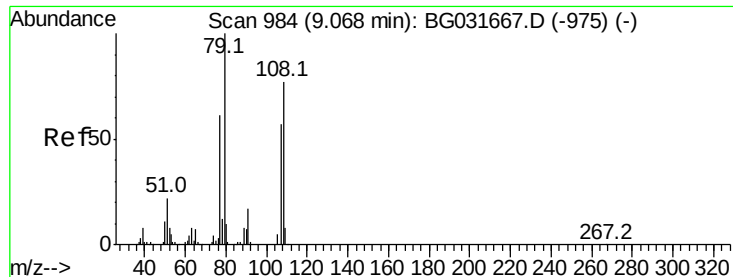
#14
 1,2-Dichlorobenzene
 Concen: 33.698 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:146 Resp: 139498
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.3 73.9
 111 39.2 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: 35.643 ng

RT: 9.04 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

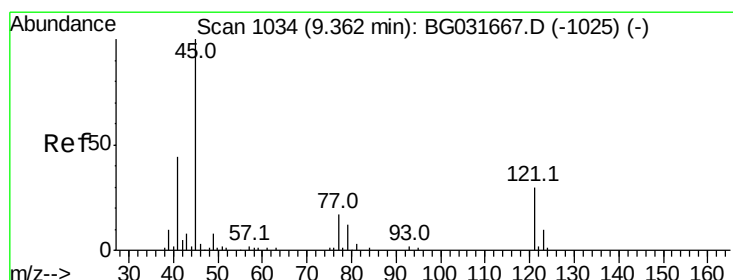
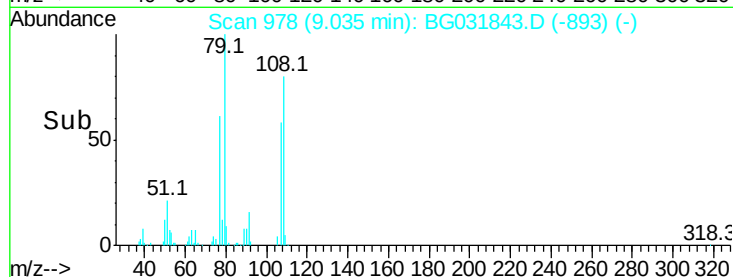
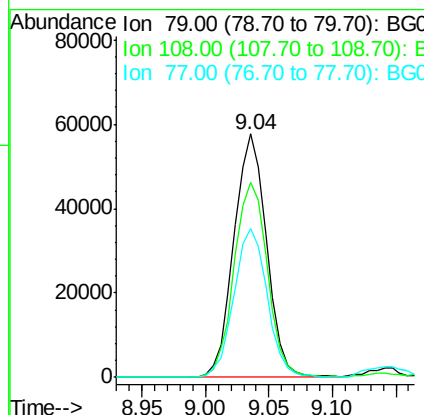
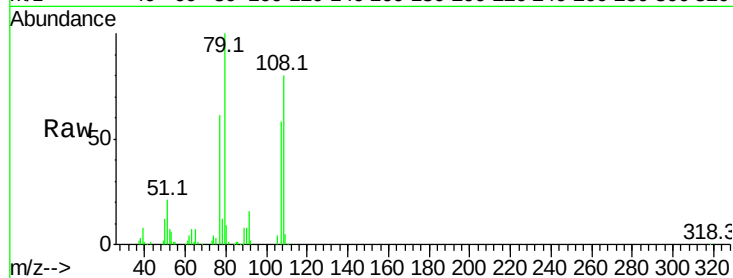
Tot Ion: 79 Resp: 103142

Ion Ratio Lower Upper

79 100

108 80.0 57.2 85.8

77 61.4 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.416 ng

RT: 9.33 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

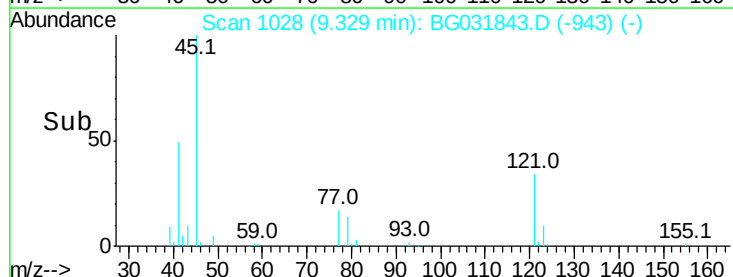
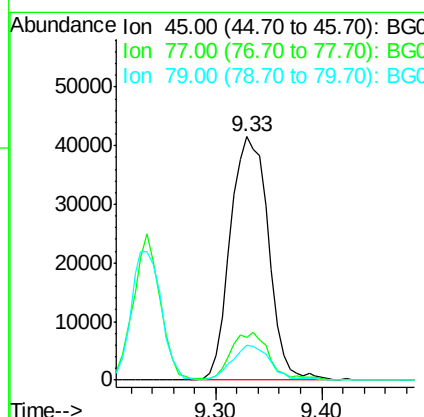
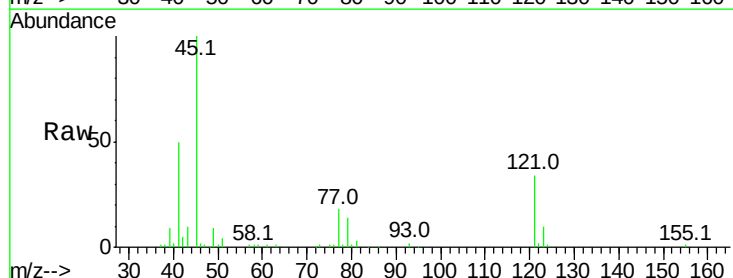
Tgt Ion: 45 Resp: 103746

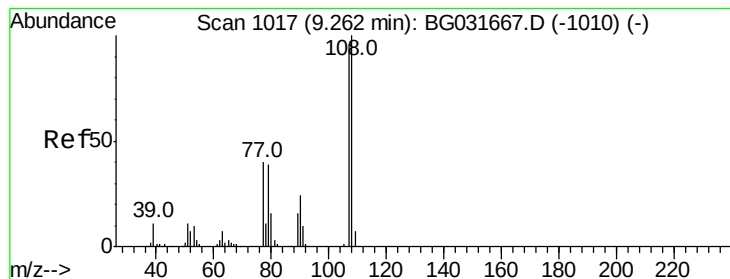
Ion Ratio Lower Upper

45 100

77 17.6 0.0 30.2

79 14.5 0.0 27.9

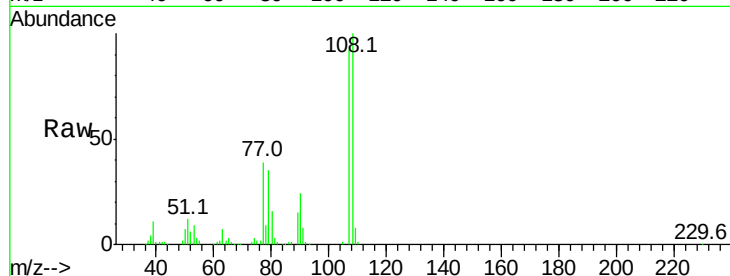




#17
2-Methylphenol
Concen: 37.010 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	83.9	125.9
77	43.0	37.2	55.8
79	37.8	36.2	54.2



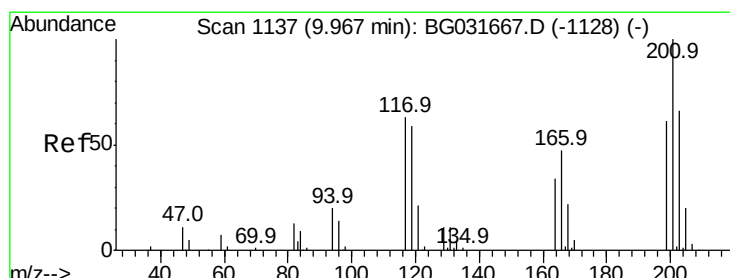
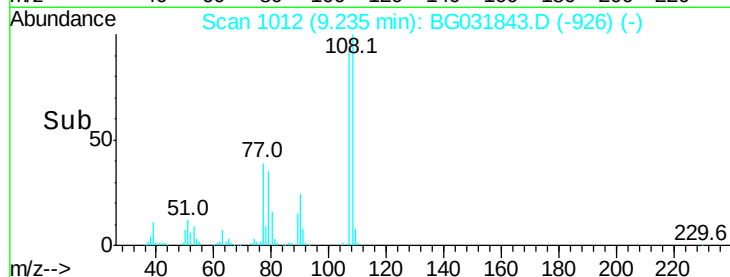
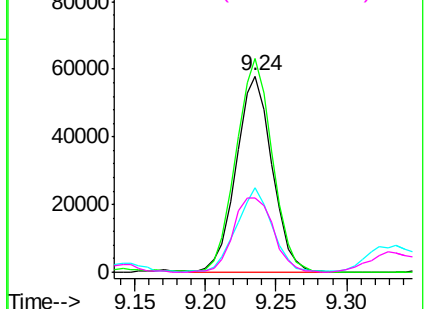
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

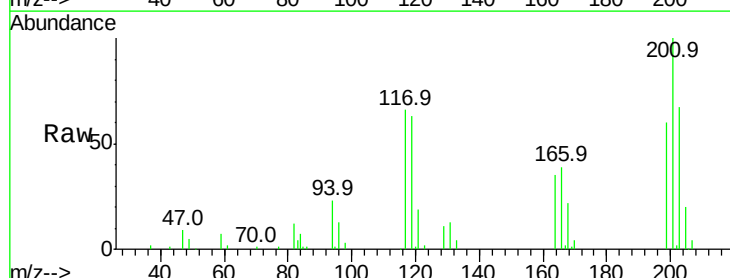
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.848 ng
RT: 9.93 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.7	115.1
201	150.4	95.7	143.5

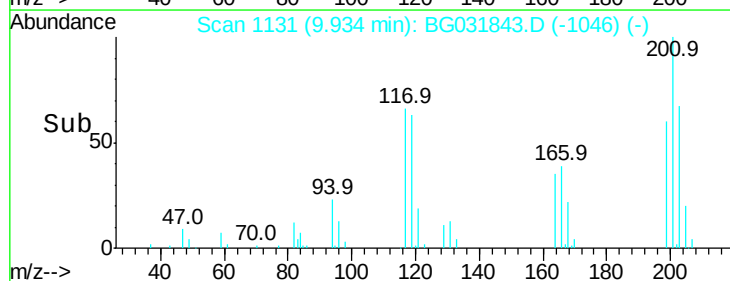
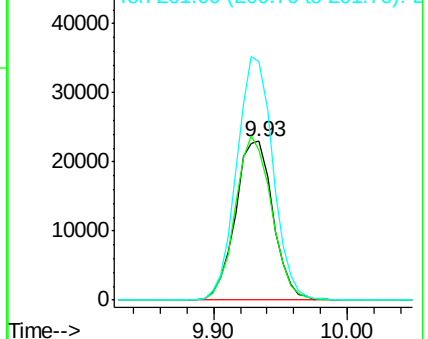


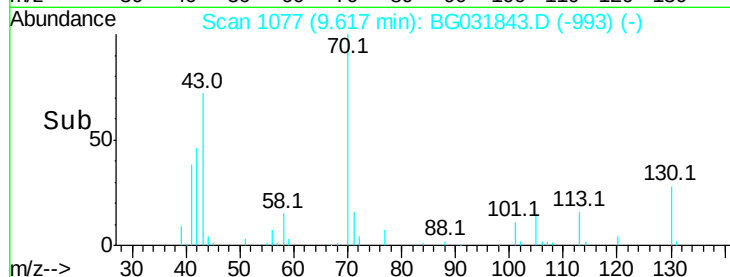
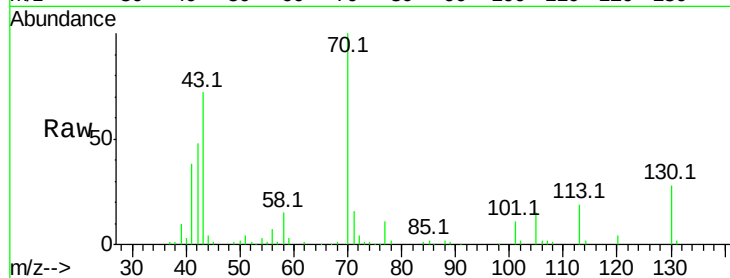
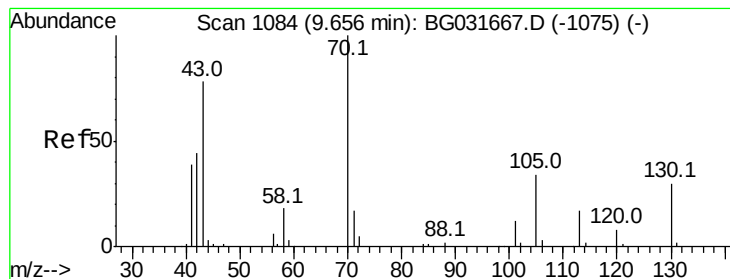
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.259 ng

RT: 9.62 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 79658

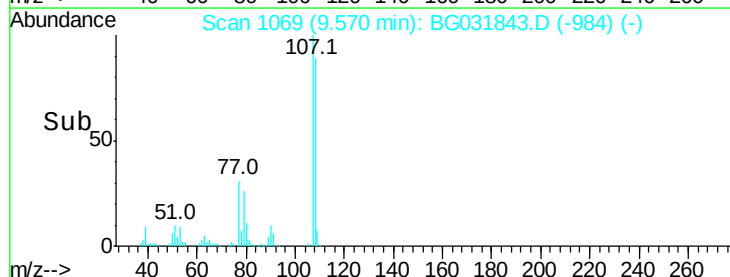
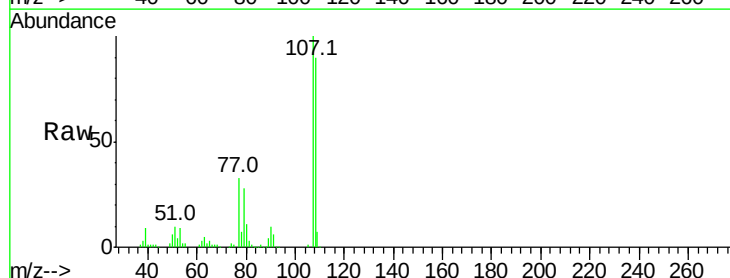
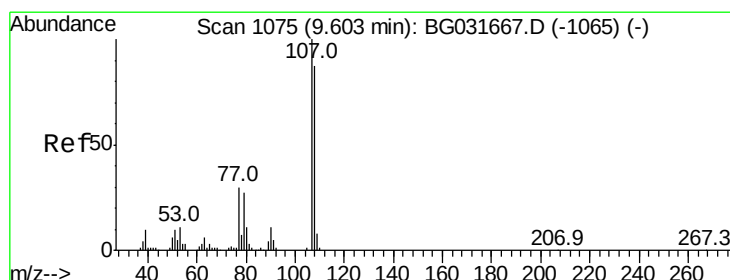
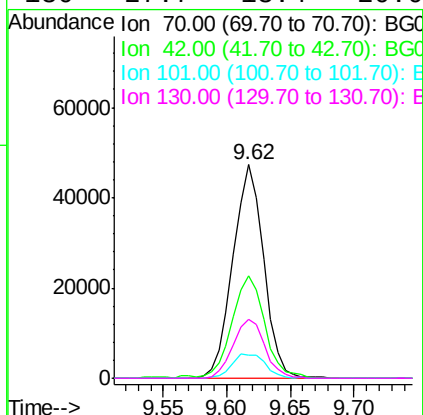
Ion Ratio Lower Upper

70 100

42 47.8 49.1 73.7#

101 10.7 8.5 12.7

130 27.7 13.4 20.0#



#20

3+4-Methylphenols

Concen: 36.352 ng

RT: 9.57 min Scan# 1069

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Tgt Ion:107 Resp: 143870

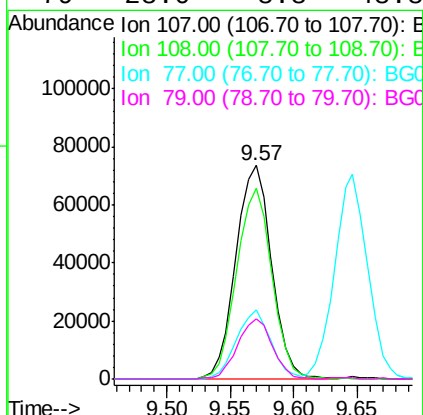
Ion Ratio Lower Upper

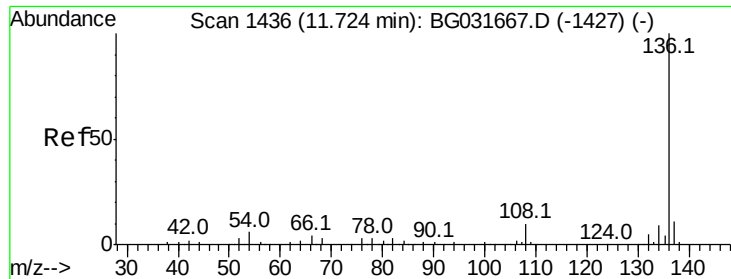
107 100

108 89.5 61.6 101.6

77 32.6 13.9 53.9

79 28.0 8.8 48.8

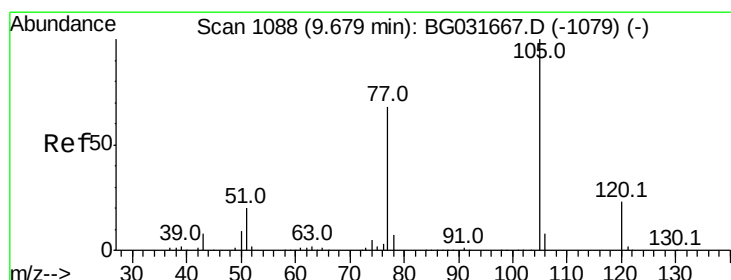
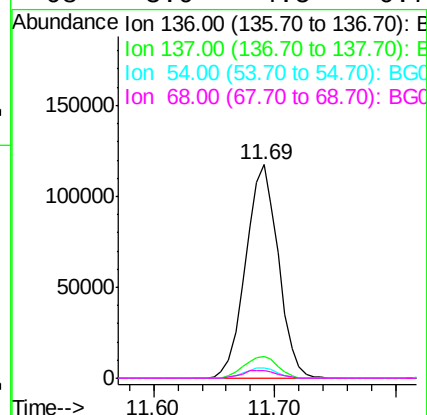
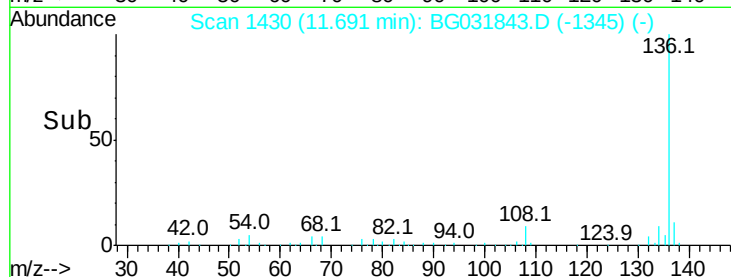
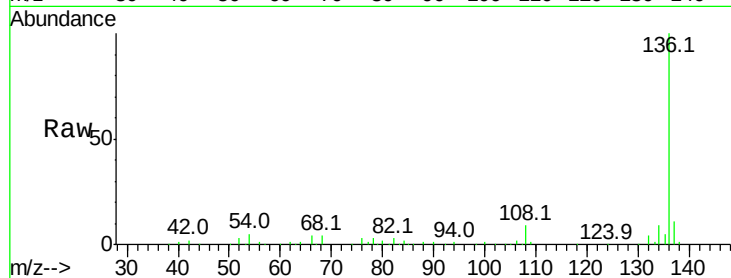




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

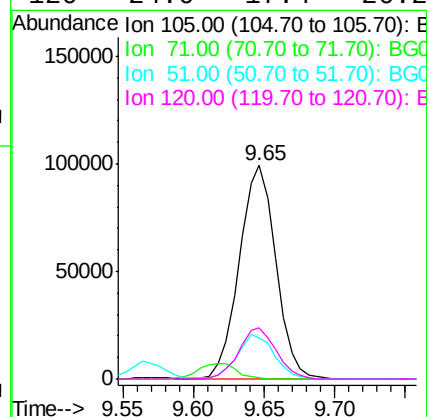
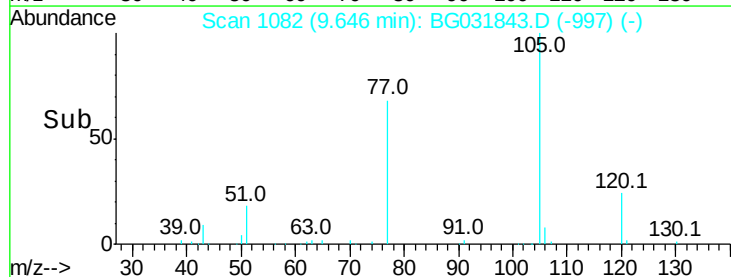
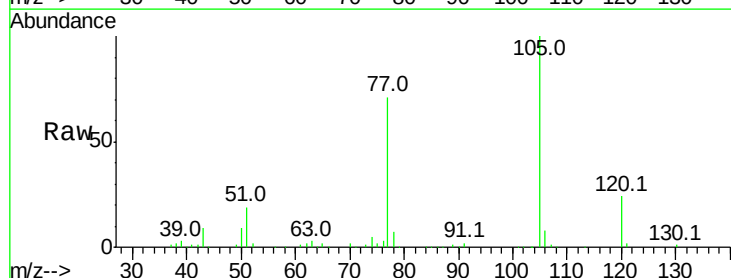
Instrument :
BNA_G
ClientSampleId :

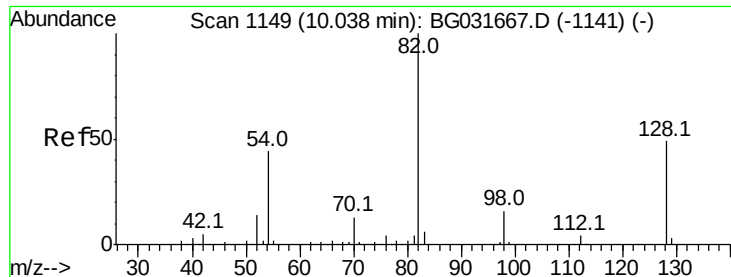
Tot Ion:136	Resp:	220614
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.2 13.8
54	5.1	10.3 15.5#
68	3.9	4.5 6.7#



#22
Acetophenone
Concen: 35.093 ng
RT: 9.65 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion:105	Resp:	179870
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	19.3	26.1 39.1#
120	24.0	17.4 26.2

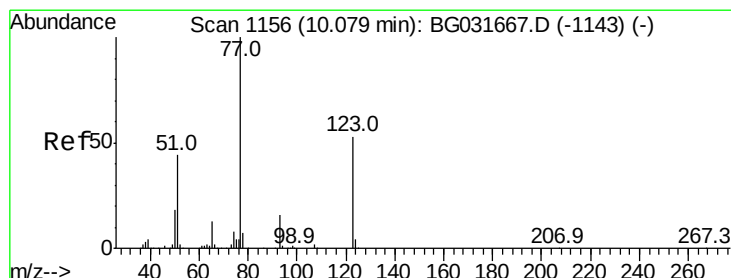
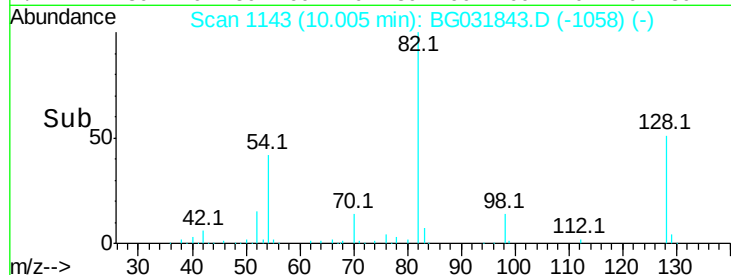
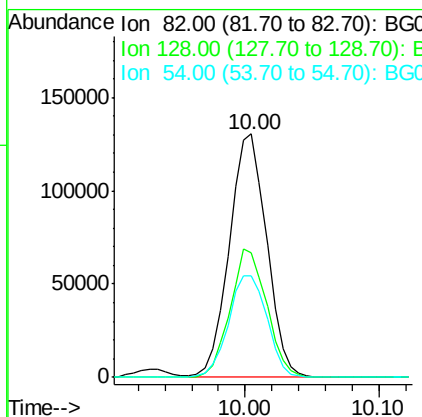
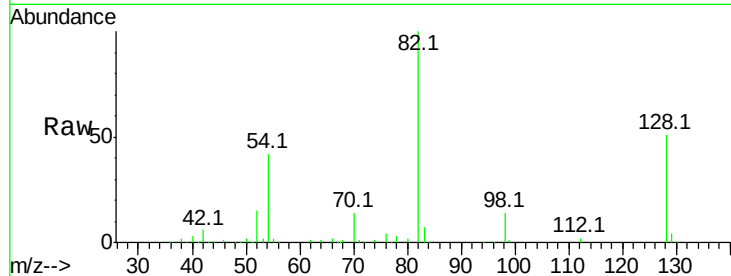




#23
 Nitrobenzene-d5
 Concen: 86.825 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

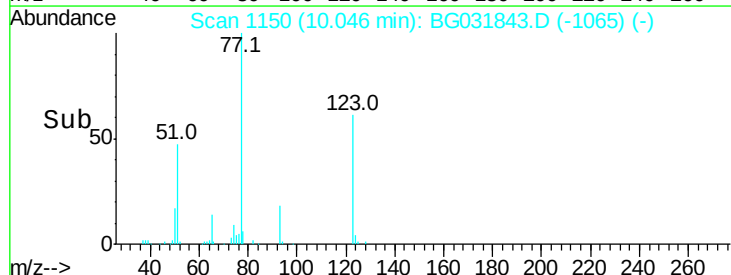
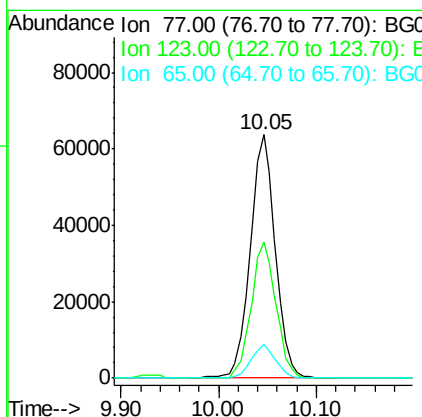
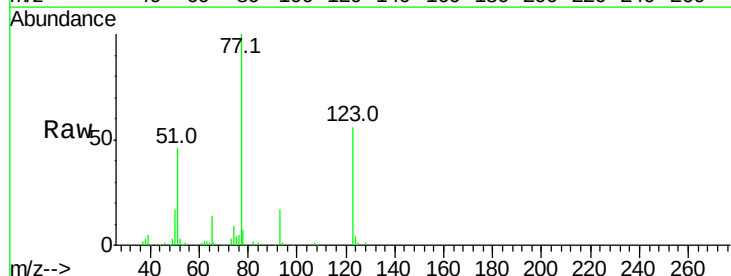
Instrument :
 BNA_G
 ClientSampleId :

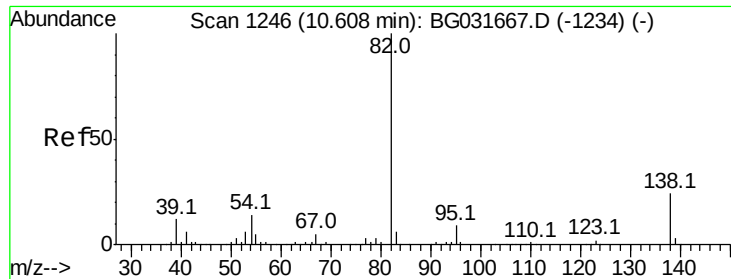
Tot Ion: 82 Resp: 253666
 Ion Ratio Lower Upper
 82 100
 128 50.9 29.7 44.5#
 54 41.6 43.1 64.7#



#24
 Nitrobenzene
 Concen: 38.075 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion: 77 Resp: 114646
 Ion Ratio Lower Upper
 77 100
 123 56.0 33.0 49.6#
 65 13.8 13.0 19.6





#25

Isophorone

Concen: 36.249 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

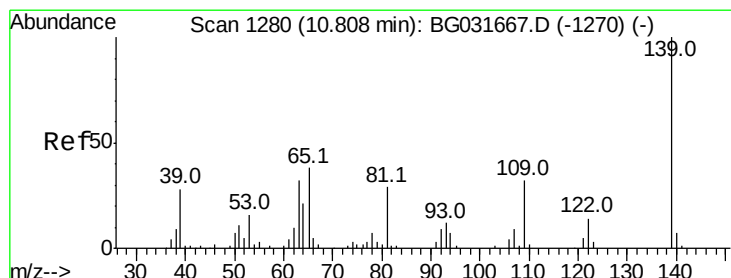
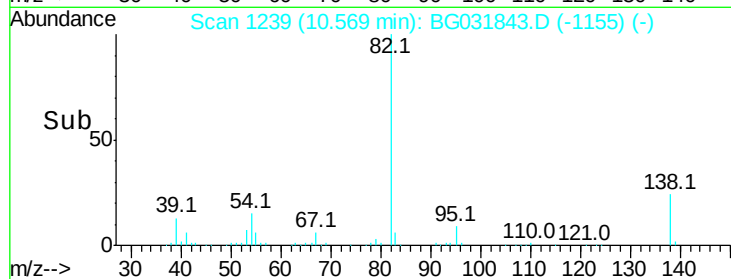
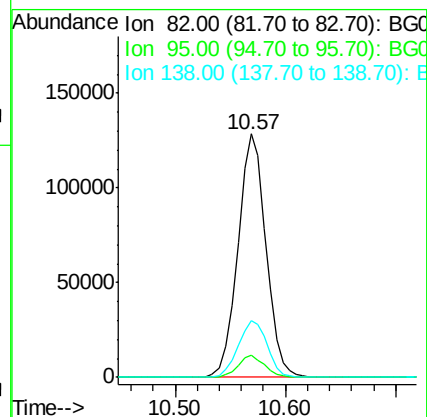
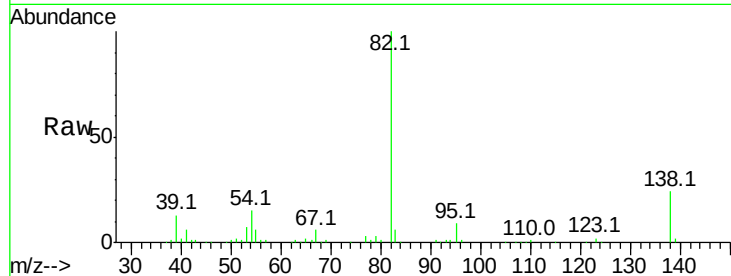
Tot Ion: 82 Resp: 227979

Ion Ratio Lower Upper

82 100

95 9.2 6.2 9.2

138 23.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.030 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

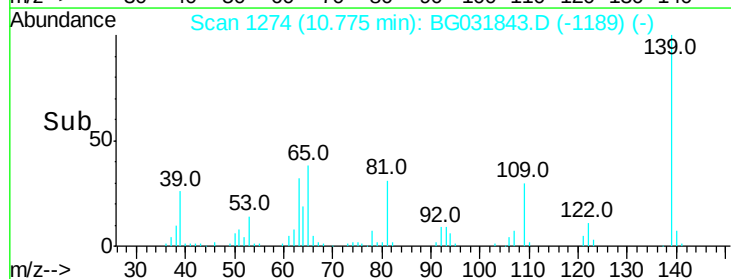
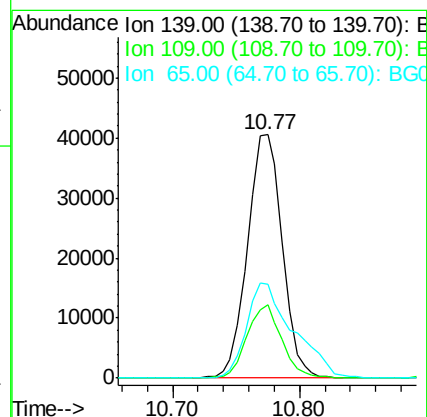
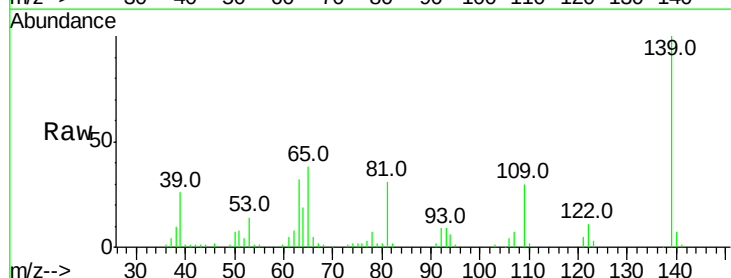
Tgt Ion: 139 Resp: 77407

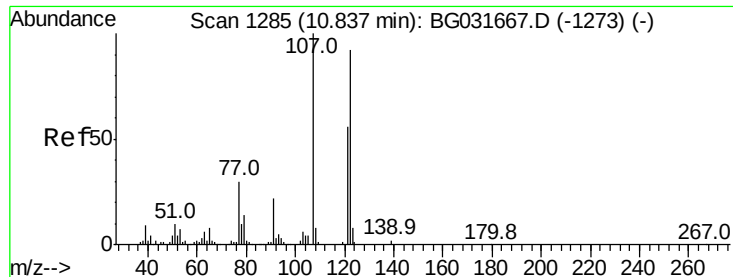
Ion Ratio Lower Upper

139 100

109 30.2 24.2 36.2

65 38.4 47.4 71.0#

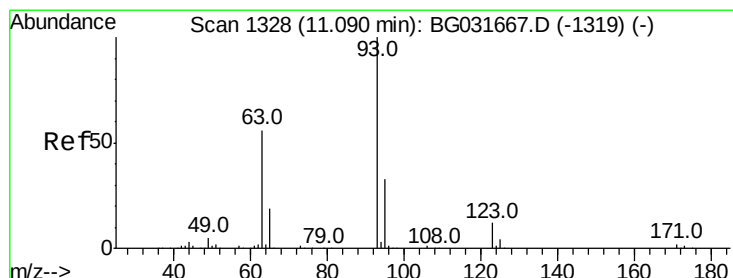
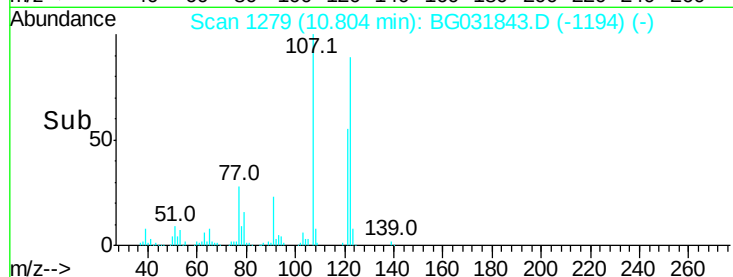
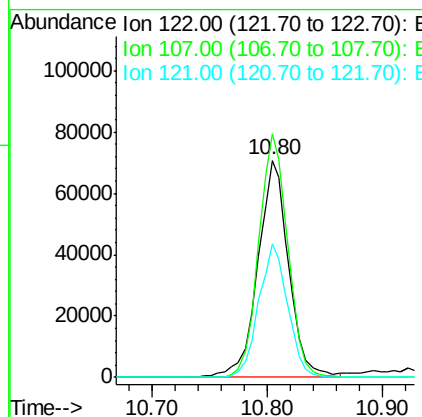
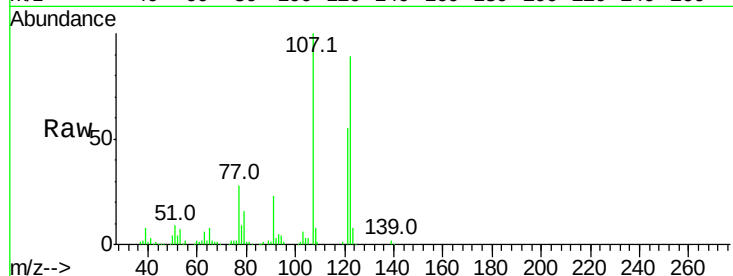




#27
 2,4-Dimethylphenol
 Concen: 39.527 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

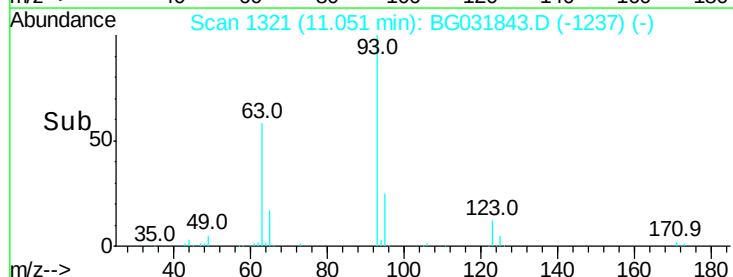
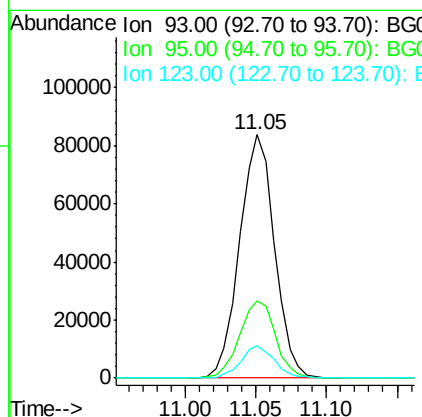
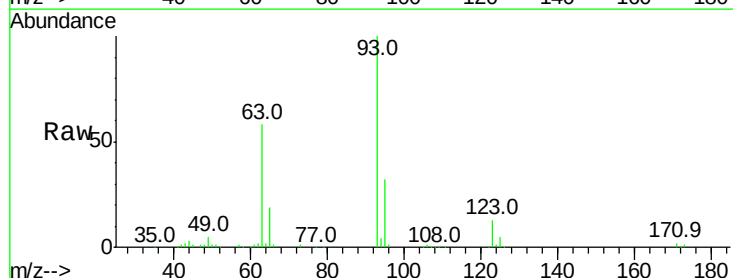
Instrument :
 BNA_G
 ClientSampleId :

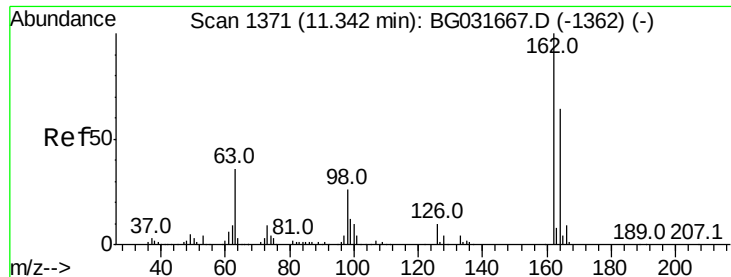
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	100.2	150.2
121	61.8	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.353 ng
 RT: 11.05 min Scan# 1321
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.3	36.5
123	13.4	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 39.924 ng

RT: 11.31 min Scan# 1365

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

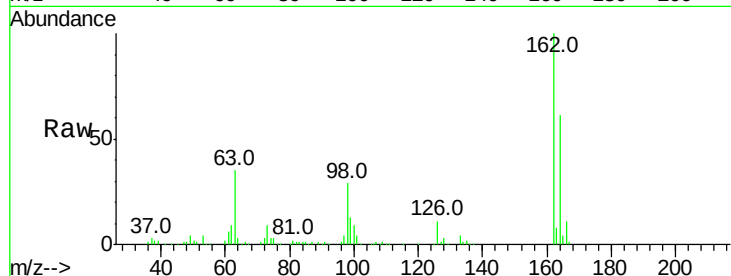
Tot Ion:162 Resp: 155706

Ion Ratio Lower Upper

162 100

164 61.2 48.0 88.0

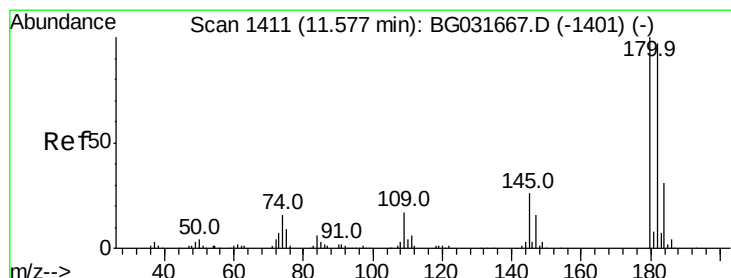
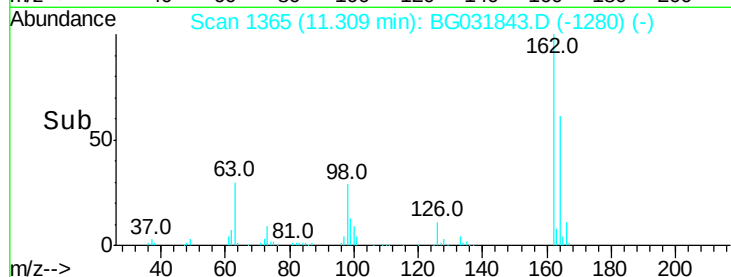
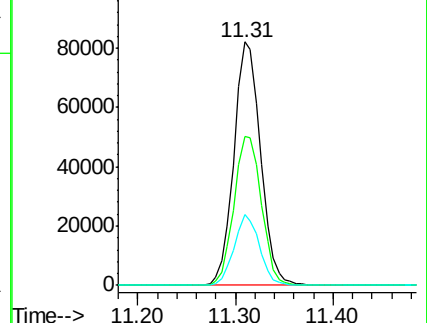
98 29.0 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 34.491 ng

RT: 11.54 min Scan# 1404

Delta R.T. -0.04 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

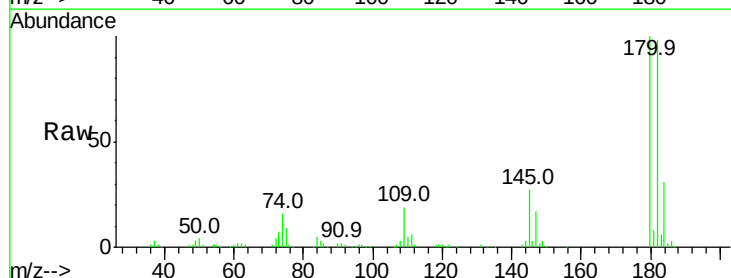
Tgt Ion:180 Resp: 164247

Ion Ratio Lower Upper

180 100

182 97.5 77.5 116.3

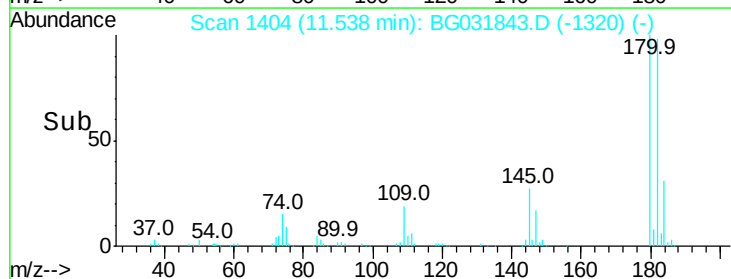
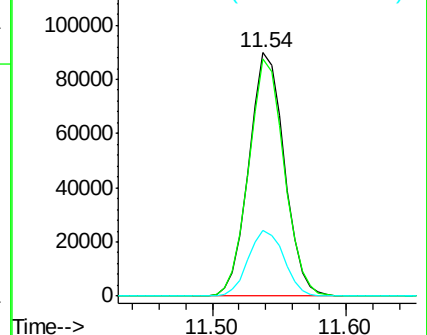
145 27.0 23.4 35.2

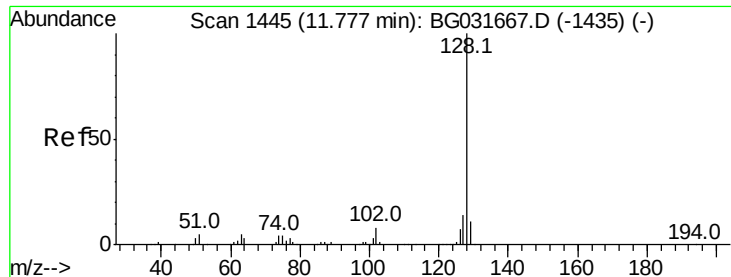


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

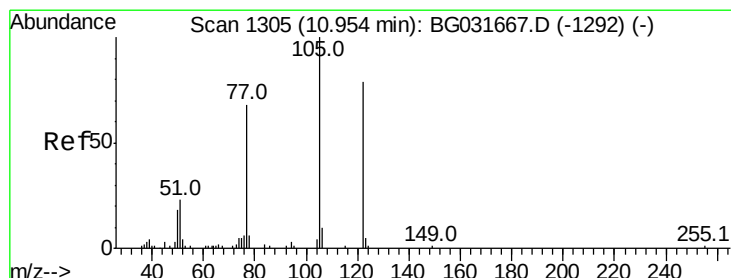
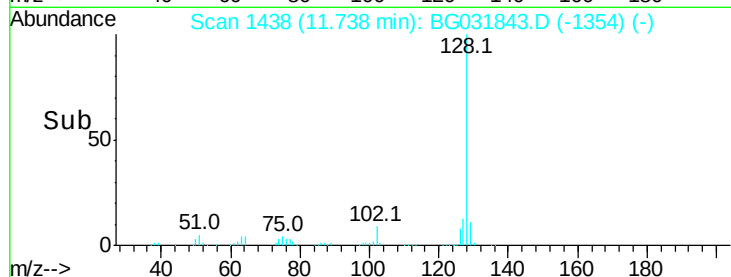
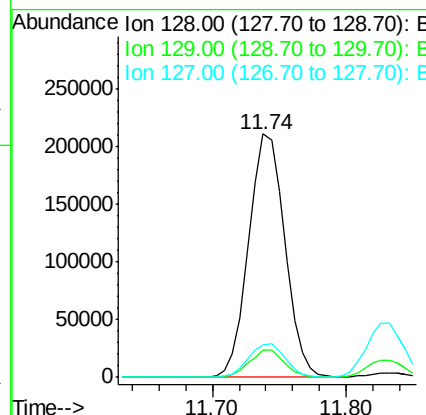
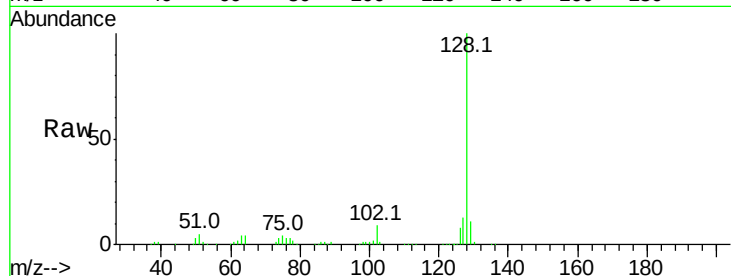




#31
Naphthalene
Concen: 35.430 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

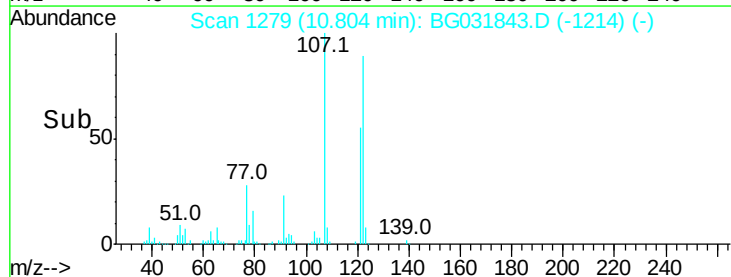
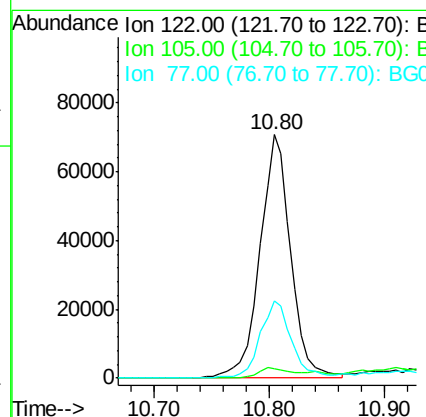
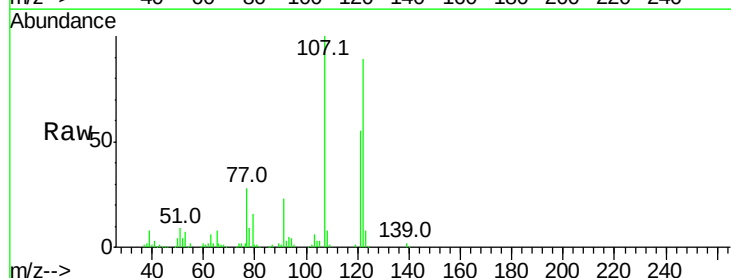
Instrument :
BNA_G
ClientSampleId :

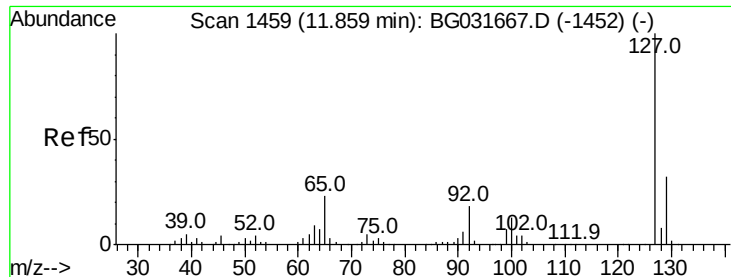
Tot Ion:128 Resp: 394478
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 56.574 ng
RT: 10.80 min Scan# 1279
Delta R.T. -0.15 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion:122 Resp: 131315
Ion Ratio Lower Upper
122 100
105 3.9 123.5 163.5#
77 31.5 85.7 125.7#

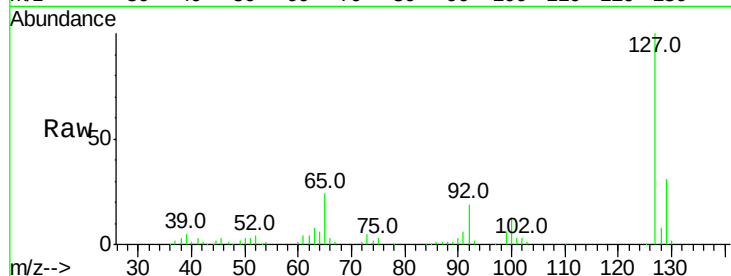




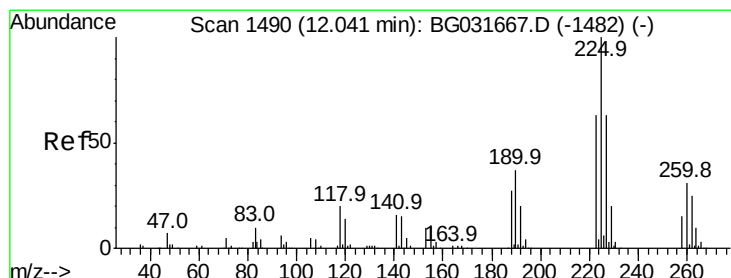
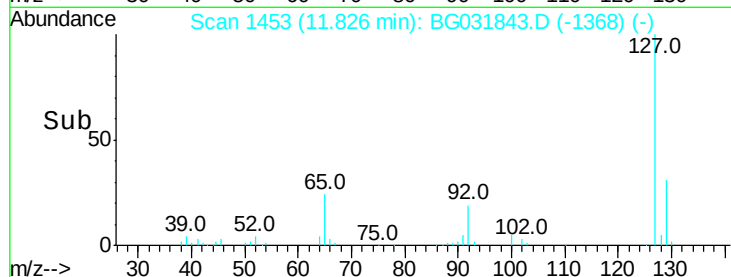
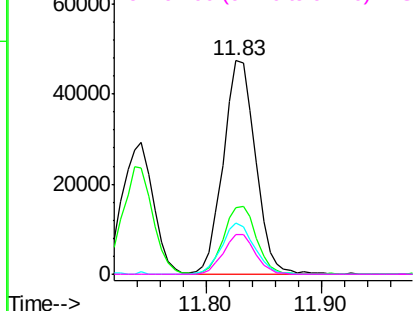
#33
 4-Chloroaniline
 Concen: 18.533 ng
 RT: 11.83 min Scan# 1453
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	91865
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.0	36.0
65	24.2	27.0	40.4#
92	18.9	16.6	25.0

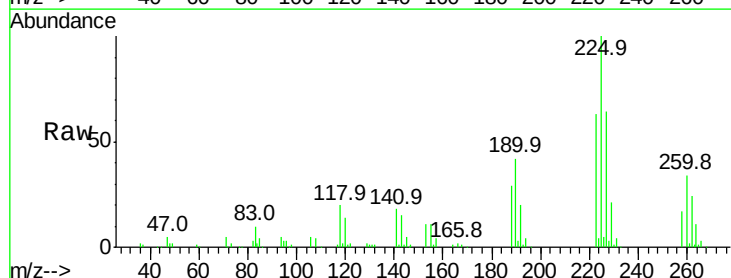


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC

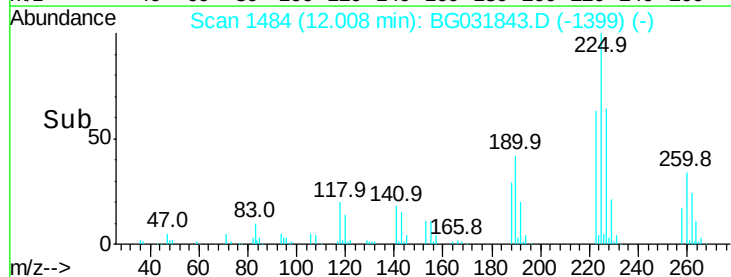
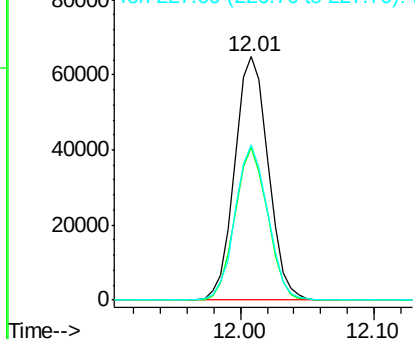


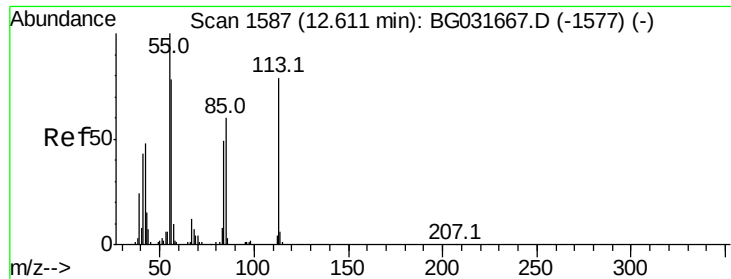
#34
 Hexachlorobutadiene
 Concen: 34.488 ng
 RT: 12.01 min Scan# 1484
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:	225	Resp:	112750
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	64.0	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

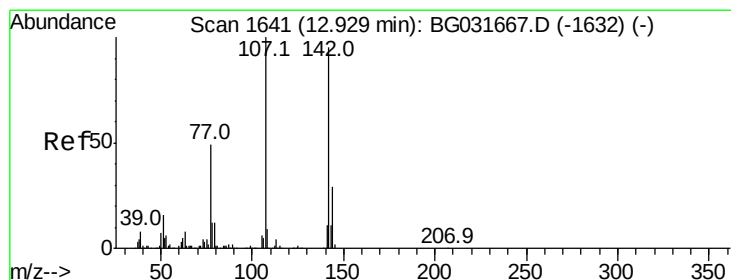
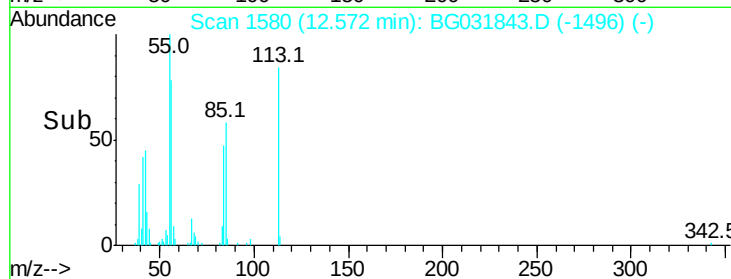
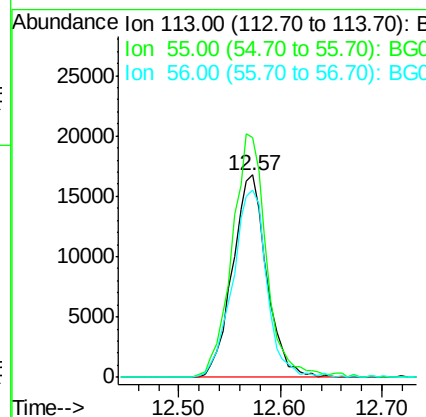
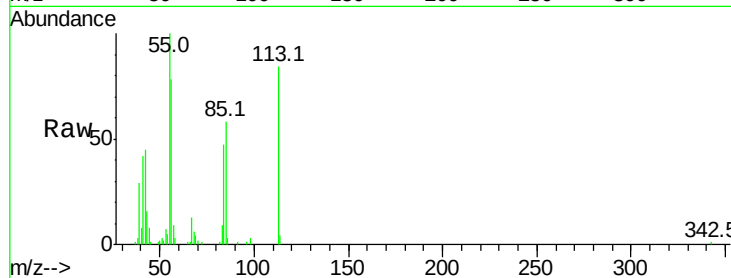




#35
 Caprolactam
 Concen: 32.990 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

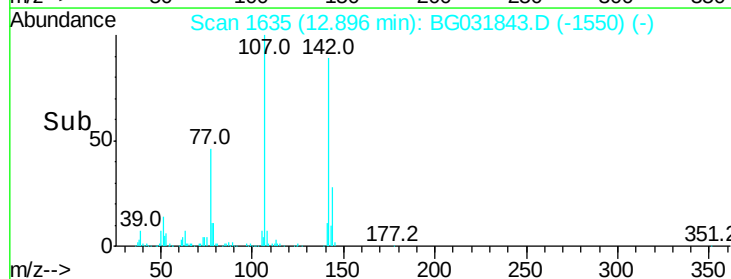
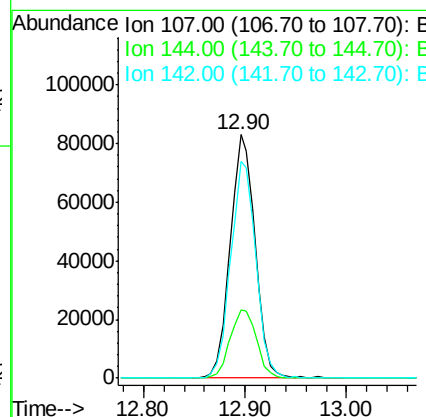
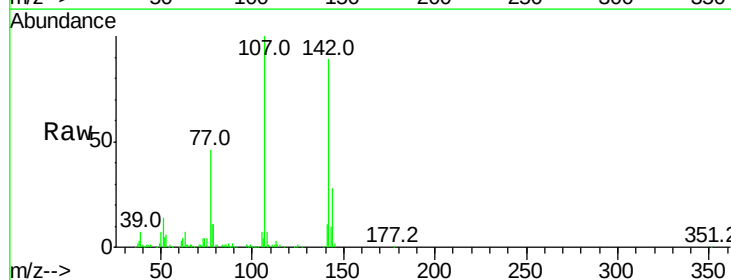
Instrument :
 BNA_G
 ClientSampleId :

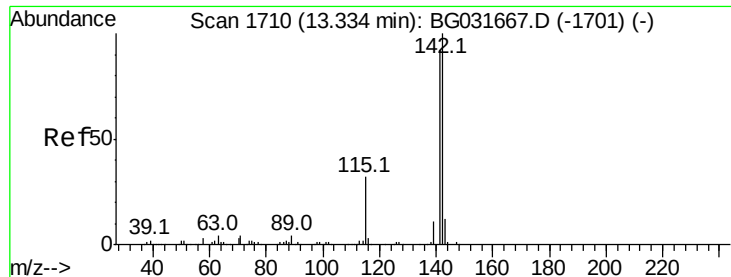
Tot Ion:113 Resp: 39000
 Ion Ratio Lower Upper
 113 100
 55 118.5 186.9 226.9#
 56 92.4 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 39.156 ng
 RT: 12.90 min Scan# 1635
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:107 Resp: 141037
 Ion Ratio Lower Upper
 107 100
 144 28.0 18.2 27.4#
 142 89.1 59.0 88.4#

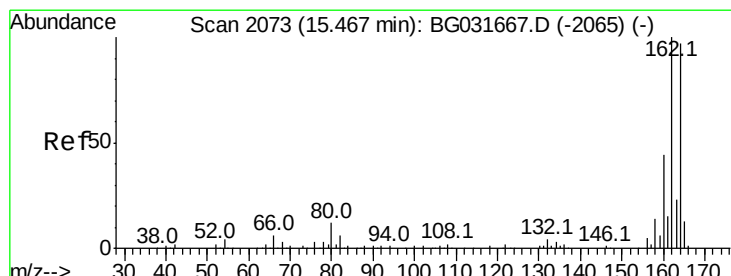
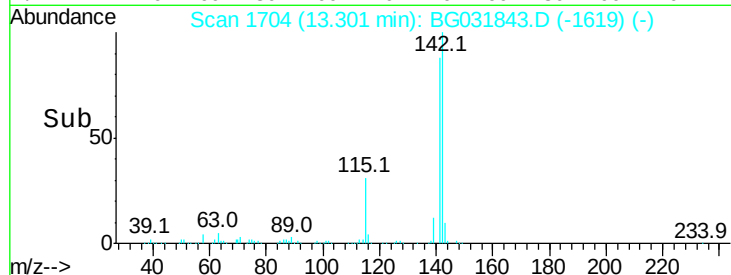
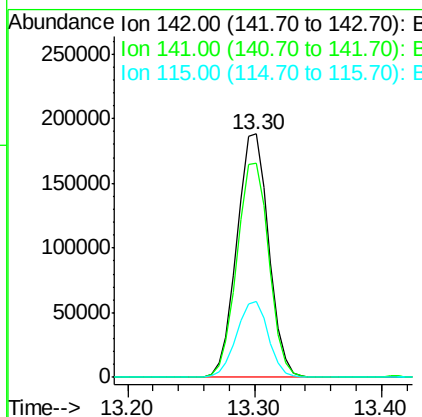
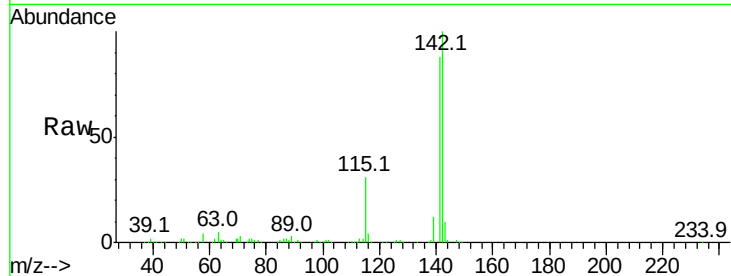




#37
2-Methylnaphthalene
Concen: 36.318 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

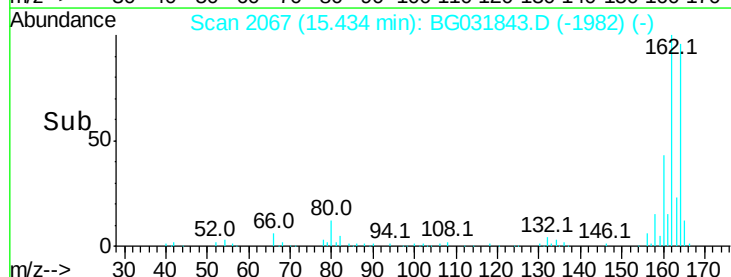
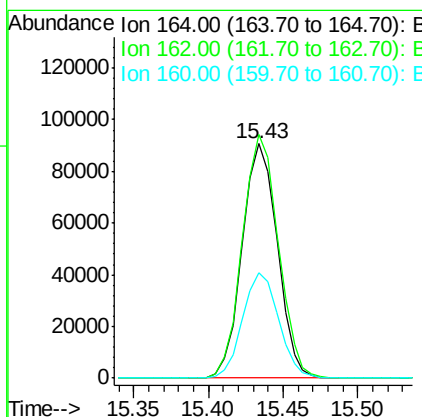
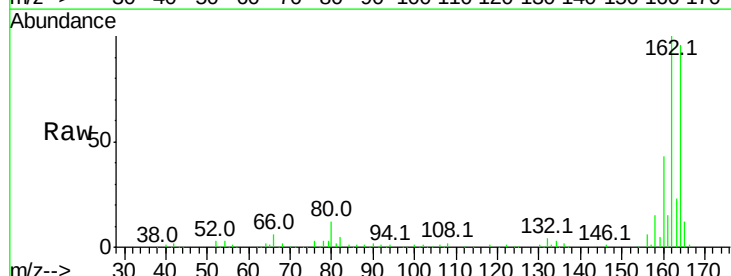
Instrument :
BNA_G
ClientSampleId :

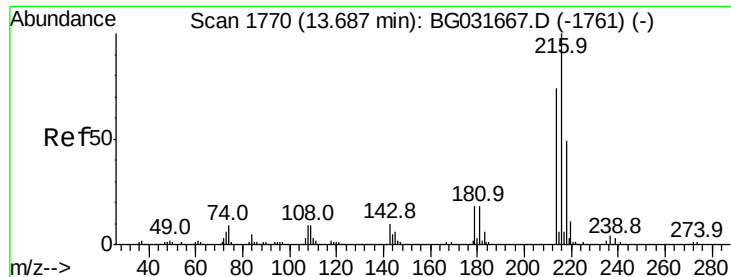
Tot Ion:142 Resp: 327801
Ion Ratio Lower Upper
142 100
141 88.2 67.1 100.7
115 31.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion:164 Resp: 148040
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 44.9 35.4 53.0

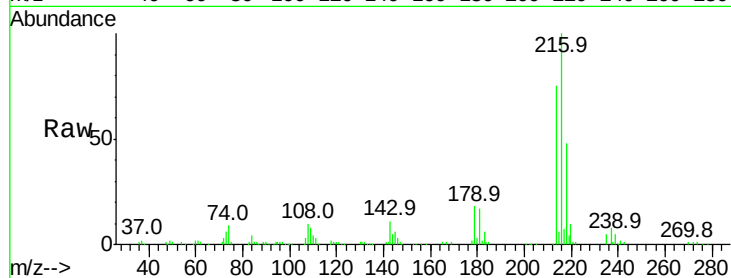




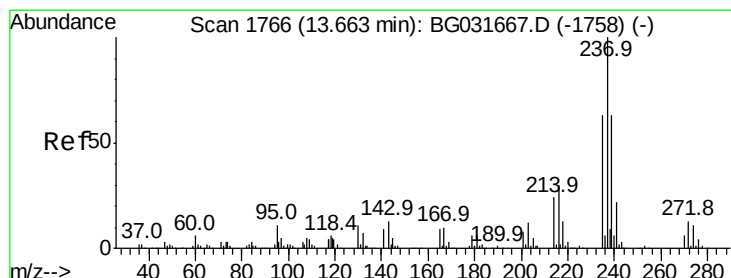
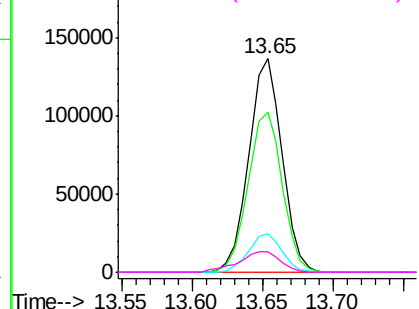
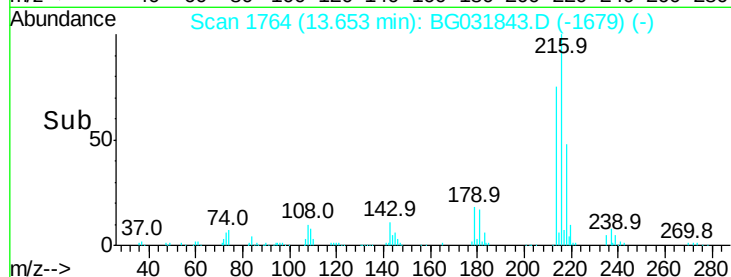
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.118 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216 Resp: 225215
 Ion Ratio Lower Upper
 216 100
 214 77.4 63.0 94.4
 179 18.3 17.0 25.6
 108 12.1 12.8 19.2#

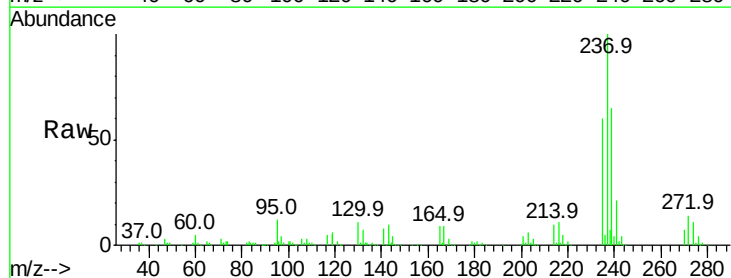


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

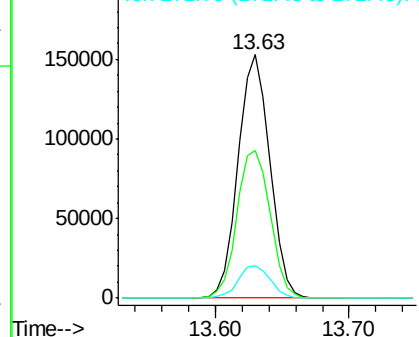
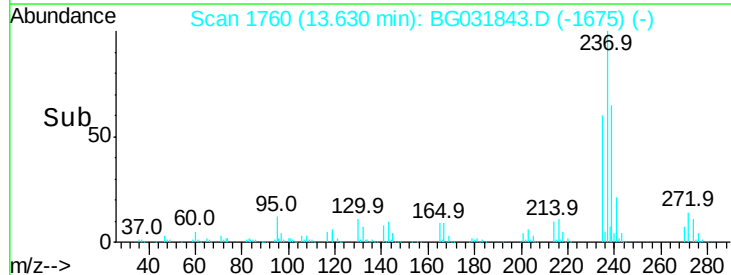


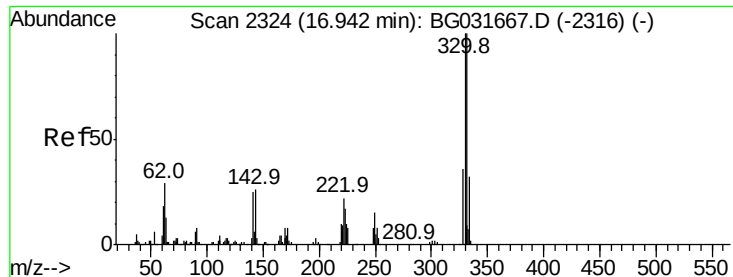
#40
 Hexachlorocyclopentadiene
 Concen: 76.706 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:237 Resp: 252325
 Ion Ratio Lower Upper
 237 100
 235 60.5 50.4 90.4
 272 13.5 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

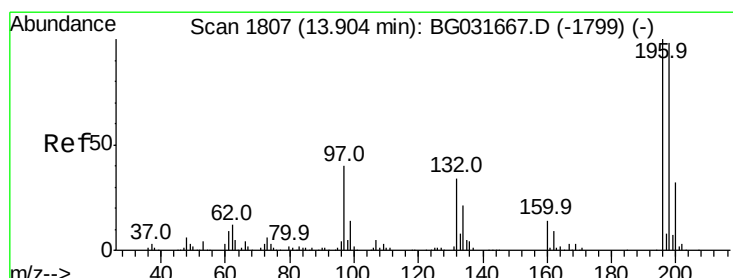
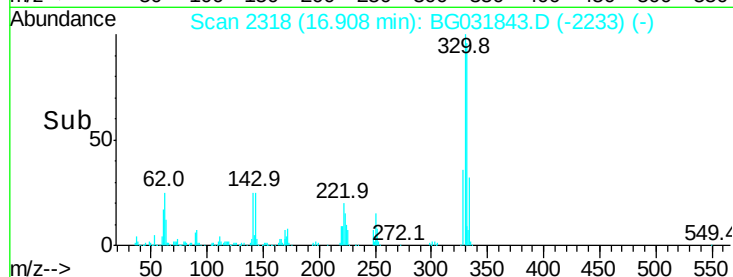
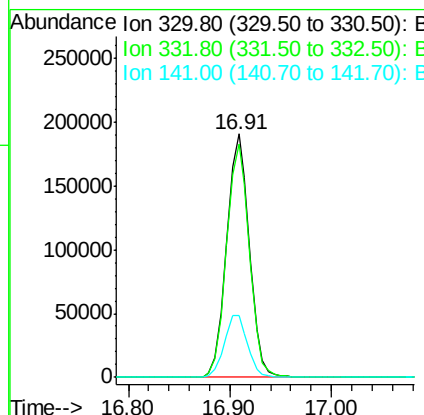
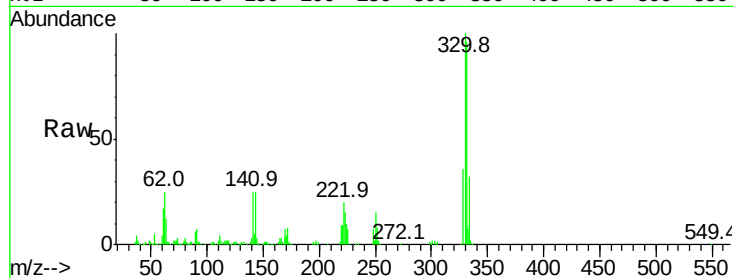




#41
 2,4,6-Tribromophenol
 Concen: 131.044 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

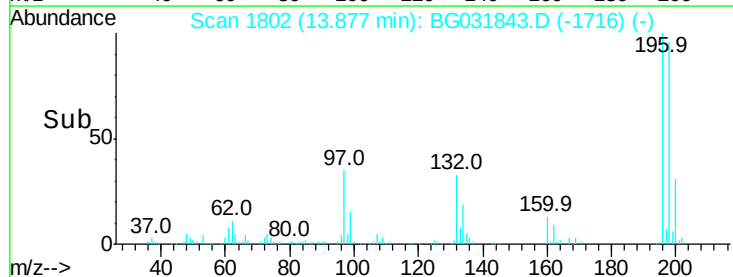
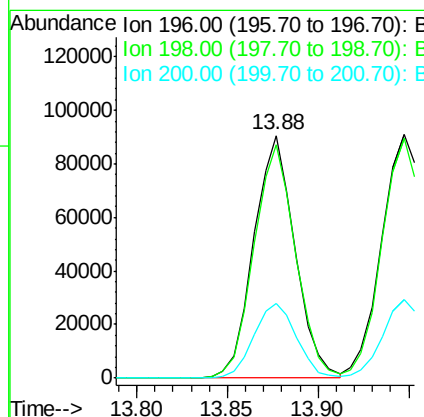
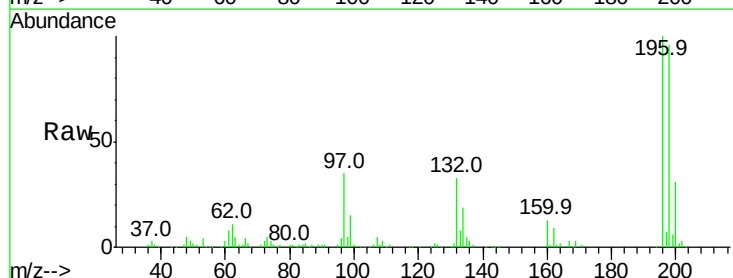
Instrument :
 BNA_G
 ClientSampled :

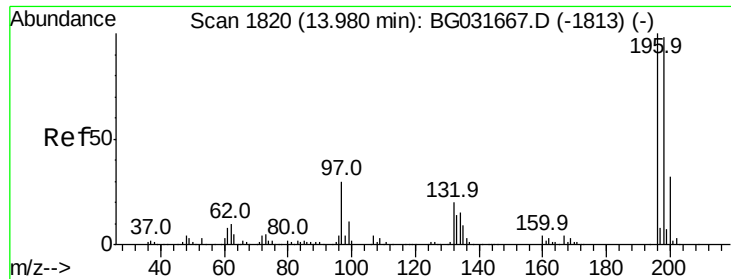
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.0	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 39.986 ng
 RT: 13.88 min Scan# 1802
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.2	117.2
200	30.5	24.6	36.8

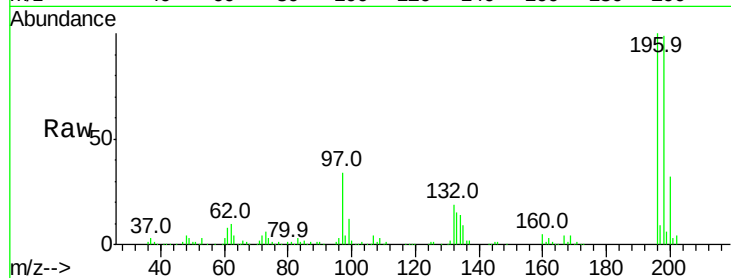




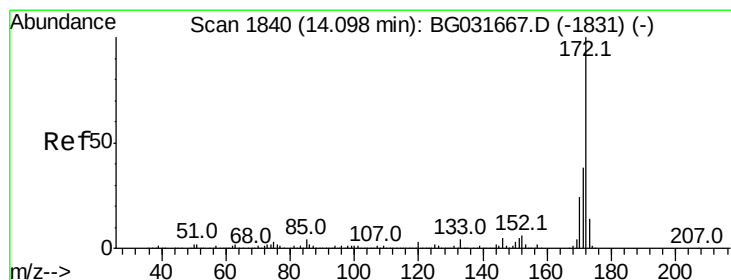
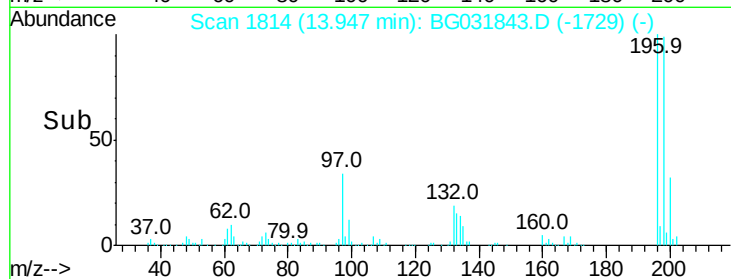
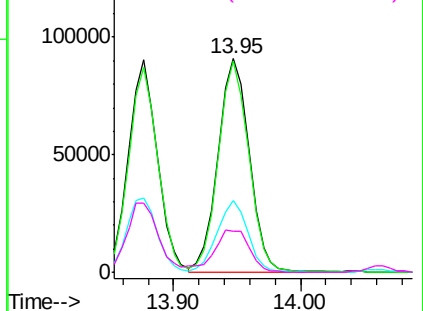
#43
 2,4,5-Trichlorophenol
 Concen: 39.024 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.2	114.4
97	33.7	38.7	58.1#
132	19.5	20.2	30.2#



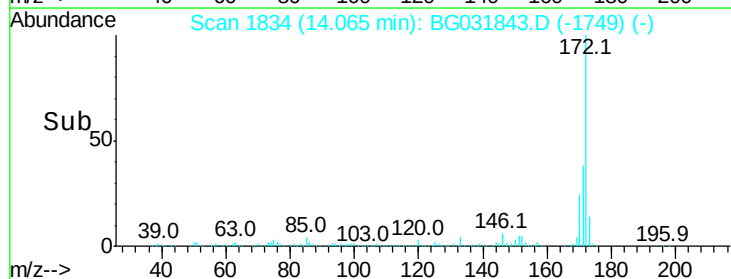
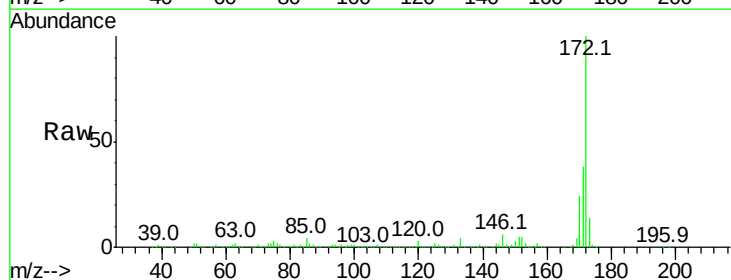
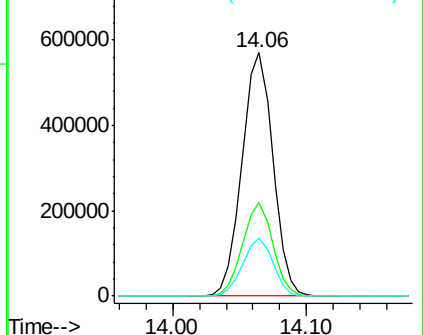
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

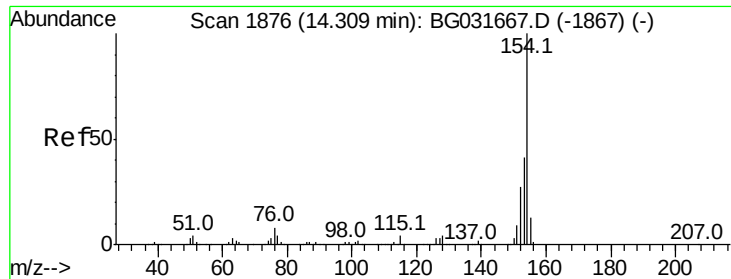


#44
 2-Fluorobiphenyl
 Concen: 77.407 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.7	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: 36.598 ng

RT: 14.28 min Scan# 1870

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

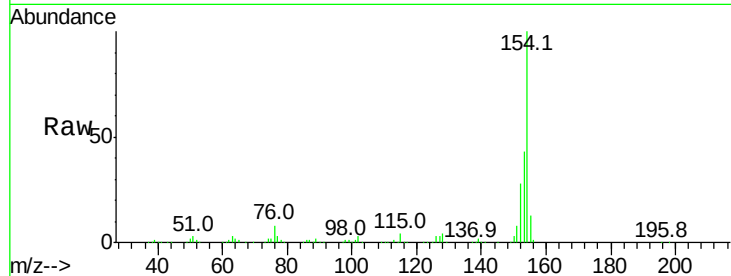
Tot Ion:154 Resp: 462745

Ion Ratio Lower Upper

154 100

153 43.3 19.8 59.8

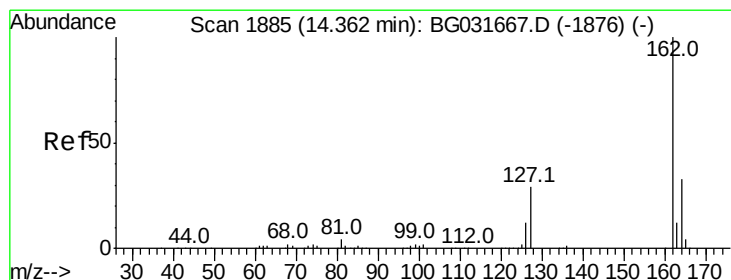
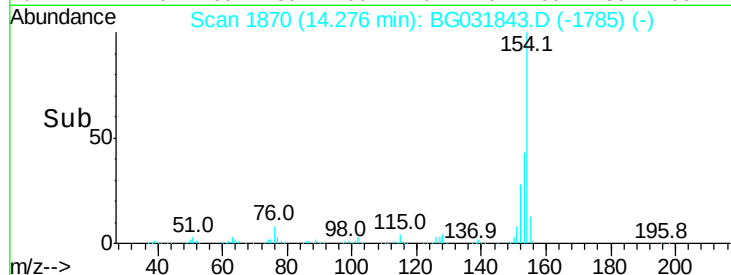
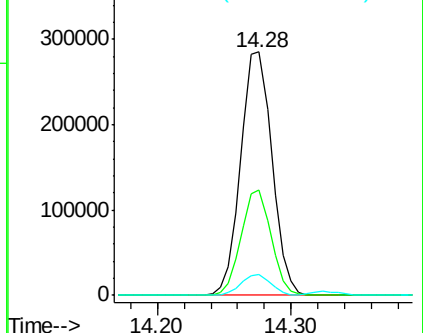
76 8.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 35.921 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

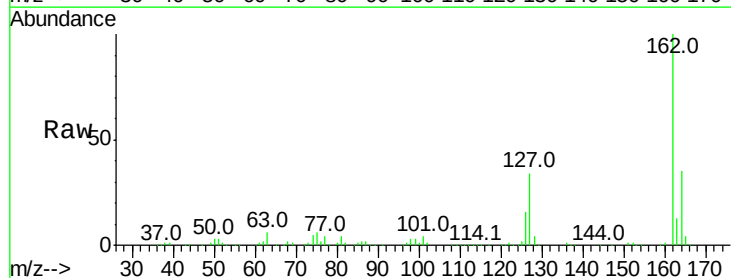
Tgt Ion:162 Resp: 346433

Ion Ratio Lower Upper

162 100

127 33.6 30.7 46.1

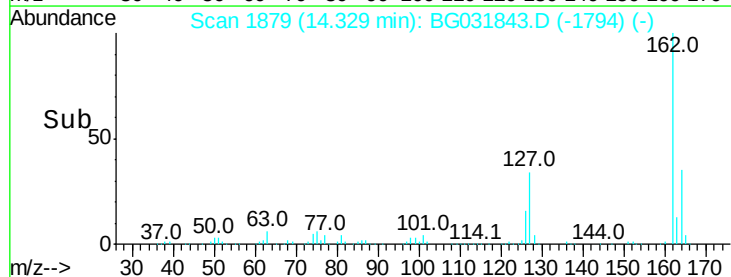
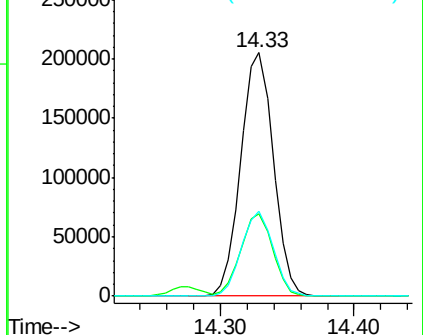
164 34.6 26.0 39.0

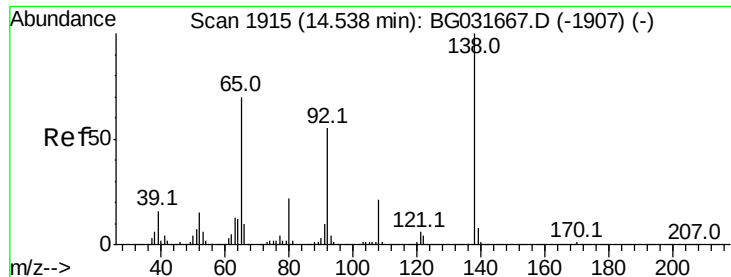


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.241 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

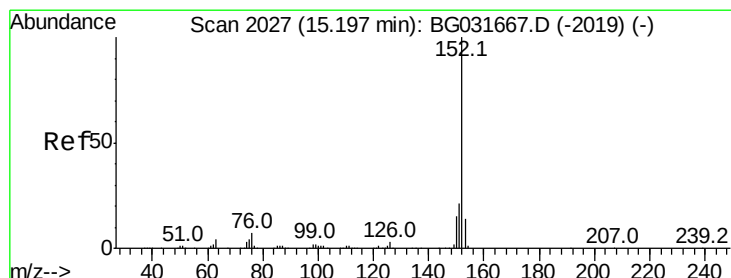
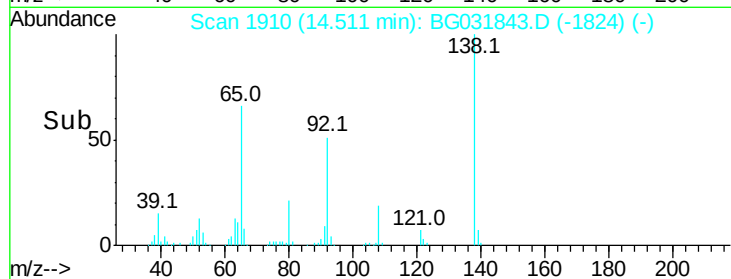
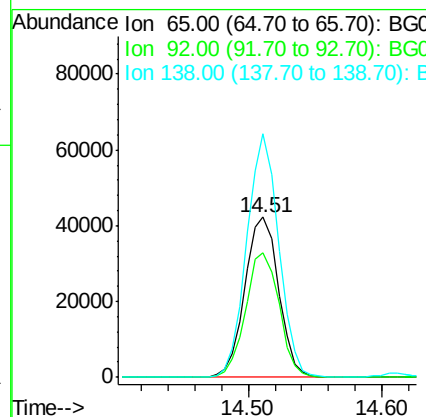
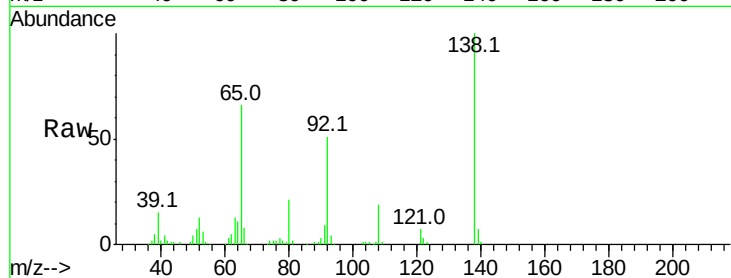
Tot Ion: 65 Resp: 73690

Ion Ratio Lower Upper

65 100

92 77.7 54.6 82.0

138 152.3 72.9 109.3#



#48

Acenaphthylene

Concen: 33.897 ng

RT: 15.16 min Scan# 2021

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

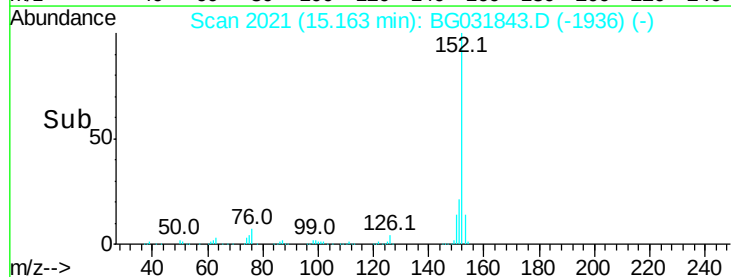
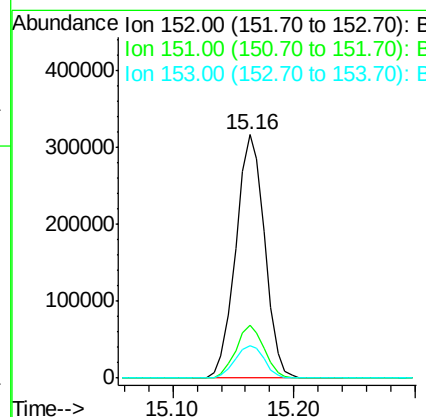
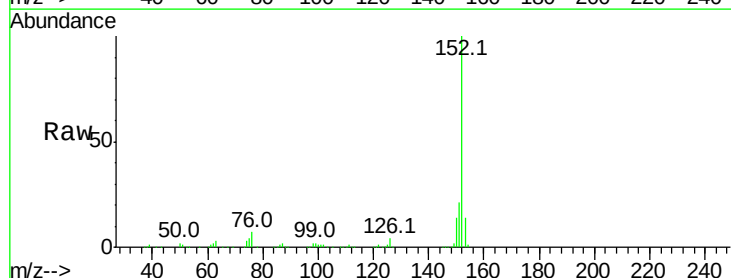
Tgt Ion: 152 Resp: 523008

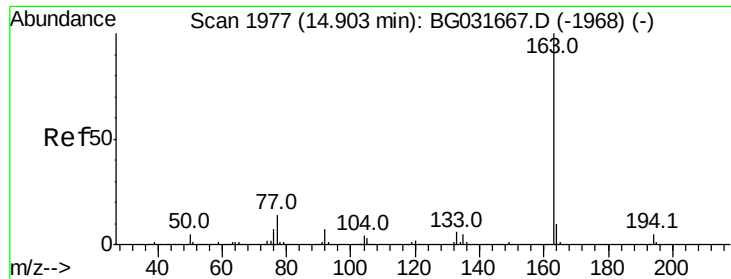
Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

153 13.6 10.2 15.4

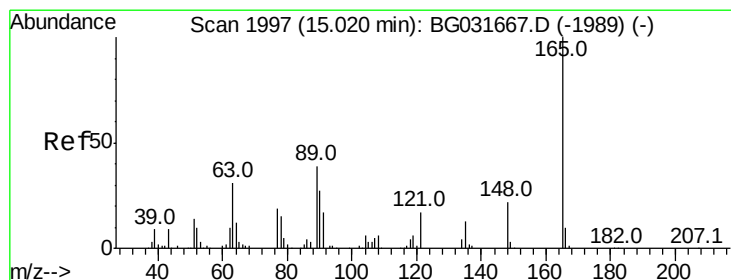
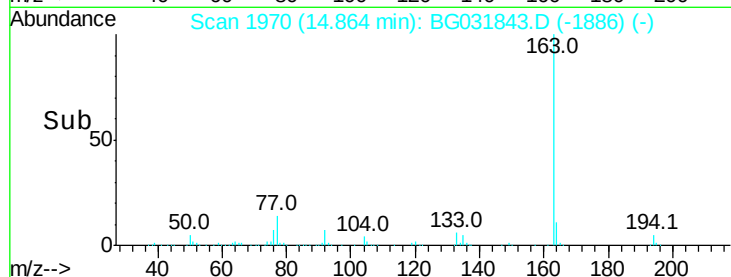
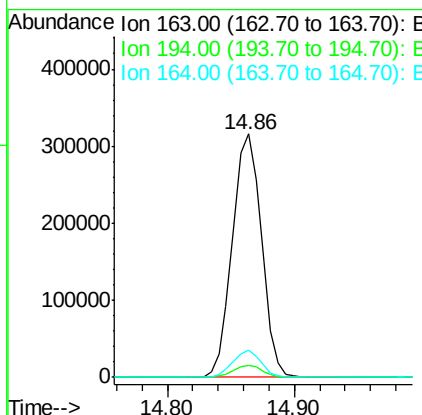
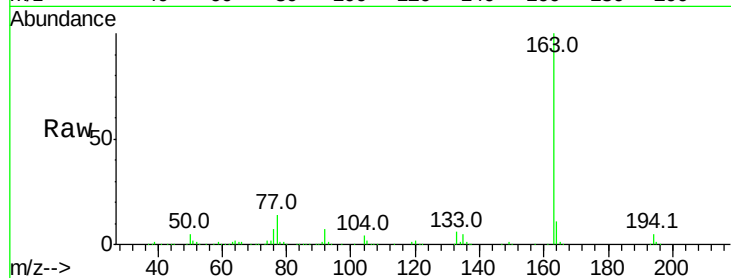




#49
 Dimethylphthalate
 Concen: 38.367 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

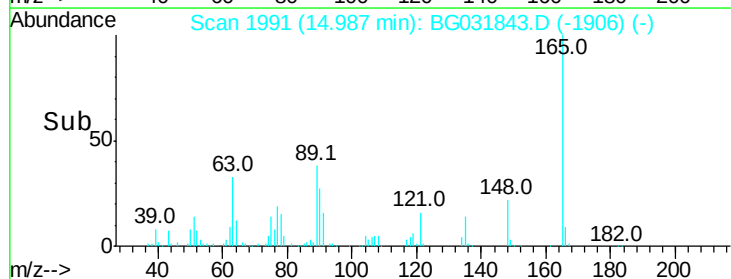
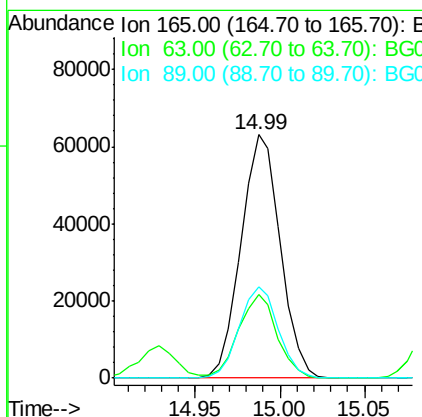
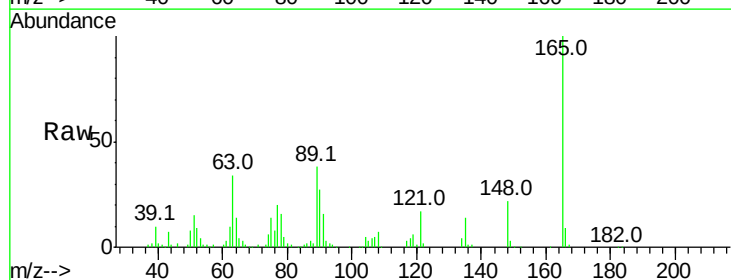
Instrument :
 BNA_G
 ClientSampleId :

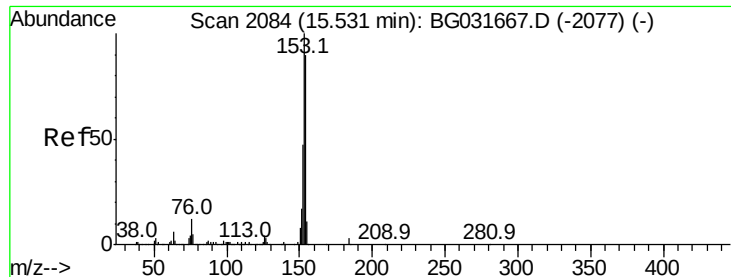
Tot Ion:163 Resp: 500374
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.4 5.2
 164 11.0 8.2 12.4



#50
 2,6-Dinitrotoluene
 Concen: 42.444 ng
 RT: 14.99 min Scan# 1991
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:165 Resp: 101831
 Ion Ratio Lower Upper
 165 100
 63 34.5 52.7 79.1#
 89 37.7 49.2 73.8#





#51

Acenaphthene

Concen: 33.503 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

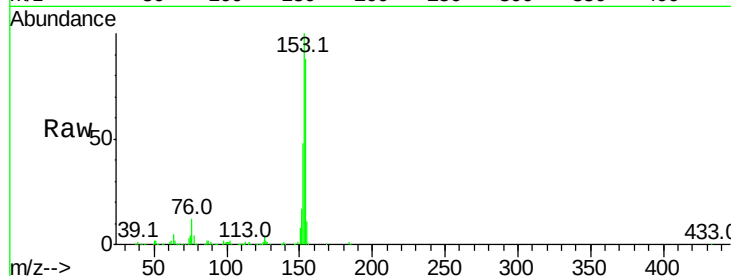
Tot Ion:154 Resp: 338542

Ion Ratio Lower Upper

154 100

153 113.1 90.4 135.6

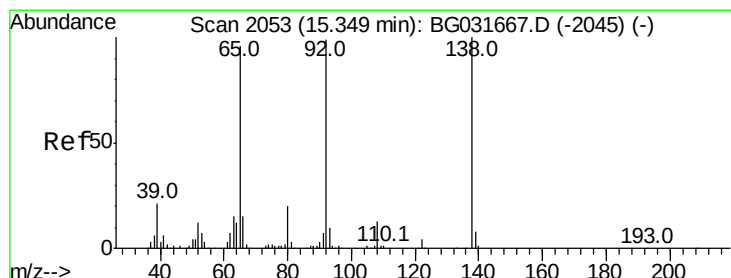
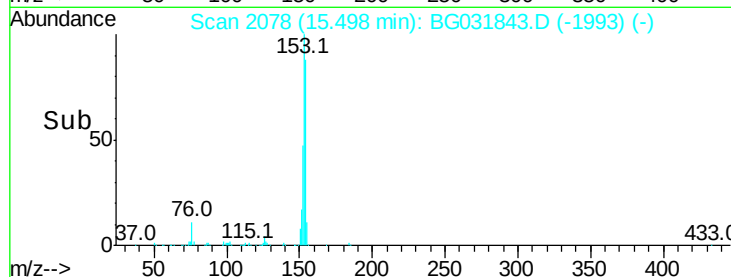
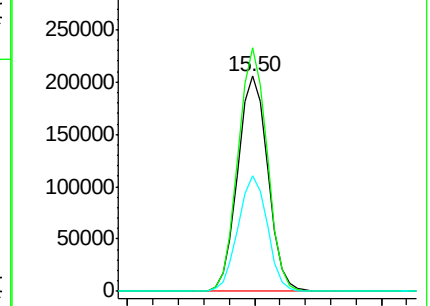
152 53.7 41.6 62.4



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: 31.584 ng

RT: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

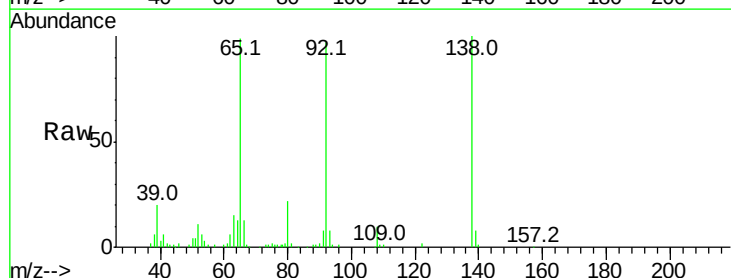
Tgt Ion:138 Resp: 73929

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

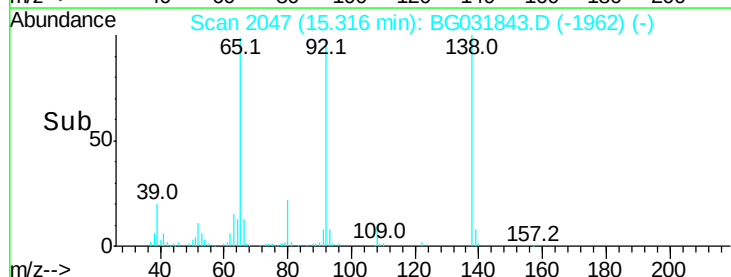
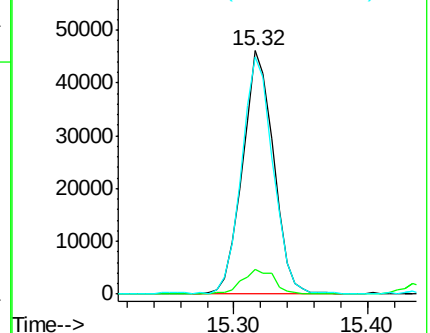
92 97.4 105.8 158.8#

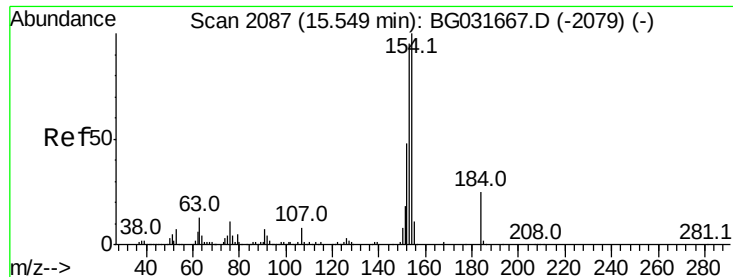


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

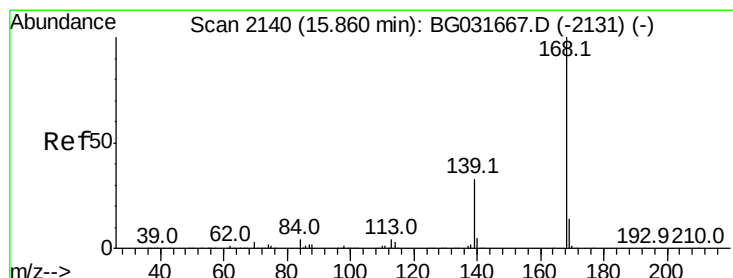
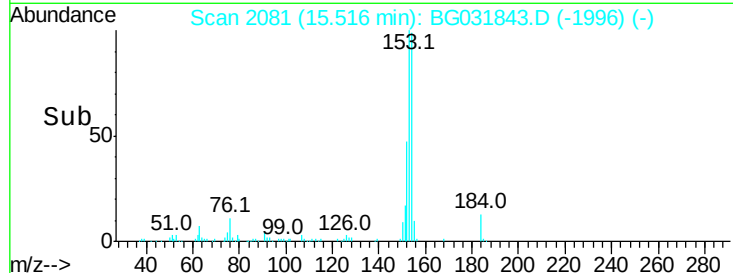
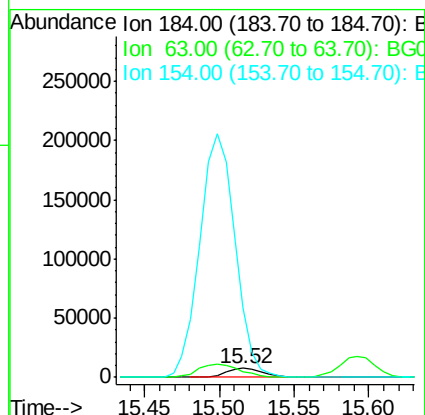
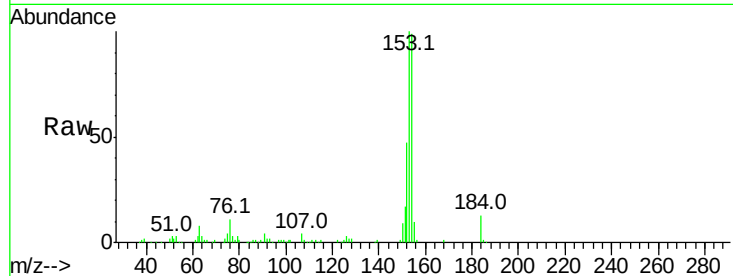




#53
 2,4-Dinitrophenol
 Concen: 20.572 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

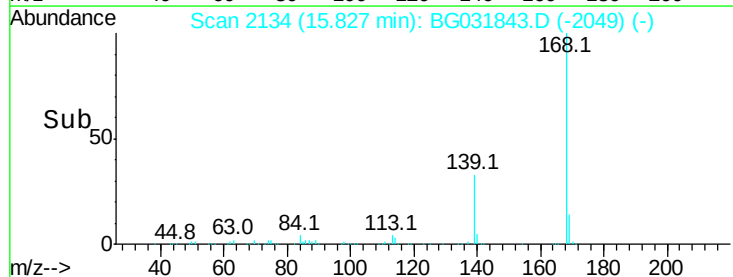
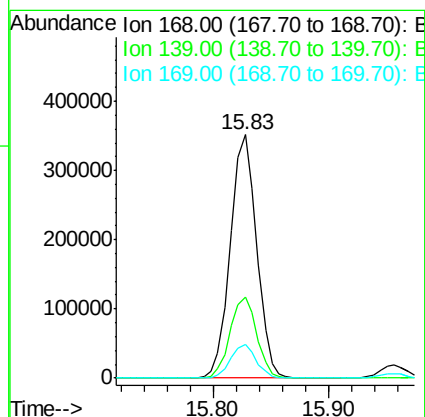
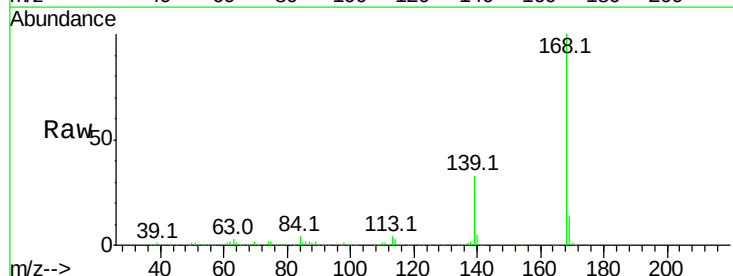
Instrument :
 BNA_G
 ClientSampled :

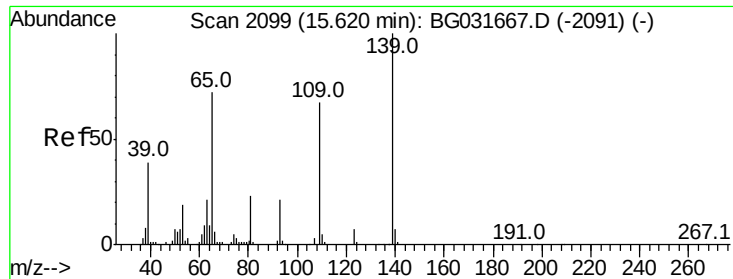
Tot Ion:184 Resp: 14579
 Ion Ratio Lower Upper
 184 100
 63 59.9 59.8 89.8
 154 763.3 101.8 152.8#



#54
 Dibenzofuran
 Concen: 35.774 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:168 Resp: 554133
 Ion Ratio Lower Upper
 168 100
 139 33.4 28.6 43.0
 169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 76.316 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

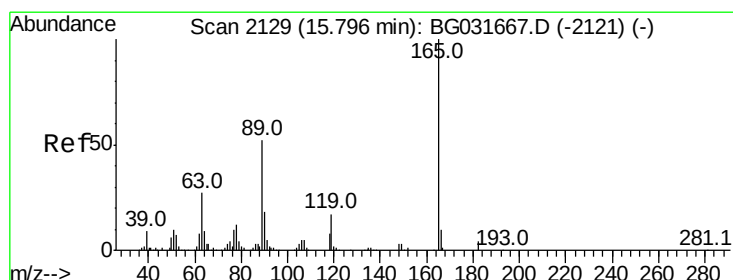
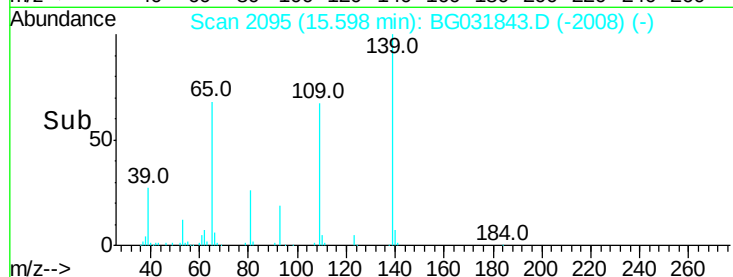
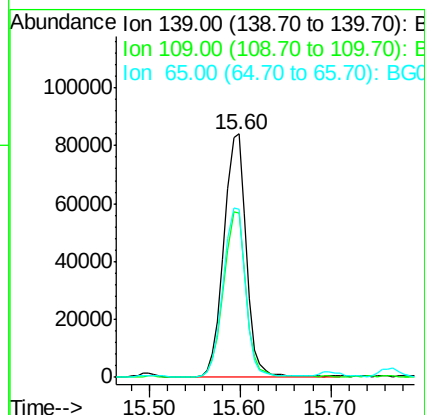
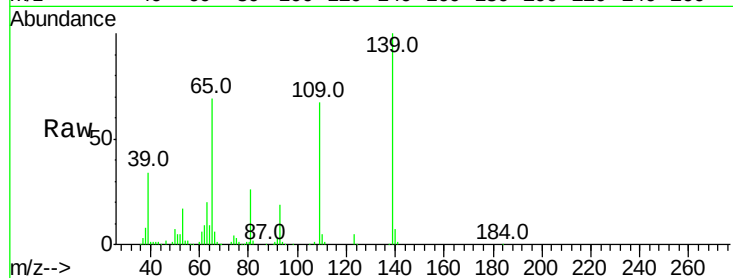
Tot Ion:139 Resp: 145392

Ion Ratio Lower Upper

139 100

109 67.3 62.2 102.2

65 69.0 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 45.823 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Tgt Ion:165 Resp: 141365

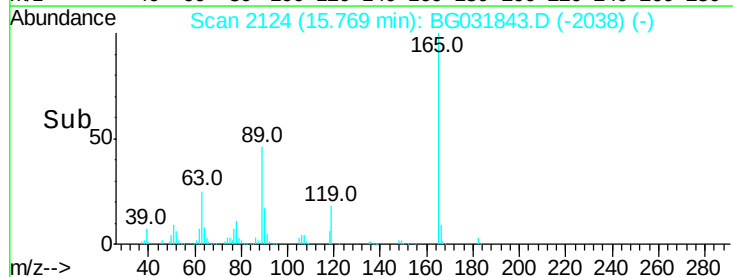
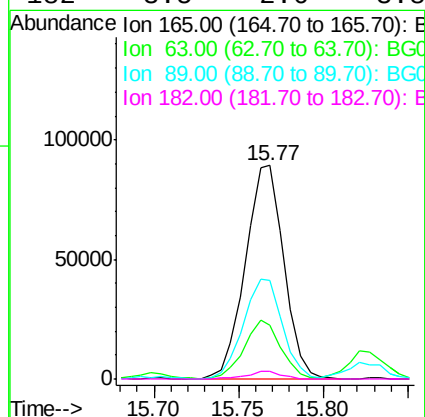
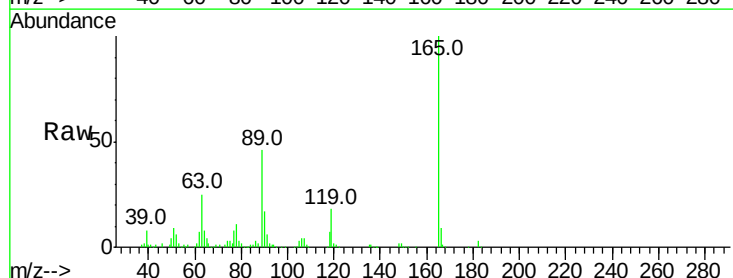
Ion Ratio Lower Upper

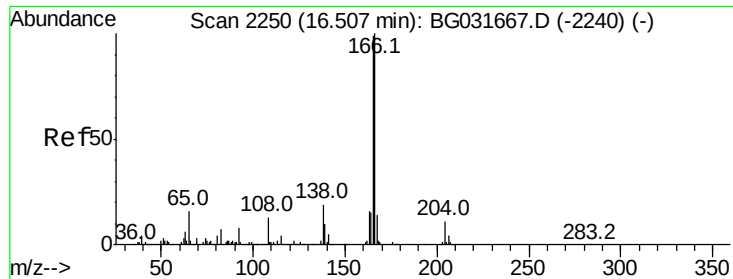
165 100

63 25.2 42.0 63.0#

89 46.3 66.9 100.3#

182 3.5 2.6 3.8

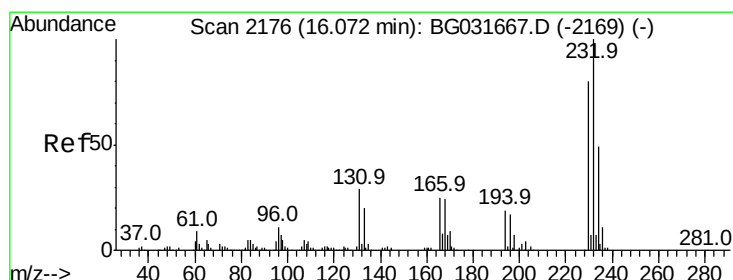
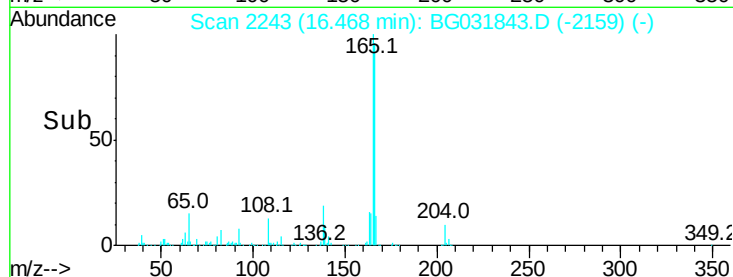
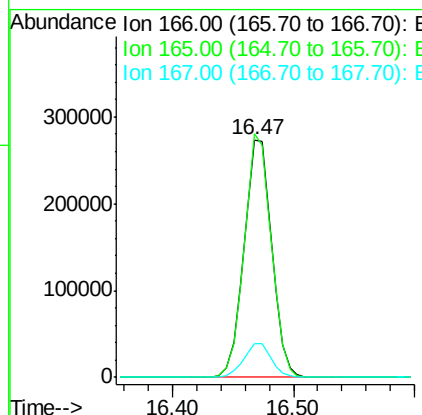
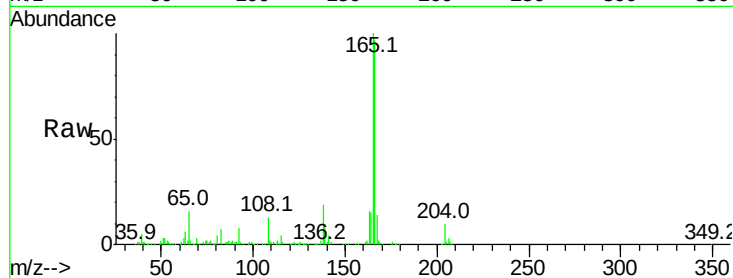




#57
 Fluorene
 Concen: 34.843 ng
 RT: 16.47 min Scan# 2243
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

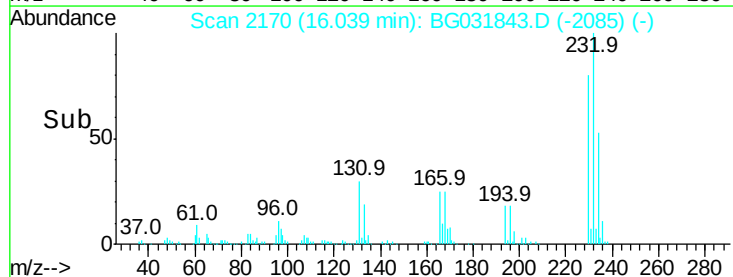
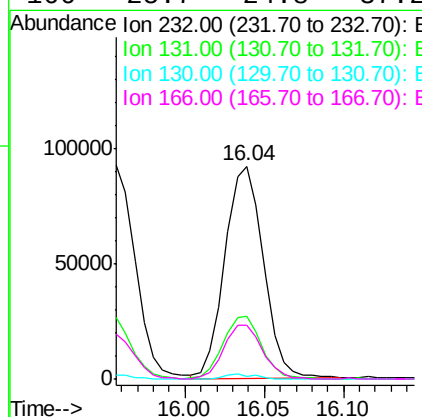
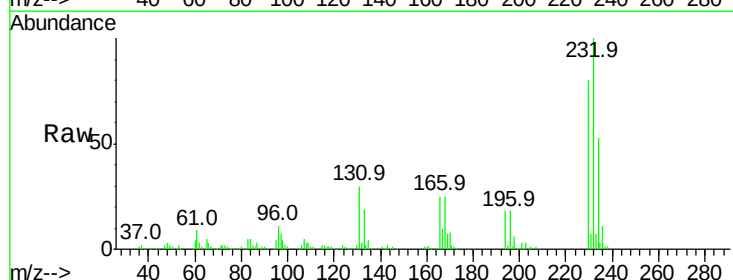
Instrument :
 BNA_G
 ClientSampleId :

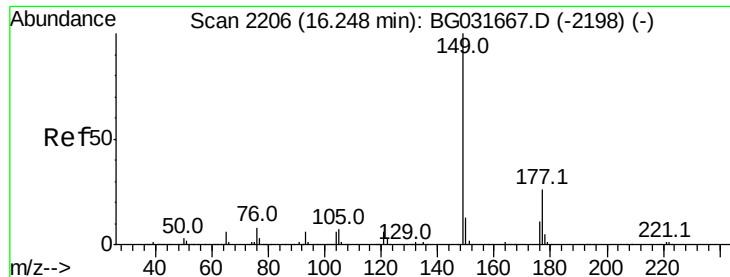
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.6	80.6	121.0
167	14.4	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.847 ng
 RT: 16.04 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.5	33.5	50.3#
130	1.8	2.2	3.2#
166	25.7	24.8	37.2

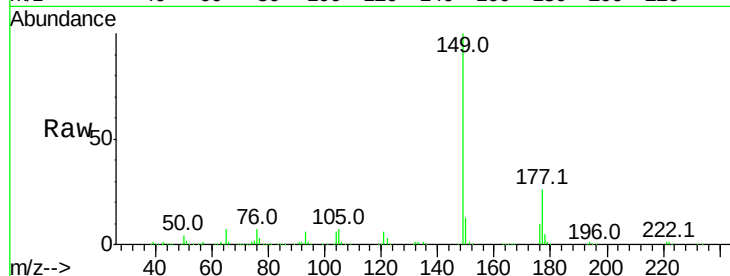




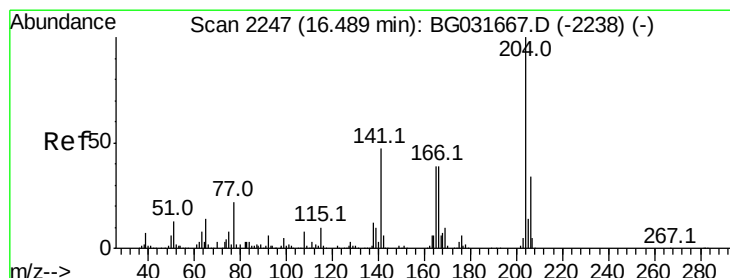
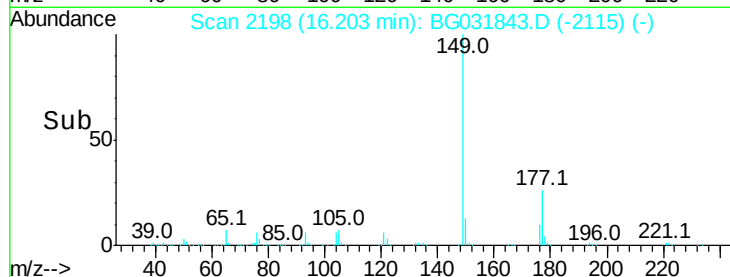
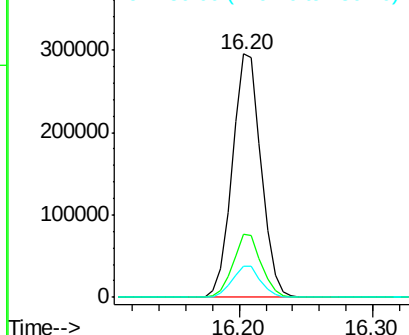
#59
Diethylphthalate
Concen: 34.718 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.7	18.5	27.7
150	12.8	10.2	15.2

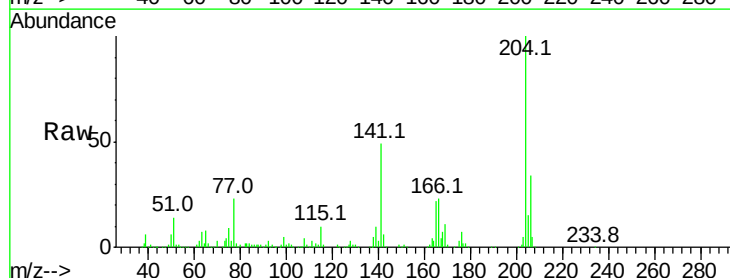


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

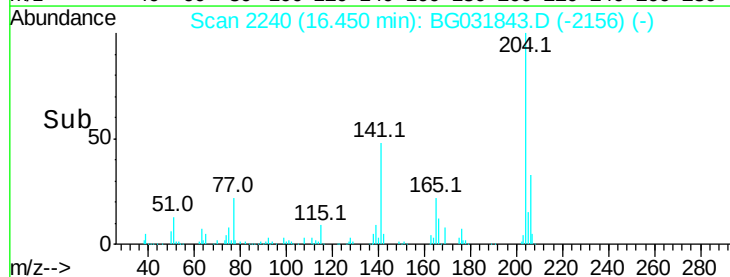
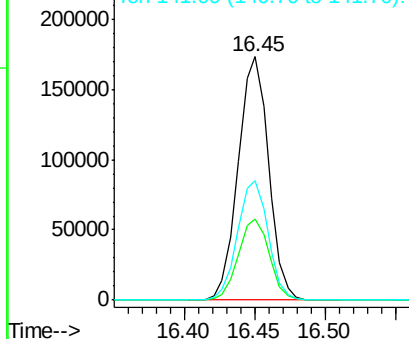


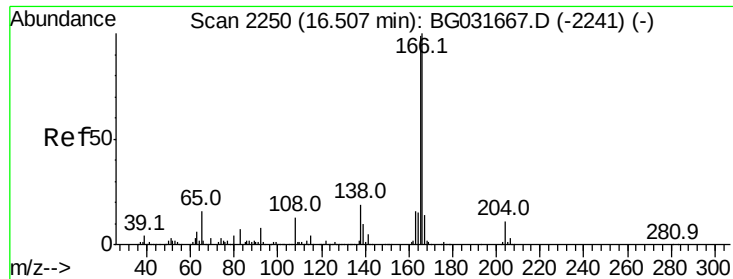
#60
4-Chlorophenyl-phenylether
Concen: 33.988 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.04 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.2	39.2
141	49.1	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.935 ng

RT: 16.47 min Scan# 2244

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

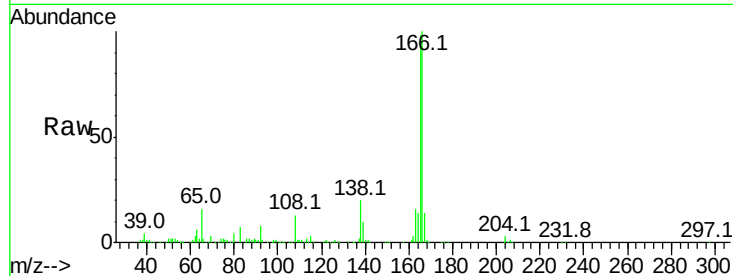
Tot Ion:138 Resp: 93504

Ion Ratio Lower Upper

138 100

92 41.1 40.1 80.1

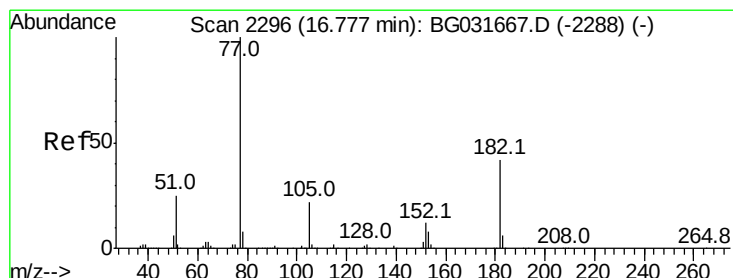
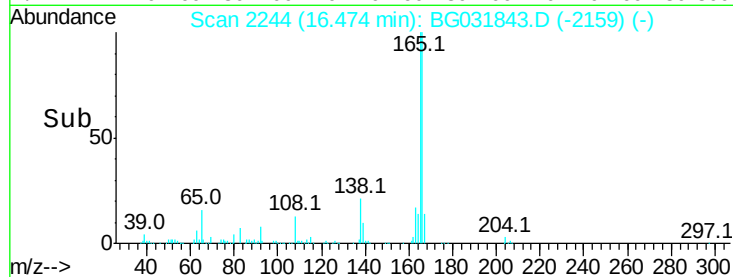
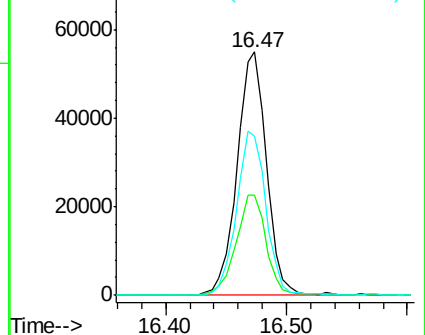
108 65.3 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.947 ng

RT: 16.74 min Scan# 2290

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Tgt Ion: 77 Resp: 284885

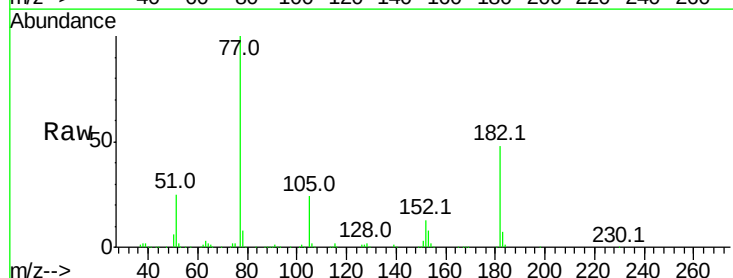
Ion Ratio Lower Upper

77 100

182 47.7 7.4 47.4#

105 23.6 0.3 40.3

51 25.4 11.6 51.6

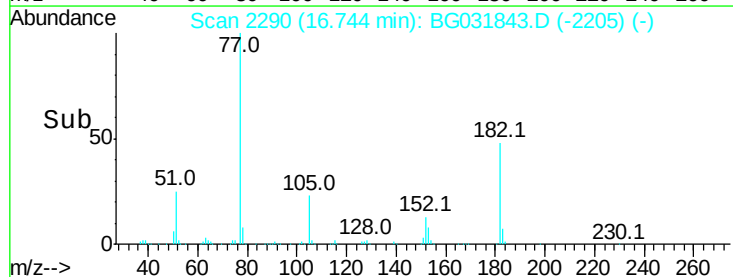
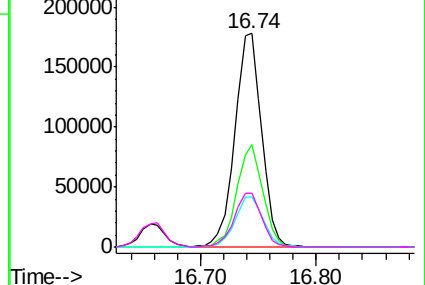


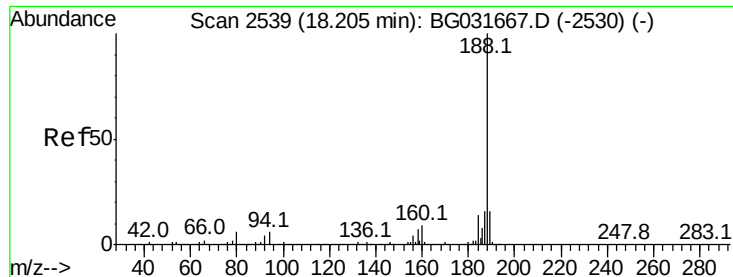
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

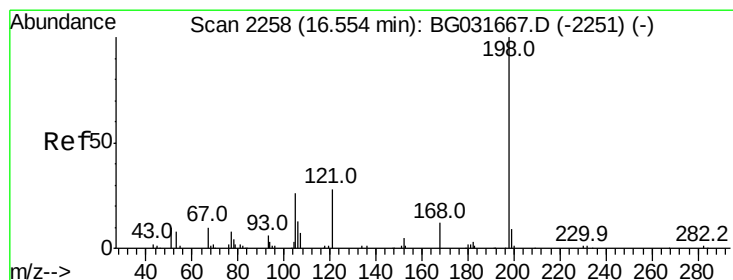
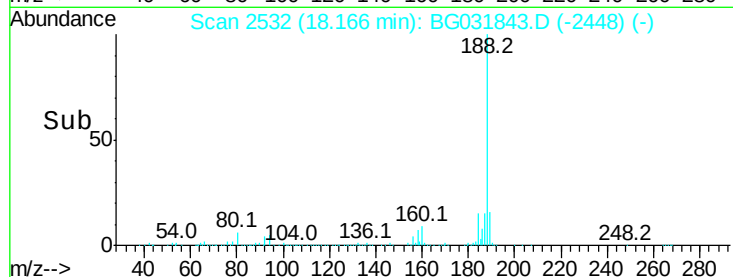
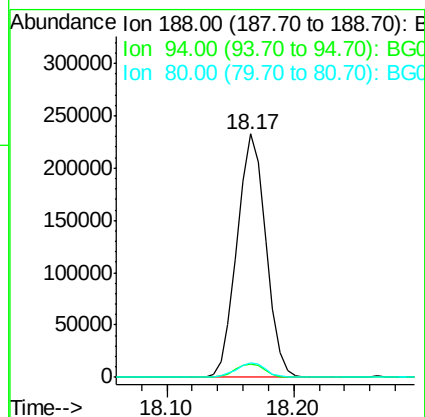
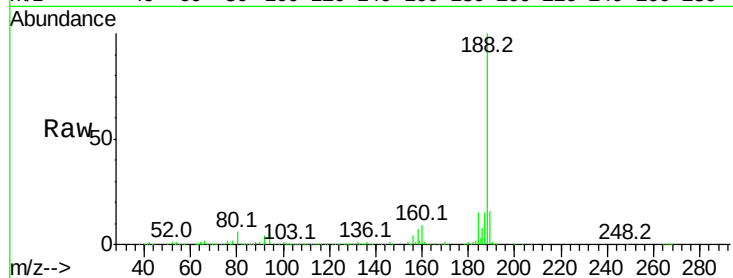




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

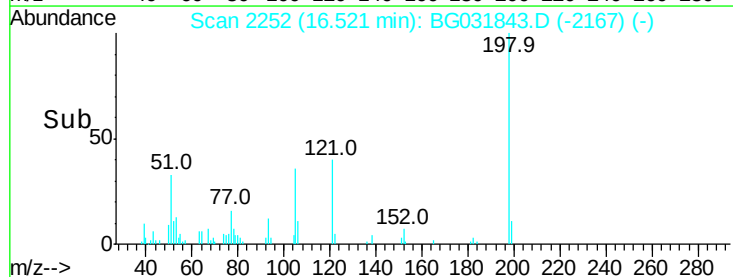
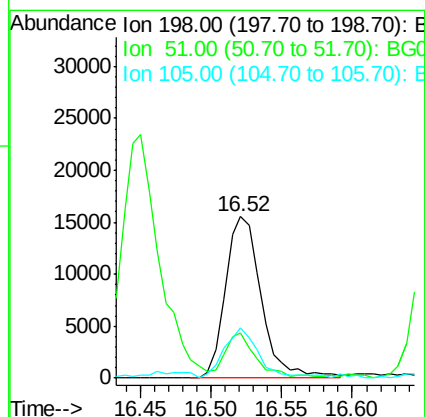
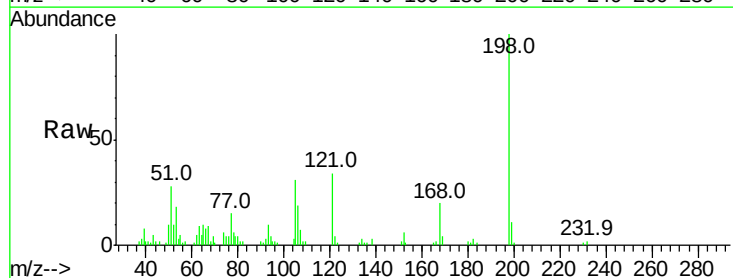
Instrument :
 BNA_G
 ClientSampleId :

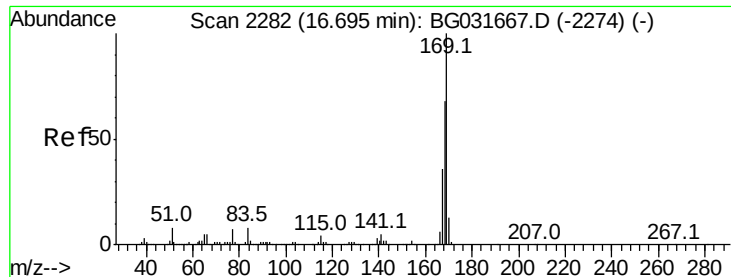
Tot Ion:188 Resp: 366214
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 6.2 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.064 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:198 Resp: 27486
 Ion Ratio Lower Upper
 198 100
 51 28.0 30.6 70.6#
 105 31.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 33.489 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

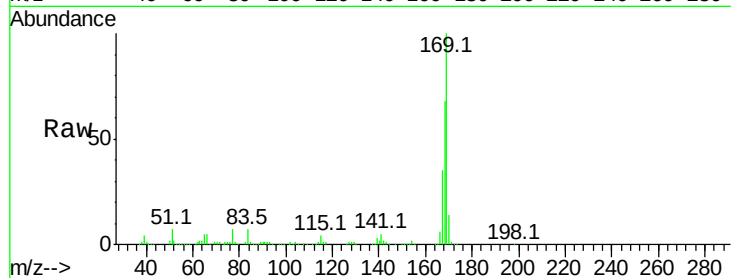
Tot Ion:169 Resp: 407326

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

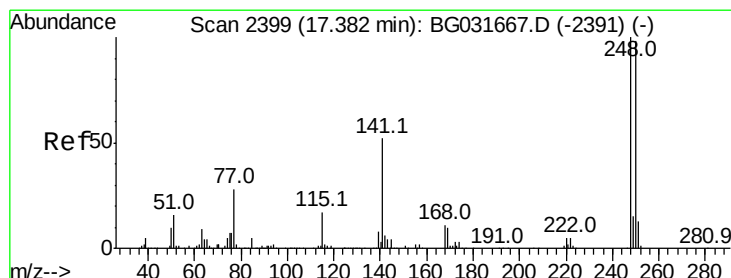
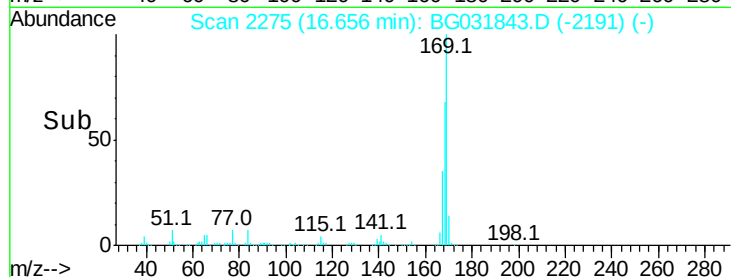
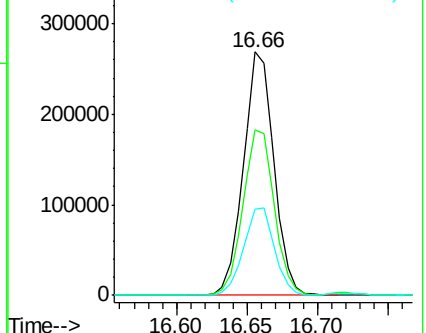
167 35.5 30.1 45.1



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: 36.520 ng

RT: 17.34 min Scan# 2392

Delta R.T. -0.04 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

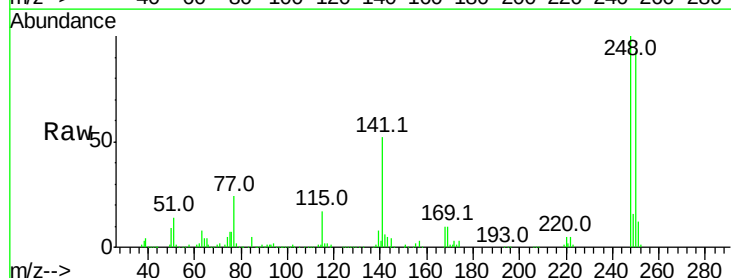
Tgt Ion:248 Resp: 193396

Ion Ratio Lower Upper

248 100

250 93.3 77.1 115.7

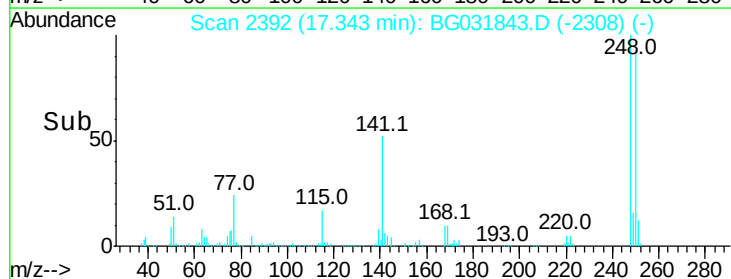
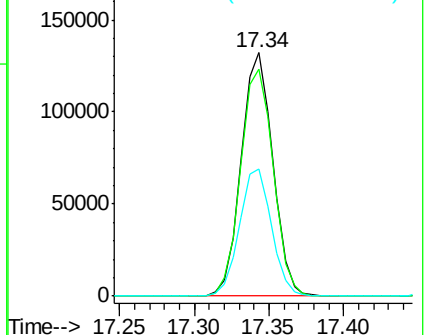
141 52.1 50.8 76.2

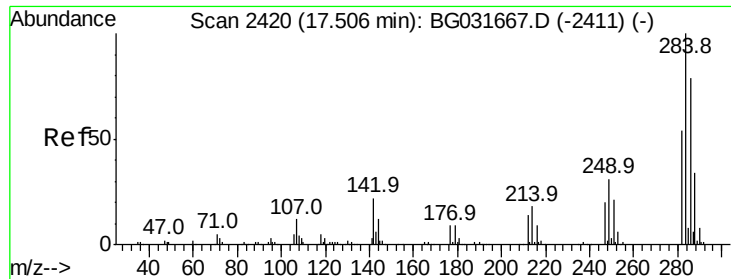


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

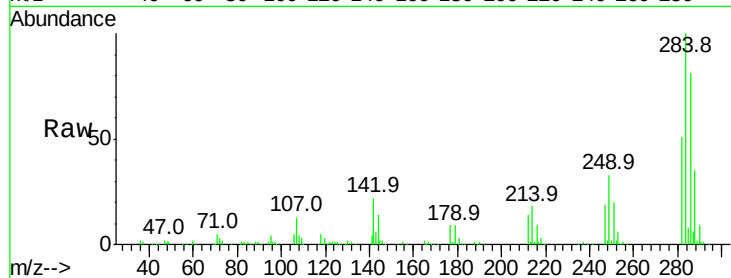




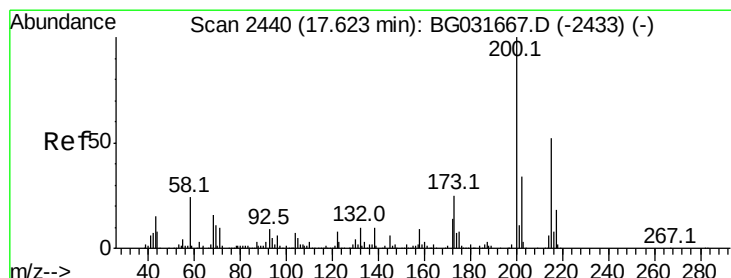
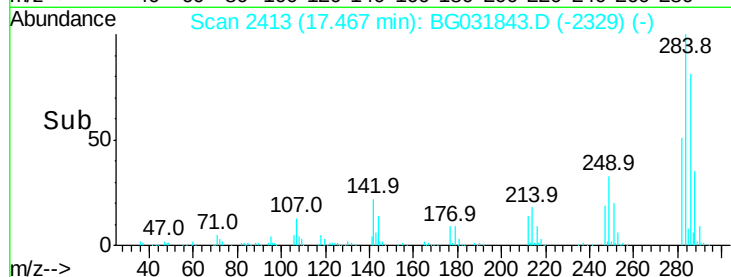
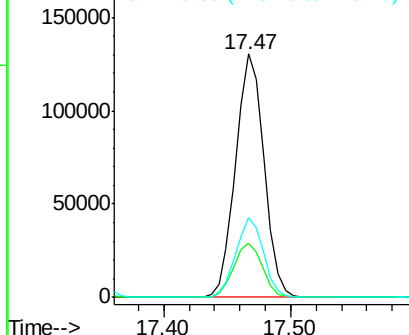
#67
Hexachlorobenzene
Concen: 37.277 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.5	26.8	40.2#
249	32.7	26.3	39.5

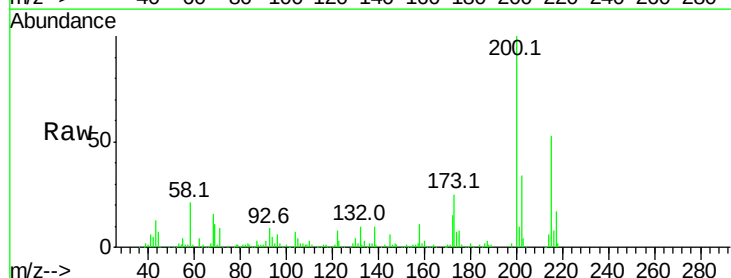


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

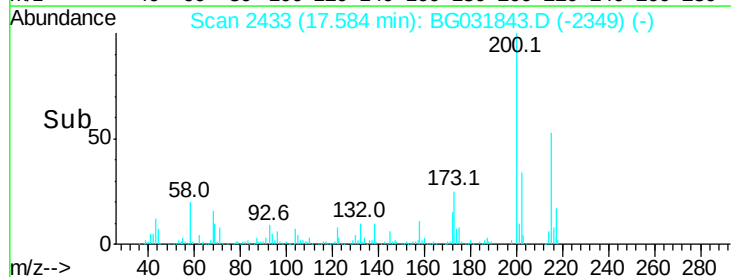
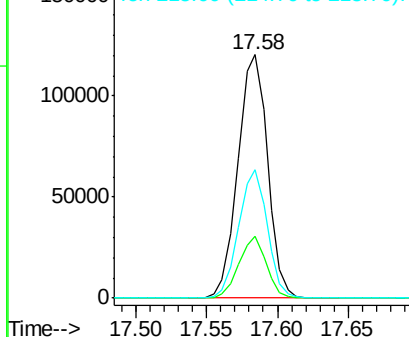


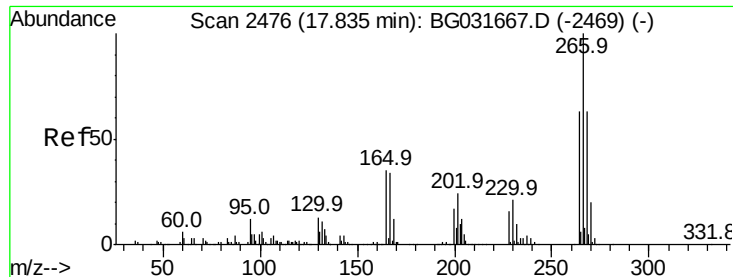
#68
Atrazine
Concen: 37.490 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.2	45.2
215	52.5	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

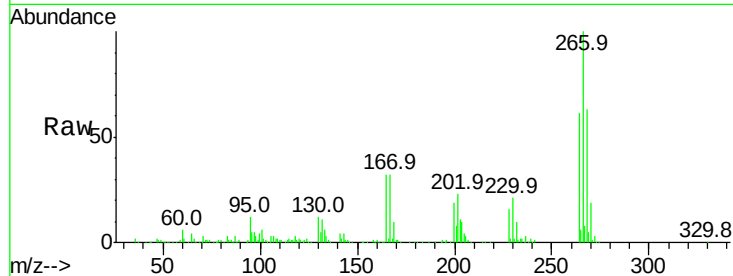




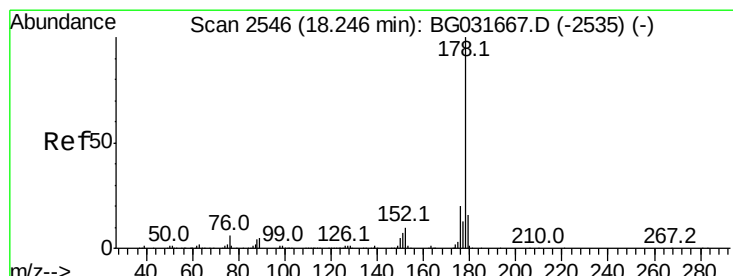
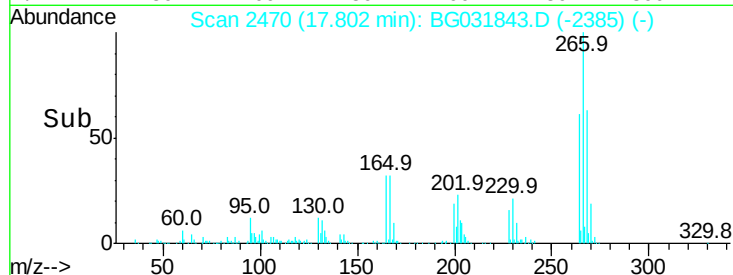
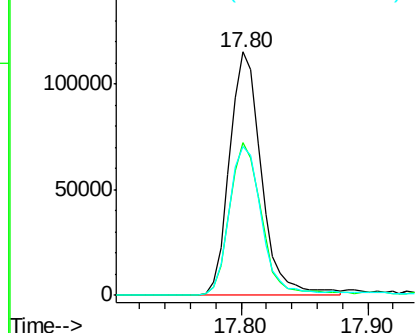
#69
 Pentachlorophenol
 Concen: 53.840 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	266	Resp:	200477
Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	61.0	49.6	74.4

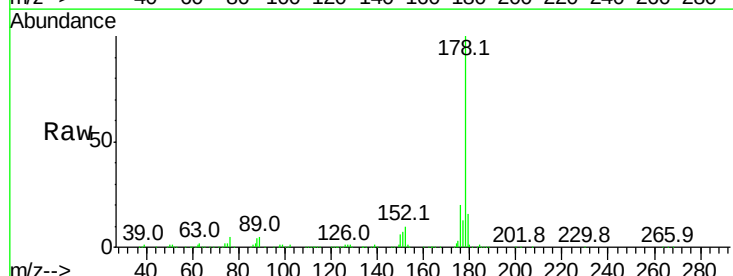


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

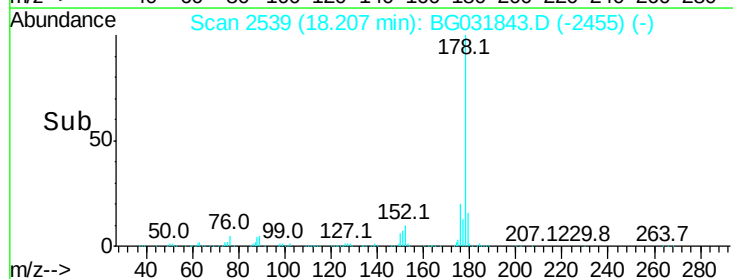
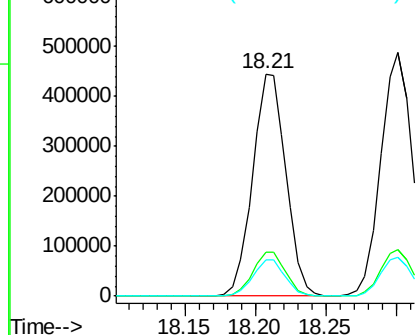


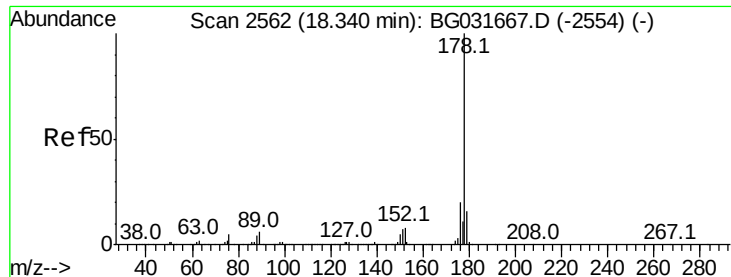
#70
 Phenanthrene
 Concen: 35.558 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:	178	Resp:	736943
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	16.3	12.5	18.7



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

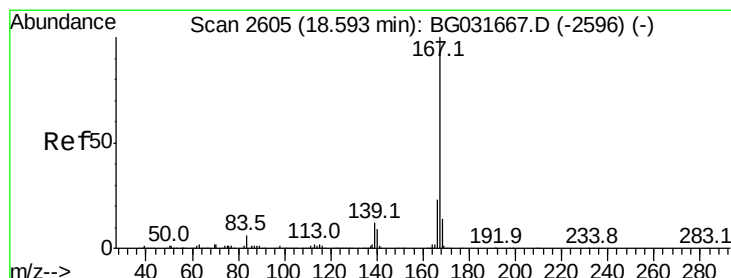
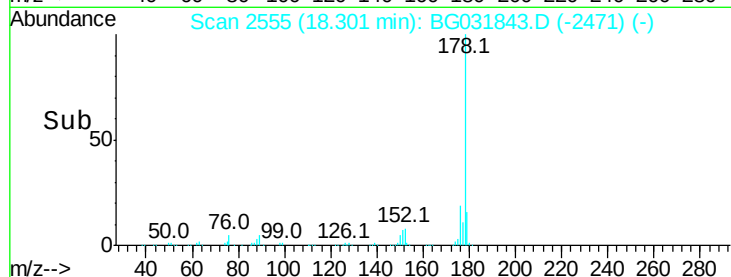
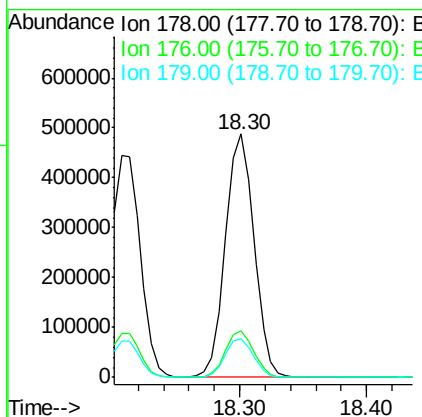
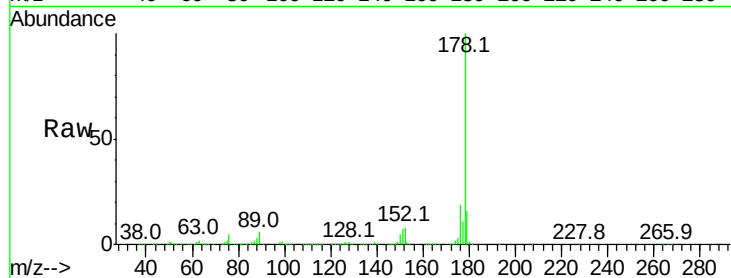




#71
 Anthracene
 Concen: 36.453 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

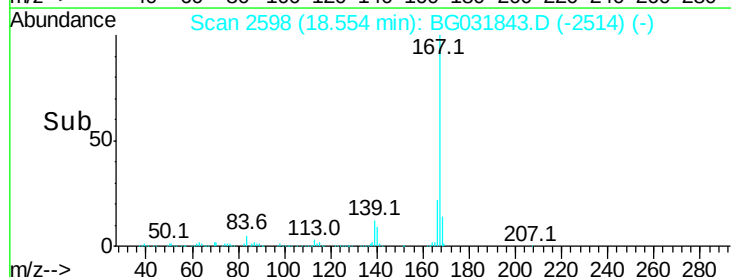
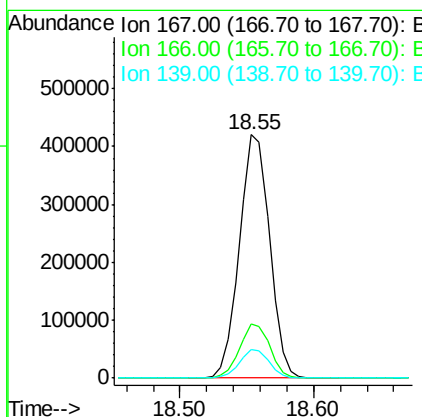
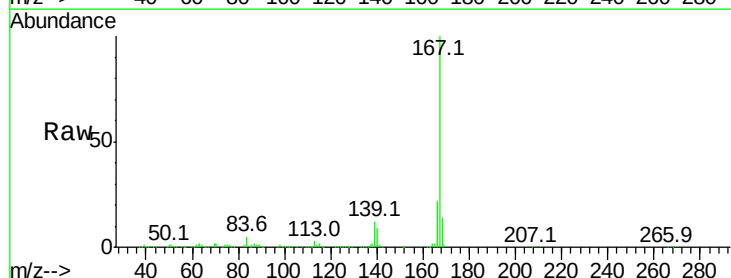
Instrument :
 BNA_G
 ClientSampleId :

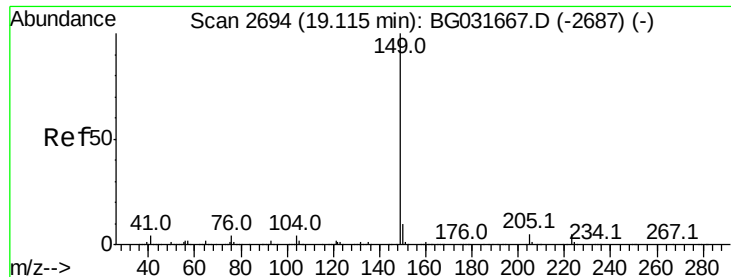
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.8	12.5	18.7



#72
 Carbazole
 Concen: 35.592 ng
 RT: 18.55 min Scan# 2598
 Delta R.T. -0.04 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	11.6	9.4	14.2

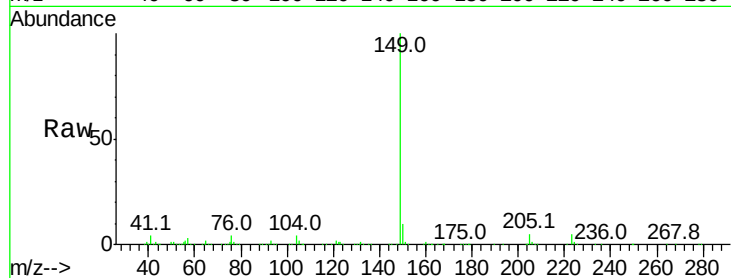




#73
Di-n-butylphthalate
Concen: 35.846 ng
RT: 19.06 min Scan# 2685
Delta R.T. -0.05 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.6
104	4.1	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

19.06

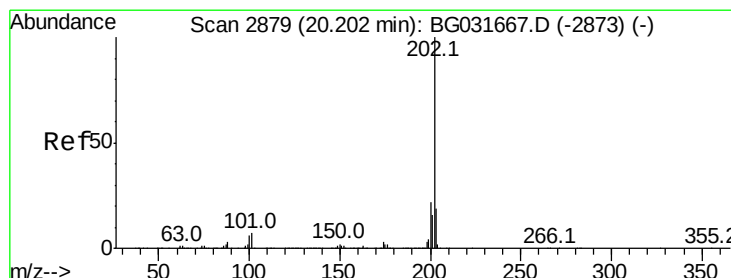
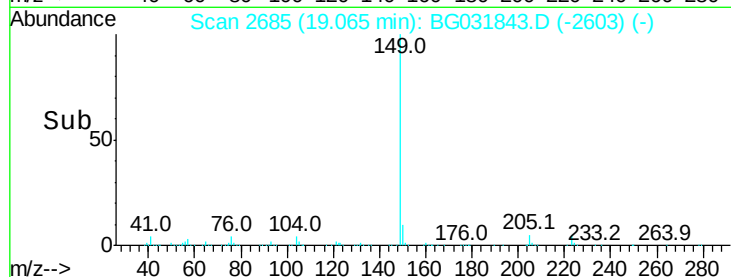
600000

400000

200000

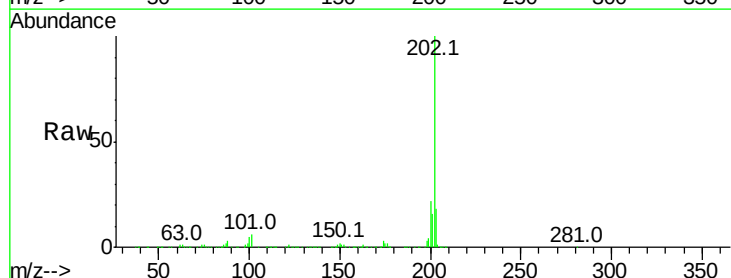
0

Time--> 19.00 19.10



#74
Fluoranthene
Concen: 37.171 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	28.9
203	18.3	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

20.17

800000

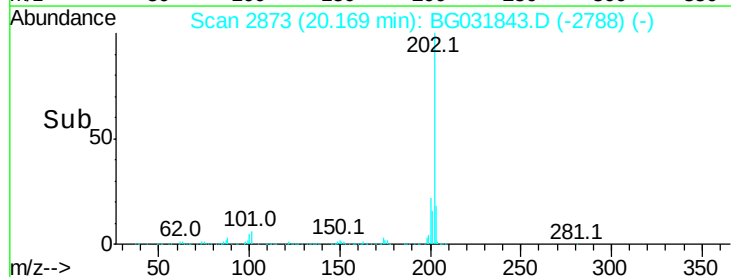
600000

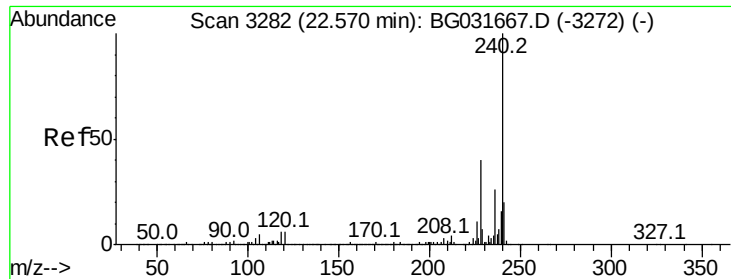
400000

200000

0

Time--> 20.10 20.20





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

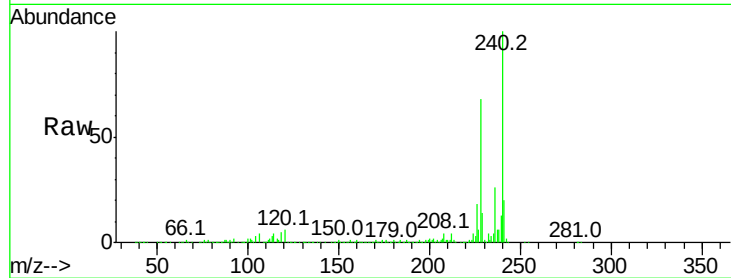
Tot Ion:240 Resp: 425975

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

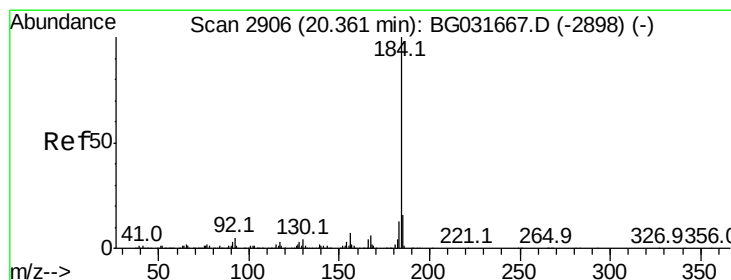
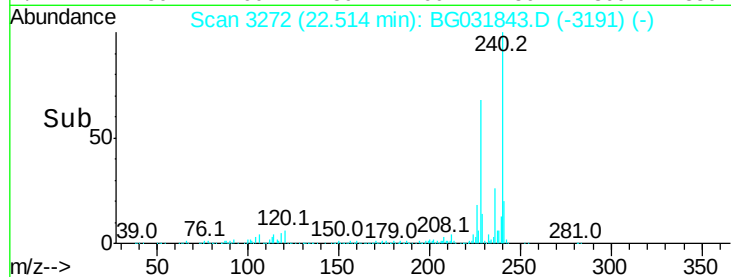
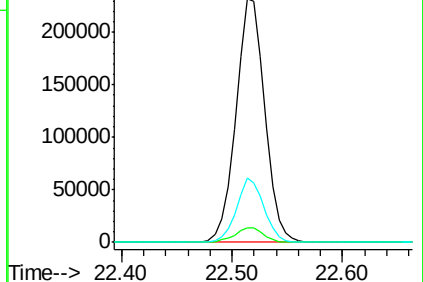
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.601 ng

RT: 20.33 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

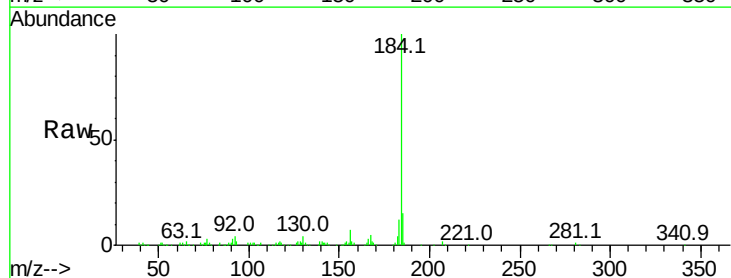
Tgt Ion:184 Resp: 99935

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

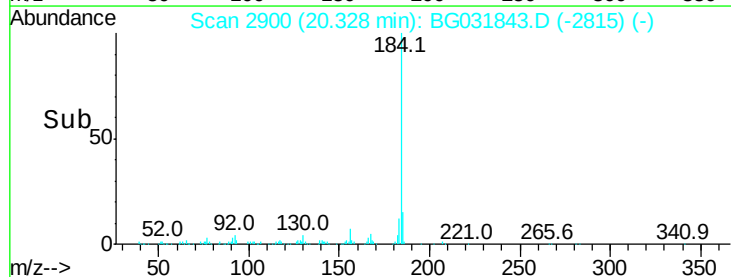
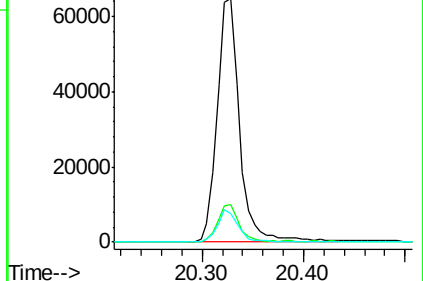
183 11.7 10.6 16.0

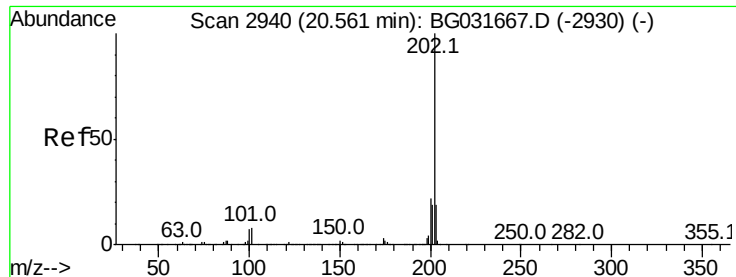


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.174 ng

RT: 20.53 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

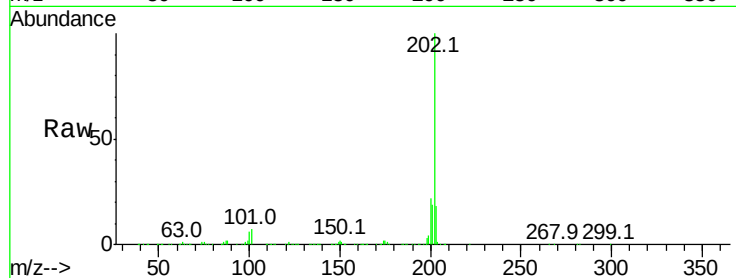
Tot Ion:202 Resp: 957092

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

203 18.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

20.53

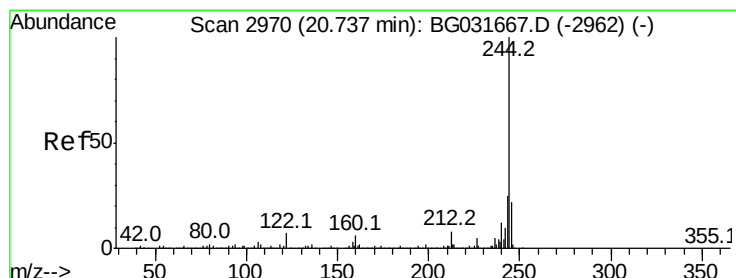
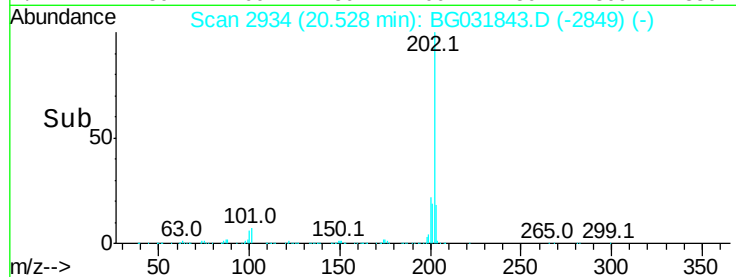
600000

400000

200000

0

Time--> 20.40 20.50 20.60



#78

Terphenyl-d14

Concen: 83.193 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

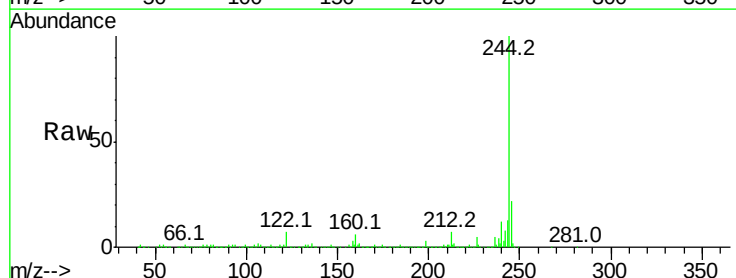
Tgt Ion:244 Resp: 1551134

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 7.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.70

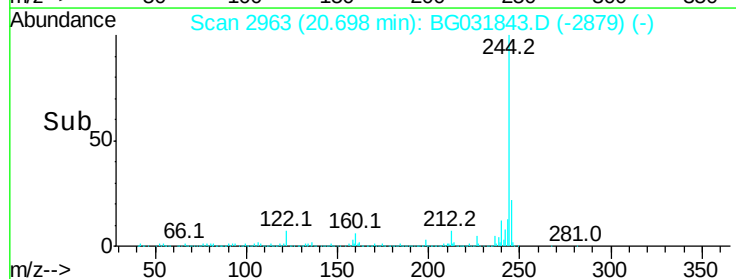
1500000

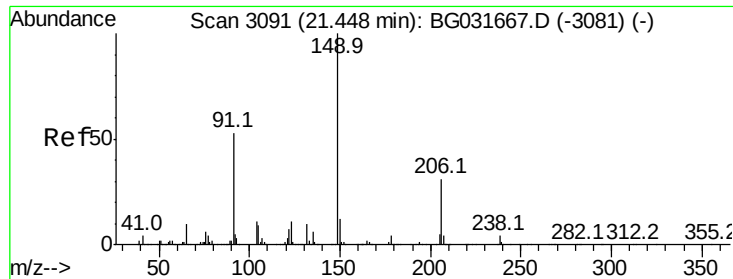
1000000

500000

0

Time--> 20.60 20.65 20.70 20.75

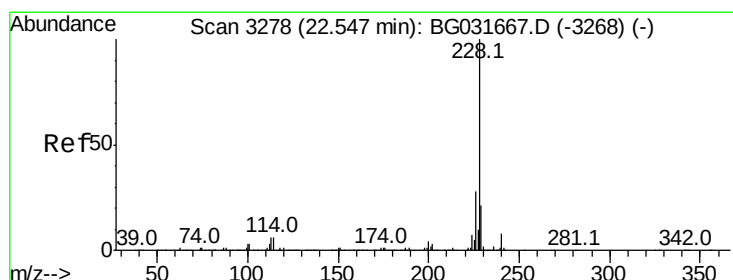
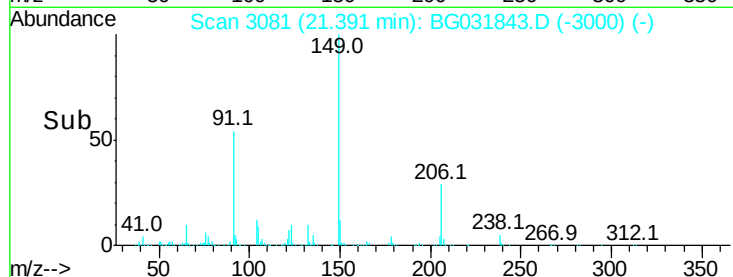
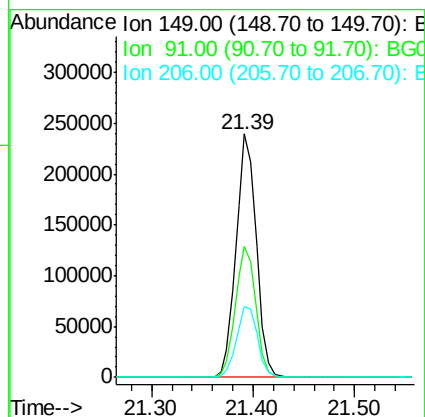
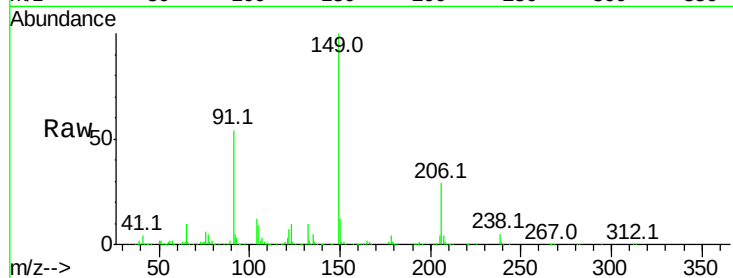




#79
Butylbenzylphthalate
Concen: 36.264 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.06 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

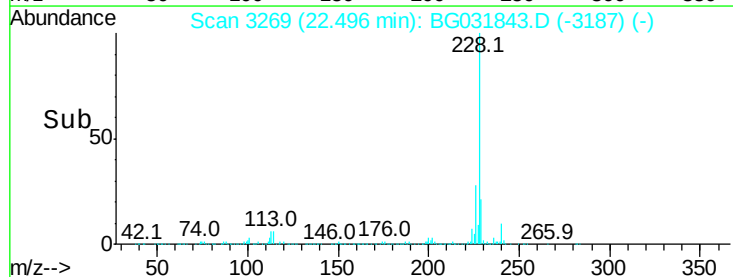
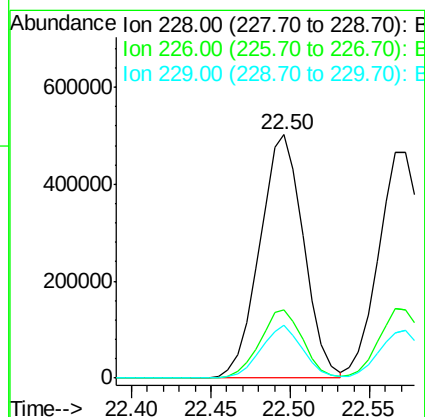
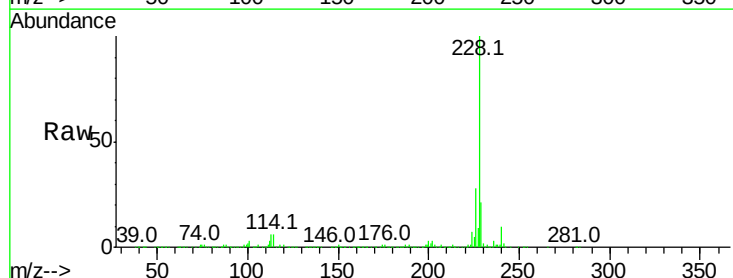
Instrument :
BNA_G
ClientSampleId :

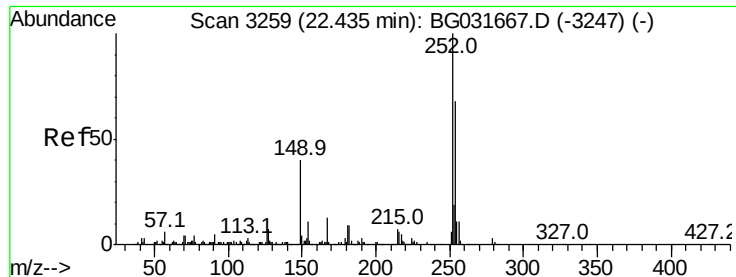
Tot Ion	Ratio	Lower	Upper
149	100		
91	53.9	62.2	93.2#
206	29.2	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 35.570 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.05 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	21.5	16.2	24.2

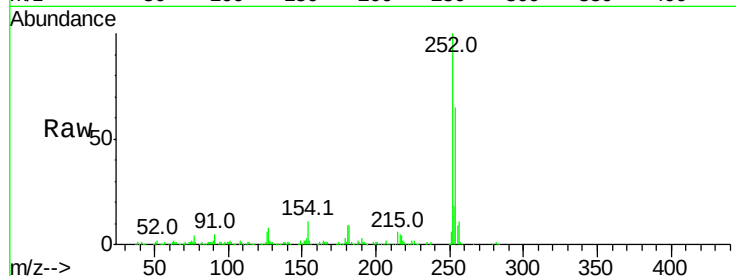




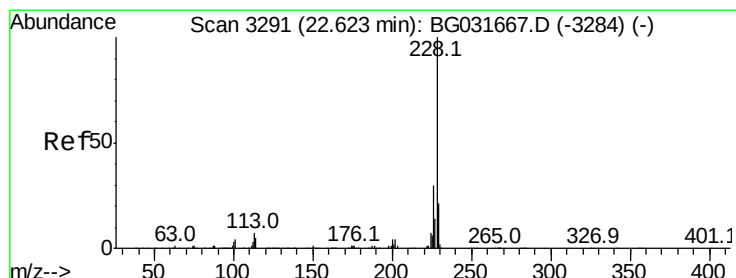
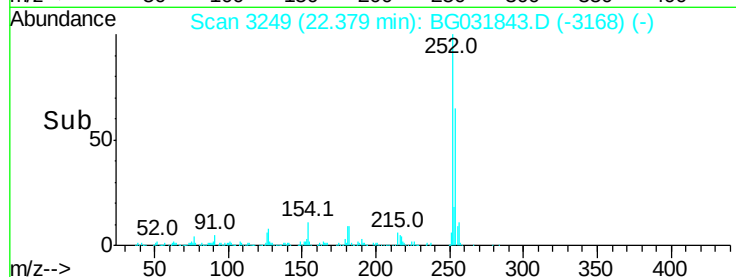
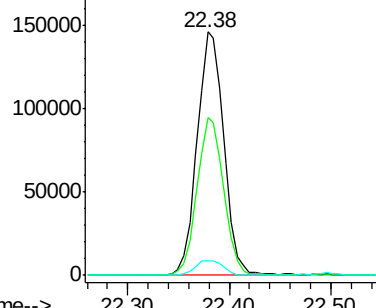
#81
 3,3'-Dichlorobenzidine
 Concen: 25.408 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.8	76.2
126	6.0	7.4	11.2#

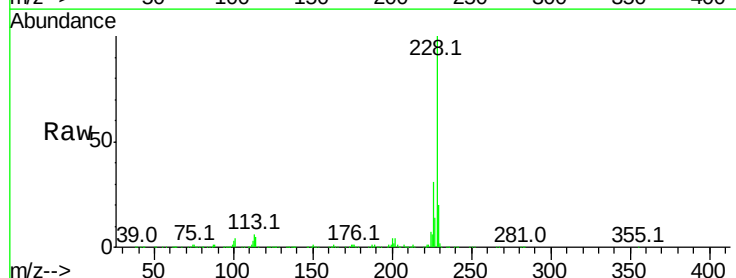


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

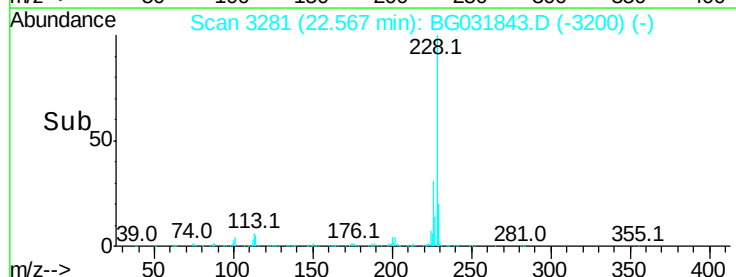
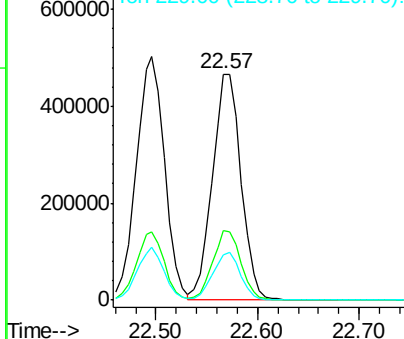


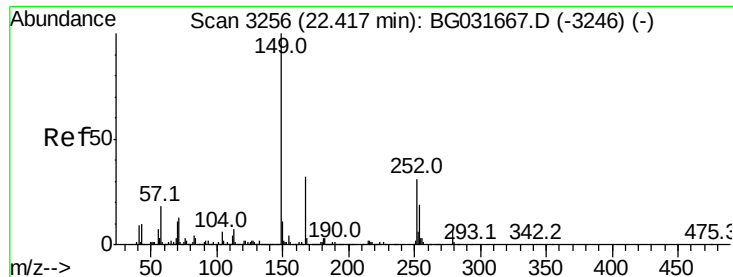
#82
 Chrysene
 Concen: 35.409 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.06 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.9	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.941 ng

RT: 22.34 min Scan# 3243

Delta R.T. -0.07 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

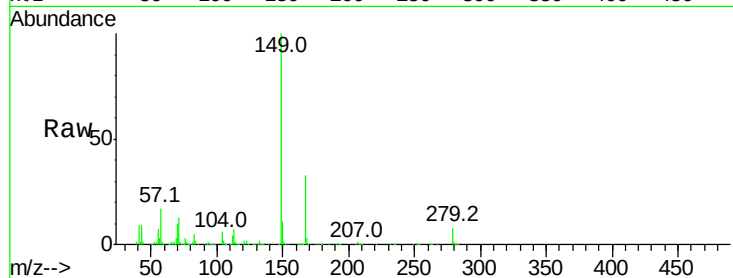
Tot Ion:149 Resp: 475628

Ion Ratio Lower Upper

149 100

167 32.6 24.3 36.5

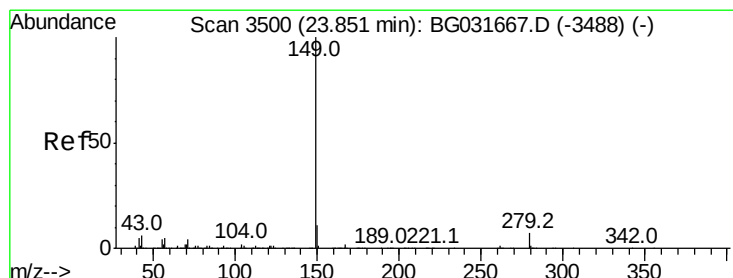
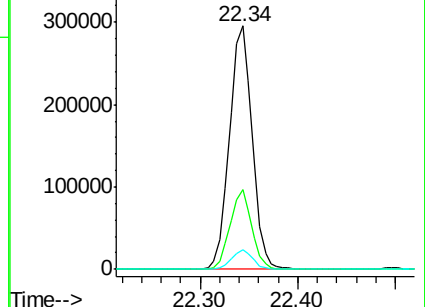
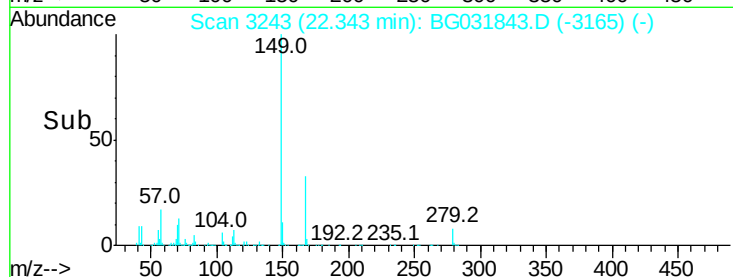
279 8.1 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.733 ng

RT: 23.75 min Scan# 3482

Delta R.T. -0.10 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

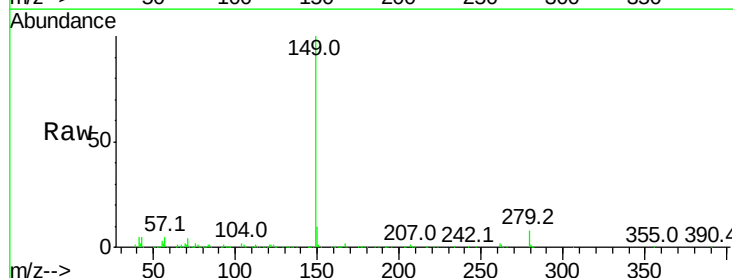
Tgt Ion:149 Resp: 818672

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

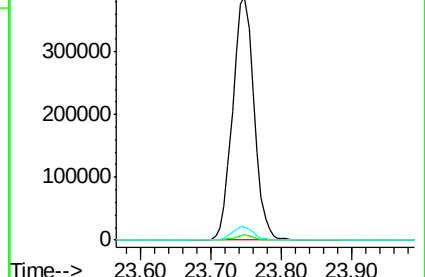
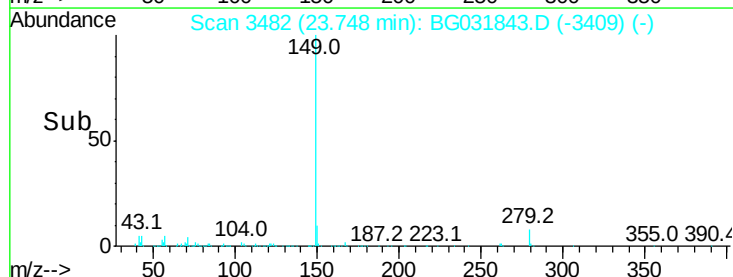
43 5.5 8.9 13.3#

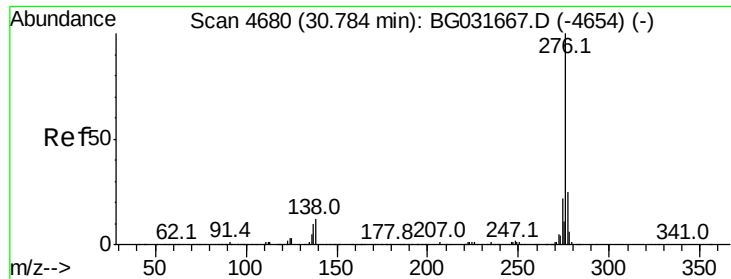


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO



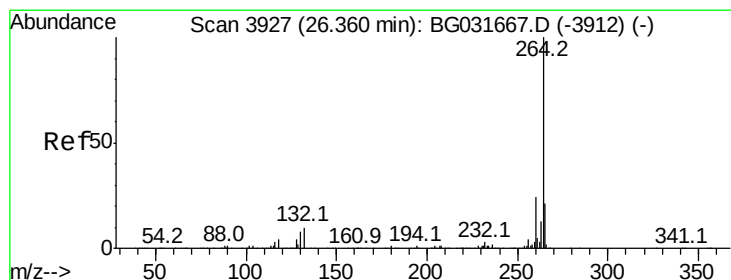
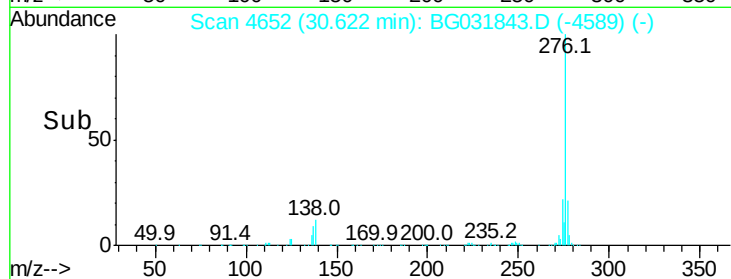
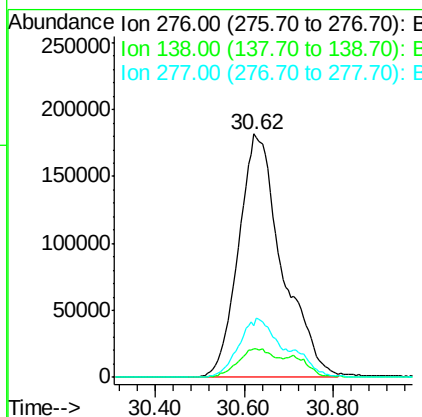
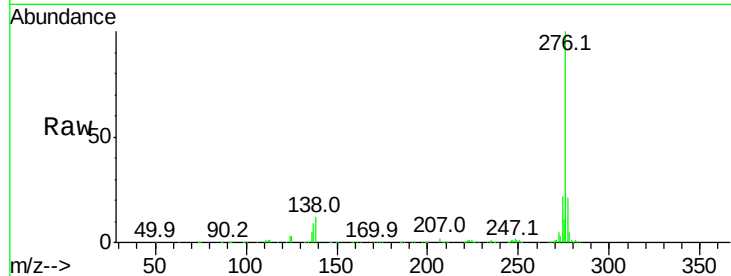


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.271 ng
 RT: 30.62 min Scan# 4652
 Delta R.T. -0.16 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1225890

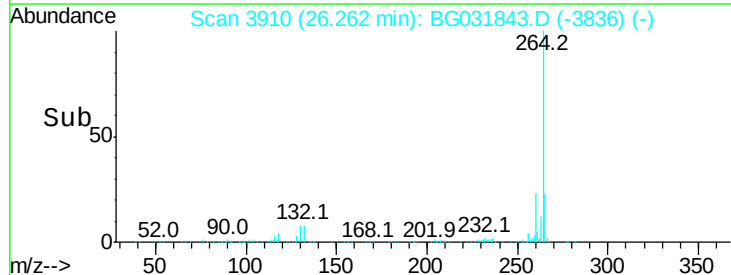
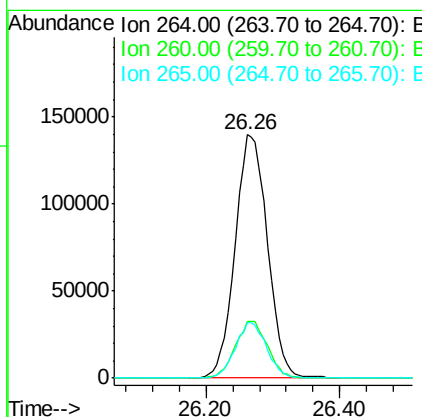
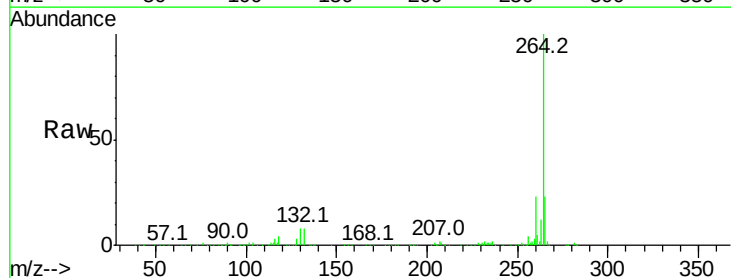
Ion	Ratio	Lower	Upper
276	100		
138	10.3	16.0	24.0#
277	26.1	20.0	30.0

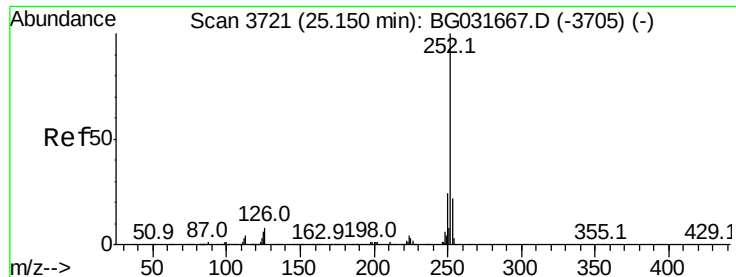


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Tgt Ion:264 Resp: 467473

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	23.0	17.7	26.5

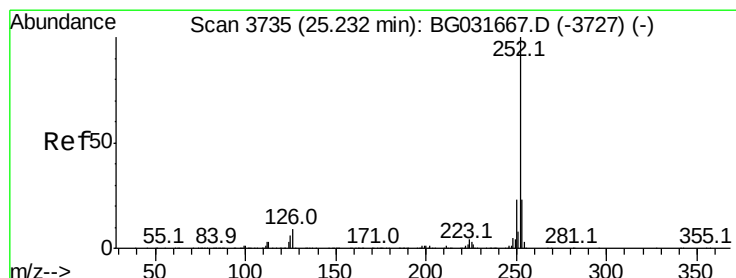
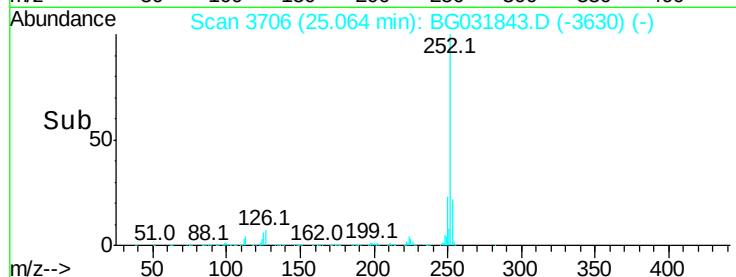
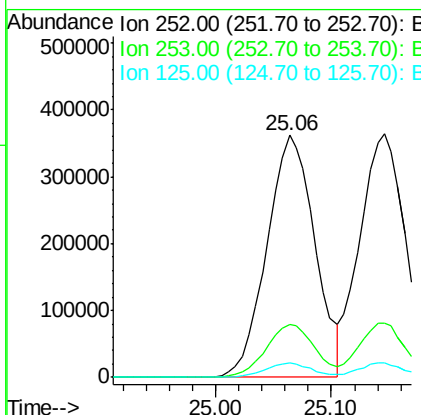
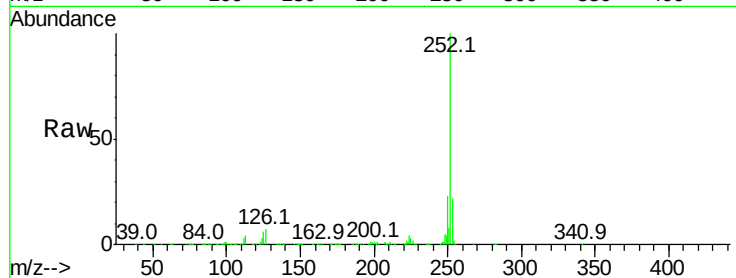




#87
Benzo(b)fluoranthene
Concen: 35.995 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.09 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

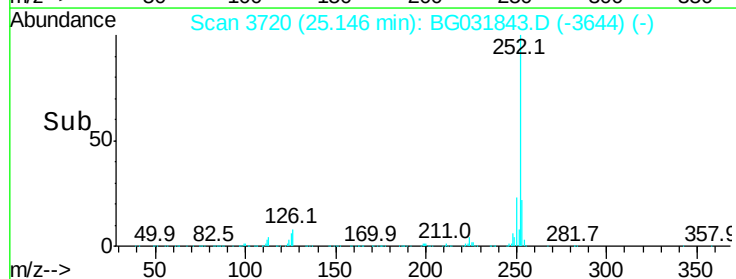
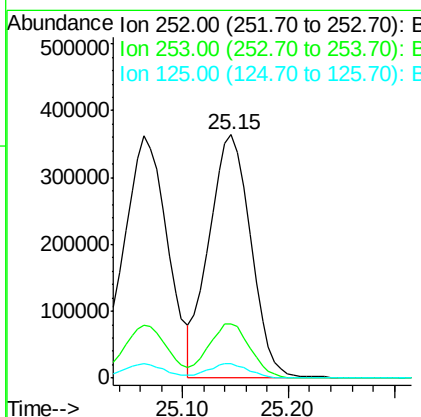
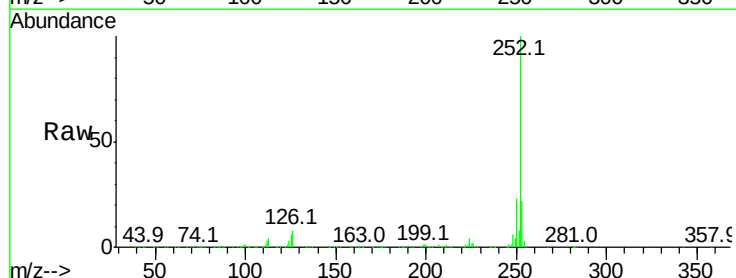
Instrument :
BNA_G
ClientSampled :

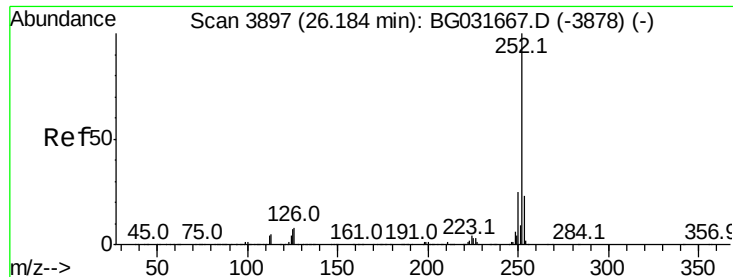
Tot Ion:252 Resp: 1044505
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 6.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 34.449 ng
RT: 25.15 min Scan# 3720
Delta R.T. -0.09 min
Lab File: BG031843.D
Acq: 29 Dec 2017 2:56

Tgt Ion:252 Resp: 1000402
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 5.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 36.108 ng

RT: 26.10 min Scan# 3882

Delta R.T. -0.09 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

Instrument :

BNA_G

ClientSampleId :

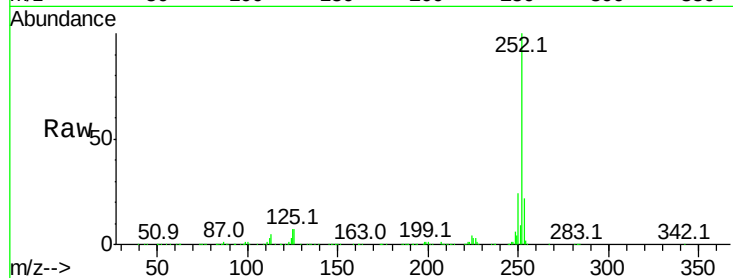
Tot Ion:252 Resp: 1003493

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	6.8	7.3	10.9

252 100

253 22.0 18.3 27.5

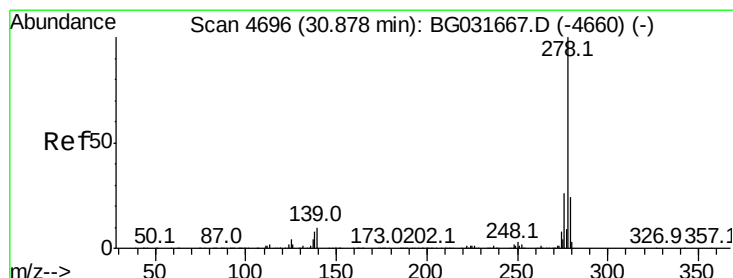
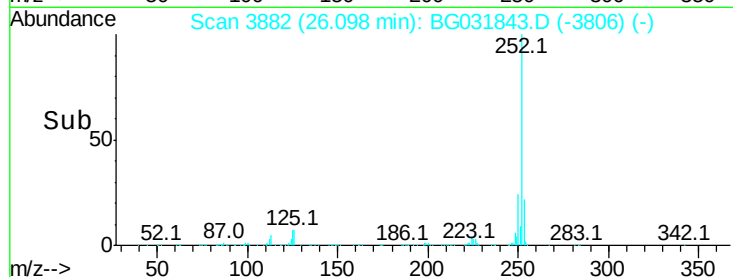
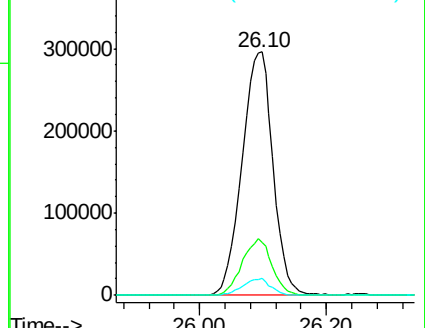
125 6.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.189 ng

RT: 30.72 min Scan# 4668

Delta R.T. -0.16 min

Lab File: BG031843.D

Acq: 29 Dec 2017 2:56

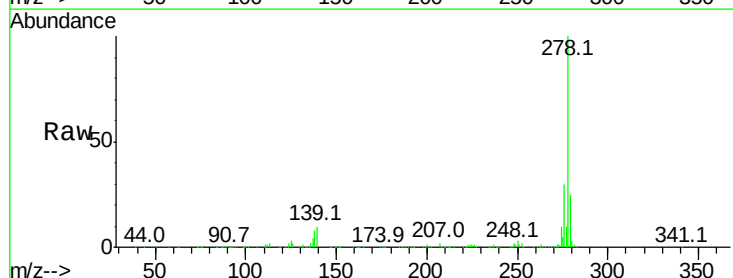
Tgt Ion:278 Resp: 1010015

Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.8	14.6
279	25.2	18.4	27.6

278 100

139 9.7 9.8 14.6

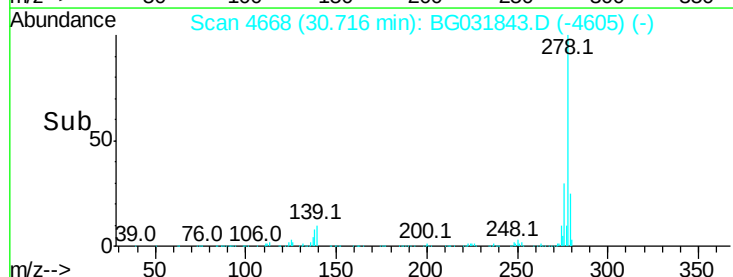
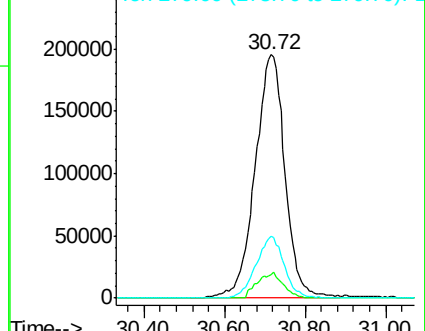
279 25.2 18.4 27.6

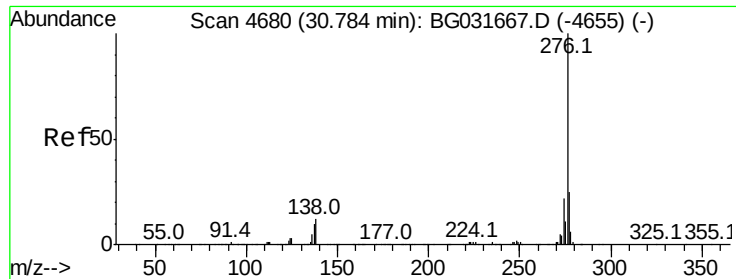


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.175 ng
 RT: 30.62 min Scan# 4652
 Delta R.T. -0.16 min
 Lab File: BG031843.D
 Acq: 29 Dec 2017 2:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.3	27.5
138	11.8	13.9	20.9

