

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031841.D
 Acq On : 29 Dec 2017 1:41
 Operator : SJ/JU
 Sample : IDOC-03 RM
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 06:32:06 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	55854	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	232291	20.00	ng	-0.03
38) Acenaphthene-d10	15.44	164	154843	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	377146	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	433305	20.00	ng	-0.06
86) Perylene-d12	26.26	264	480677	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	442638	144.34	ng	-0.02
7) Phenol-d6	7.91	99	578806	145.38	ng	-0.02
23) Nitrobenzene-d5	10.01	82	314940	102.38	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	360973	152.78	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	1119253	90.72	ng	-0.03
78) Terphenyl-d14	20.70	244	1813418	95.61	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	37793	33.247	ng	# 72
3) Pyridine	4.33	79	93457	30.757	ng	# 75
4) n-Nitrosodimethylamine	4.24	42	46776	38.149	ng	# 80
6) Aniline	8.10	93	107260	20.939	ng	91
8) 2-Chlorophenol	8.35	128	159115	44.731	ng	# 78
9) Benzaldehyde	8.32	77	11012	4.593	ng	96
10) Phenol	7.94	94	183772	45.718	ng	93
11) bis(2-Chloroethyl)ether	8.19	93	125081	37.469	ng	# 79
12) 1,3-Dichlorobenzene	8.69	146	174562	39.517	ng	# 91
13) 1,4-Dichlorobenzene	8.84	146	178343	39.523	ng	94
14) 1,2-Dichlorobenzene	9.17	146	170760	39.937	ng	96
15) Benzyl Alcohol	9.04	79	124803	41.757	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.33	45	128163	47.144	ng	83
17) 2-Methylphenol	9.24	107	128288	44.604	ng	94
18) Hexachloroethane	9.93	117	56714	41.498	ng	87
19) n-Nitroso-di-n-propylamine	9.62	70	100956	37.129	ng	# 83
20) 3+4-Methylphenols	9.57	107	180118	44.063	ng	92
22) Acetophenone	9.65	105	225564	41.796	ng	# 86
24) Nitrobenzene	10.05	77	142806	45.043	ng	# 84
25) Isophorone	10.57	82	279858	42.261	ng	# 86
26) 2-Nitrophenol	10.78	139	94628	56.925	ng	# 81
27) 2,4-Dimethylphenol	10.81	122	168822	48.263	ng	87
28) bis(2-Chloroethoxy)methane	11.05	93	183254	41.241	ng	# 95
29) 2,4-Dichlorophenol	11.31	162	194240	47.301	ng	88
30) 1,2,4-Trichlorobenzene	11.54	180	206915	41.267	ng	99
31) Naphthalene	11.74	128	487337	41.570	ng	98
32) Benzoic acid	10.95	122	19153	13.604	ng	# 64
33) 4-Chloroaniline	11.83	127	105369	20.188	ng	# 91
34) Hexachlorobutadiene	12.01	225	138841	40.334	ng	98
35) Caprolactam	12.58	113	56754	45.595	ng	# 43
36) 4-Chloro-3-methylphenol	12.90	107	167896	44.269	ng	# 79
37) 2-Methylnaphthalene	13.30	142	399992	42.089	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	274538	42.093	ng	# 97
40) Hexachlorocyclopentadiene	13.63	237	323130	93.915	ng	90

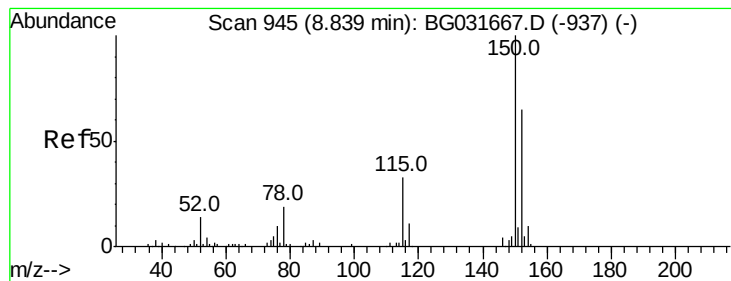
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	176750	47.003	ng	98
43) 2,4,5-Trichlorophenol	13.95	196	185255	44.455	ng #	89
45) 1,1'-Biphenyl	14.28	154	564909	42.715	ng	96
46) 2-Chloronaphthalene	14.33	162	424384	42.070	ng	95
47) 2-Nitroaniline	14.51	65	88751	50.942	ng #	51
48) Acenaphthylene	15.16	152	644441	39.933	ng	99
49) Dimethylphthalate	14.87	163	612599	44.908	ng #	99
50) 2,6-Dinitrotoluene	14.99	165	123048	49.034	ng #	67
51) Acenaphthene	15.50	154	414177	39.187	ng	98
52) 3-Nitroaniline	15.32	138	78036	31.874	ng #	73
53) 2,4-Dinitrophenol	15.52	184	15709	20.963	ng #	1
54) Dibenzofuran	15.83	168	672950	41.536	ng	97
55) 4-Nitrophenol	15.60	139	173082	86.859	ng #	66
56) 2,4-Dinitrotoluene	15.76	165	169606	52.562	ng #	65
57) Fluorene	16.47	166	528279	40.137	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.04	232	192865	47.436	ng #	85
59) Diethylphthalate	16.20	149	522316	39.285	ng	96
60) 4-Chlorophenyl-phenylether	16.45	204	321703	39.947	ng	93
61) 4-Nitroaniline	16.47	138	109488	45.827	ng #	76
62) Azobenzene	16.74	77	344053	40.351	ng	83
64) 4,6-Dinitro-2-methylphenol	16.52	198	29277	21.502	ng #	63
65) n-Nitrosodiphenylamine	16.66	169	493775	39.420	ng	97
66) 4-Bromophenyl-phenylether	17.34	248	230851	42.329	ng #	92
67) Hexachlorobenzene	17.47	284	239394	42.939	ng #	90
68) Atrazine	17.59	200	210587	43.237	ng	98
69) Pentachlorophenol	17.80	266	249918	65.172	ng	98
70) Phenanthrene	18.21	178	875737	41.030	ng	99
71) Anthracene	18.30	178	907476	42.149	ng	99
72) Carbazole	18.55	167	781878	41.030	ng	99
73) Di-n-butylphthalate	19.07	149	856605	40.448	ng	99
74) Fluoranthene	20.16	202	1096672	41.876	ng	97
76) Benzidine	20.32	184	286773	21.442	ng	99
77) Pyrene	20.52	202	1117598	40.378	ng	98
79) Butylbenzylphthalate	21.39	149	394598	42.469	ng #	75
80) Benzo(a)anthracene	22.49	228	1151055	41.761	ng	99
81) 3,3'-Dichlorobenzidine	22.38	252	280450	26.243	ng #	98
82) Chrysene	22.57	228	1073584	41.166	ng	97
83) Bis(2-ethylhexyl)phthalate	22.34	149	565503	42.009	ng #	96
84) Di-n-octyl phthalate	23.74	149	977452	43.115	ng #	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1482504	44.311	ng #	88
87) Benzo(b)fluoranthene	25.06	252	1240170	41.564	ng #	97
88) Benzo(k)fluoranthene	25.14	252	1213760	40.648	ng #	97
89) Benzo(a)pyrene	26.09	252	1207023	42.239	ng #	97
90) Dibenzo(a,h)anthracene	30.71	278	1220654	41.360	ng #	97
91) Benzo(g,h,i)perylene	30.63	276	1482504	42.546	ng #	94

(#) = 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: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

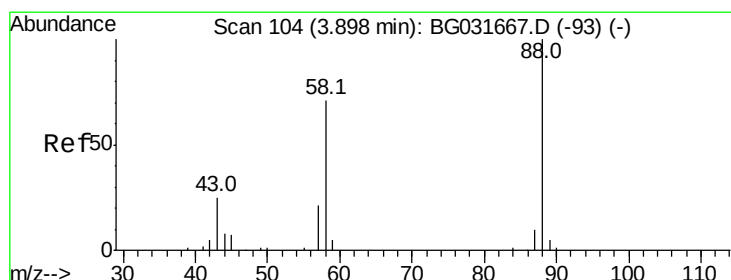
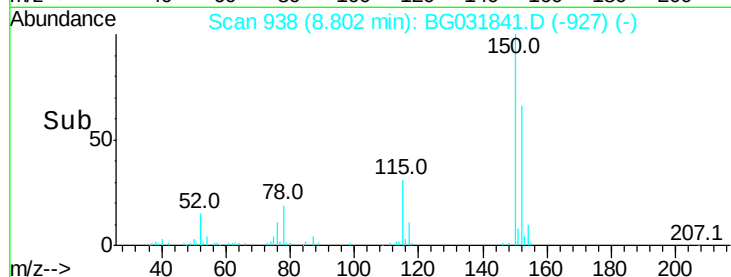
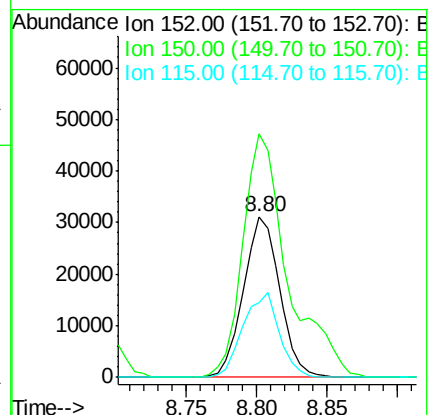
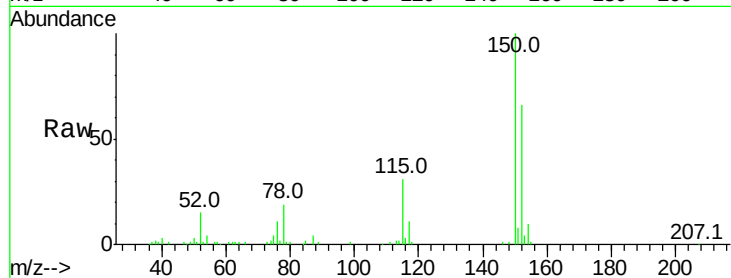
Tot Ion:152 Resp: 55854

Ion Ratio Lower Upper

152 100

150 151.4 126.6 189.8

115 46.3 53.0 79.4#



#2

1,4-Dioxane

Concen: 33.247 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

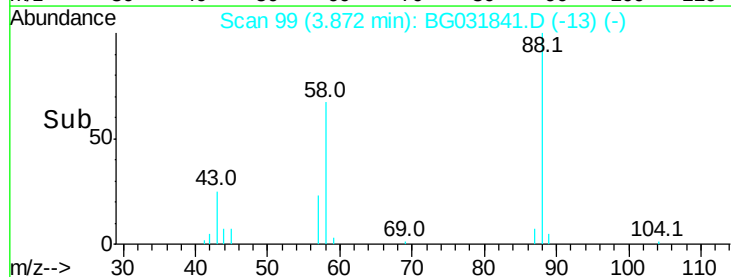
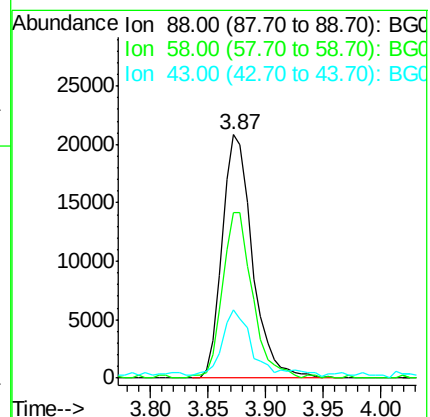
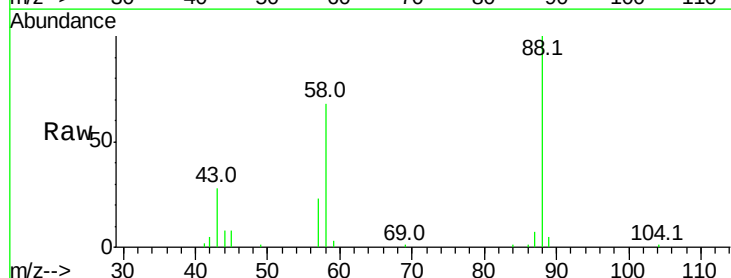
Tgt Ion: 88 Resp: 37793

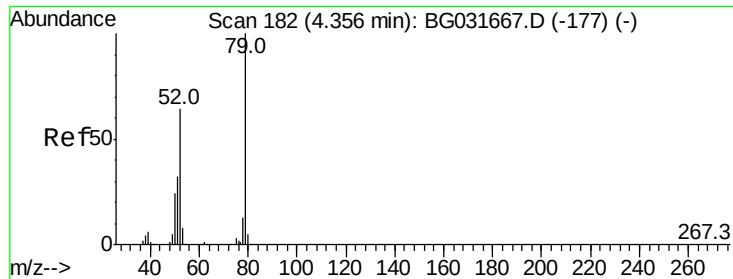
Ion Ratio Lower Upper

88 100

58 67.3 79.6 119.4#

43 25.7 27.4 41.0#





#3

Pvridine

Concen: 30.757 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

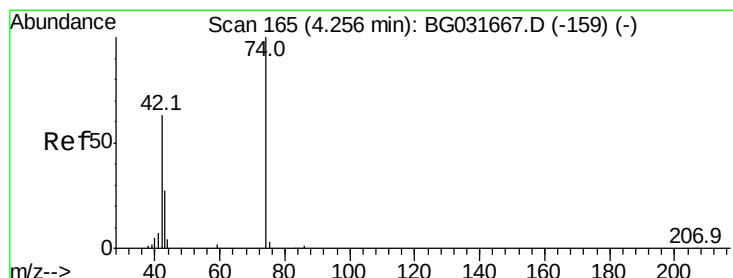
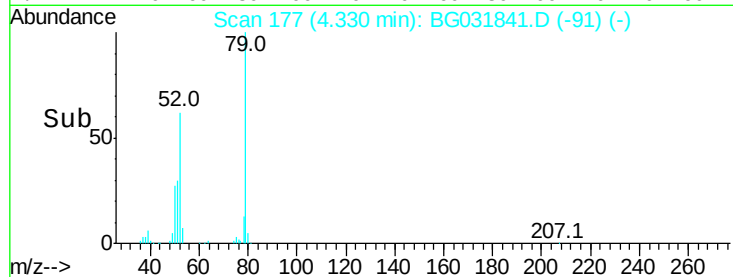
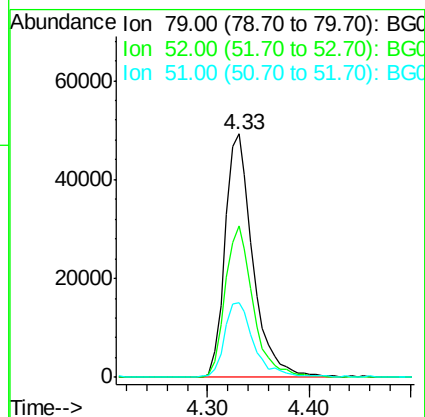
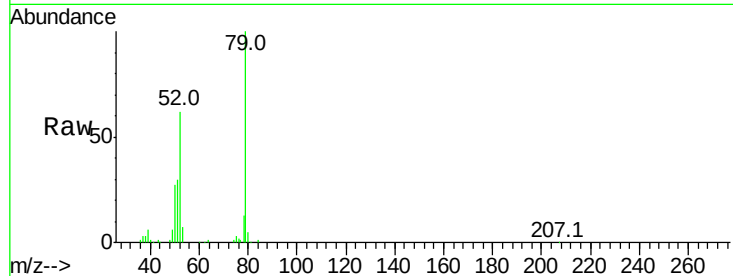
Tot Ion: 79 Resp: 93457

Ion Ratio Lower Upper

79 100

52 62.0 69.9 104.9#

51 30.4 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 38.149 ng

RT: 4.24 min Scan# 161

Delta R.T. -0.02 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

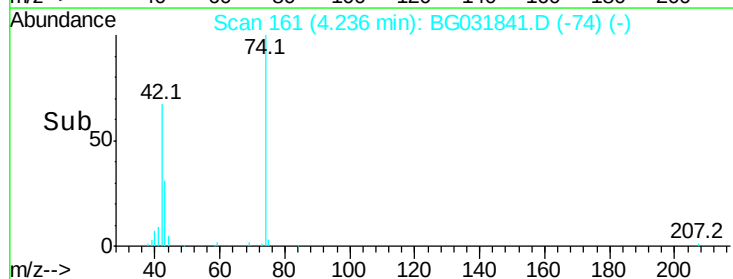
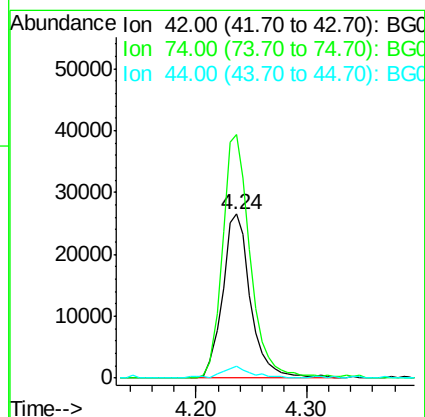
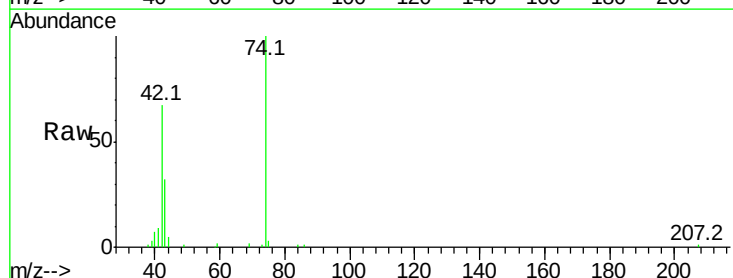
Tgt Ion: 42 Resp: 46776

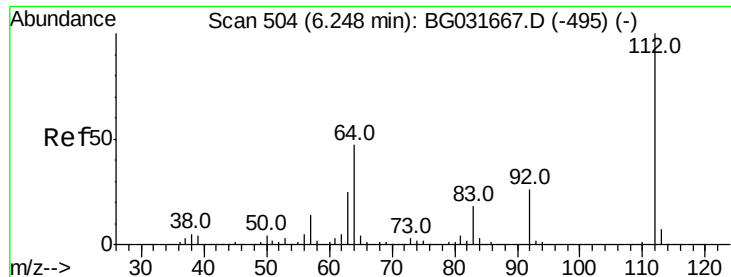
Ion Ratio Lower Upper

42 100

74 148.7 102.5 153.7

44 7.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 144.343 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

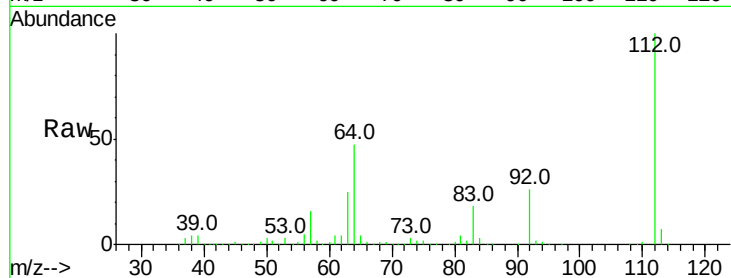
Tot Ion:112 Resp: 442638

Ion Ratio Lower Upper

112 100

64 46.9 56.3 84.5#

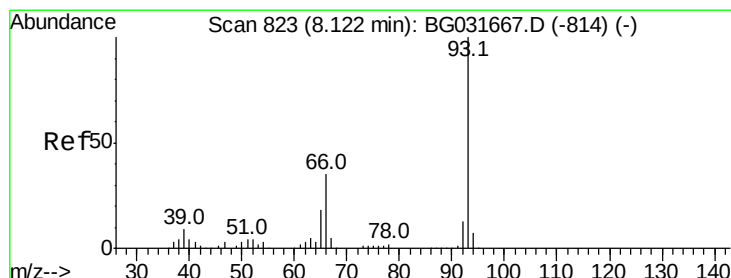
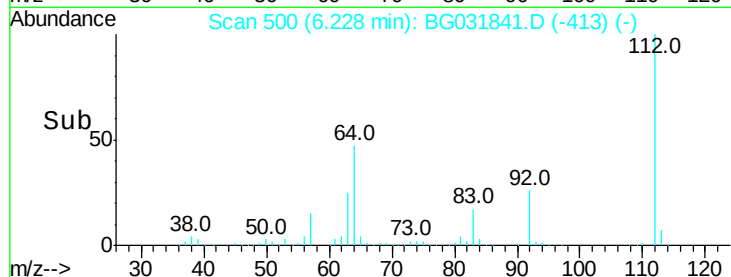
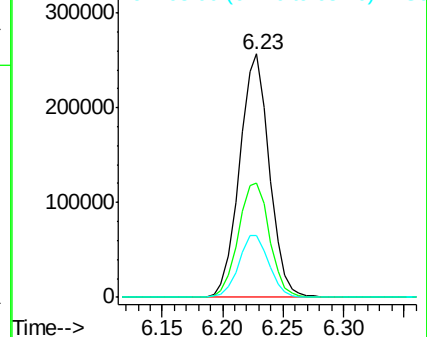
63 25.5 30.1 45.1#



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: 20.939 ng

RT: 8.10 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

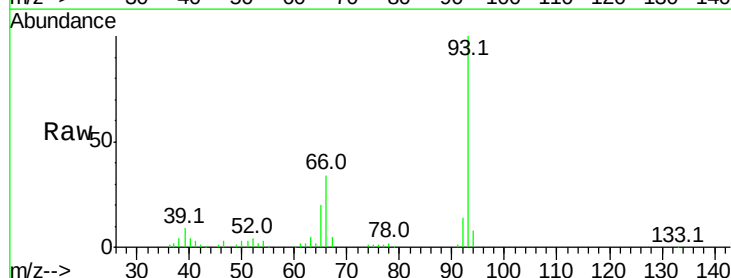
Tgt Ion: 93 Resp: 107260

Ion Ratio Lower Upper

93 100

66 34.0 33.7 50.5

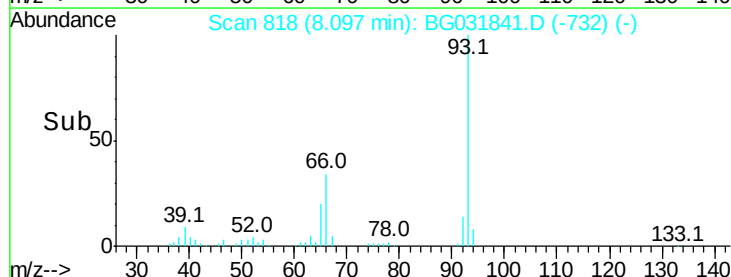
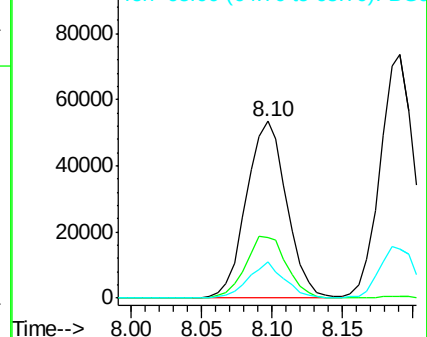
65 20.4 16.1 24.1

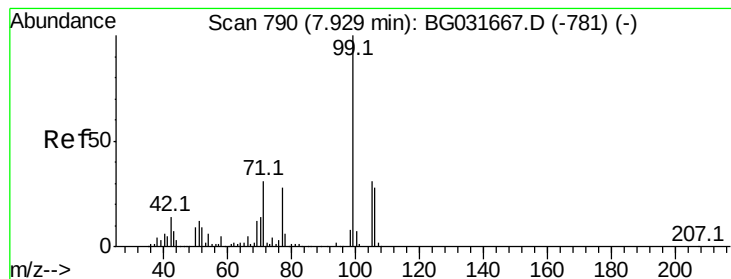


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.377 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

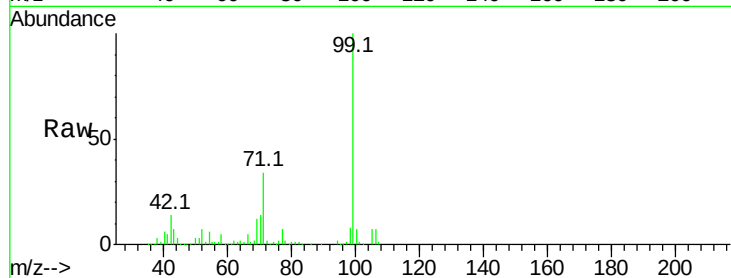
Tot Ion: 99 Resp: 578806

Ion Ratio Lower Upper

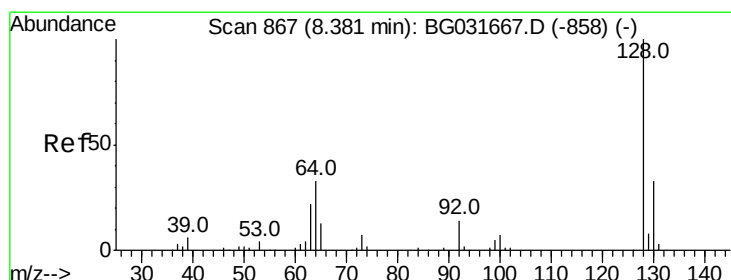
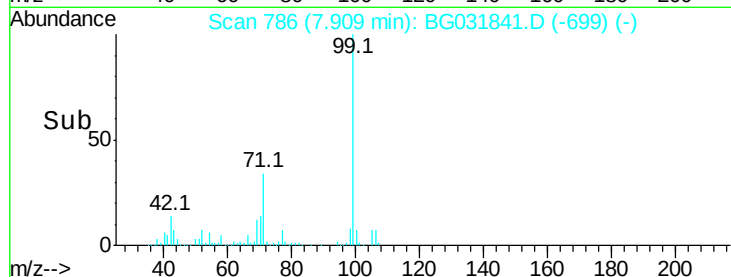
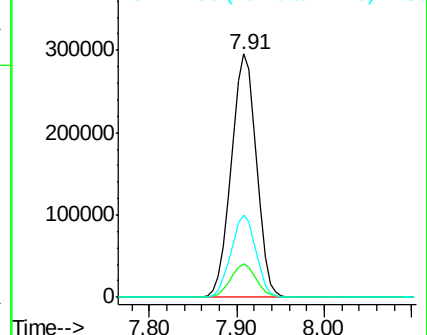
99 100

42 14.0 14.1 21.1#

71 33.9 26.1 39.1



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



#8

2-Chlorophenol

Concen: 44.731 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

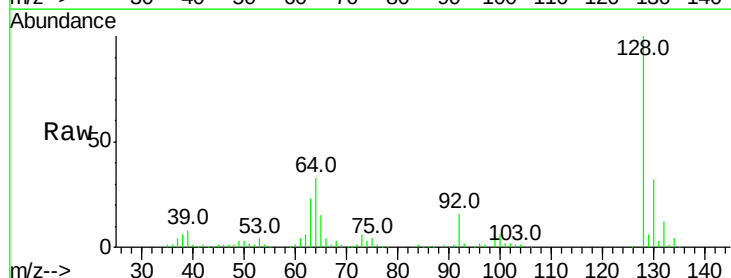
Tgt Ion: 128 Resp: 159115

Ion Ratio Lower Upper

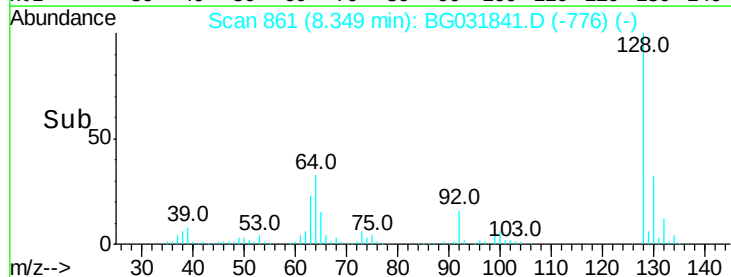
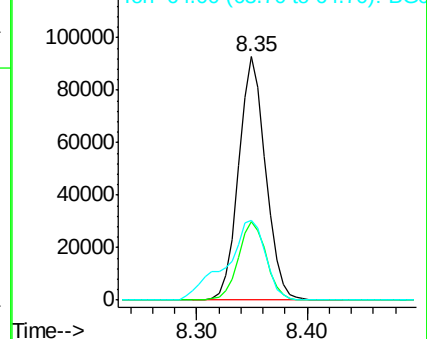
128 100

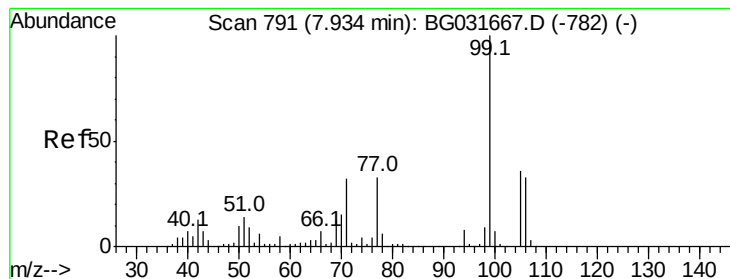
130 32.1 14.0 54.0

64 33.0 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: 4.593 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.39 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

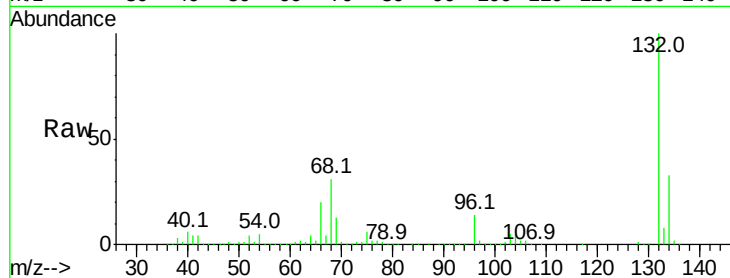
Tot Ion: 77 Resp: 11012

Ion Ratio Lower Upper

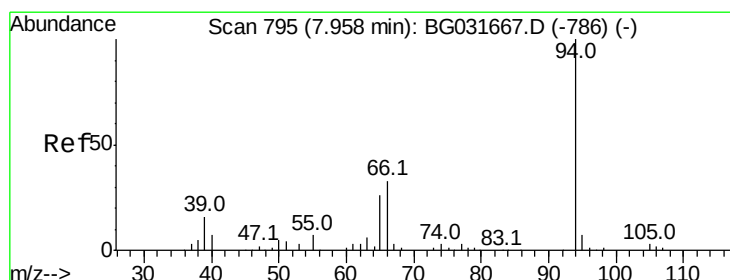
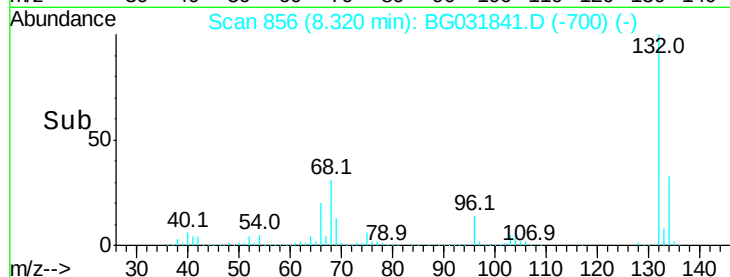
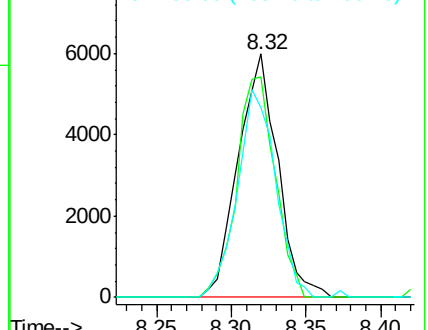
77 100

105 90.5 71.3 111.3

106 77.8 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: 45.718 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

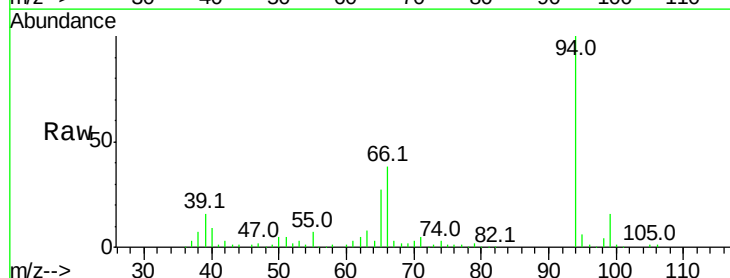
Tgt Ion: 94 Resp: 183772

Ion Ratio Lower Upper

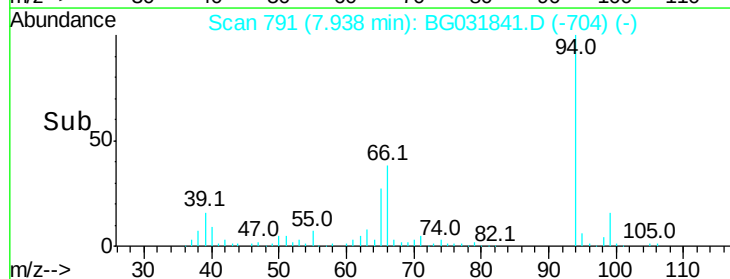
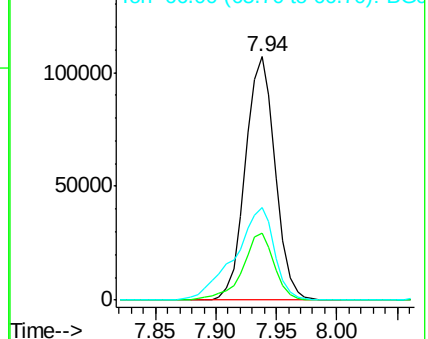
94 100

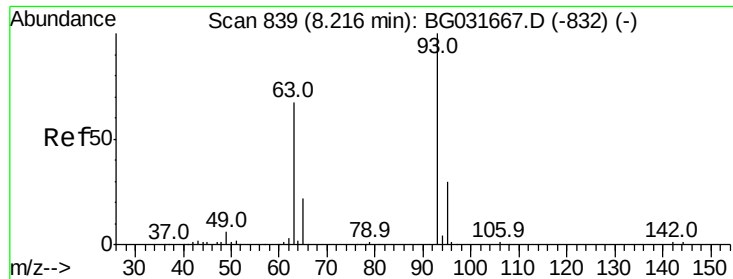
65 27.3 11.9 51.9

66 38.2 22.2 62.2



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

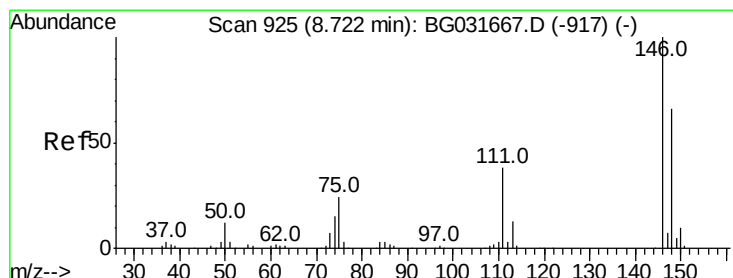
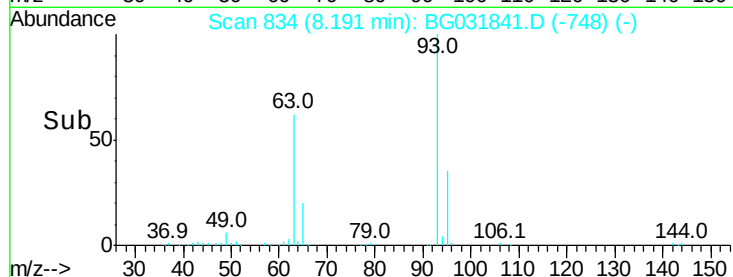
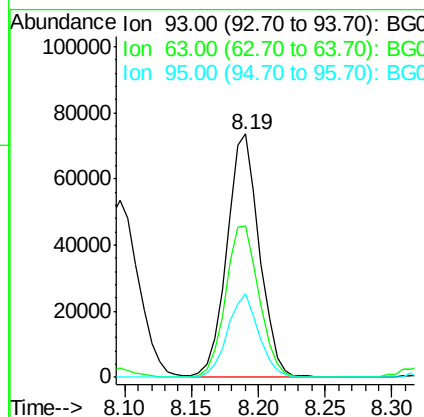
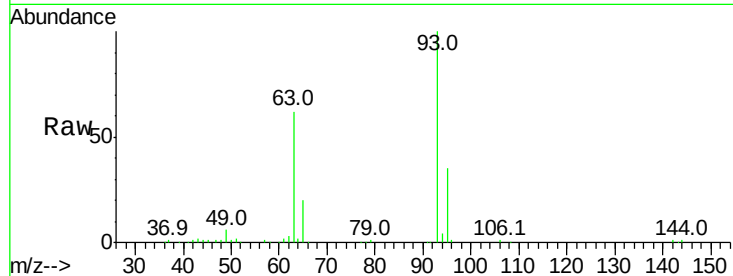




#11
bis(2-Chloroethyl)ether
Concen: 37.469 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

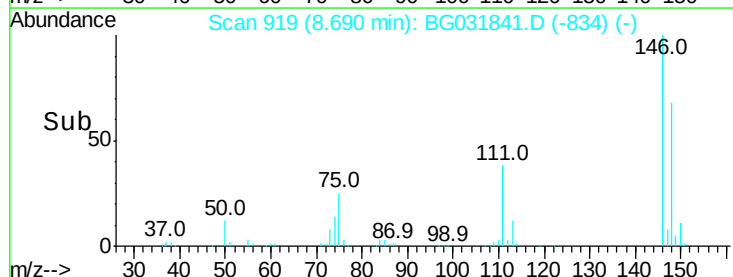
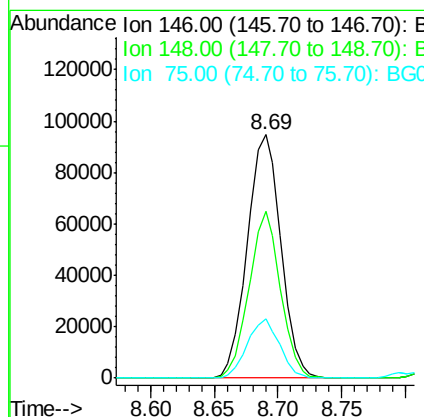
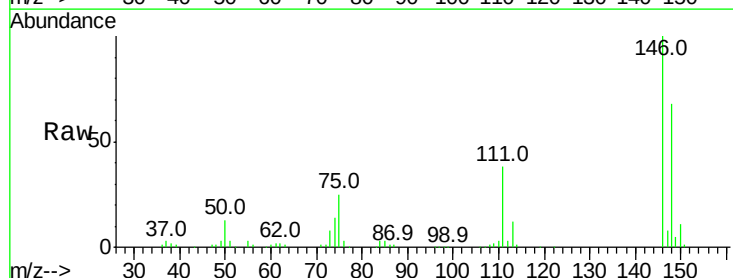
Instrument :
BNA_G
ClientSampled :

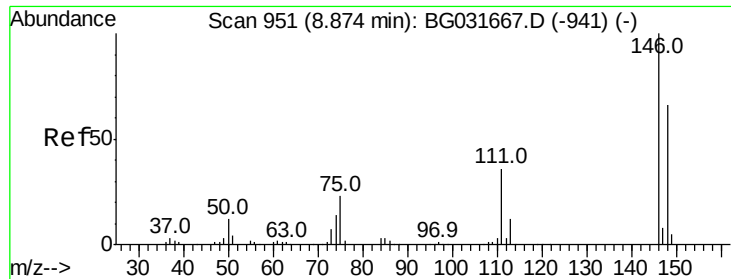
Tot Ion: 93 Resp: 125081
Ion Ratio Lower Upper
93 100
63 62.2 67.1 107.1#
95 34.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.517 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion: 146 Resp: 174562
Ion Ratio Lower Upper
146 100
148 68.3 51.4 77.2
75 24.6 26.6 39.8#

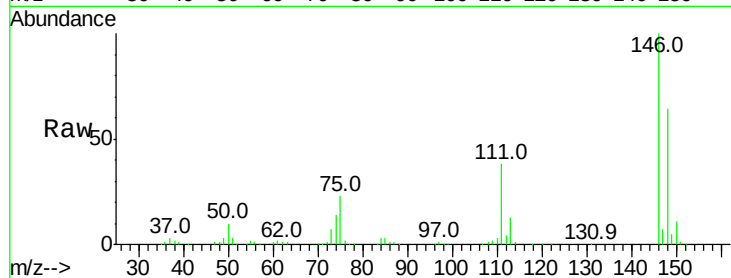




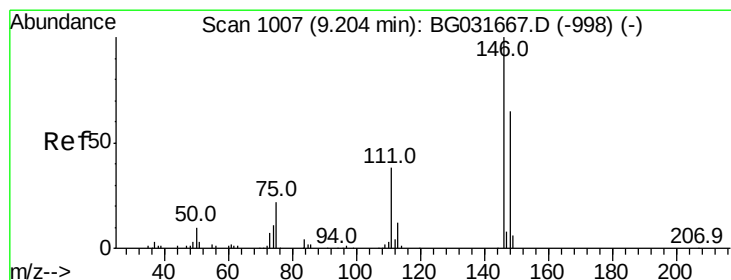
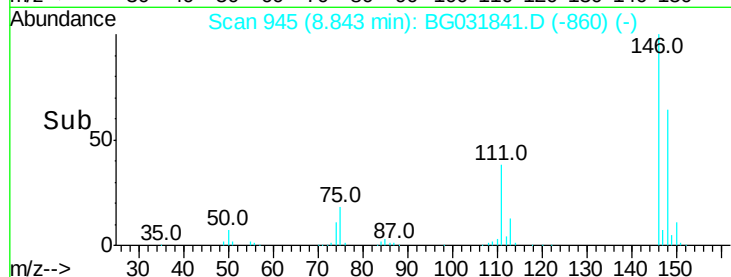
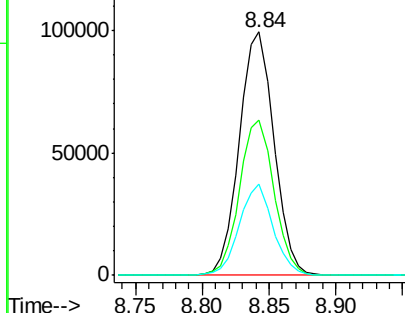
#13
 1,4-Dichlorobenzene
 Concen: 39.523 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 178343
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.7 80.5
 111 37.6 35.2 52.8

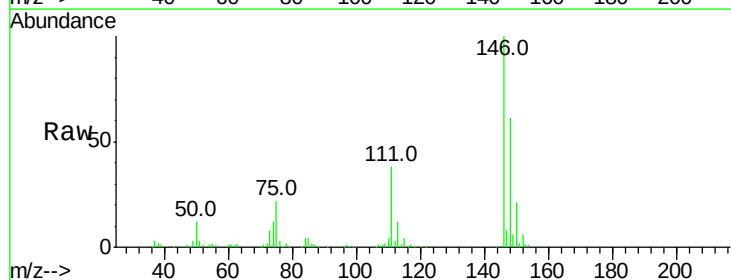


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

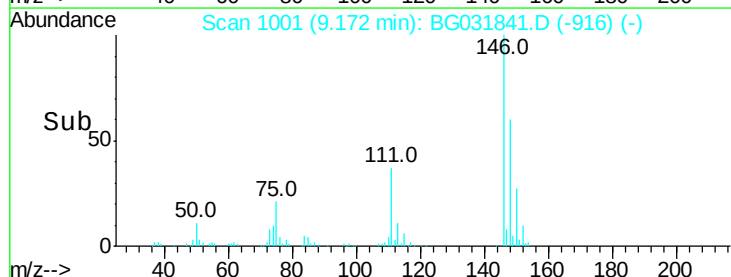
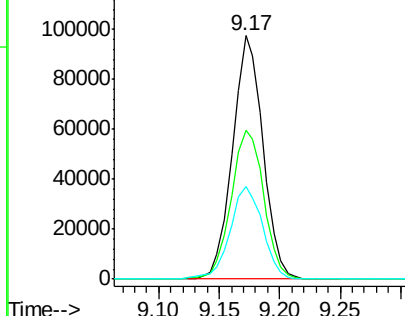


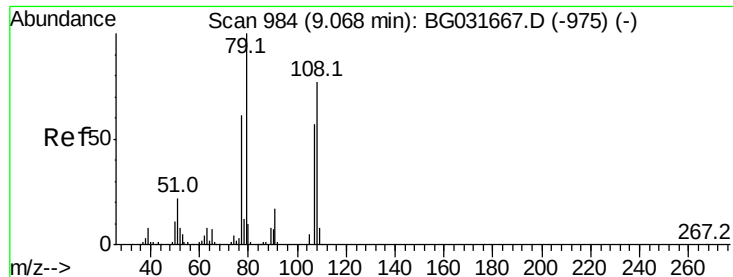
#14
 1,2-Dichlorobenzene
 Concen: 39.937 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion:146 Resp: 170760
 Ion Ratio Lower Upper
 146 100
 148 61.1 49.3 73.9
 111 38.0 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: 41.757 ng

RT: 9.04 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampled :

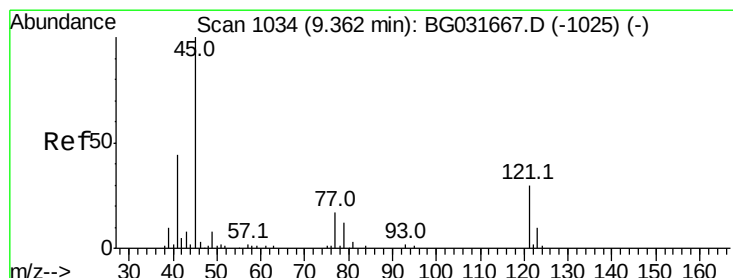
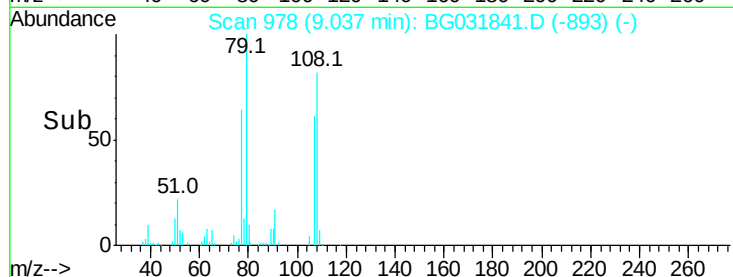
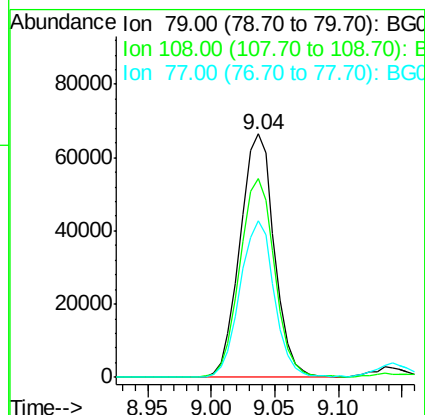
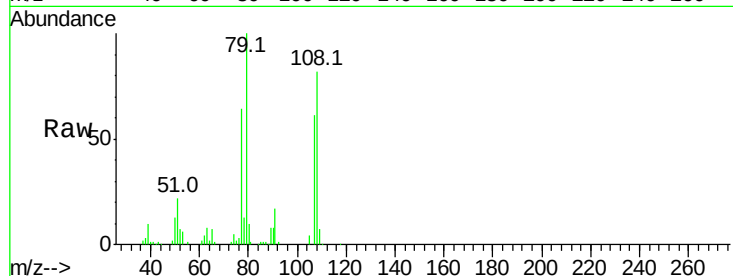
Tot Ion: 79 Resp: 124803

Ion Ratio Lower Upper

79 100

108 81.5 57.2 85.8

77 64.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.144 ng

RT: 9.33 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

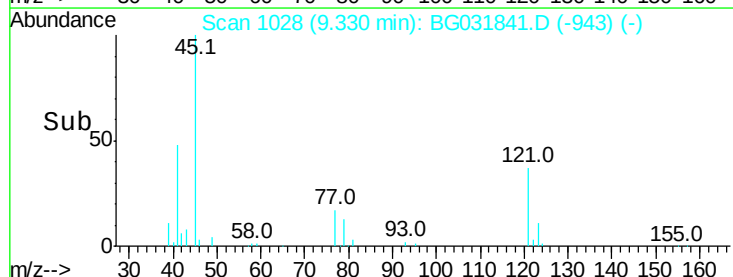
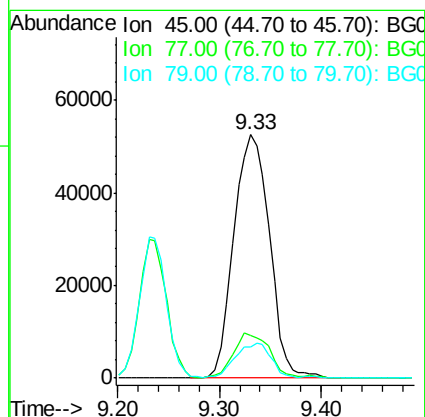
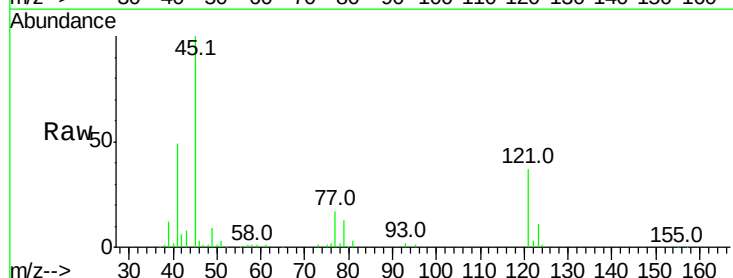
Tgt Ion: 45 Resp: 128163

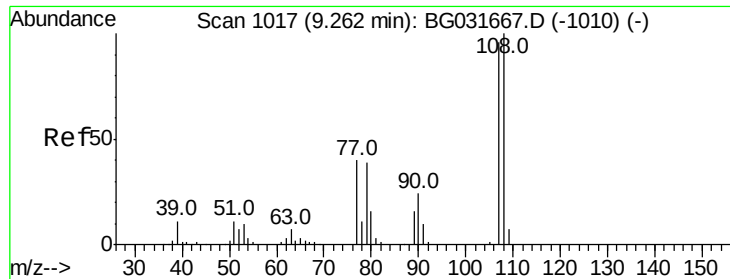
Ion Ratio Lower Upper

45 100

77 17.4 0.0 30.2

79 12.9 0.0 27.9

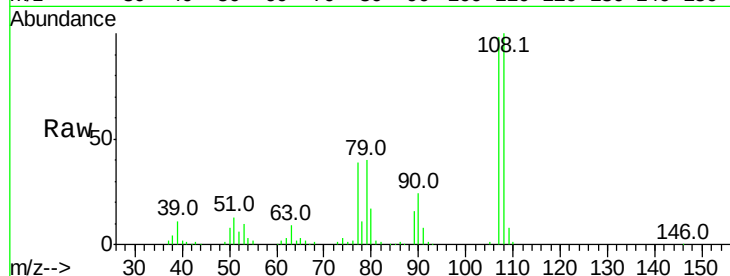




#17
2-Methylphenol
Concen: 44.604 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	101.9	83.9	125.9
77	39.6	37.2	55.8
79	40.3	36.2	54.2



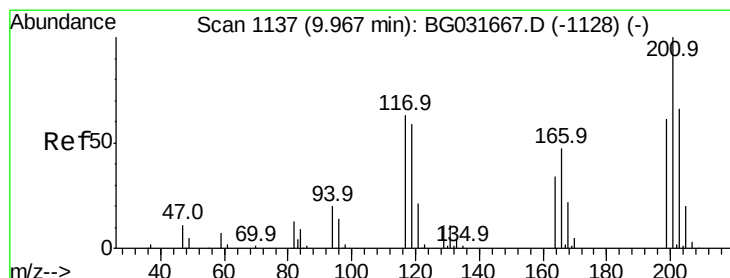
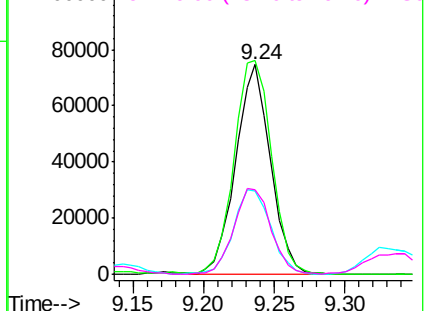
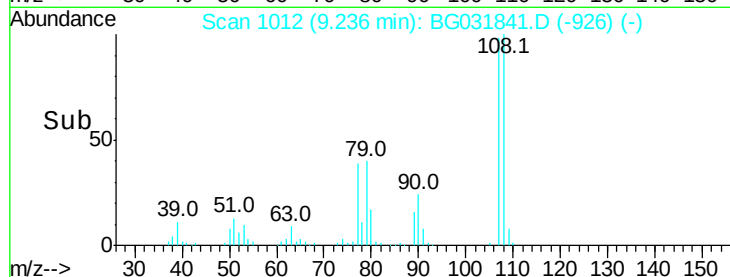
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

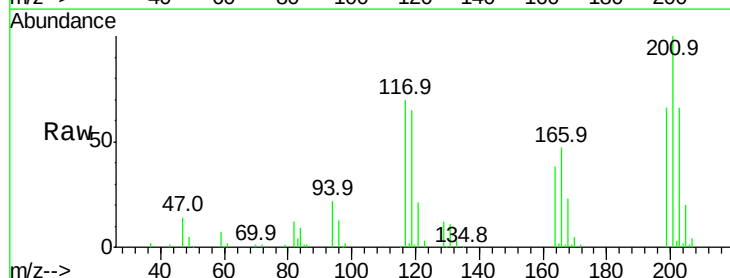
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 41.498 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.7	115.1
201	143.0	95.7	143.5

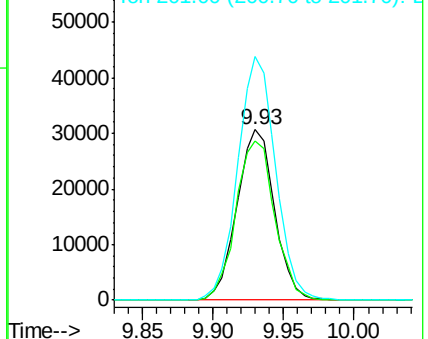
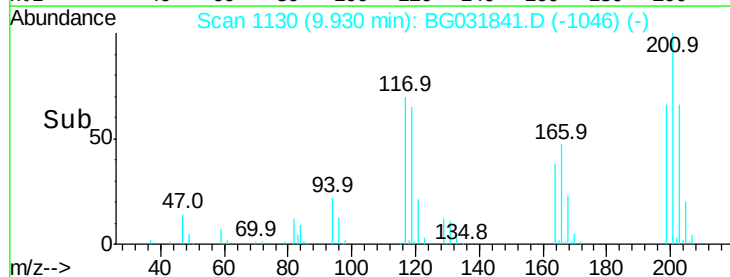


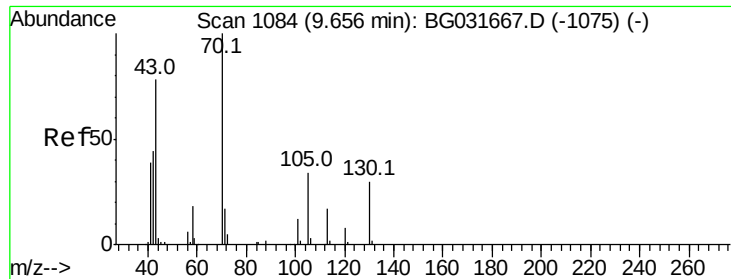
Abundance

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

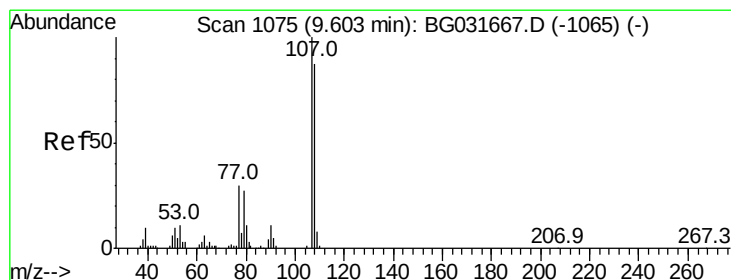
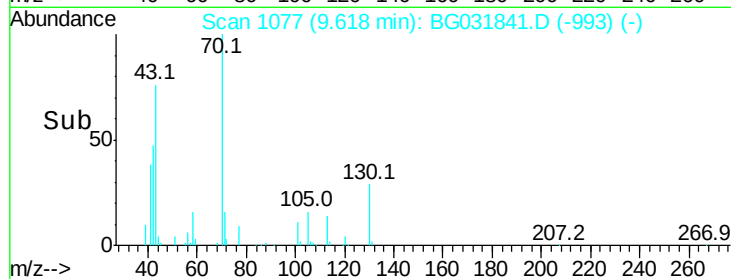
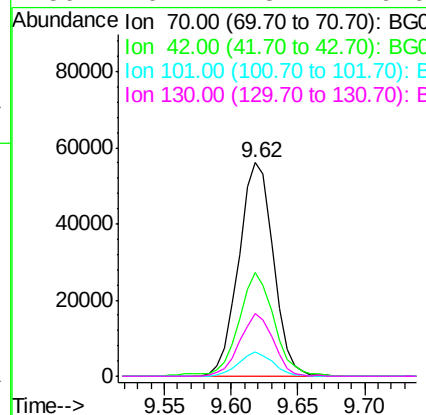
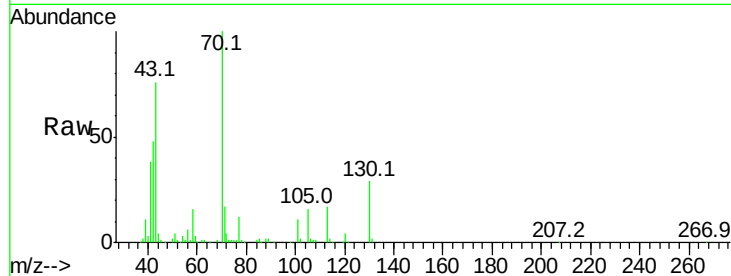




#19
n-Nitroso-di-n-propylamine
Concen: 37.129 ng
RT: 9.62 min Scan# 1077
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

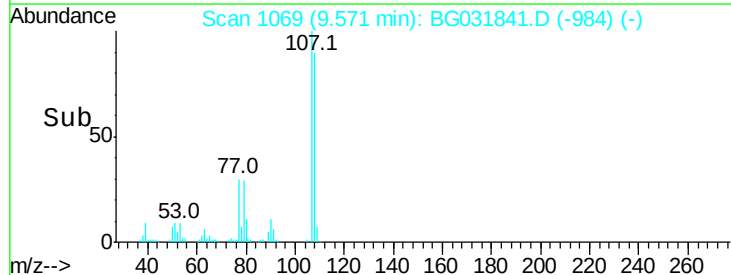
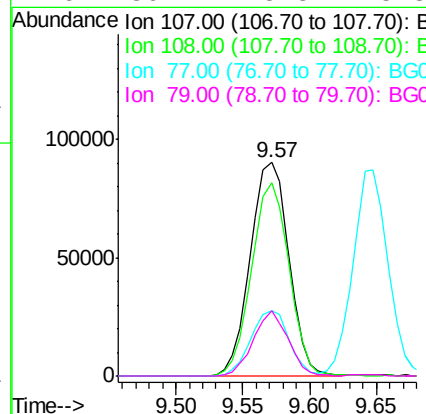
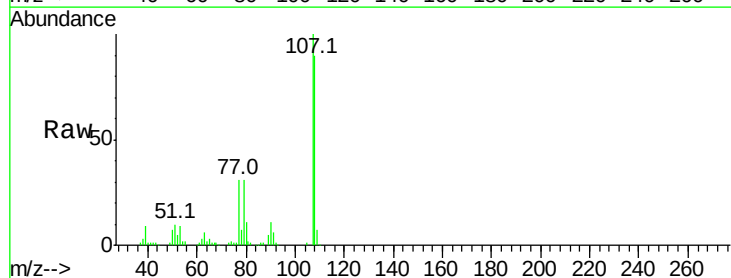
Instrument :
BNA_G
ClientSampleId :

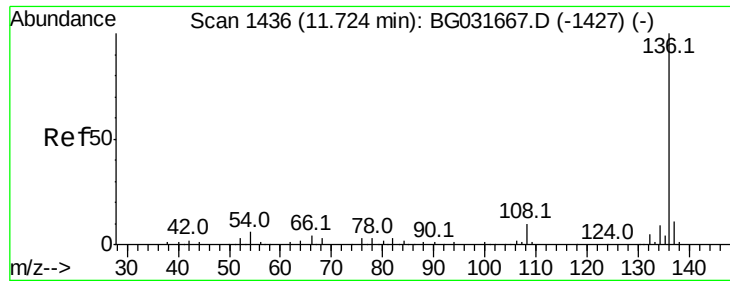
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.5	49.1	73.7#
101	11.1	8.5	12.7
130	29.1	13.4	20.0#



#20
3+4-Methylphenols
Concen: 44.063 ng
RT: 9.57 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	61.6	101.6
77	30.6	13.9	53.9
79	30.7	8.8	48.8

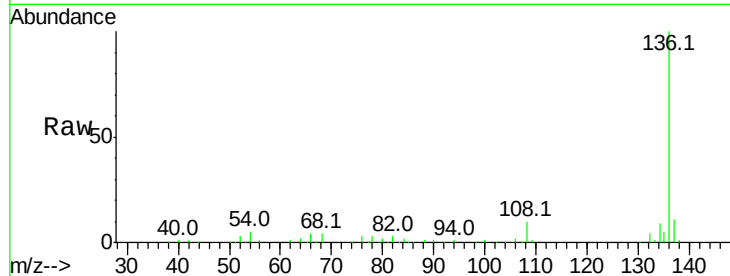




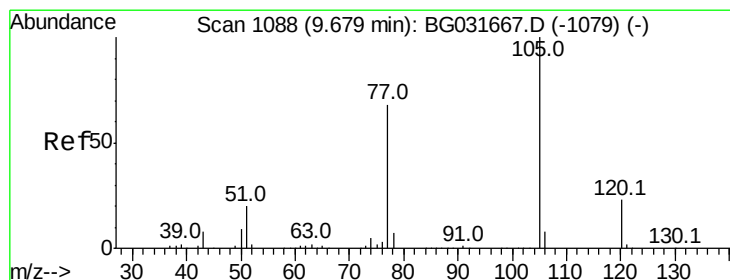
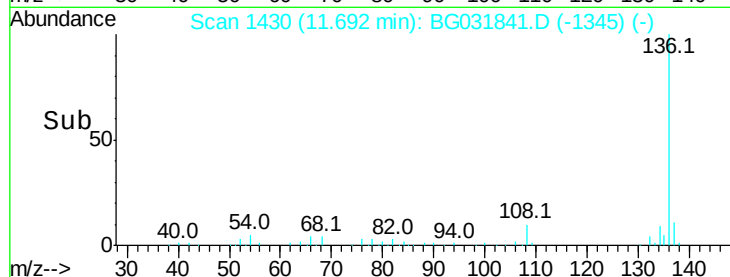
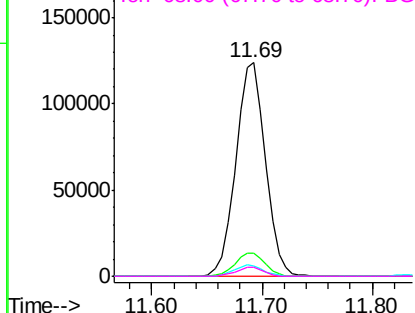
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	232291
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.1	10.3	15.5#
68	4.0	4.5	6.7#

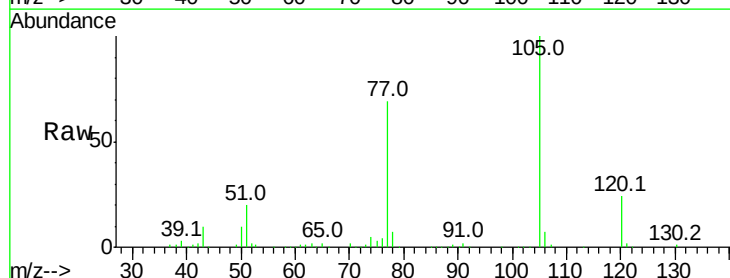


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

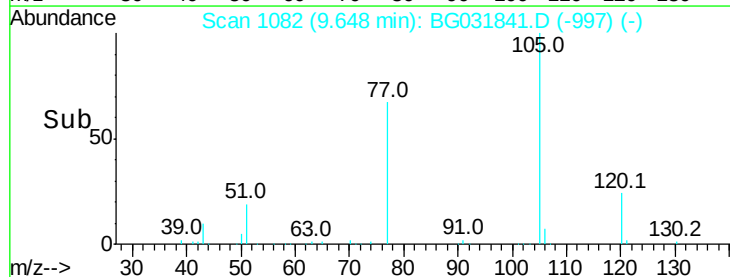
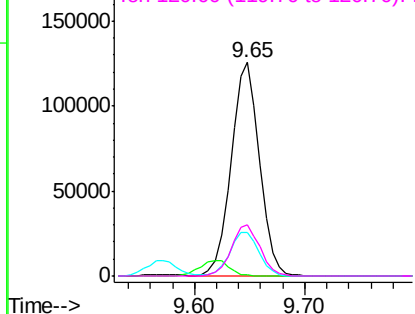


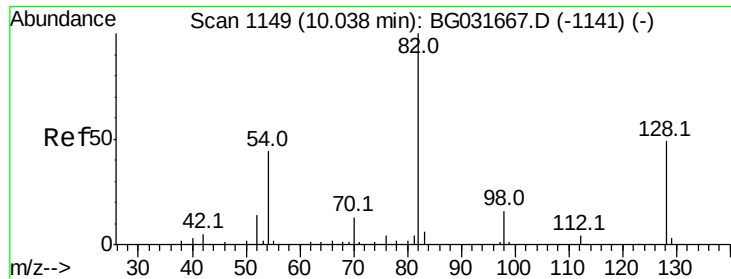
#22
Acetophenone
Concen: 41.796 ng
RT: 9.65 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion:	105	Resp:	225564
Ion	Ratio	Lower	Upper
105	100		
71	0.3	3.0	4.4#
51	20.3	26.1	39.1#
120	23.8	17.4	26.2



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

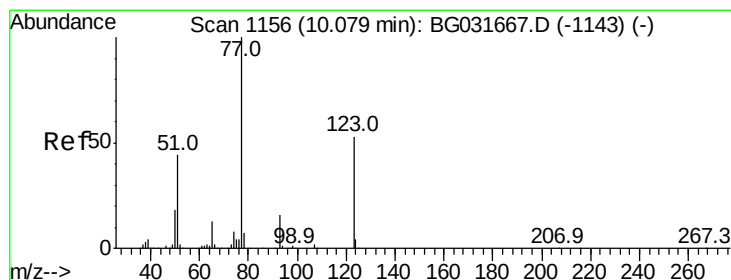
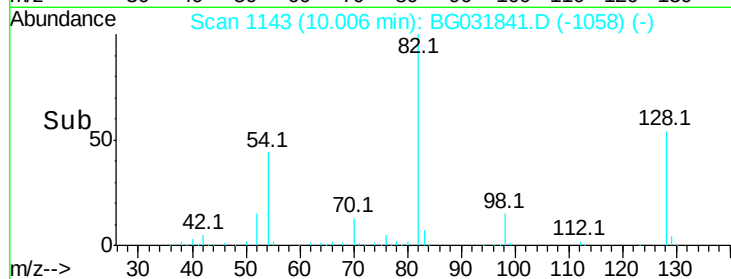
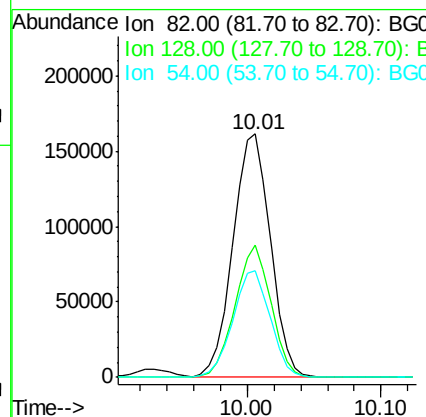
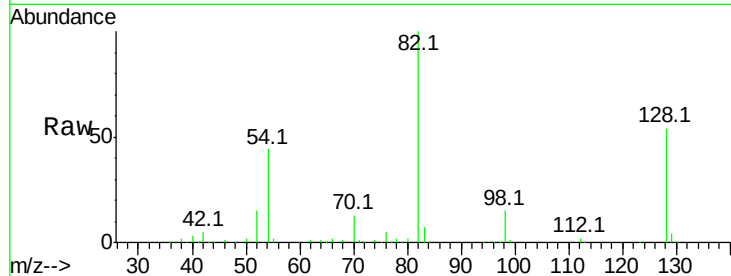




#23
 Nitrobenzene-d5
 Concen: 102.379 ng
 RT: 10.01 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

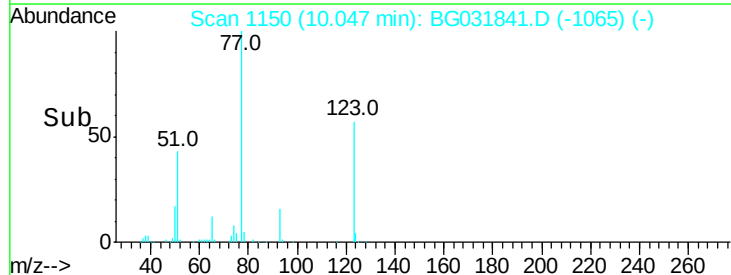
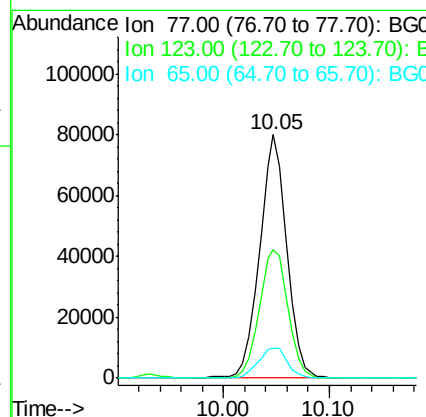
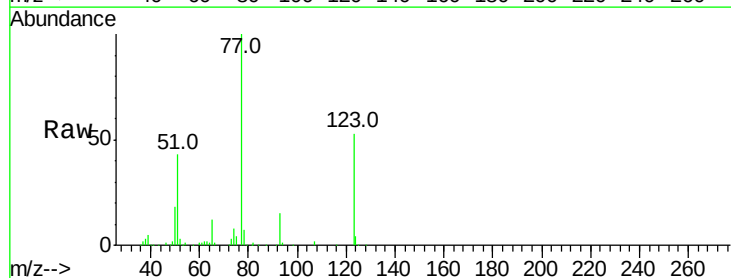
Instrument :
 BNA_G
 ClientSampled :

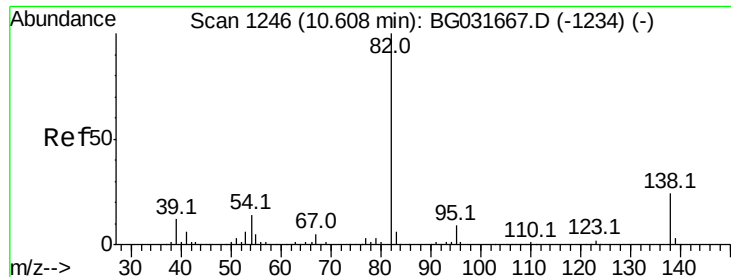
Tot Ion: 82 Resp: 314940
 Ion Ratio Lower Upper
 82 100
 128 54.1 29.7 44.5#
 54 43.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 45.043 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion: 77 Resp: 142806
 Ion Ratio Lower Upper
 77 100
 123 52.8 33.0 49.6#
 65 12.1 13.0 19.6#





#25

Isophorone

Concen: 42.261 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

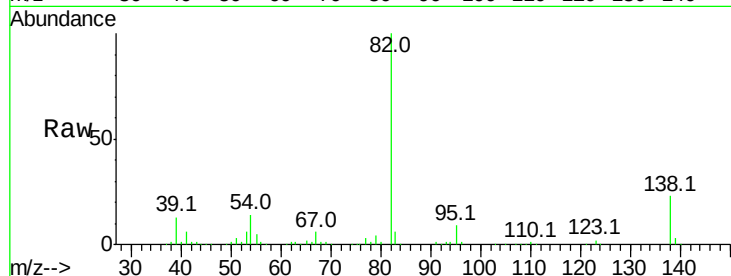
Tot Ion: 82 Resp: 279858

Ion Ratio Lower Upper

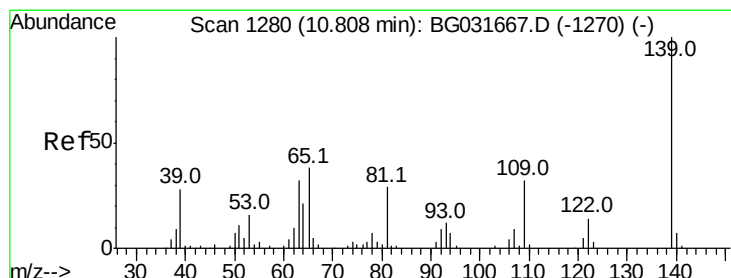
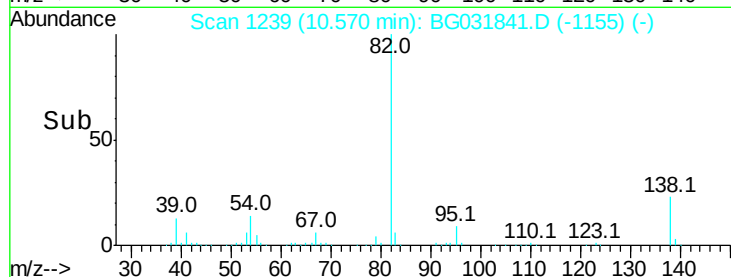
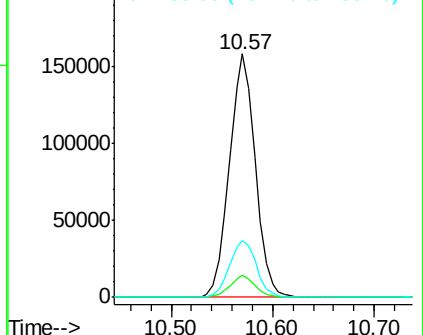
82 100

95 9.0 6.2 9.2

138 23.1 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 56.925 ng

RT: 10.78 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

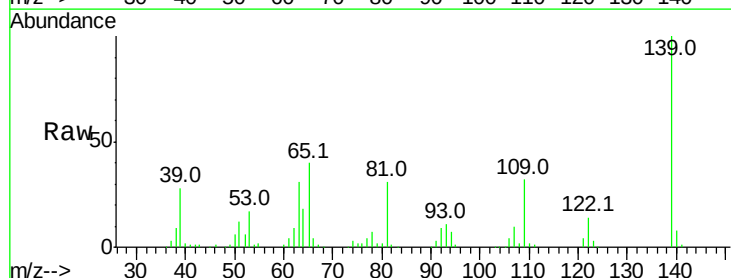
Tgt Ion:139 Resp: 94628

Ion Ratio Lower Upper

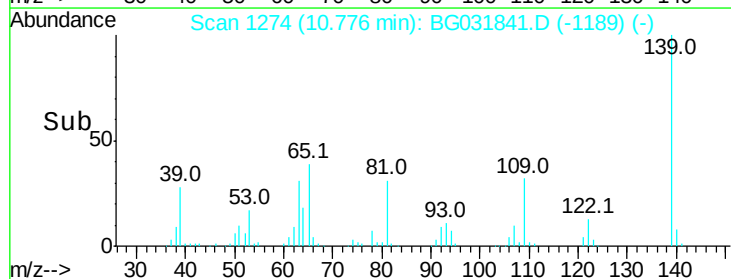
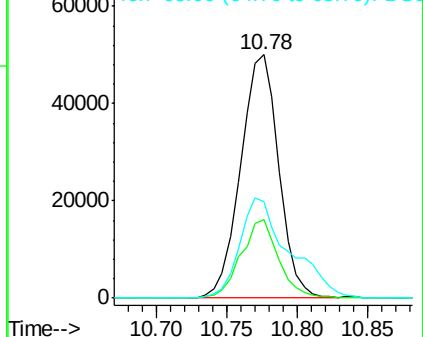
139 100

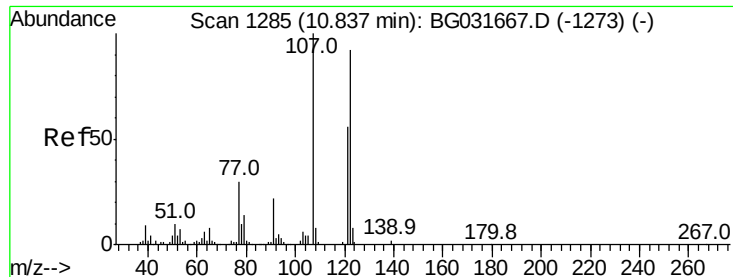
109 32.5 24.2 36.2

65 39.6 47.4 71.0#



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

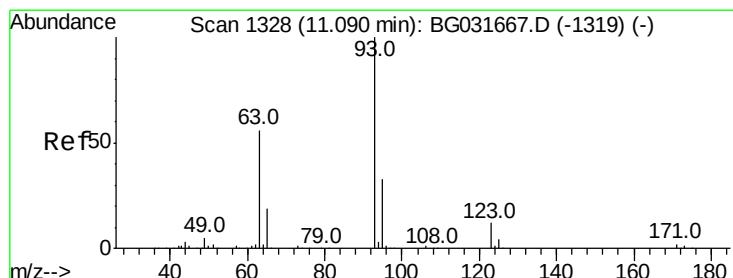
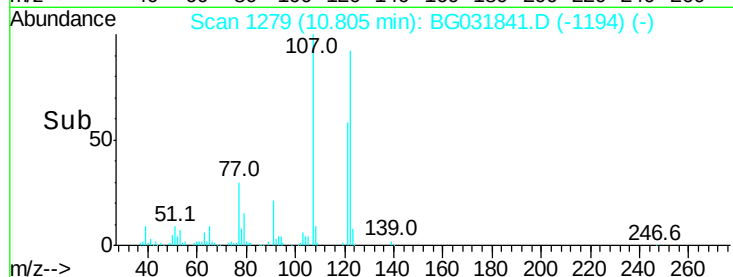
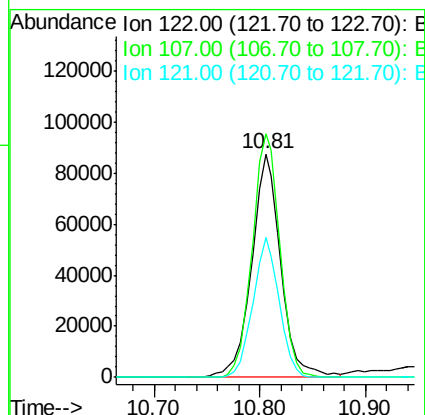
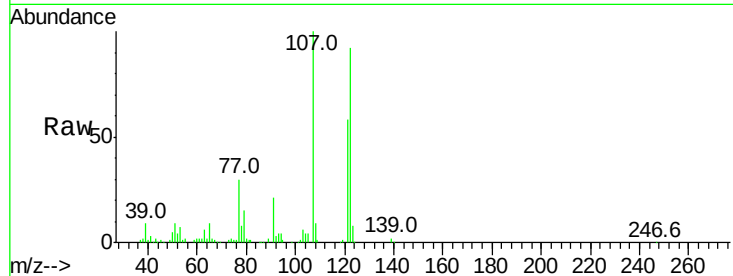




#27
2,4-Dimethylphenol
Concen: 48.263 ng
RT: 10.81 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

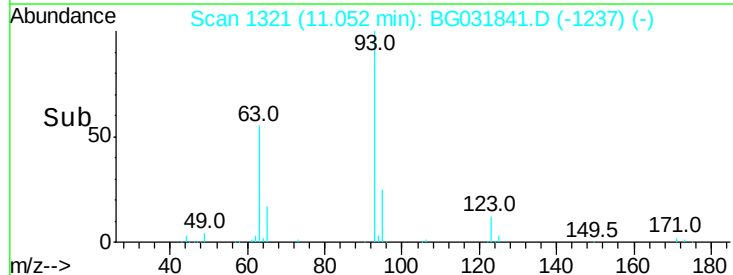
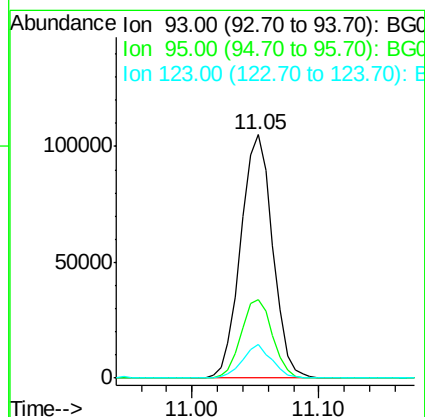
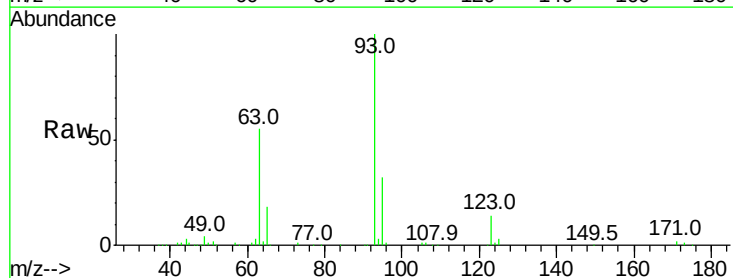
Instrument :
BNA_G
ClientSampleId :

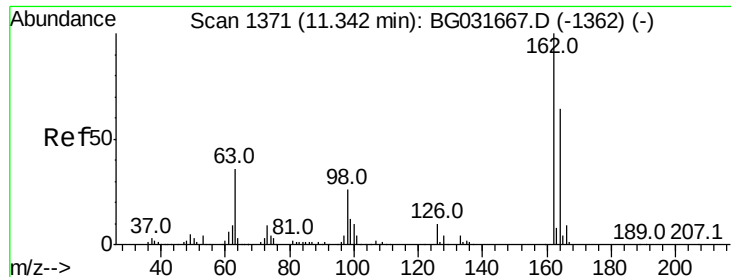
Tot Ion:122 Resp: 168822
Ion Ratio Lower Upper
122 100
107 108.9 100.2 150.2
121 62.9 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.241 ng
RT: 11.05 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion: 93 Resp: 183254
Ion Ratio Lower Upper
93 100
95 32.1 24.3 36.5
123 14.1 8.4 12.6#

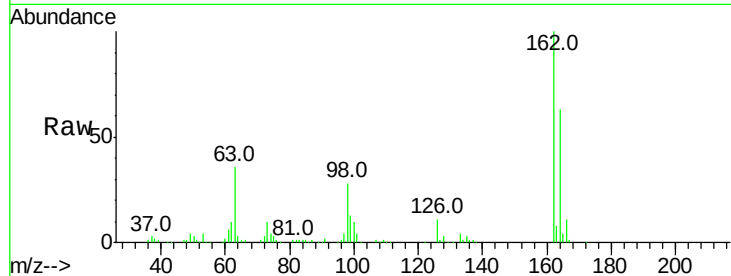




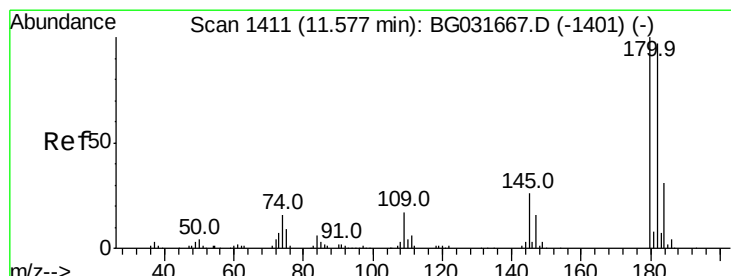
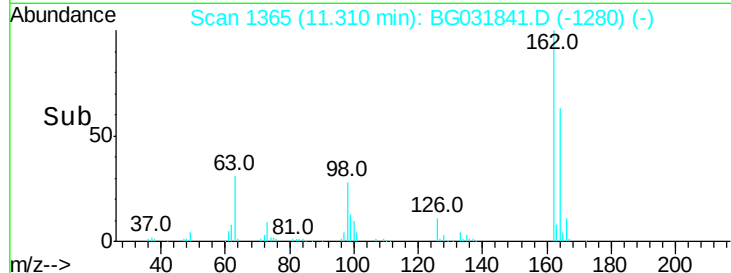
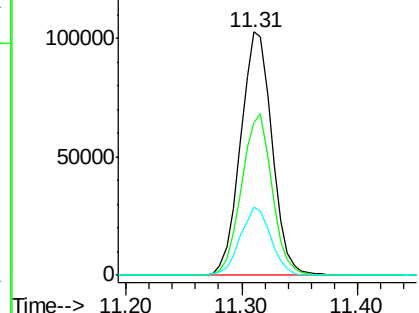
#29
 2,4-Dichlorophenol
 Concen: 47.301 ng
 RT: 11.31 min Scan# 1365
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	48.0	88.0
98	28.2	21.1	61.1

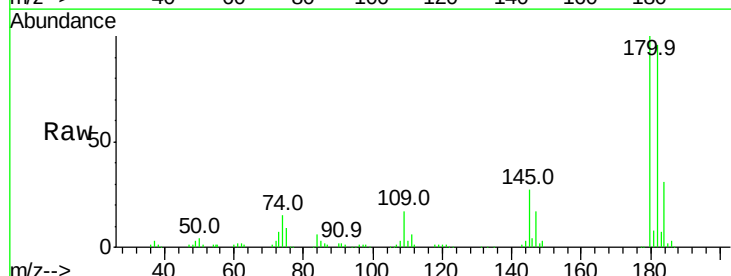


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

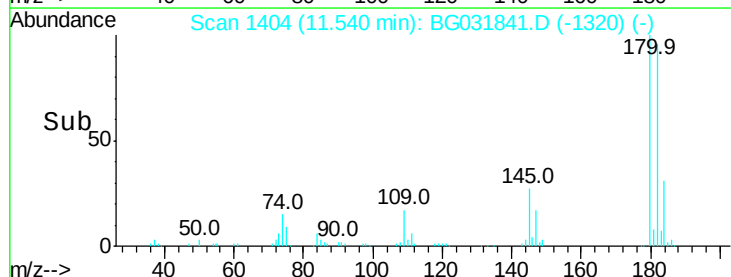
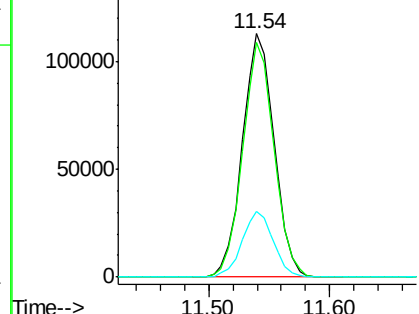


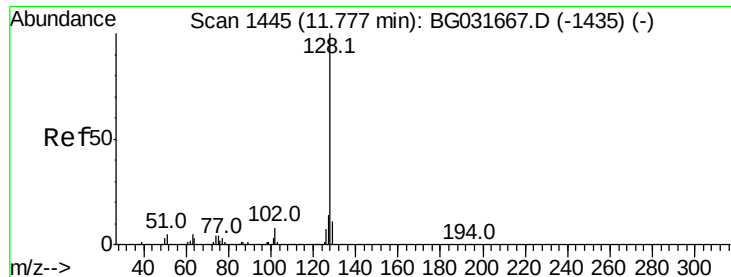
#30
 1,2,4-Trichlorobenzene
 Concen: 41.267 ng
 RT: 11.54 min Scan# 1404
 Delta R.T. -0.04 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	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

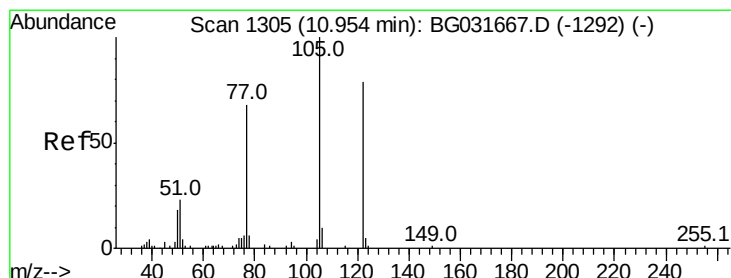
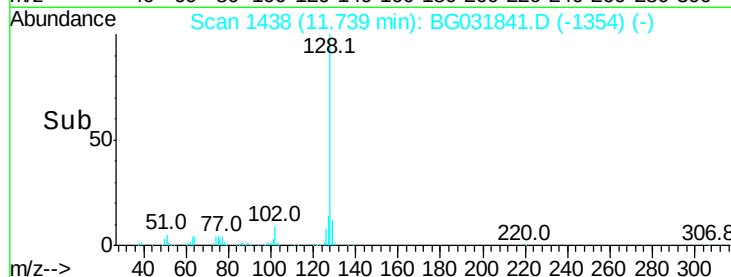
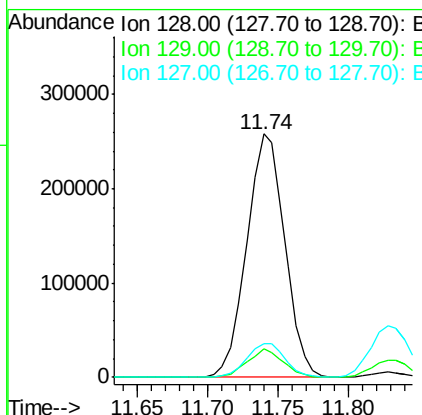
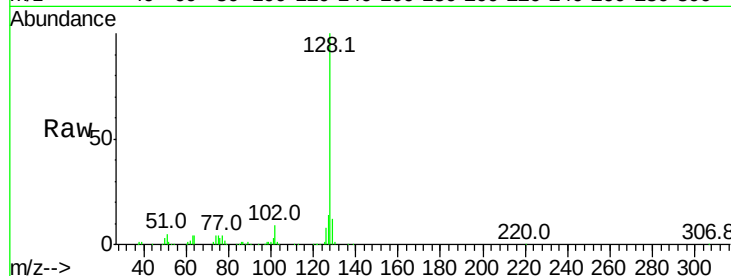




#31
Naphthalene
Concen: 41.570 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

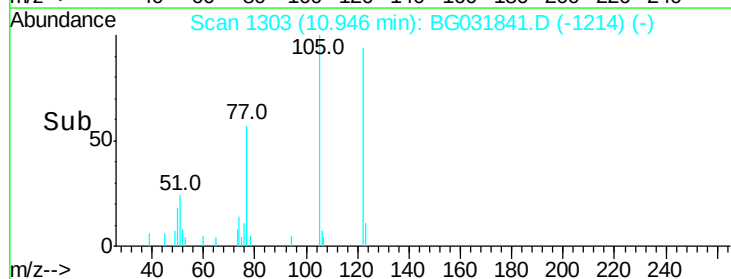
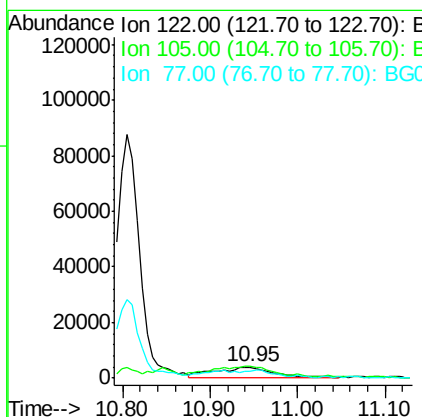
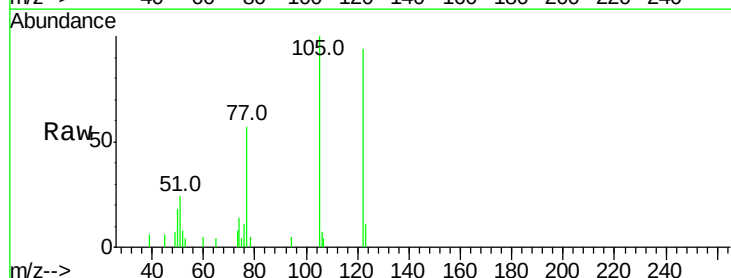
Instrument :
BNA_G
ClientSampleId :

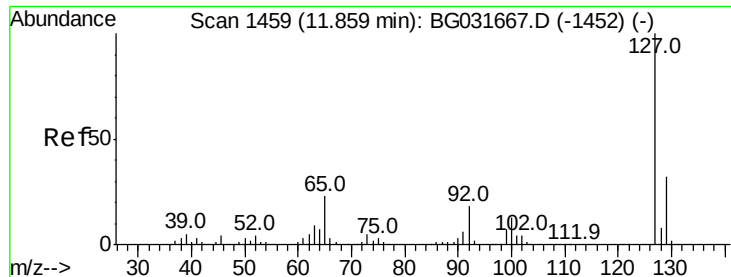
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	13.9	11.6	17.4



#32
Benzoic acid
Concen: 13.604 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.2	123.5	163.5#
77	60.4	85.7	125.7#

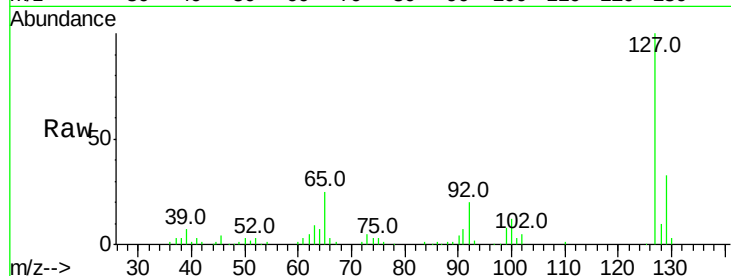




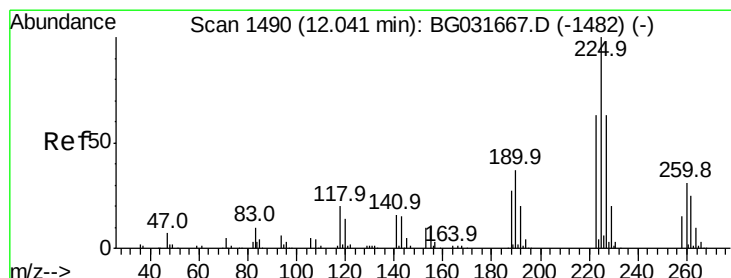
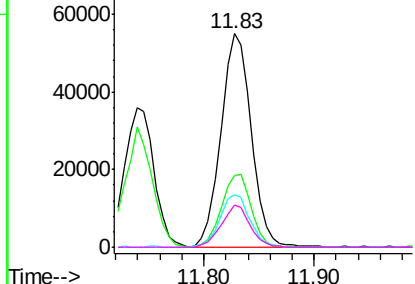
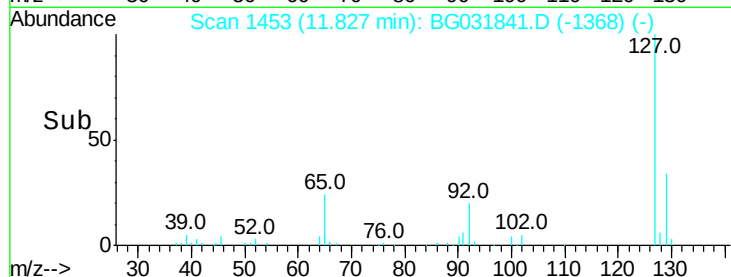
#33
4-Chloroaniline
Concen: 20.188 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	105369
Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.0	36.0
65	24.6	27.0	40.4
92	19.6	16.6	25.0

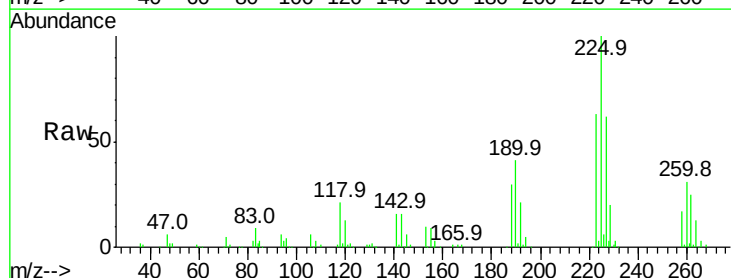


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

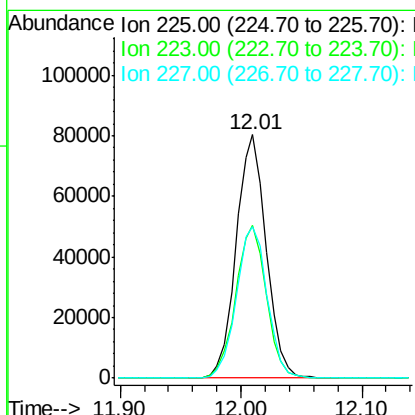
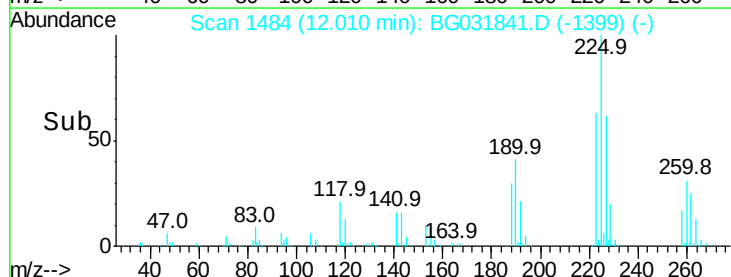


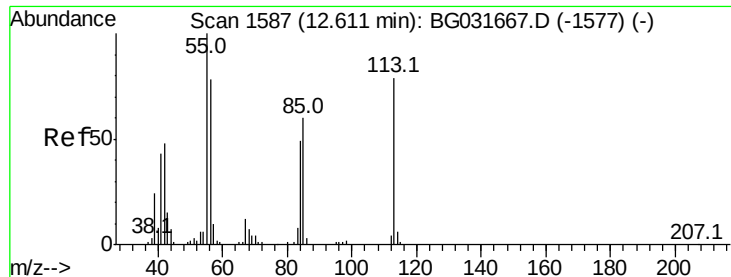
#34
Hexachlorobutadiene
Concen: 40.334 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion:	225	Resp:	138841
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	62.1	48.1	72.1



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





#35

Caprolactam

Concen: 45.595 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

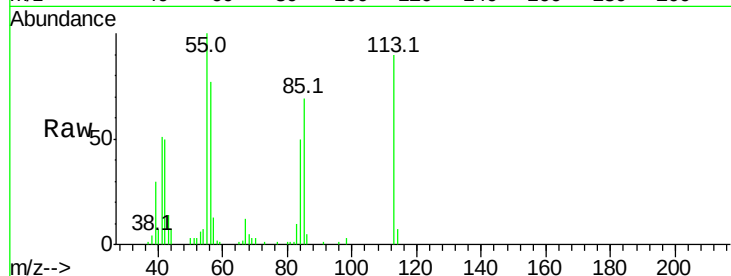
Tot Ion:113 Resp: 56754

Ion Ratio Lower Upper

113 100

55 111.4 186.9 226.9#

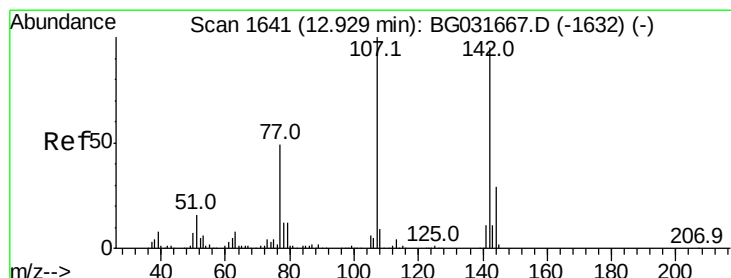
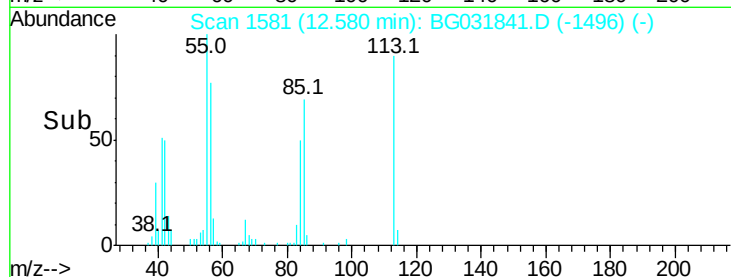
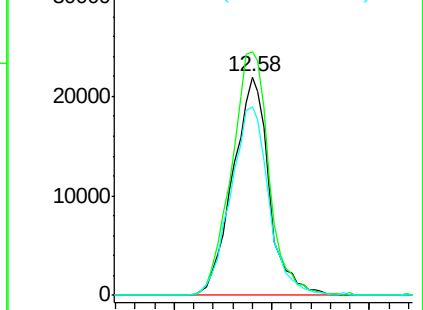
56 86.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.269 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

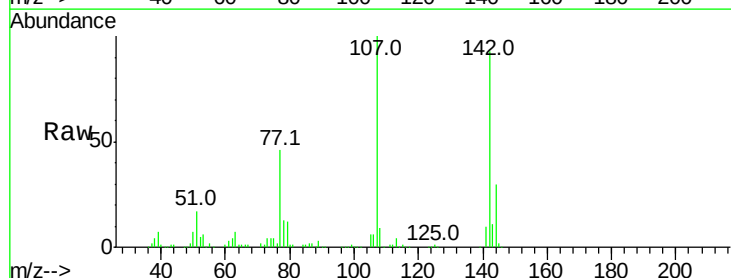
Tgt Ion:107 Resp: 167896

Ion Ratio Lower Upper

107 100

144 29.9 18.2 27.4#

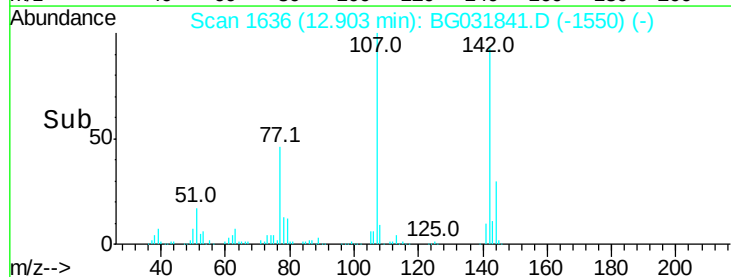
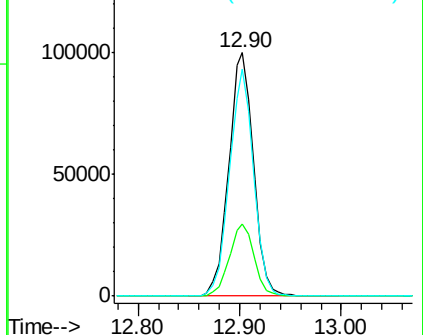
142 93.3 59.0 88.4#

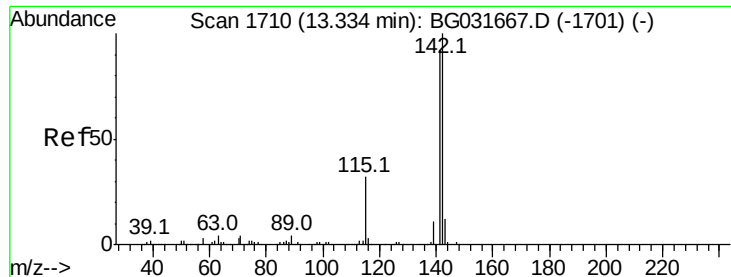


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

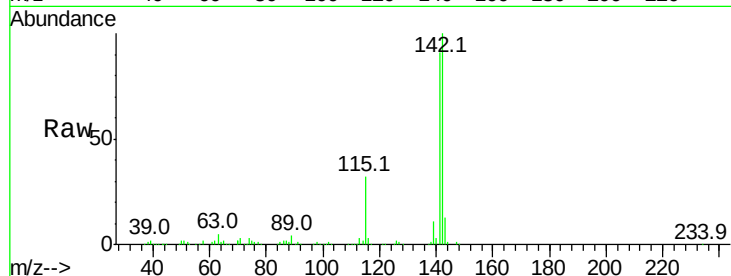




#37
2-Methylnaphthalene
Concen: 42.089 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	67.1	100.7
115	32.5	30.7	46.1

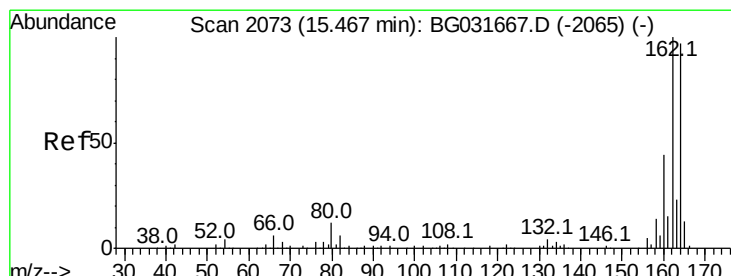
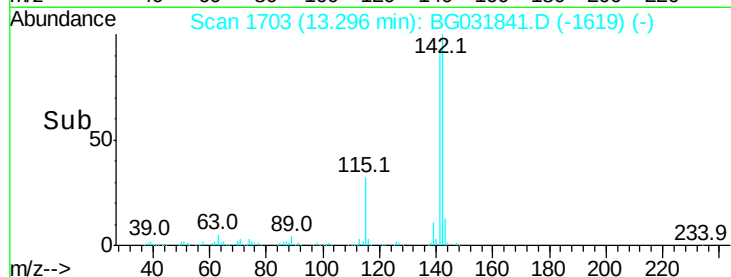
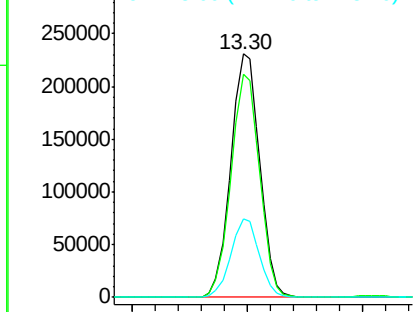


Abundance

Ion 142.00 (141.70 to 142.70): E

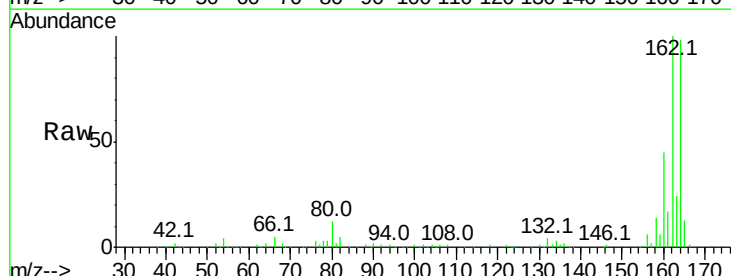
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	46.4	35.4	53.0

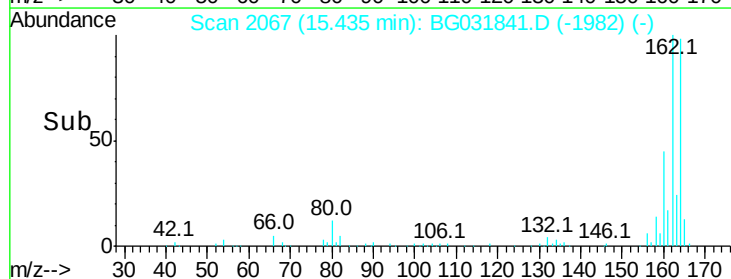
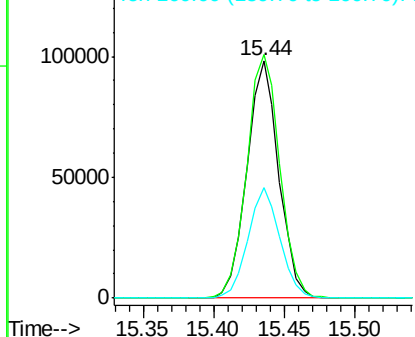


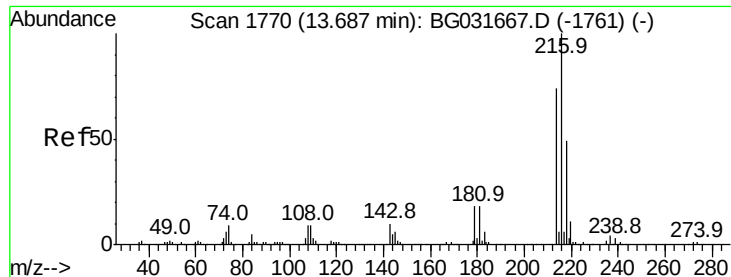
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.093 ng

RT: 13.65 min Scan# 1763

Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 274538

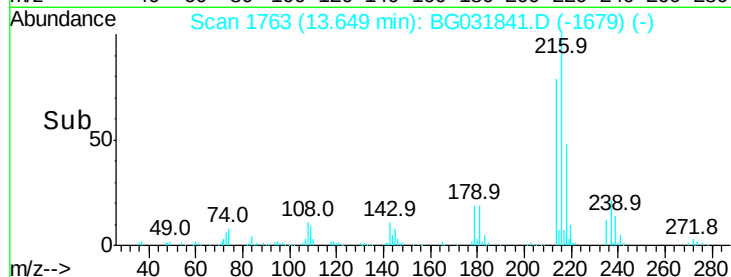
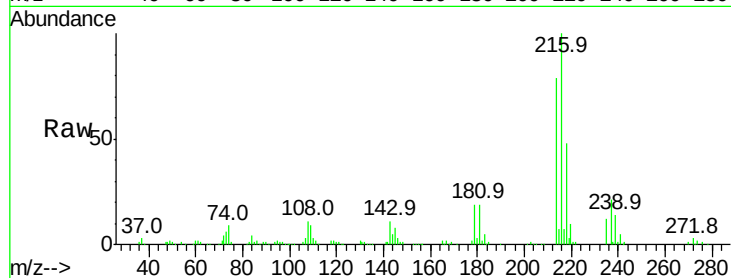
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 18.5 17.0 25.6

108 12.3 12.8 19.2#

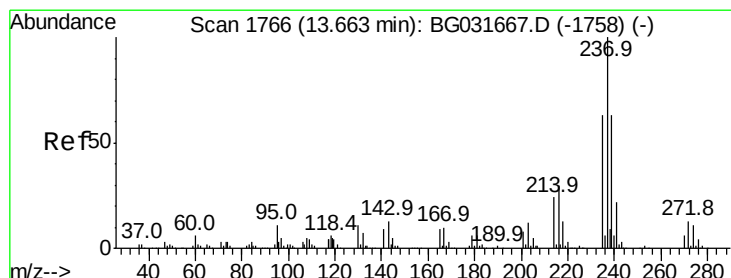
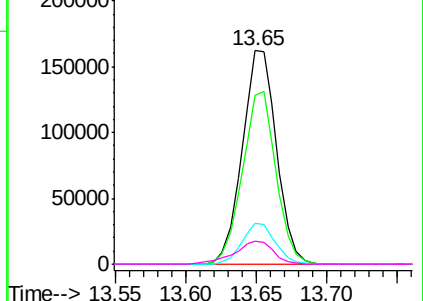


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.915 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

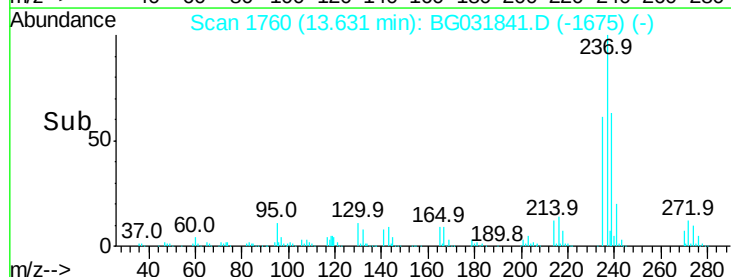
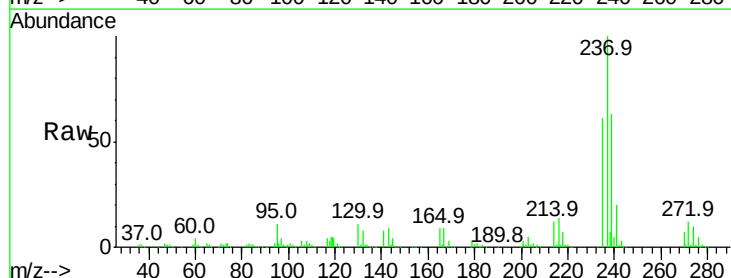
Tgt Ion:237 Resp: 323130

Ion Ratio Lower Upper

237 100

235 60.5 50.4 90.4

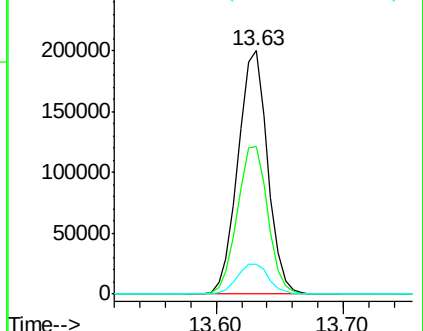
272 12.2 0.0 31.8

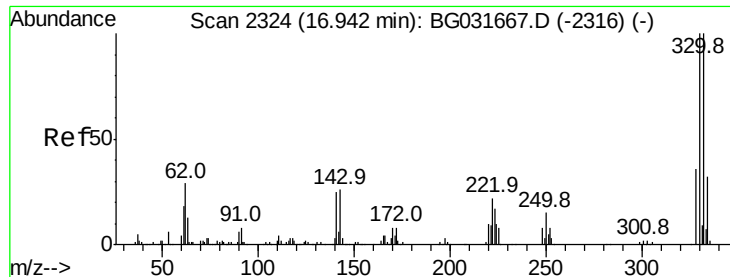


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

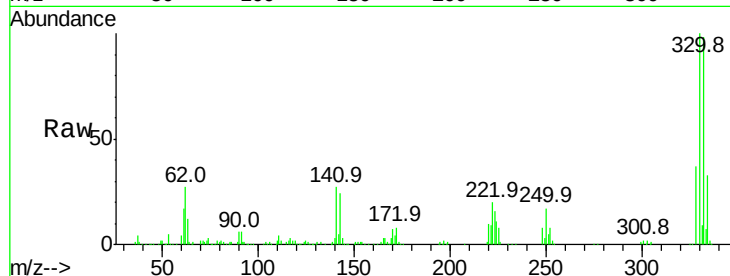




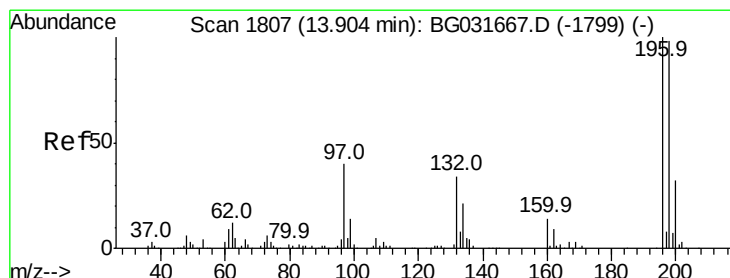
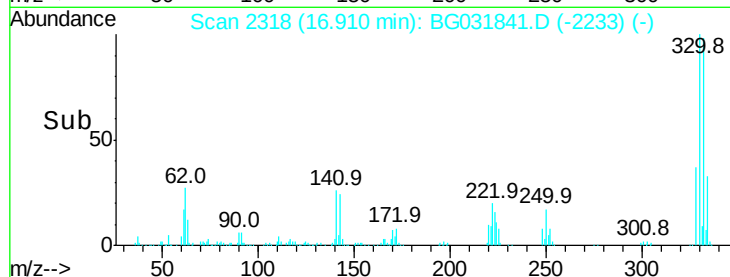
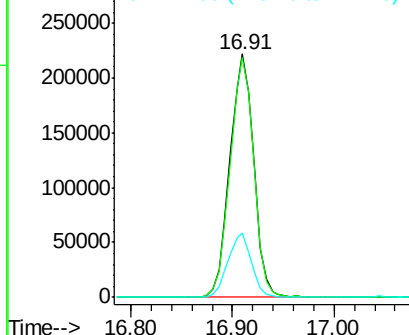
#41
 2,4,6-Tribromophenol
 Concen: 152.781 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	26.0	25.2	37.8

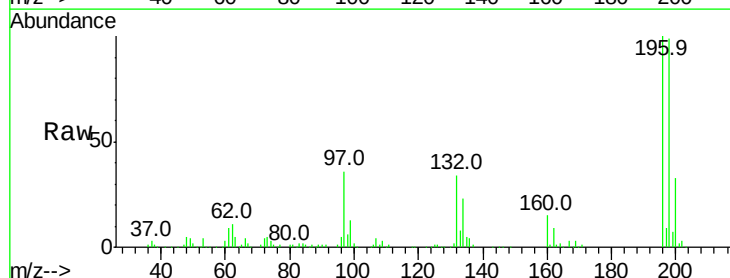


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

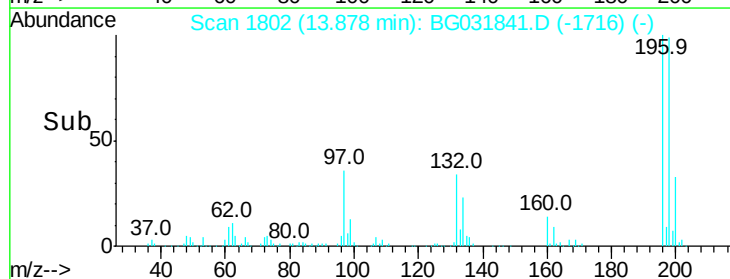
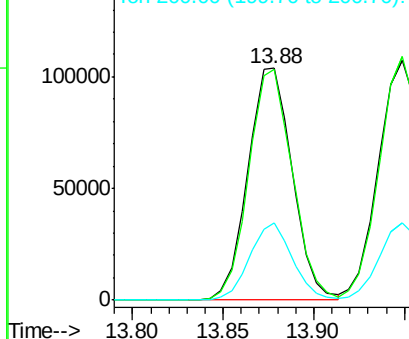


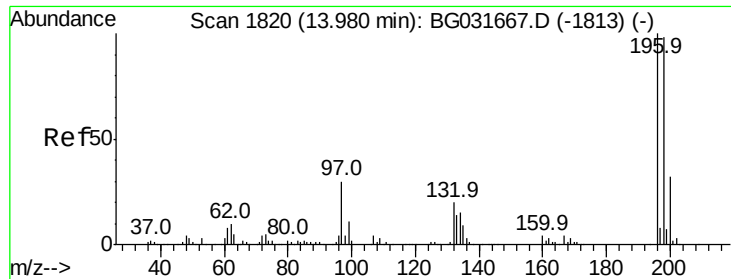
#42
 2,4,6-Trichlorophenol
 Concen: 47.003 ng
 RT: 13.88 min Scan# 1802
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.2	117.2
200	33.1	24.6	36.8



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

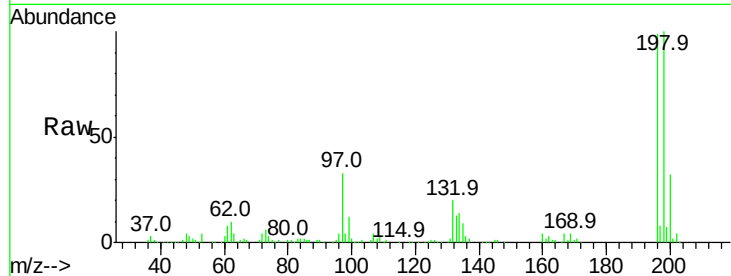




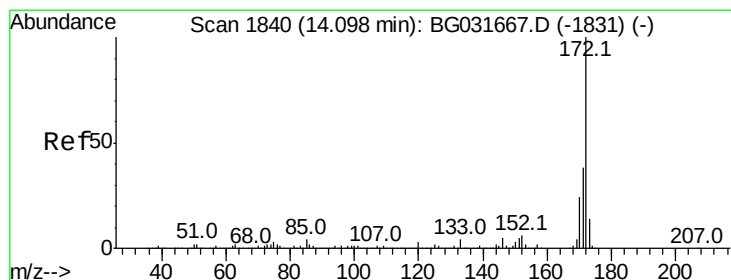
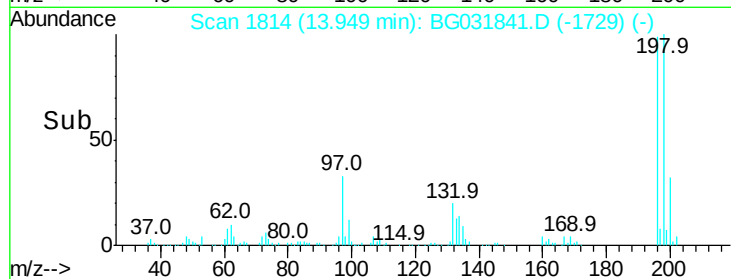
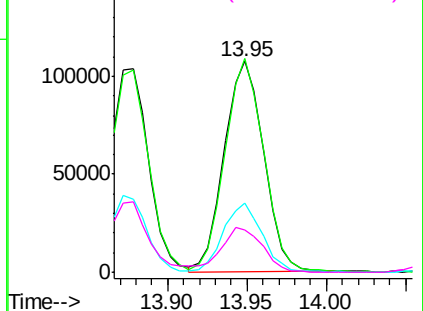
#43
 2,4,5-Trichlorophenol
 Concen: 44.455 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.3	76.2	114.4
97	32.9	38.7	58.1
132	20.3	20.2	30.2



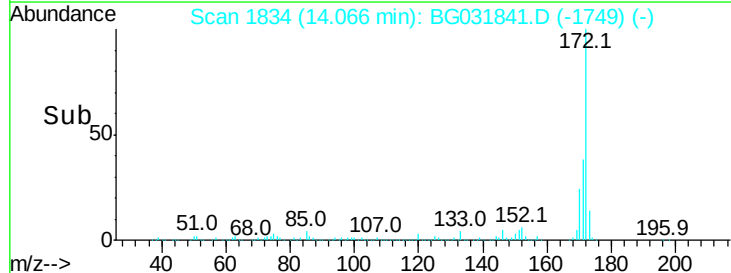
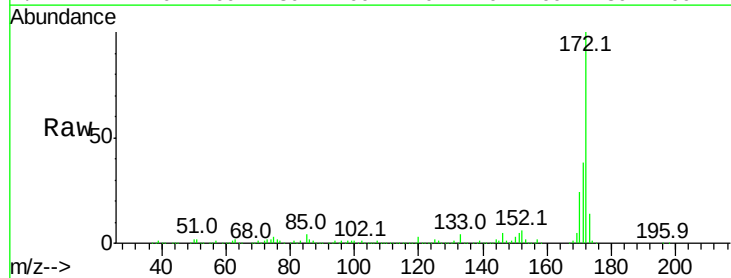
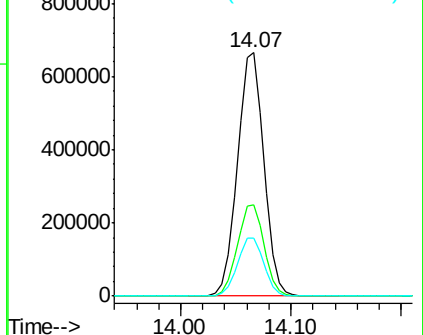
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

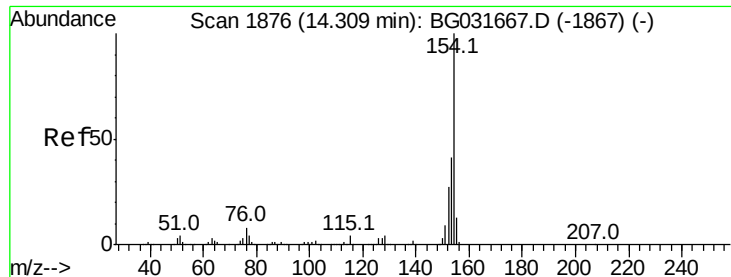


#44
 2-Fluorobiphenyl
 Concen: 90.725 ng
 RT: 14.07 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.8	19.5	29.3

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.715 ng

RT: 14.28 min Scan# 1870

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

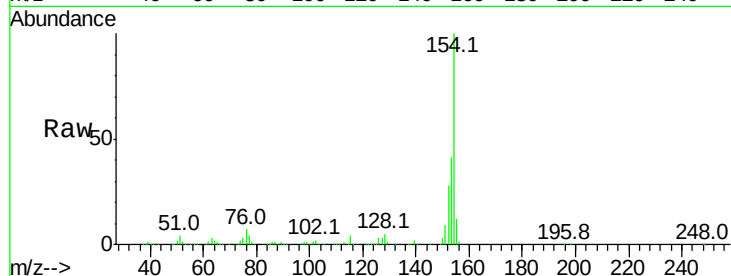
Tot Ion:154 Resp: 564909

Ion Ratio Lower Upper

154 100

153 41.2 19.8 59.8

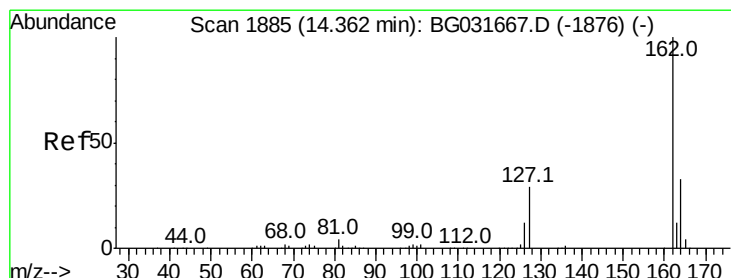
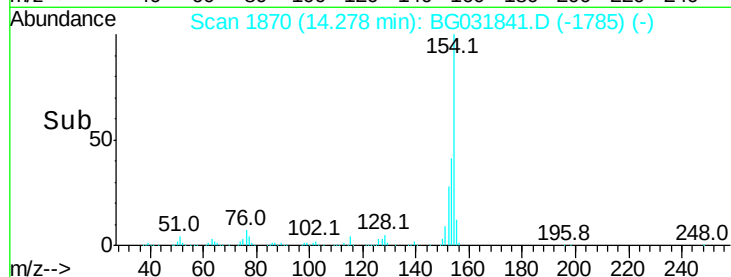
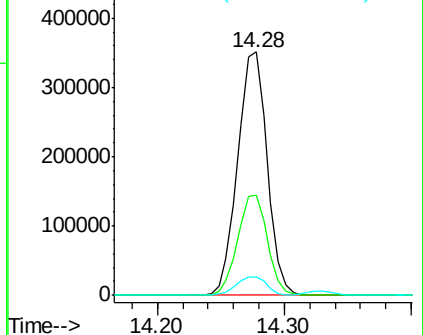
76 7.3 0.0 31.9



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: 42.070 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

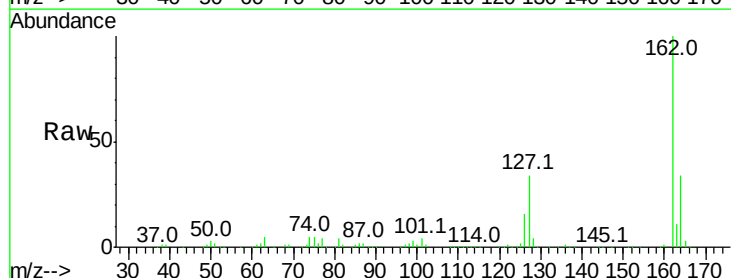
Tgt Ion:162 Resp: 424384

Ion Ratio Lower Upper

162 100

127 34.3 30.7 46.1

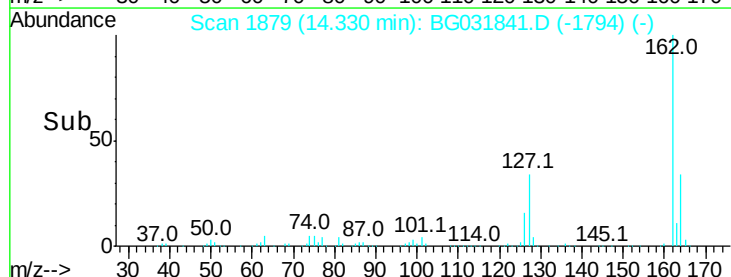
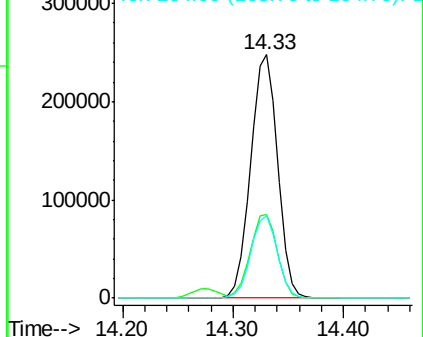
164 33.7 26.0 39.0

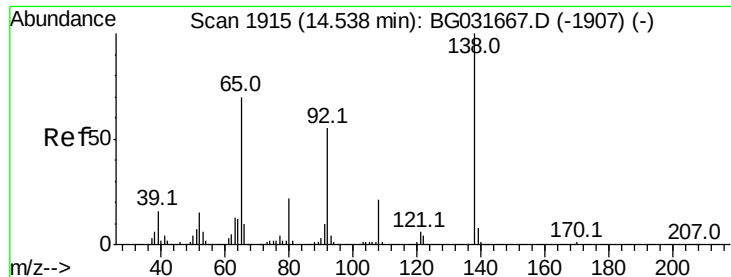


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

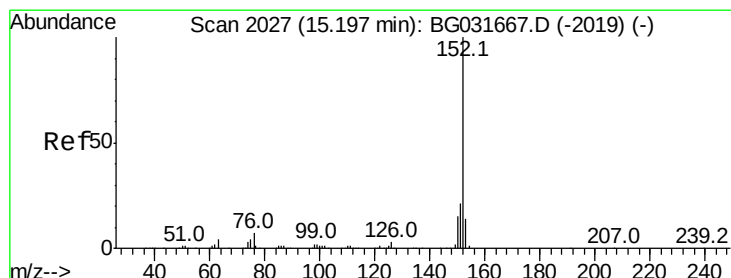
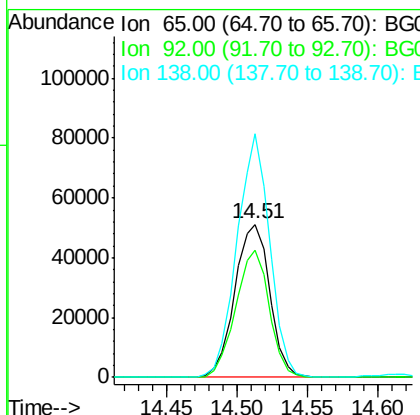
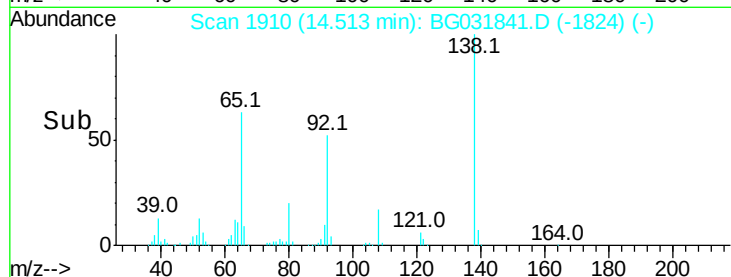
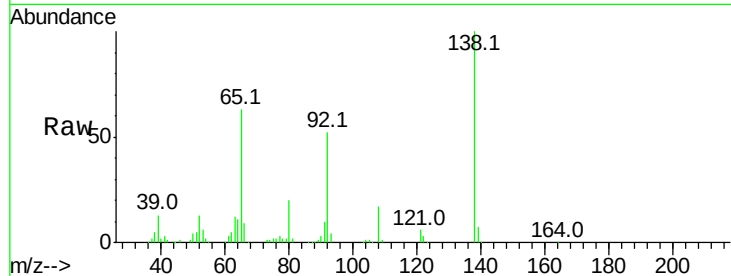




#47
 2-Nitroaniline
 Concen: 50.942 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

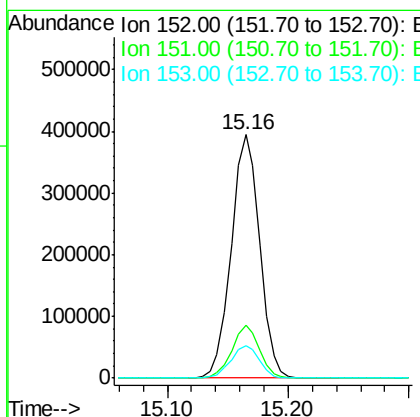
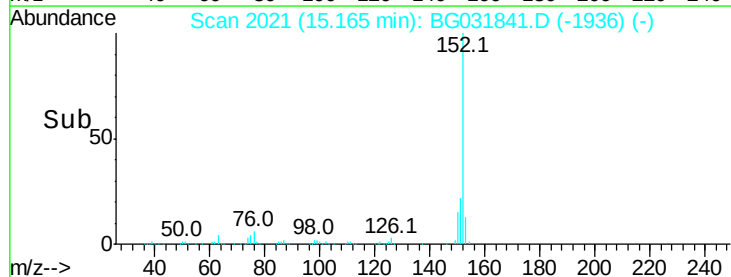
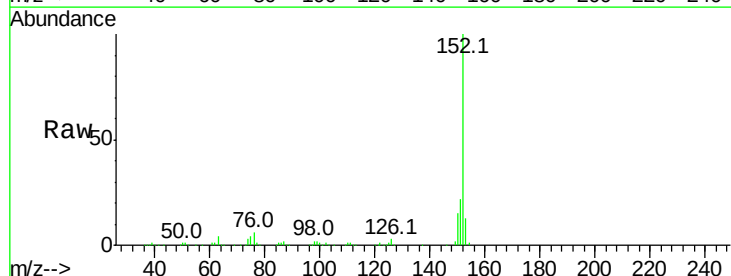
Instrument :
 BNA_G
 ClientSampled :

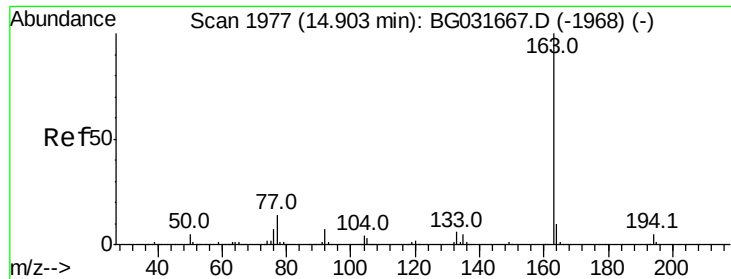
Tot Ion	Ratio	Lower	Upper
65	100		
92	83.2	54.6	82.0#
138	158.8	72.9	109.3#



#48
 Acenaphthylene
 Concen: 39.933 ng
 RT: 15.16 min Scan# 2021
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	13.3	10.2	15.4

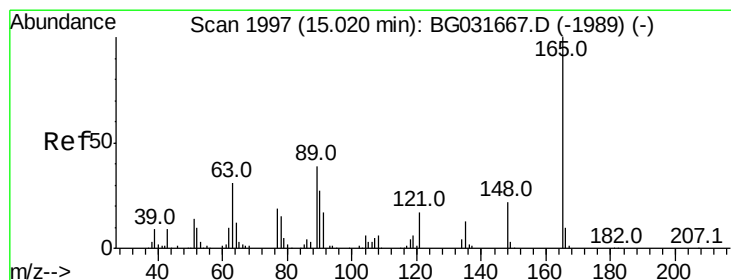
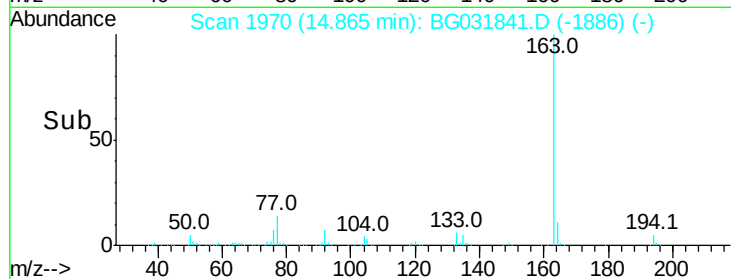
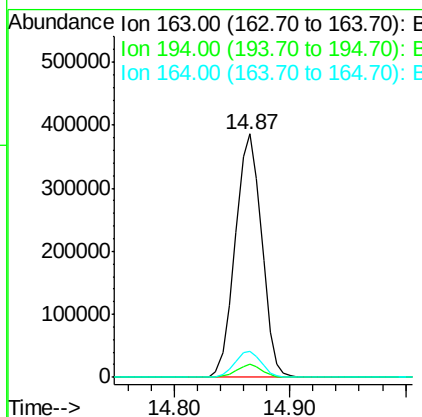
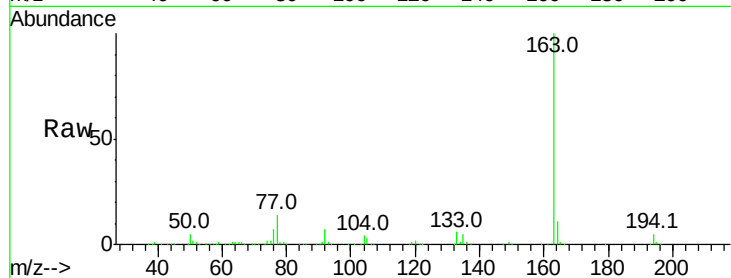




#49
Dimethylphthalate
Concen: 44.908 ng
RT: 14.87 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

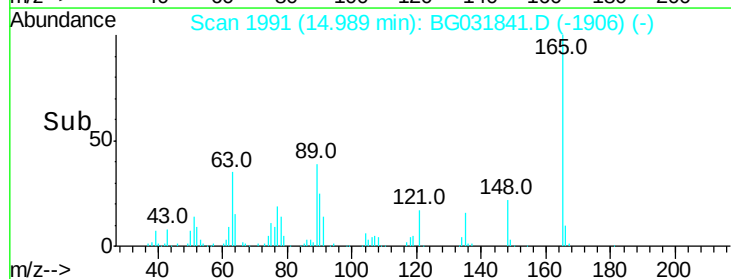
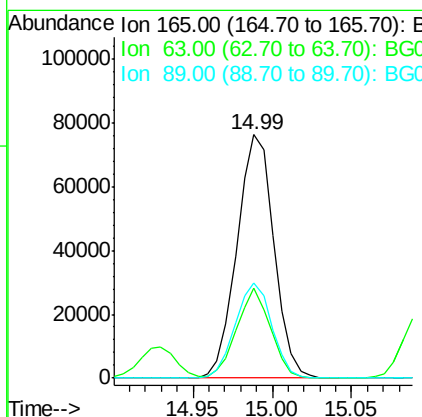
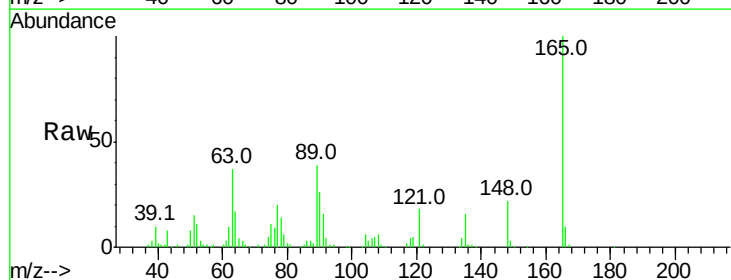
Instrument :
BNA_G
ClientSampleId :

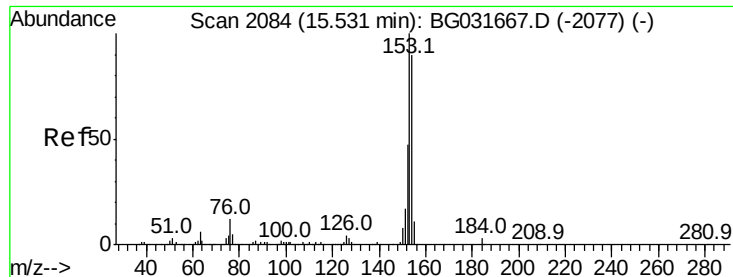
Tot Ion:163 Resp: 612599
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 49.034 ng
RT: 14.99 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion:165 Resp: 123048
Ion Ratio Lower Upper
165 100
63 37.0 52.7 79.1#
89 39.3 49.2 73.8#





#51

Acenaphthene

Concen: 39.187 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031841.D

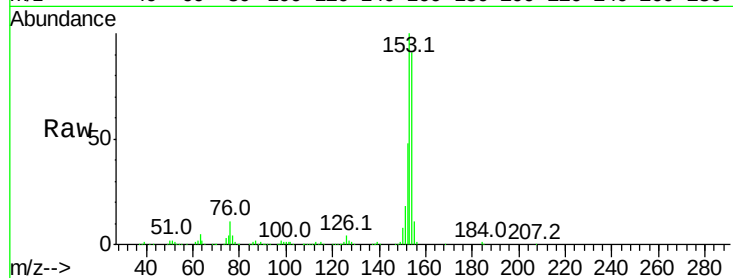
Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

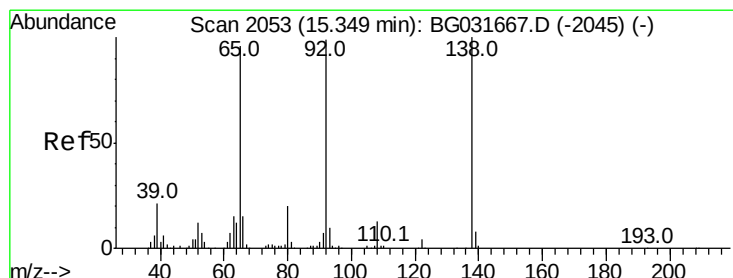
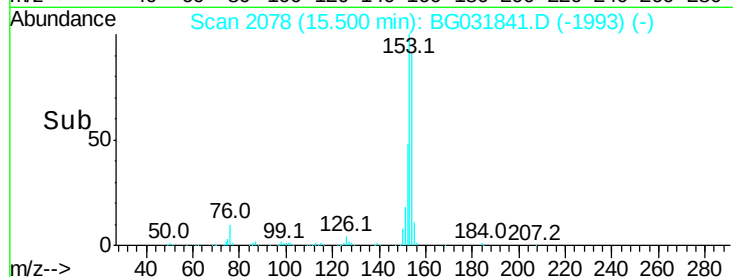
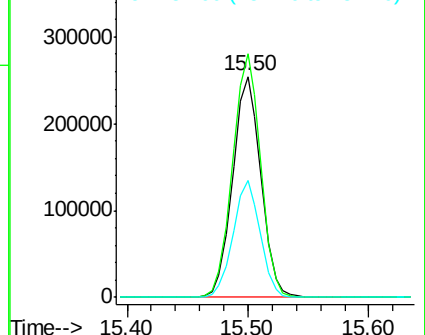
Tot Ion:	154	Resp:	414177
Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.4	135.6
152	52.8	41.6	62.4



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: 31.874 ng

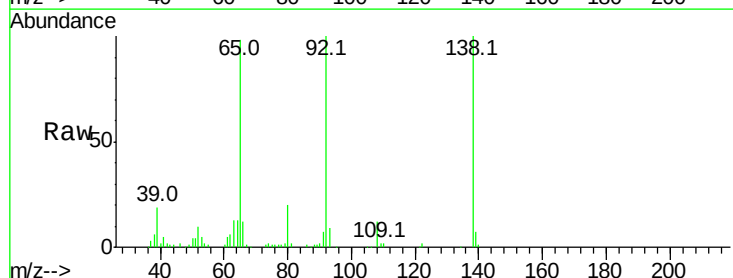
RT: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

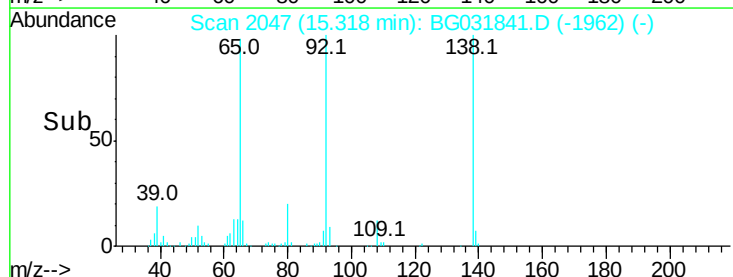
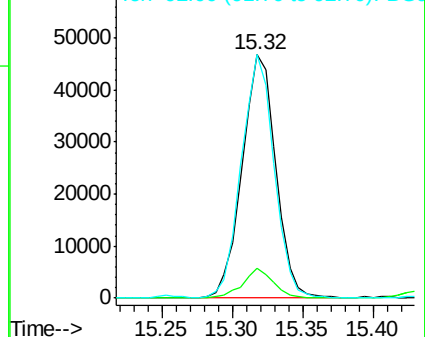
Tgt Ion:	138	Resp:	78036
Ion	Ratio	Lower	Upper
138	100		
108	12.0	17.5	26.3#
92	99.9	105.8	158.8#

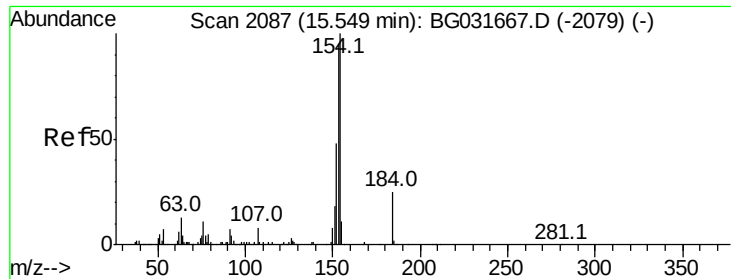


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

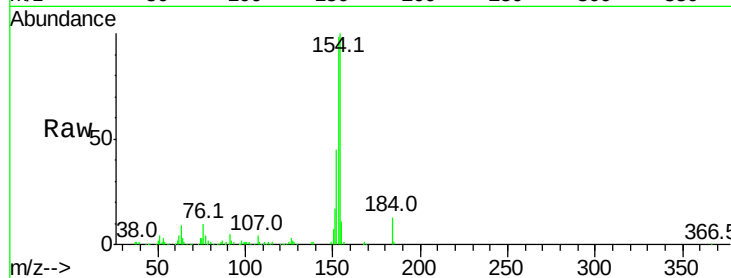




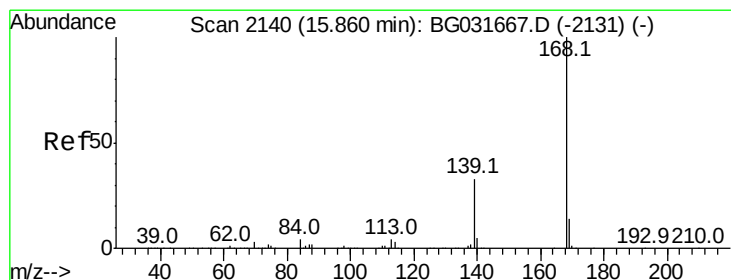
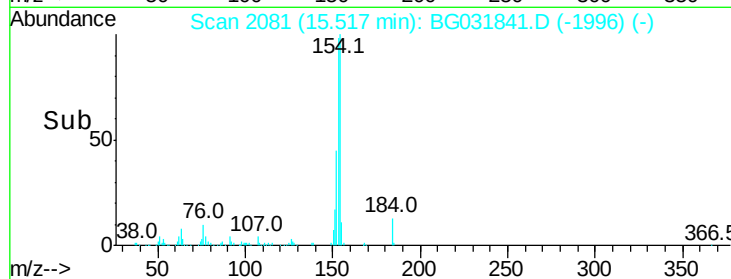
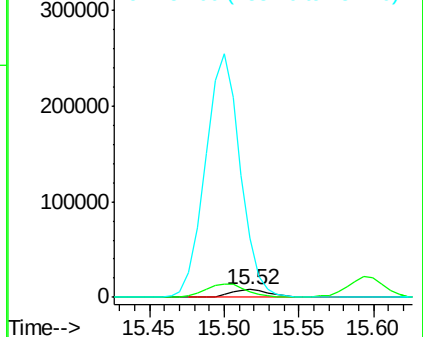
#53
2,4-Dinitrophenol
Concen: 20.963 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 15709
Ion Ratio Lower Upper
184 100
63 67.6 59.8 89.8
154 763.2 101.8 152.8#

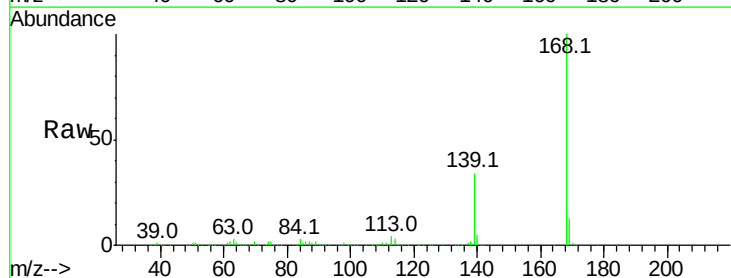


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

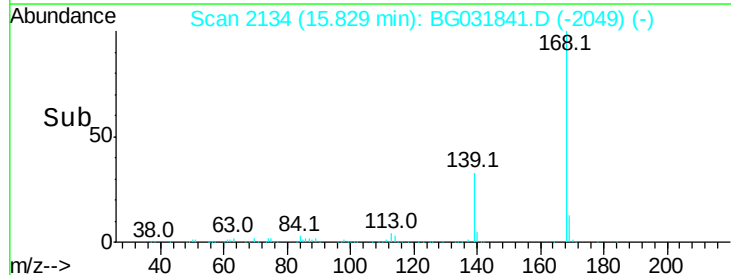
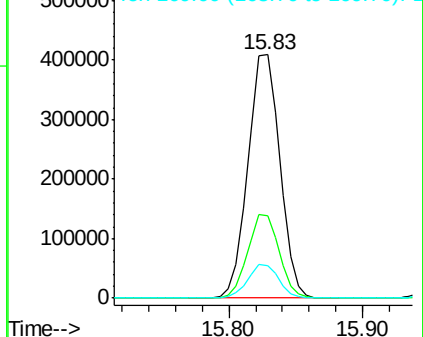


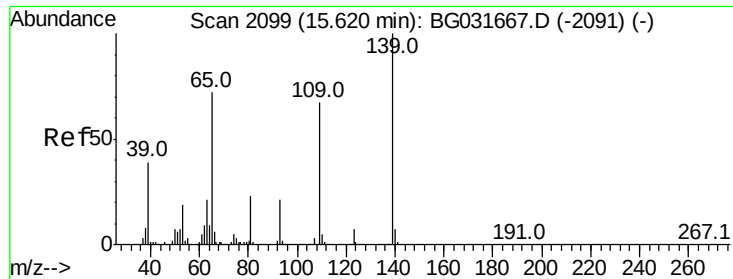
#54
Dibenzofuran
Concen: 41.536 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion:168 Resp: 672950
Ion Ratio Lower Upper
168 100
139 33.9 28.6 43.0
169 13.4 11.2 16.8



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





#55

4-Nitrophenol

Concen: 86.859 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

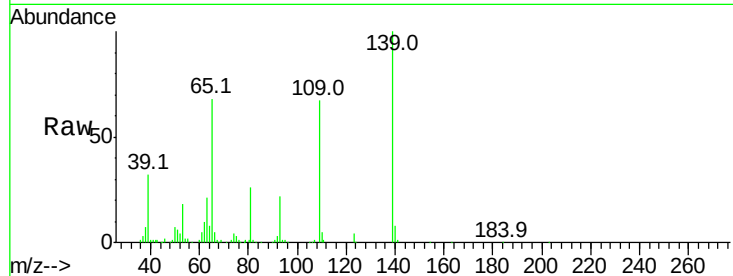
Tot Ion:139 Resp: 173082

Ion Ratio Lower Upper

139 100

109 66.9 62.2 102.2

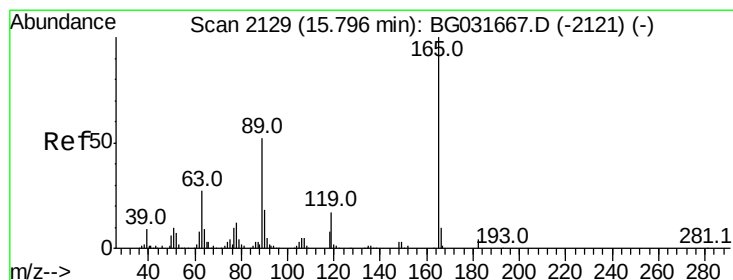
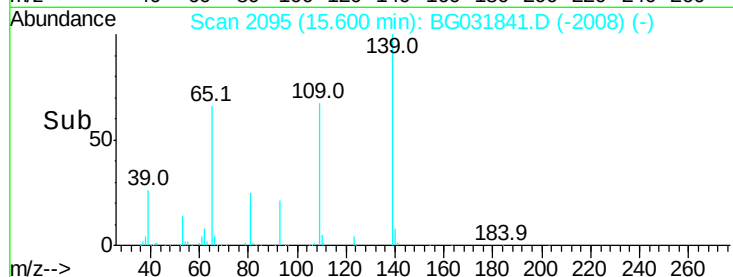
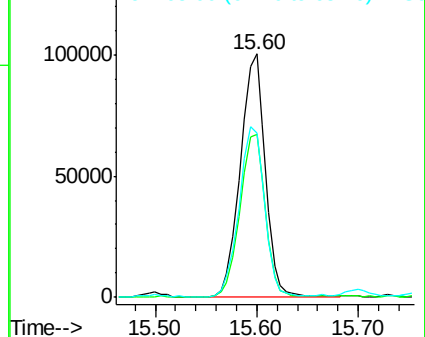
65 67.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 52.562 ng

RT: 15.76 min Scan# 2123

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Tgt Ion:165 Resp: 169606

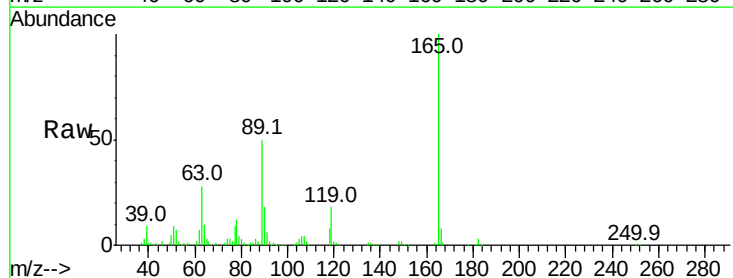
Ion Ratio Lower Upper

165 100

63 28.3 42.0 63.0#

89 50.5 66.9 100.3#

182 3.2 2.6 3.8

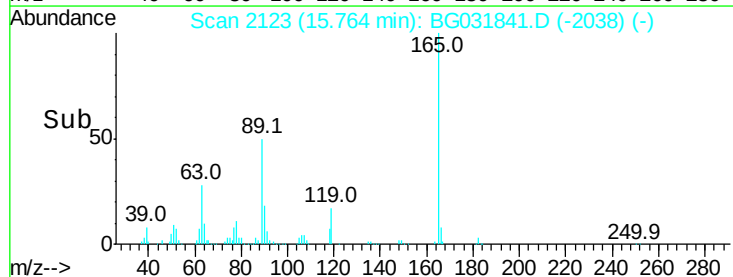
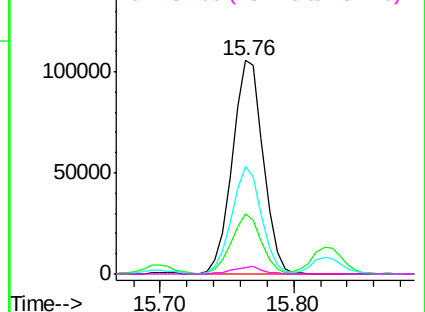


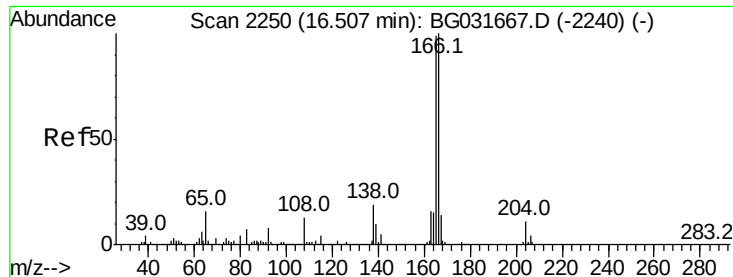
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.137 ng

RT: 16.47 min Scan# 2243

Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

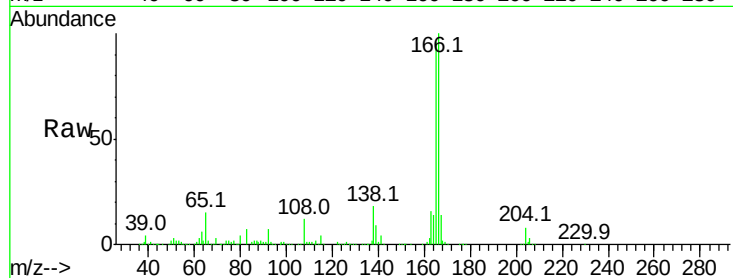
Tot Ion:166 Resp: 528279

Ion Ratio Lower Upper

166 100

165 96.2 80.6 121.0

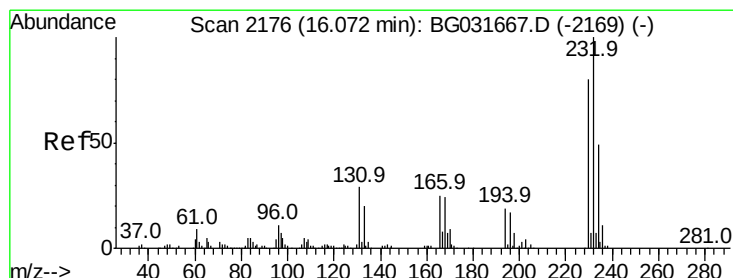
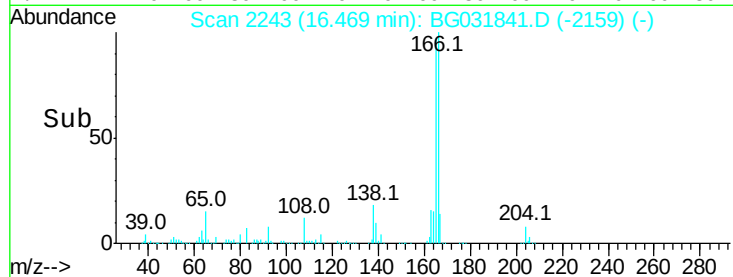
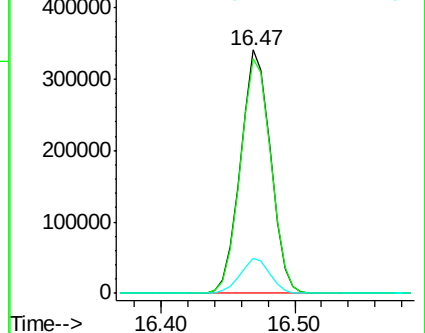
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.436 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Tgt Ion:232 Resp: 192865

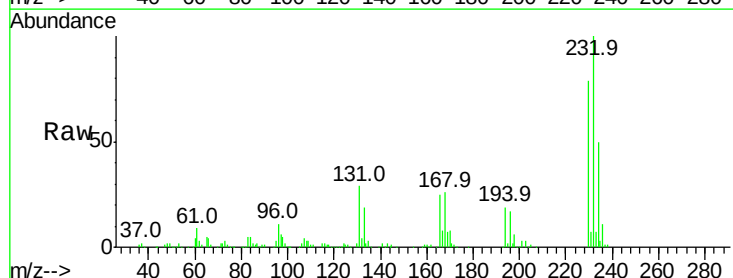
Ion Ratio Lower Upper

232 100

131 29.9 33.5 50.3#

130 1.8 2.2 3.2#

166 24.5 24.8 37.2#

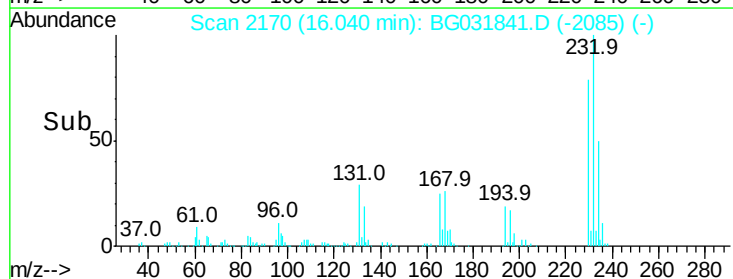
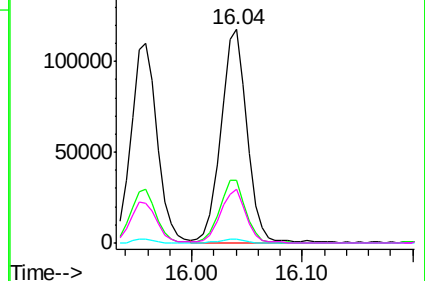


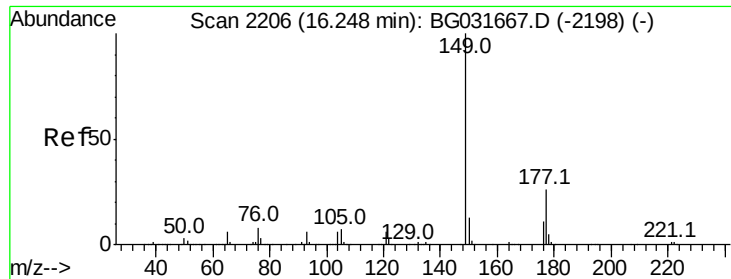
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

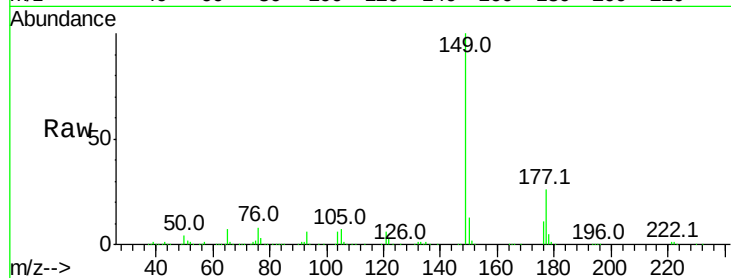




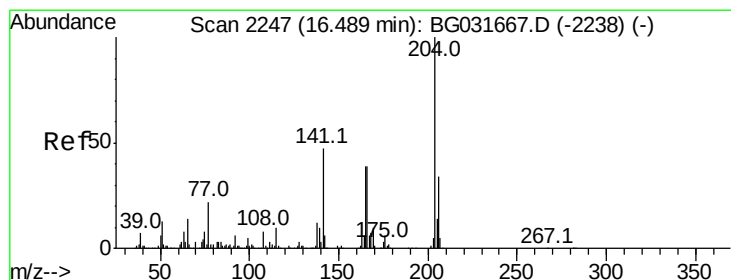
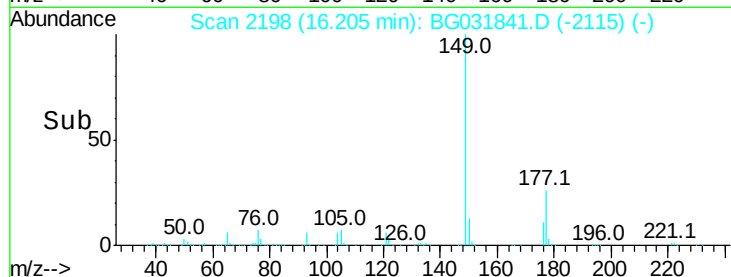
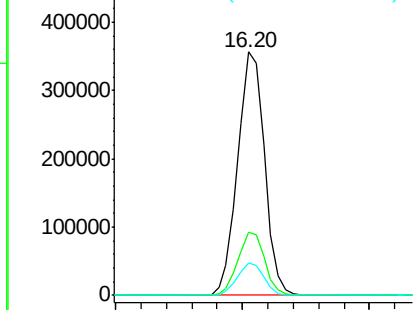
#59
Diethylphthalate
Concen: 39.285 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 522316
Ion Ratio Lower Upper
149 100
177 25.8 18.5 27.7
150 13.3 10.2 15.2

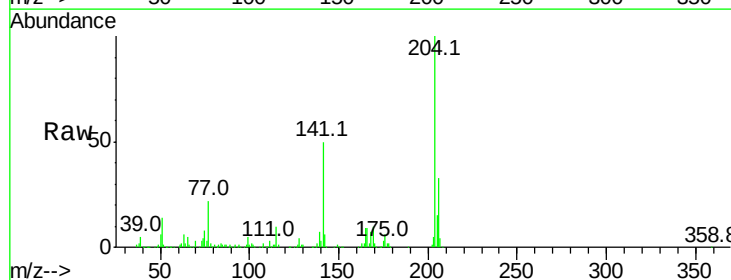


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

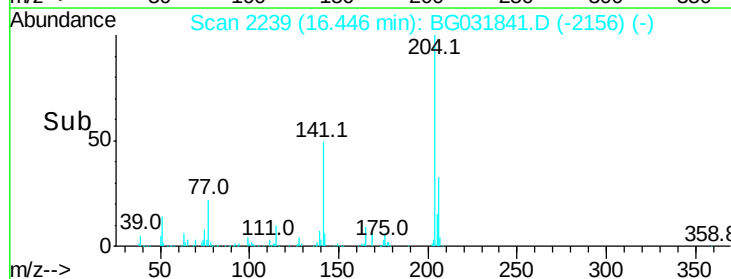
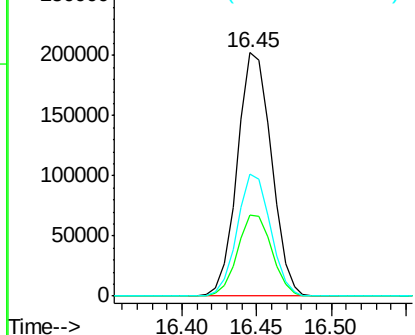


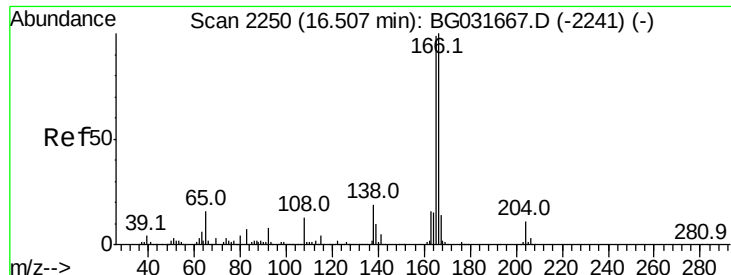
#60
4-Chlorophenyl-phenylether
Concen: 39.947 ng
RT: 16.45 min Scan# 2239
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion:204 Resp: 321703
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 49.9 45.8 68.6



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

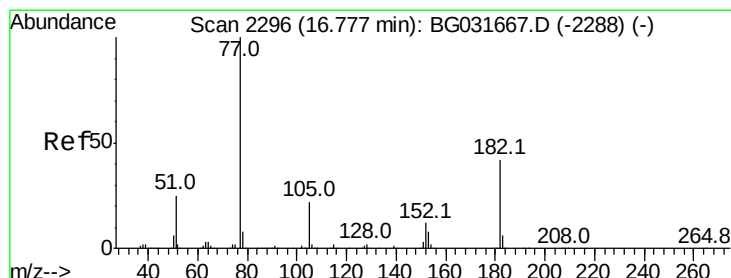
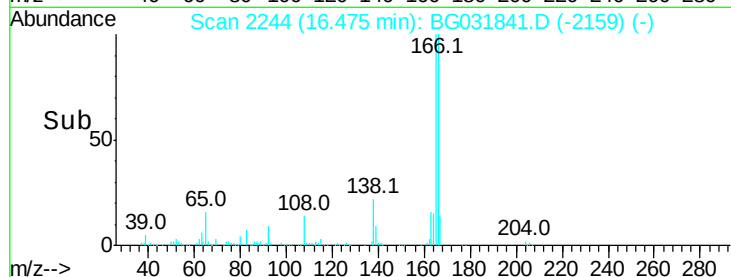
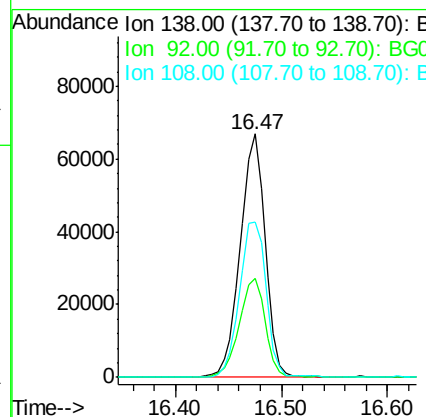
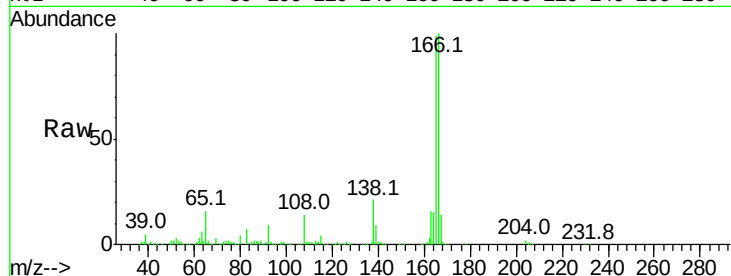




#61
4-Nitroaniline
Concen: 45.827 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

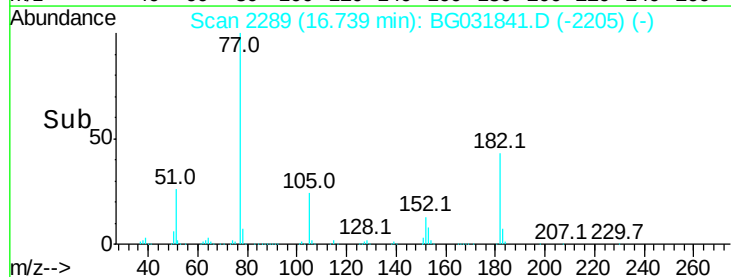
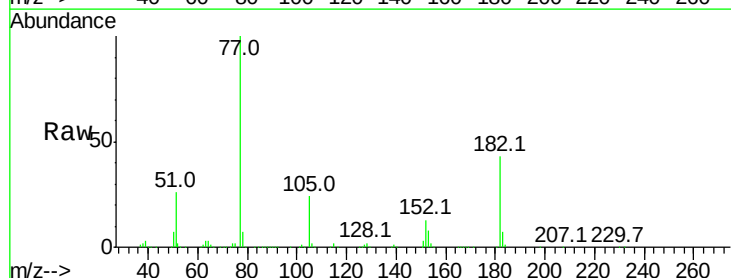
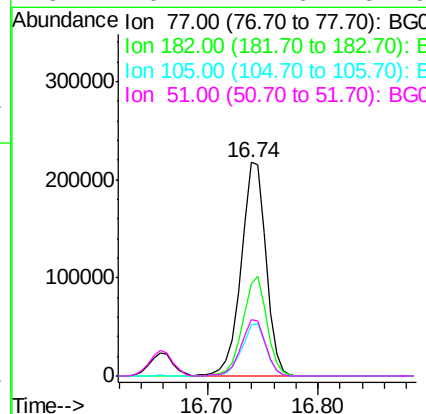
Instrument :
BNA_G
ClientSampleId :

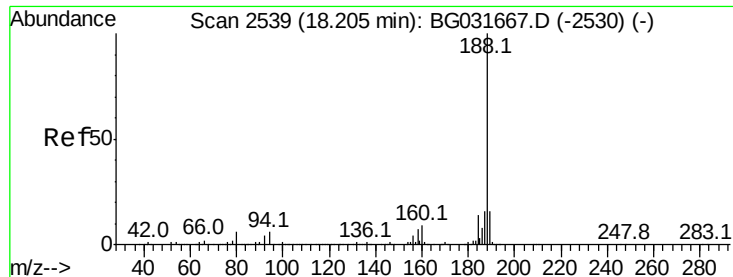
Tot Ion:138 Resp: 109488
Ion Ratio Lower Upper
138 100
92 40.7 40.1 80.1
108 64.0 65.4 105.4#



#62
Azobenzene
Concen: 40.351 ng
RT: 16.74 min Scan# 2289
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion: 77 Resp: 344053
Ion Ratio Lower Upper
77 100
182 43.3 7.4 47.4
105 24.2 0.3 40.3
51 26.2 11.6 51.6

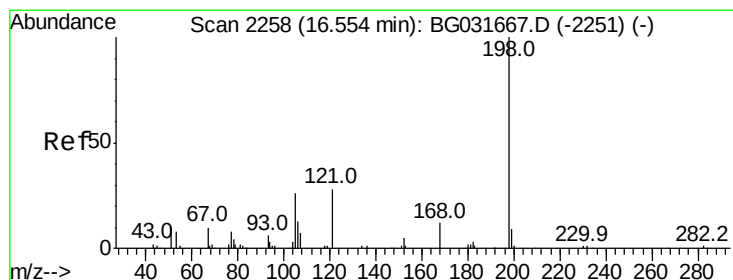
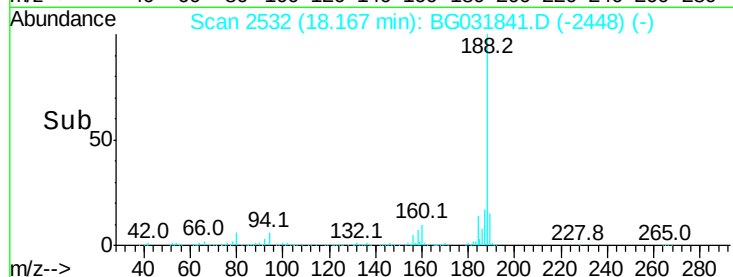
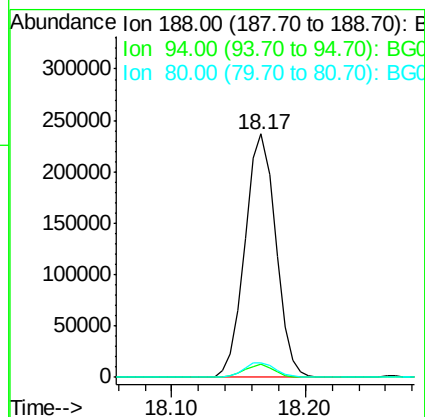
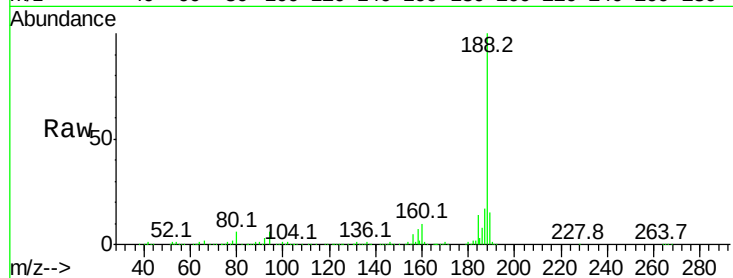




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

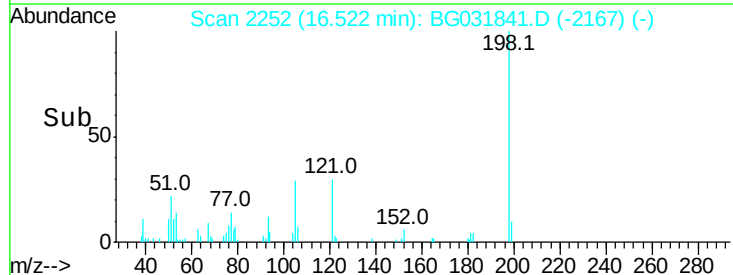
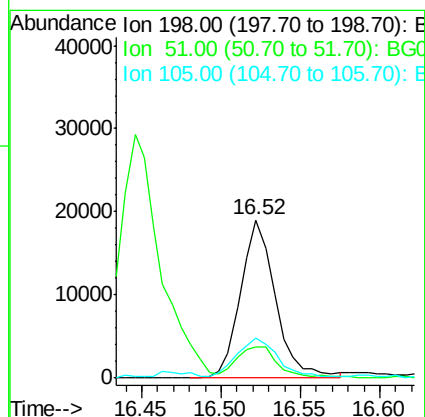
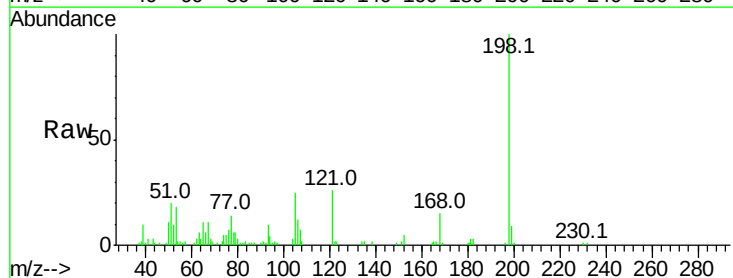
Instrument :
 BNA_G
 ClientSampleId :

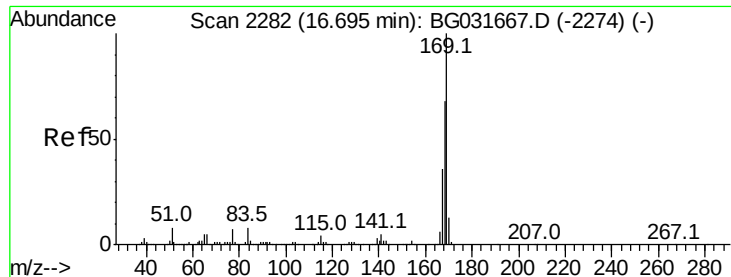
Tot Ion:188 Resp: 377146
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 5.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.502 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion:198 Resp: 29277
 Ion Ratio Lower Upper
 198 100
 51 19.5 30.6 70.6#
 105 25.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 39.420 ng

RT: 16.66 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

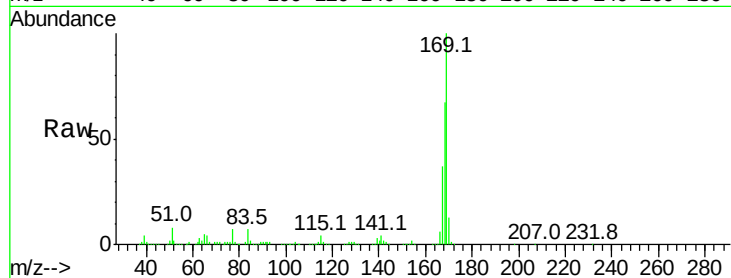
Tot Ion:169 Resp: 493775

Ion Ratio Lower Upper

169 100

168 67.2 55.7 83.5

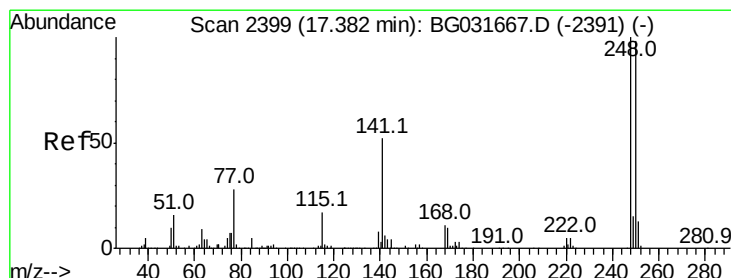
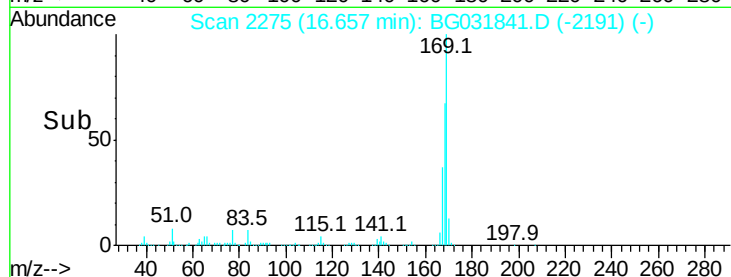
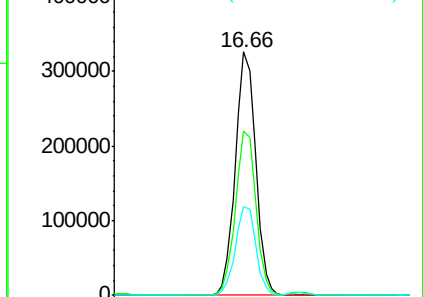
167 36.5 30.1 45.1



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: 42.329 ng

RT: 17.34 min Scan# 2392

Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

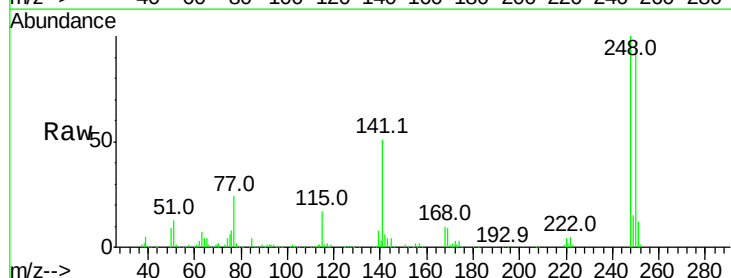
Tgt Ion:248 Resp: 230851

Ion Ratio Lower Upper

248 100

250 94.4 77.1 115.7

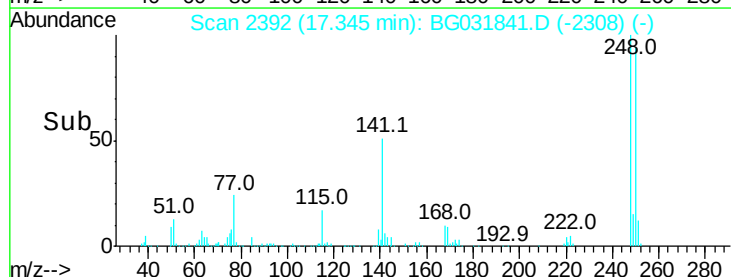
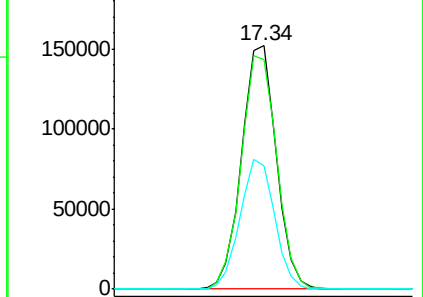
141 50.6 50.8 76.2#

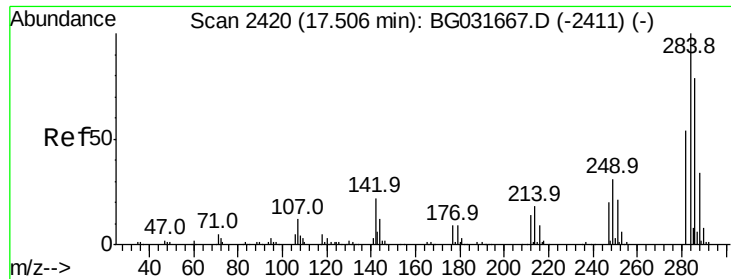


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

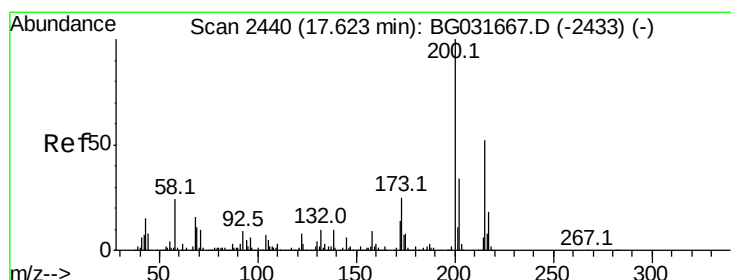
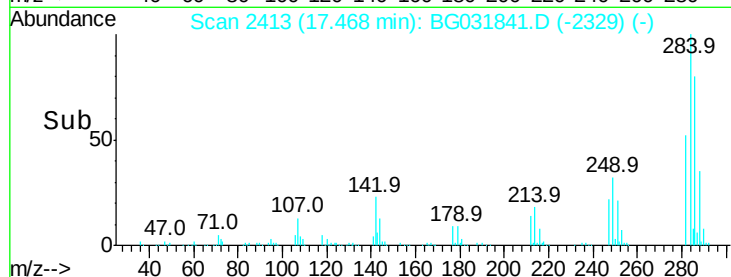
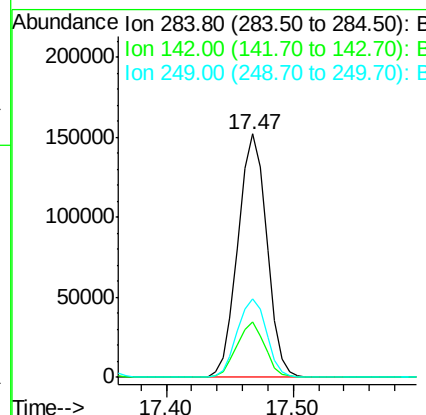
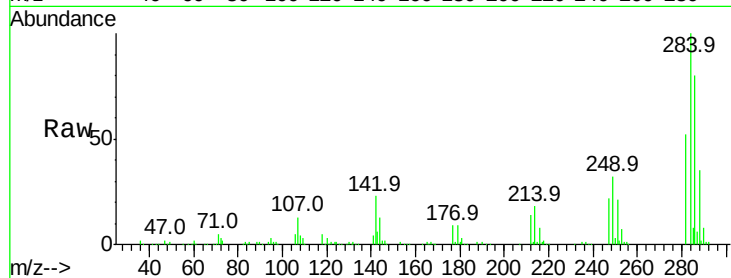




#67
Hexachlorobenzene
Concen: 42.939 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

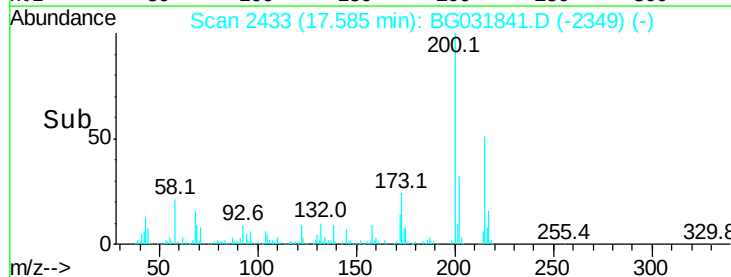
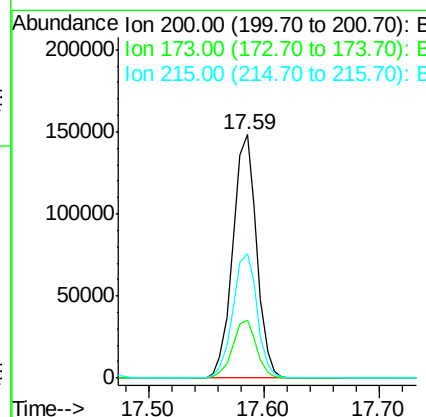
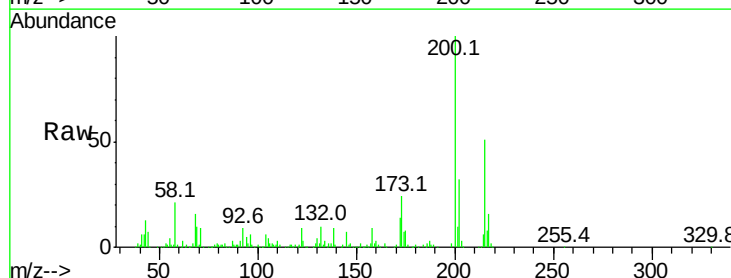
Instrument :
BNA_G
ClientSampleId :

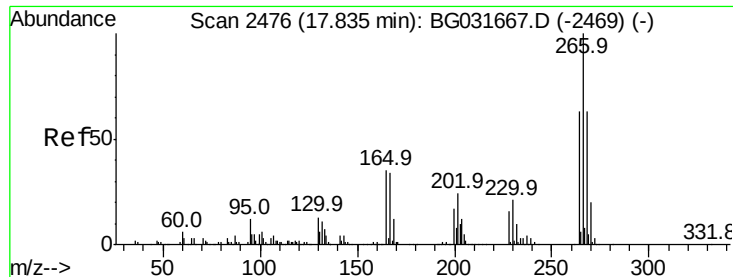
Tot Ion	Ratio	Lower	Upper
284	100		
142	22.8	26.8	40.2#
249	32.0	26.3	39.5



#68
Atrazine
Concen: 43.237 ng
RT: 17.59 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.2	45.2
215	51.3	30.4	70.4

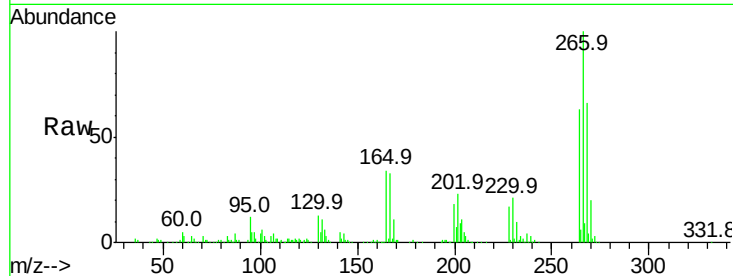




#69
 Pentachlorophenol
 Concen: 65.172 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	62.8	49.6	74.4

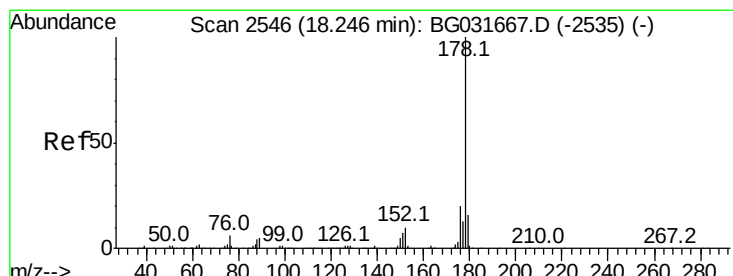
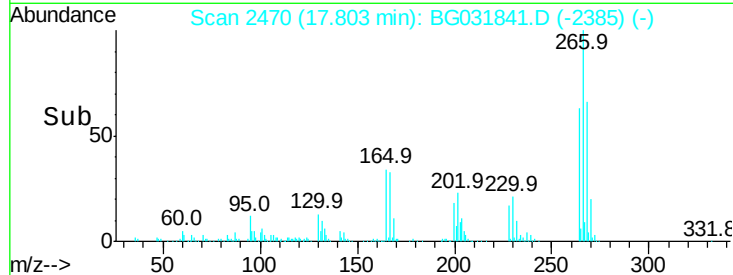
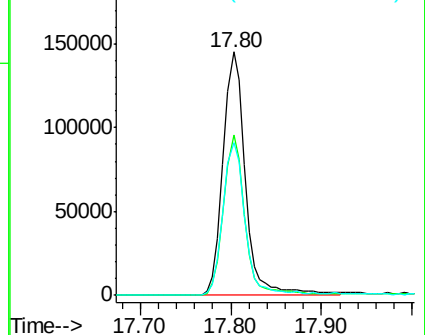


Abundance

Ion 265.70 (265.40 to 266.40): E

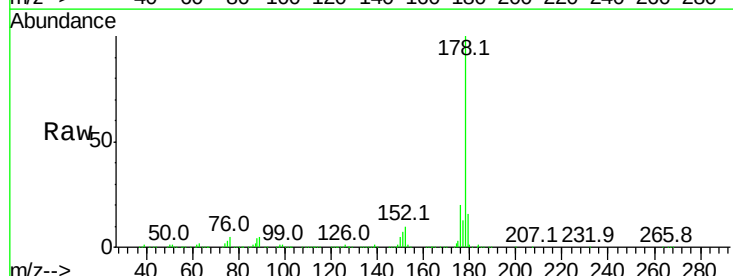
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 41.030 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	15.9	12.5	18.7

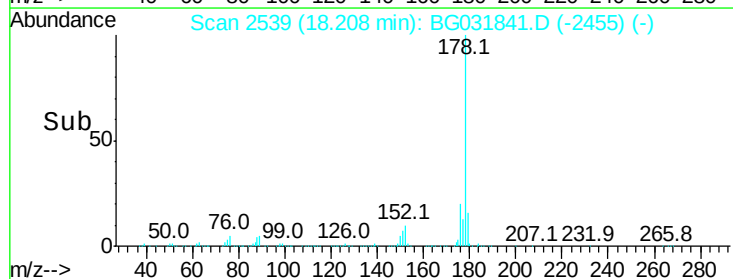
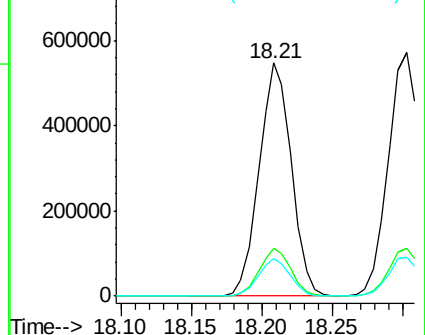


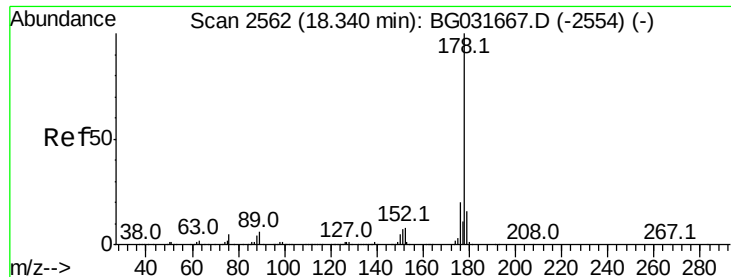
Abundance

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

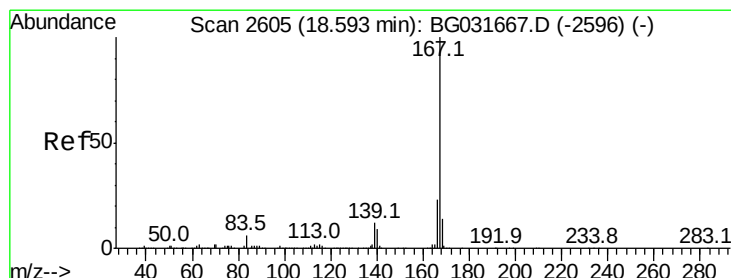
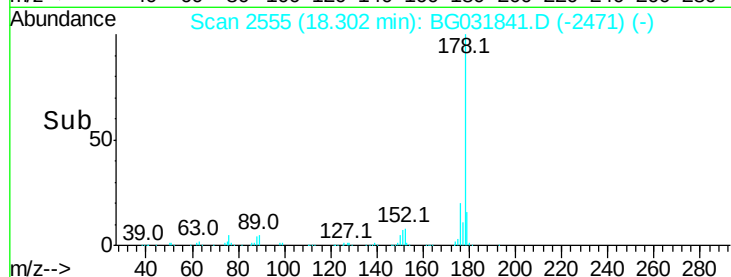
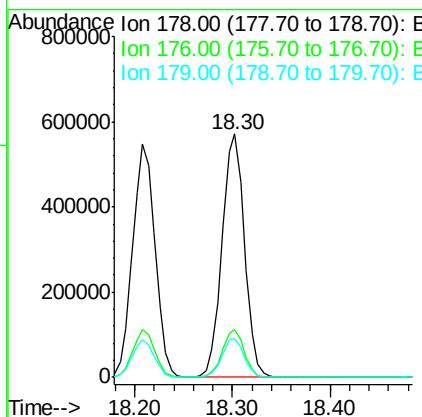
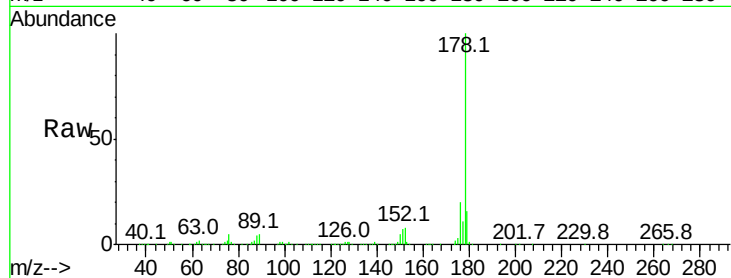




#71
 Anthracene
 Concen: 42.149 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

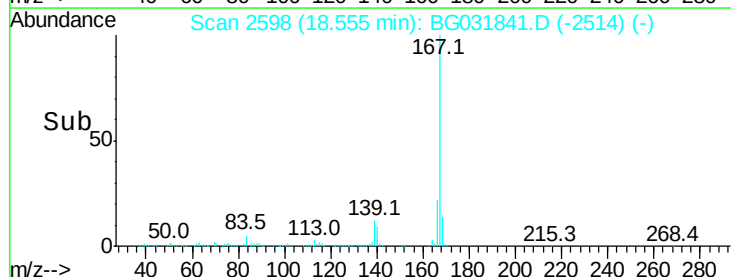
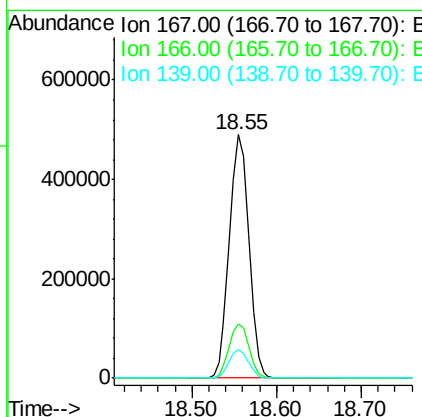
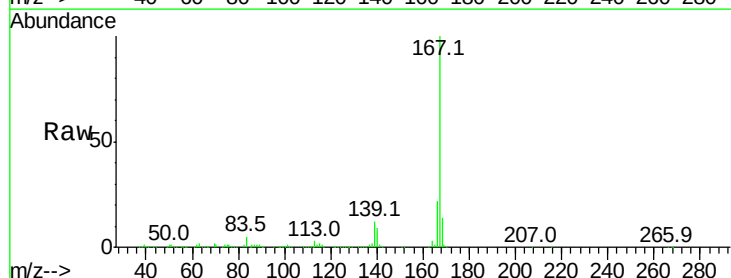
Instrument :
 BNA_G
 ClientSampleId :

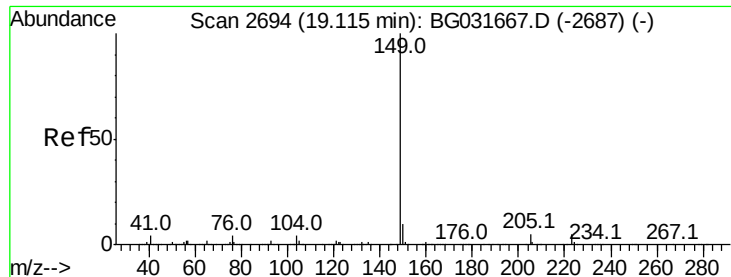
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	16.2	12.5	18.7



#72
 Carbazole
 Concen: 41.030 ng
 RT: 18.55 min Scan# 2598
 Delta R.T. -0.04 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	11.9	9.4	14.2

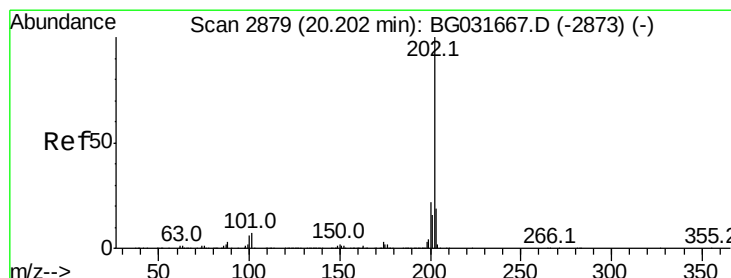
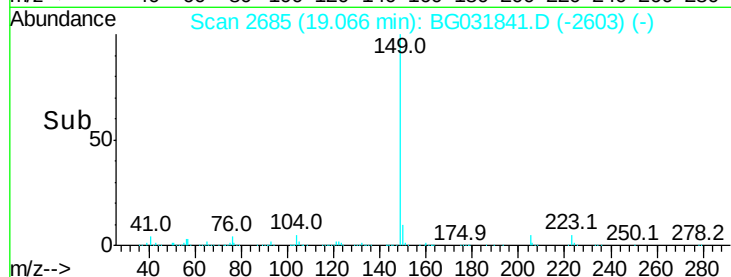
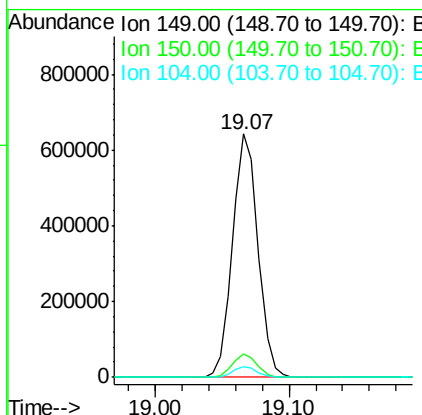
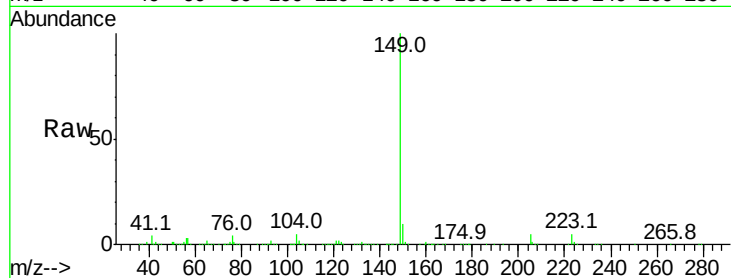




#73
Di-n-butylphthalate
Concen: 40.448 ng
RT: 19.07 min Scan# 2685
Delta R.T. -0.05 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

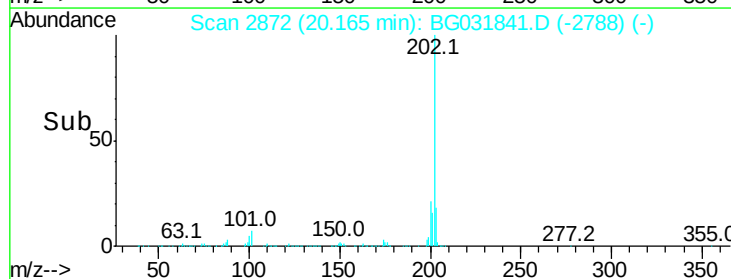
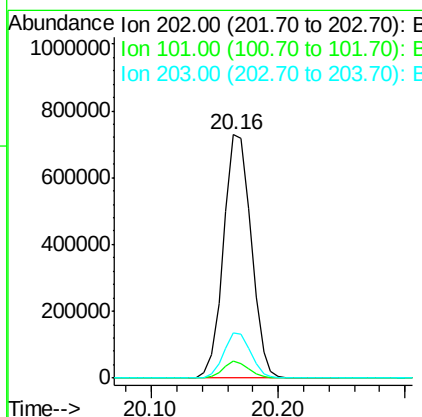
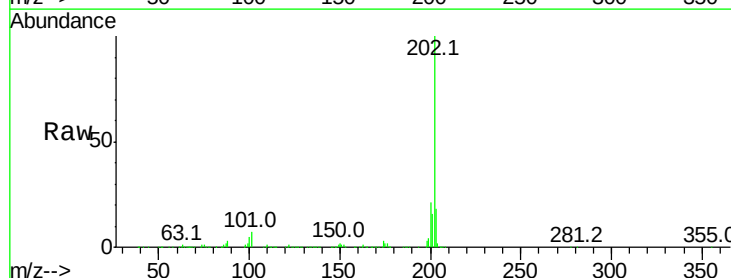
Instrument :
BNA_G
ClientSampleId :

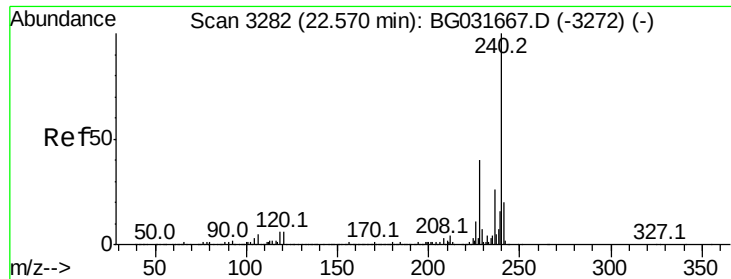
Tot Ion:149 Resp: 856605
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.5 3.9 5.9



#74
Fluoranthene
Concen: 41.876 ng
RT: 20.16 min Scan# 2872
Delta R.T. -0.04 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion:202 Resp: 1096672
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.9
203 18.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

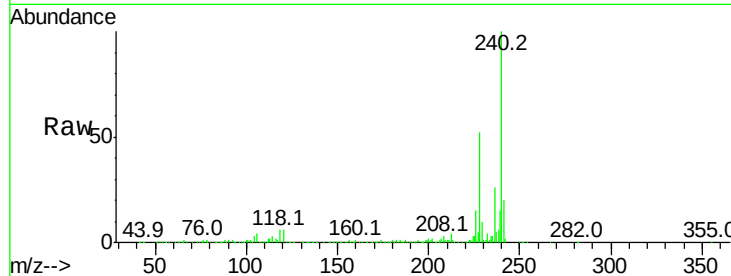
Tot Ion:240 Resp: 433305

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

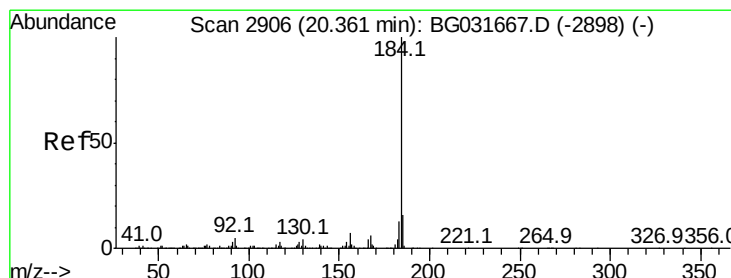
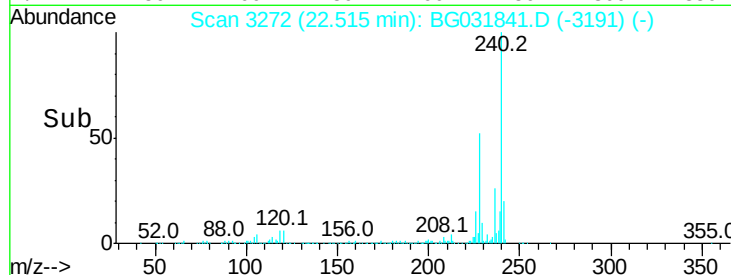
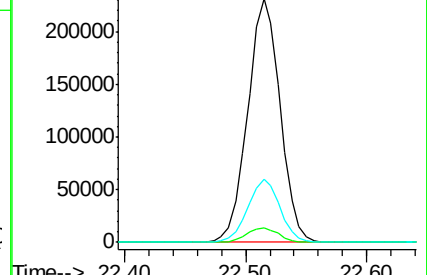
236 26.1 20.9 31.3



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: 21.442 ng

RT: 20.32 min Scan# 2899

Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

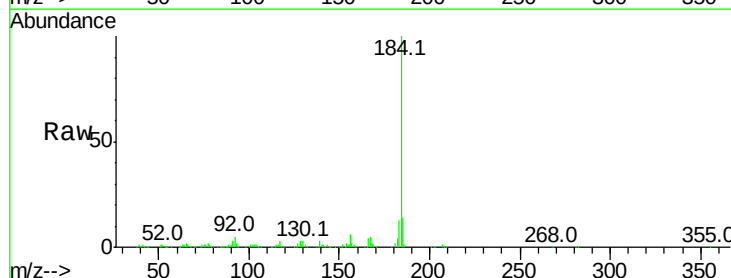
Tgt Ion:184 Resp: 286773

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

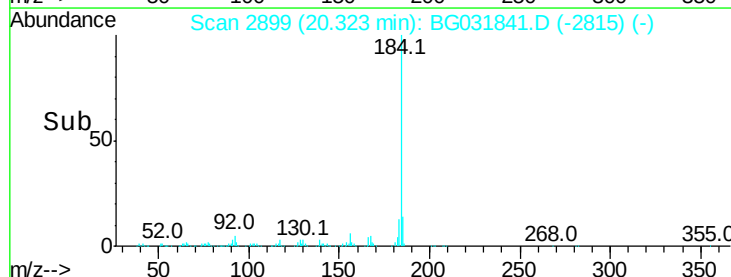
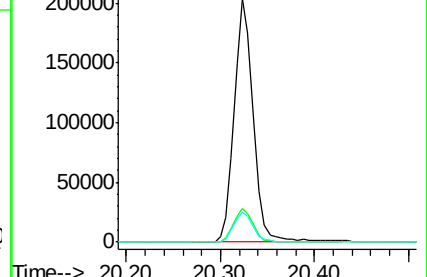
183 12.5 10.6 16.0

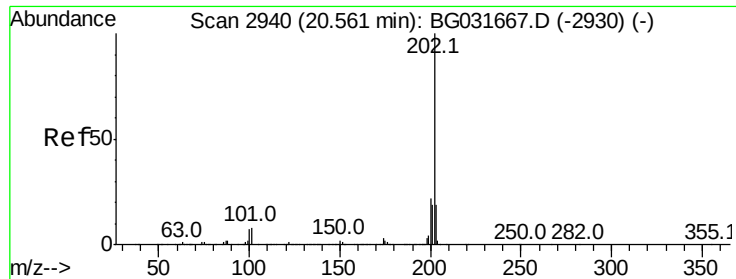


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.378 ng

RT: 20.52 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

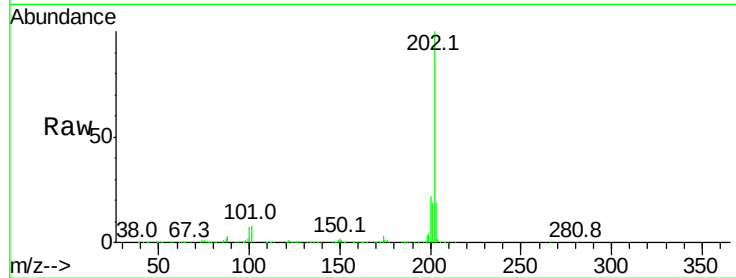
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1117598

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	19.1	13.9	20.9

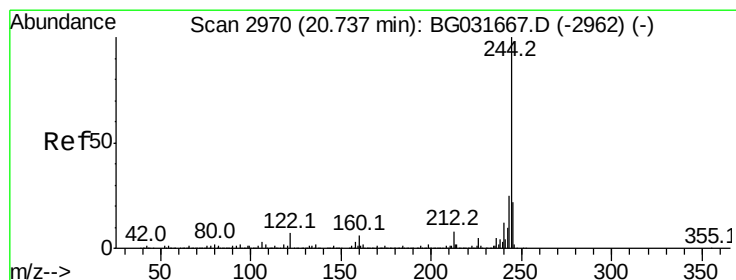
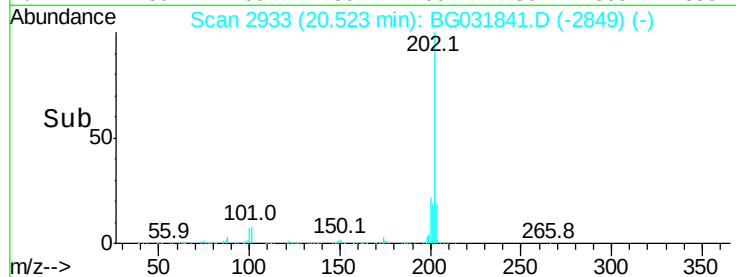
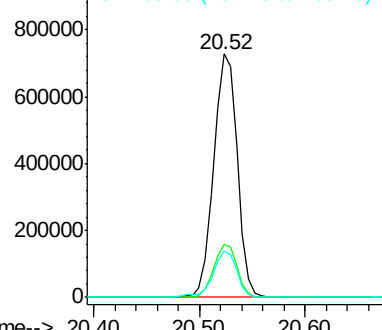


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.614 ng

RT: 20.70 min Scan# 2963

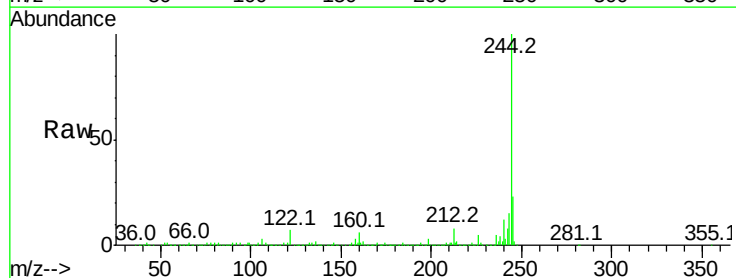
Delta R.T. -0.04 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Tgt Ion:244 Resp: 1813418

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.3	7.0	10.4

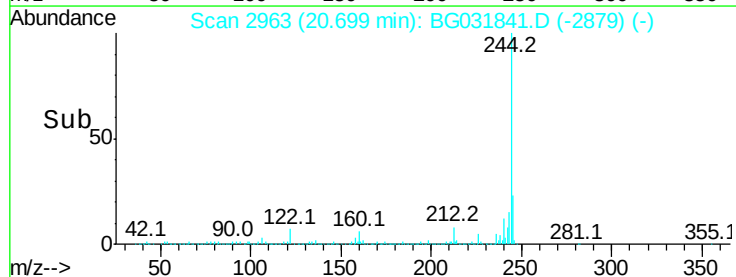
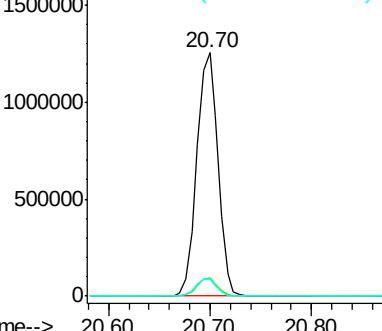


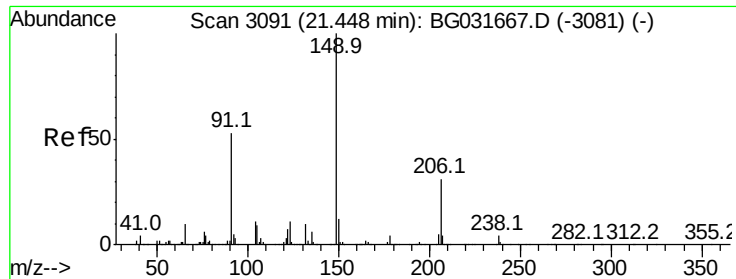
Abundance

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

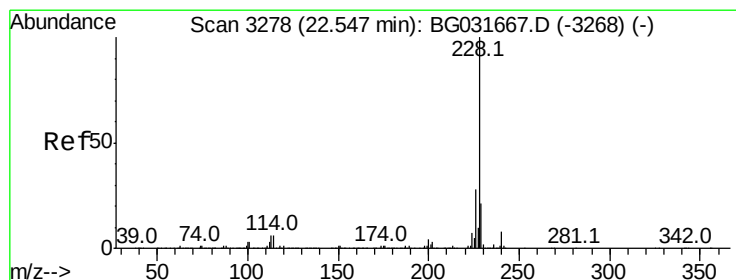
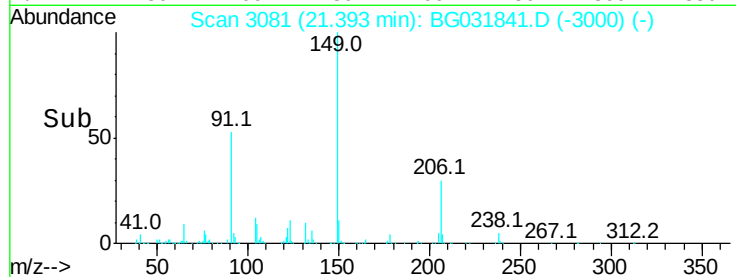
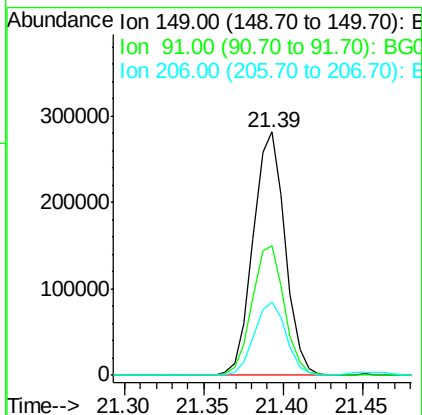
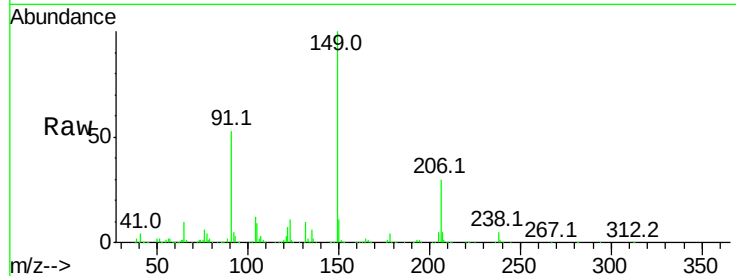




#79
Butylbenzylphthalate
Concen: 42.469 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.06 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

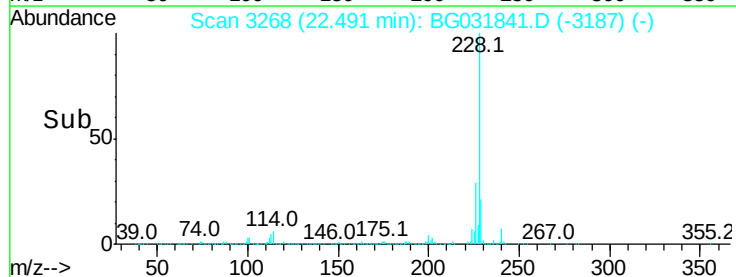
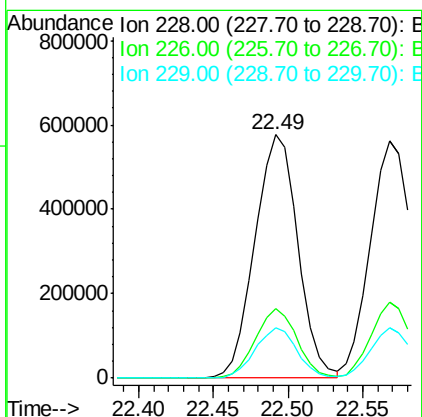
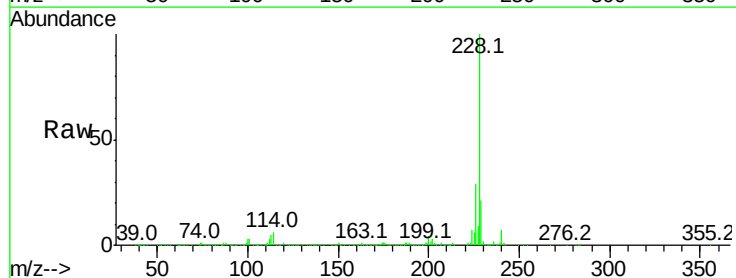
Instrument :
BNA_G
ClientSampleId :

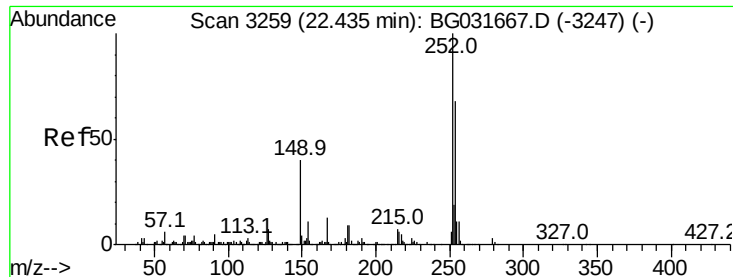
Tot Ion:149 Resp: 394598
Ion Ratio Lower Upper
149 100
91 53.4 62.2 93.2#
206 30.3 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 41.761 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.06 min
Lab File: BG031841.D
Acq: 29 Dec 2017 1:41

Tgt Ion:228 Resp: 1151055
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 20.6 16.2 24.2

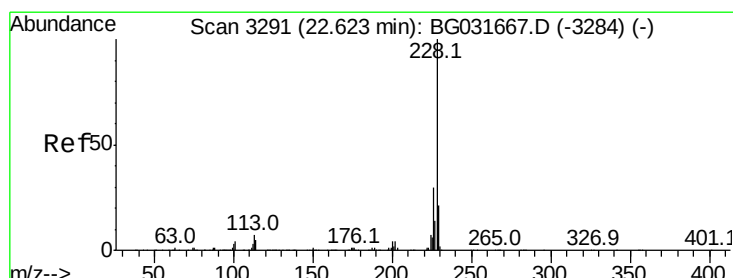
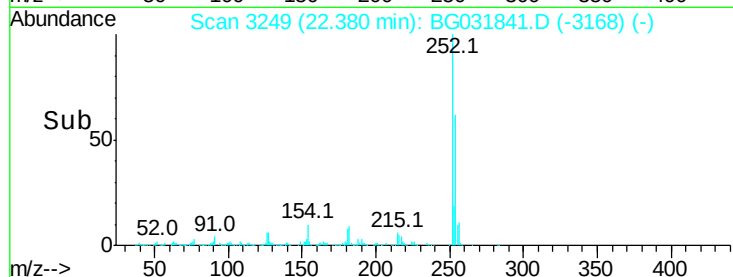
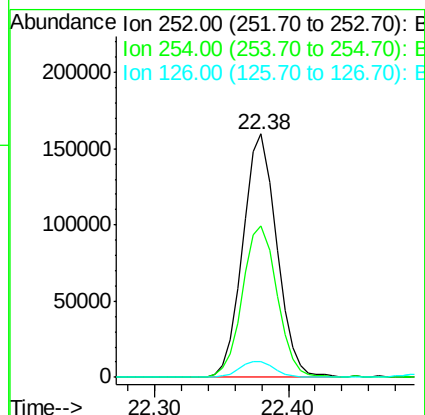
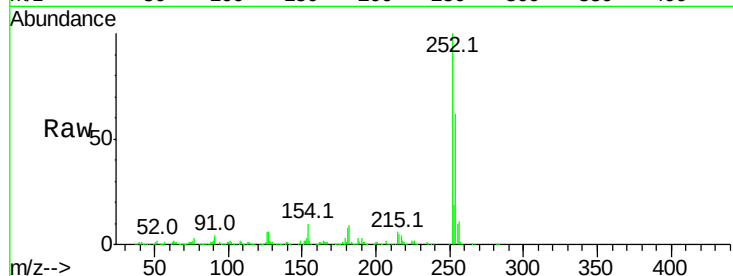




#81
 3,3'-Dichlorobenzidine
 Concen: 26.243 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

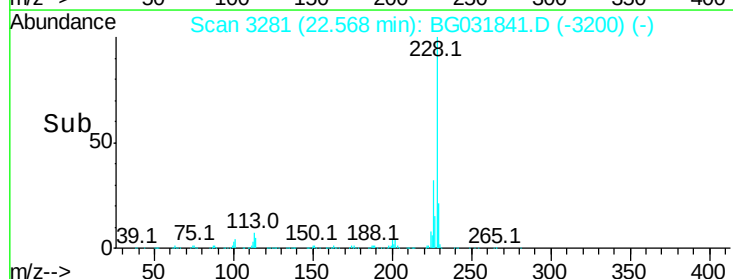
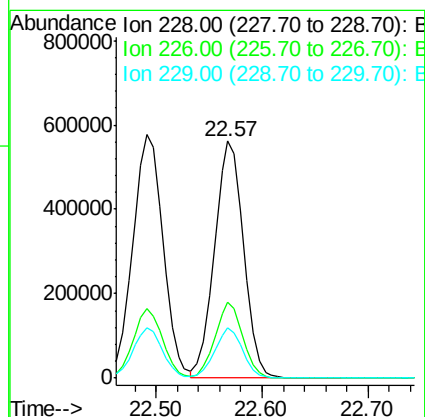
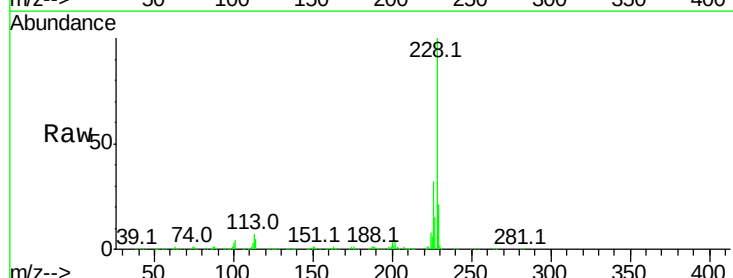
Instrument :
 BNA_G
 ClientSampleId :

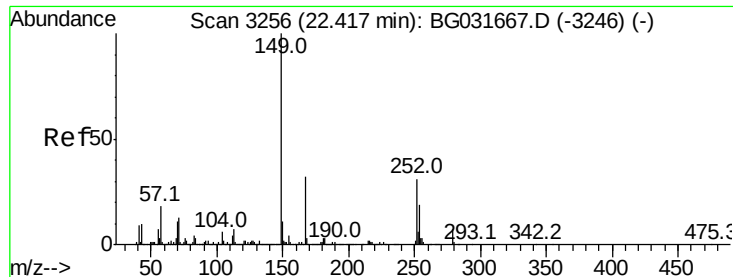
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.8	76.2
126	6.4	7.4	11.2#



#82
 Chrysene
 Concen: 41.166 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.06 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	21.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.009 ng

RT: 22.34 min Scan# 3242

Delta R.T. -0.08 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

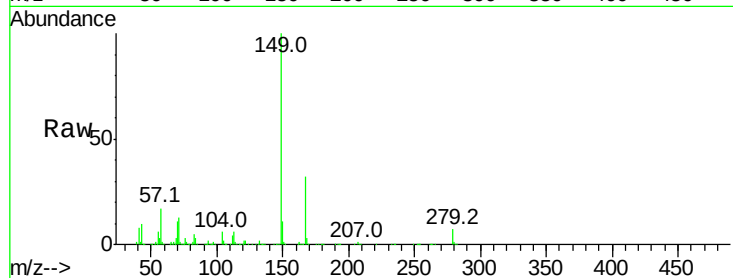
Tot Ion:149 Resp: 565503

Ion Ratio Lower Upper

149 100

167 32.2 24.3 36.5

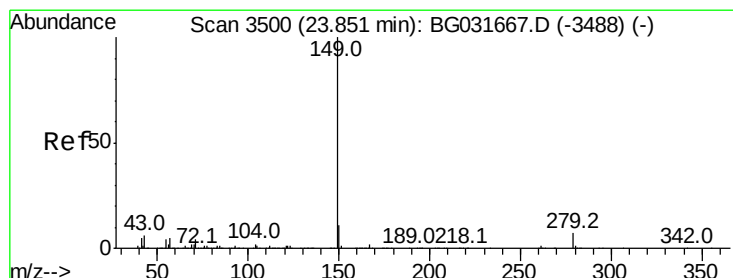
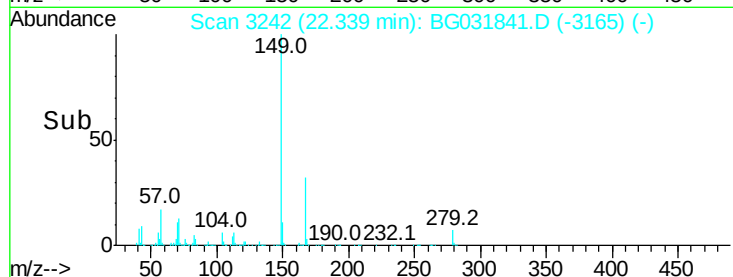
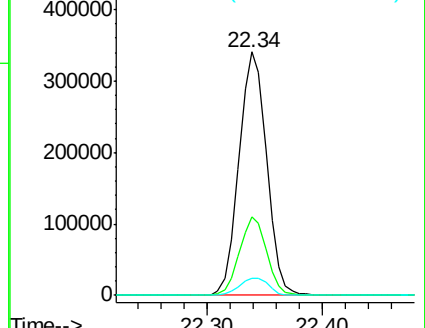
279 7.2 4.0 6.0#



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: 43.115 ng

RT: 23.74 min Scan# 3481

Delta R.T. -0.11 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

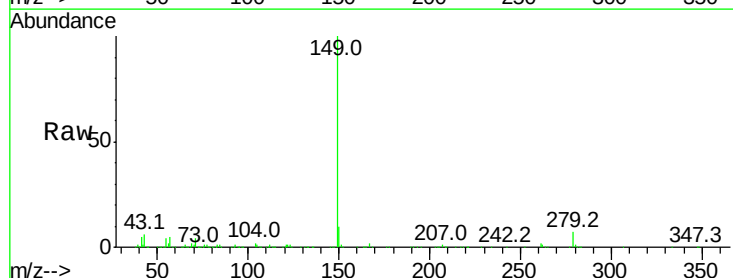
Tgt Ion:149 Resp: 977452

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

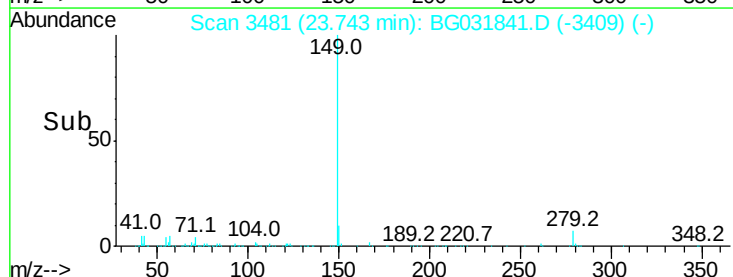
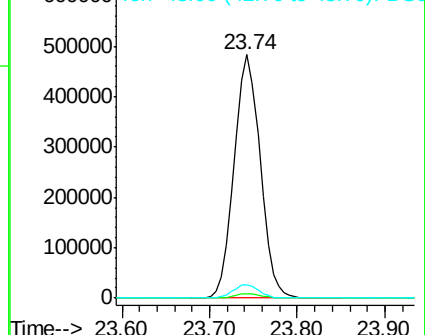
43 5.5 8.9 13.3#

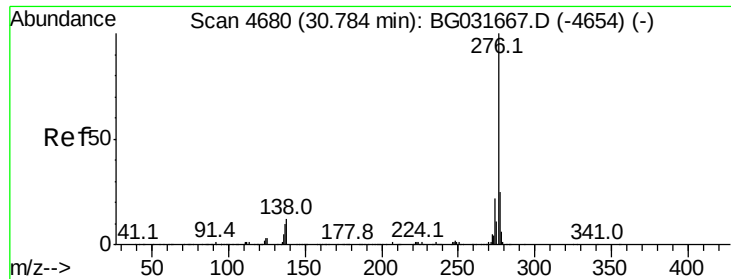


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



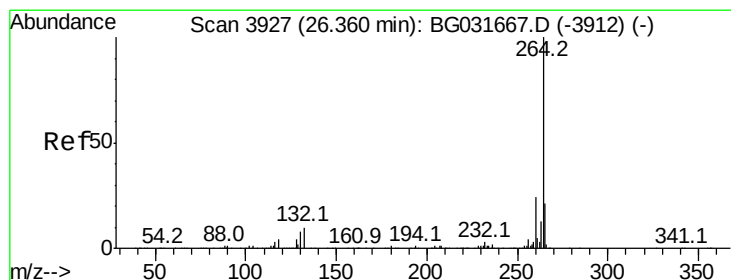
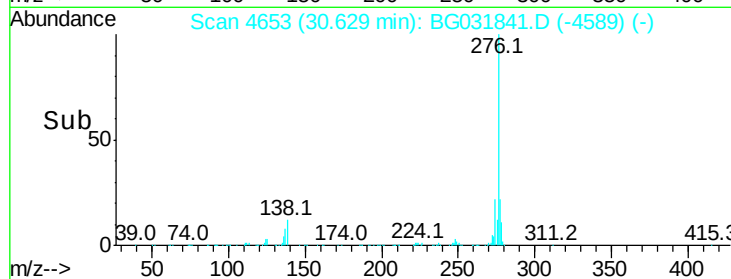
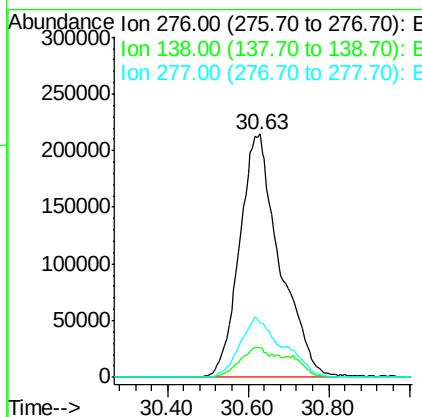
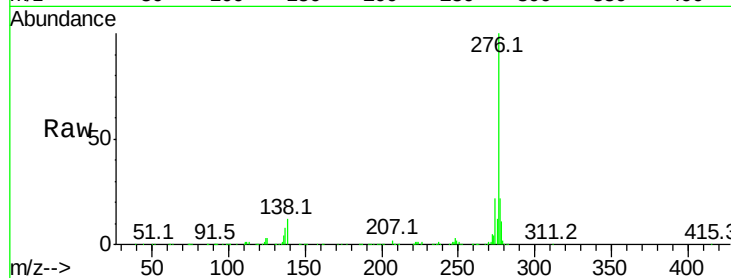


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.311 ng
 RT: 30.63 min Scan# 4653
 Delta R.T. -0.16 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1482504

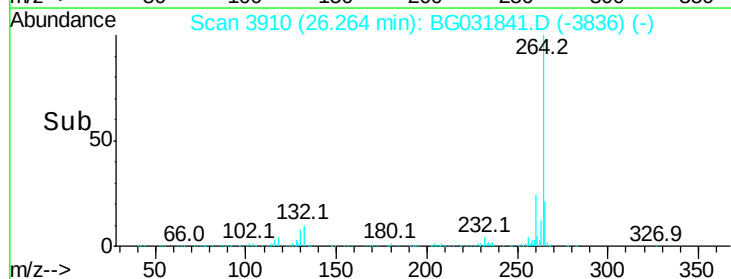
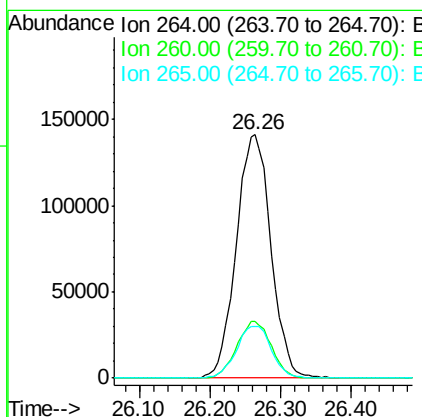
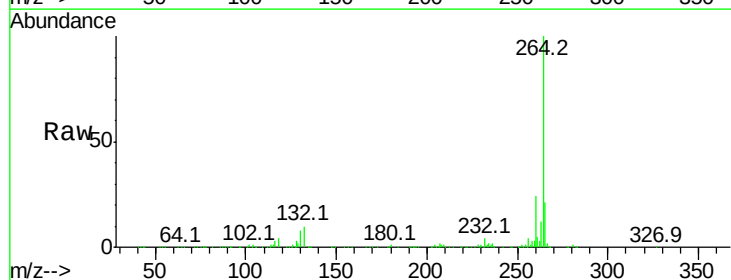
Ion	Ratio	Lower	Upper
276	100		
138	9.3	16.0	24.0#
277	26.4	20.0	30.0

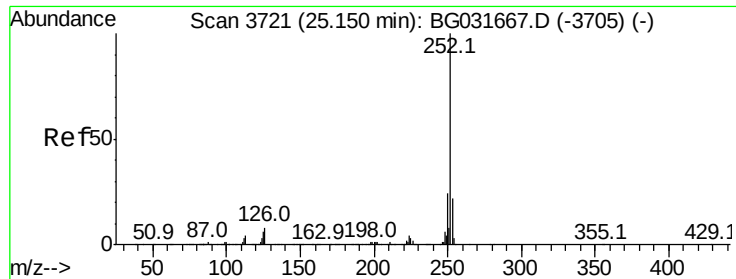


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031841.D
 Acq: 29 Dec 2017 1:41

Tgt Ion:264 Resp: 480677

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 41.564 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.08 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampled :

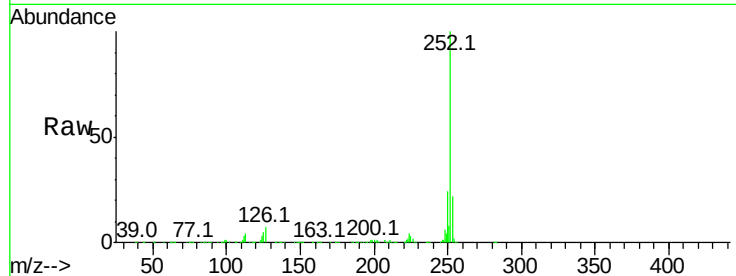
Tot Ion:252 Resp: 1240170

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

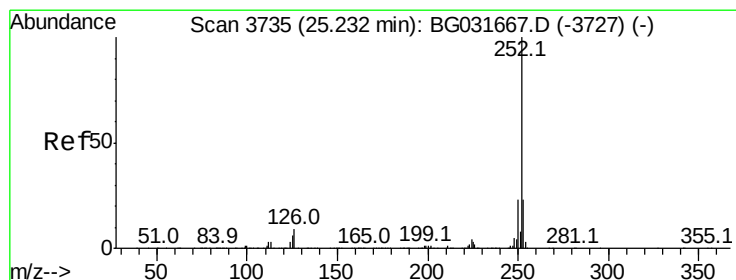
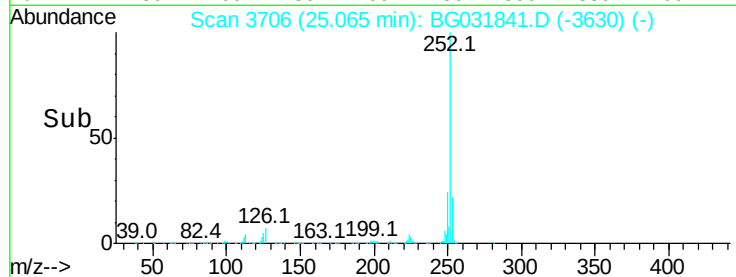
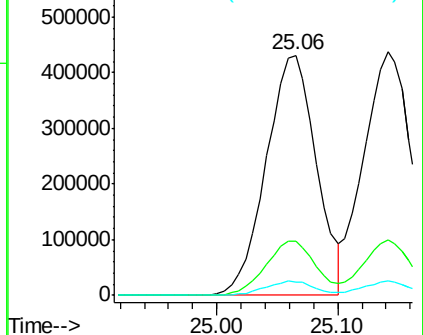
125 5.5 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 40.648 ng

RT: 25.14 min Scan# 3719

Delta R.T. -0.09 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

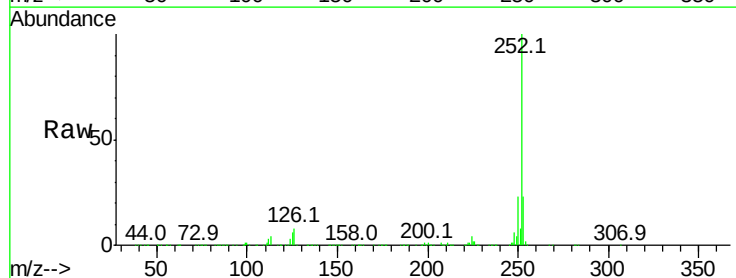
Tgt Ion:252 Resp: 1213760

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

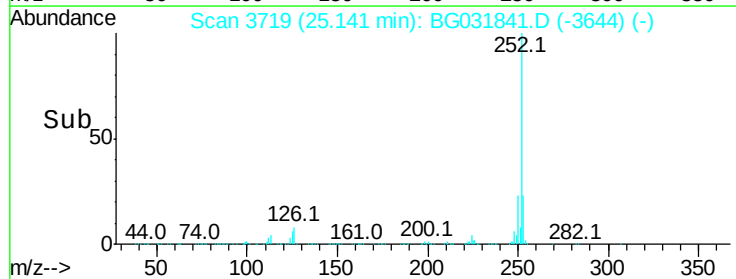
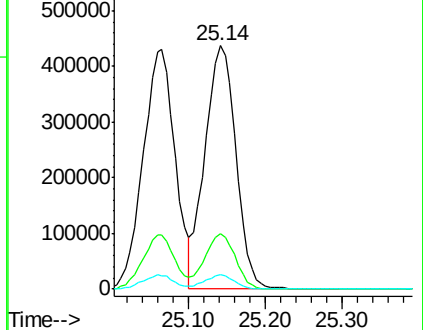
125 6.1 6.6 9.8#

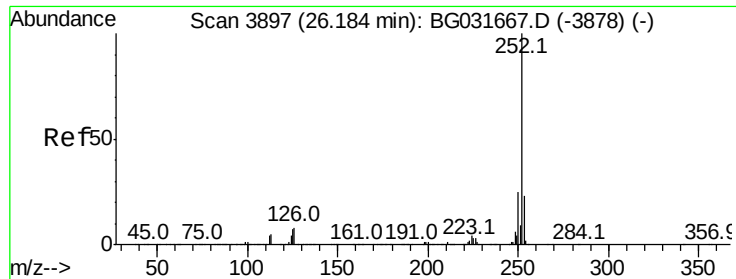


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.239 ng

RT: 26.09 min Scan# 3880

Delta R.T. -0.10 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampled :

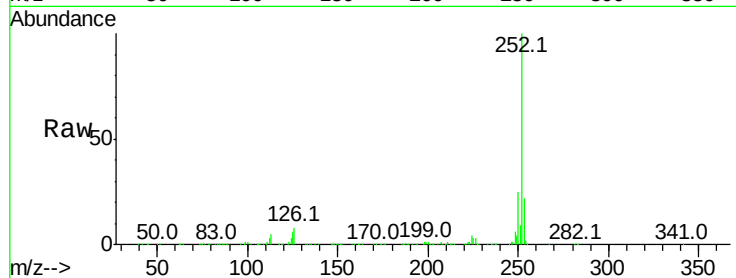
Tot Ion:252 Resp: 1207023

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	5.7	7.3	10.9

252 100

253 22.4 18.3 27.5

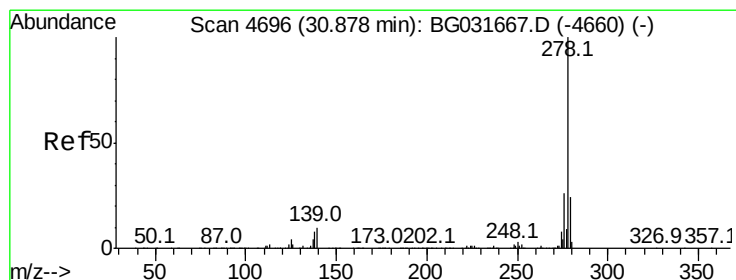
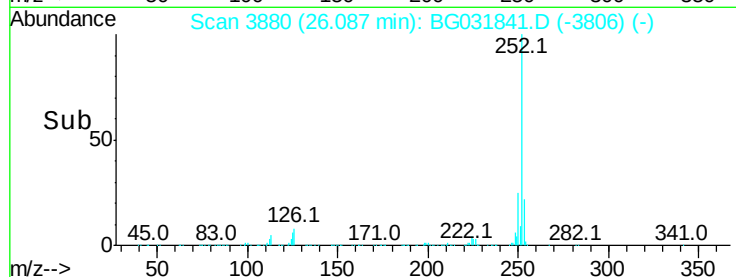
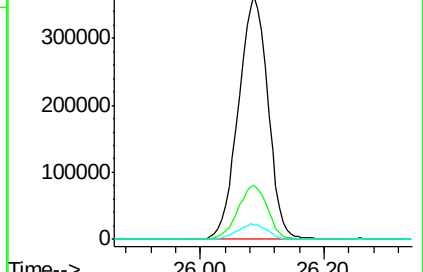
125 5.7 7.3 10.9



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: 41.360 ng

RT: 30.71 min Scan# 4666

Delta R.T. -0.17 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

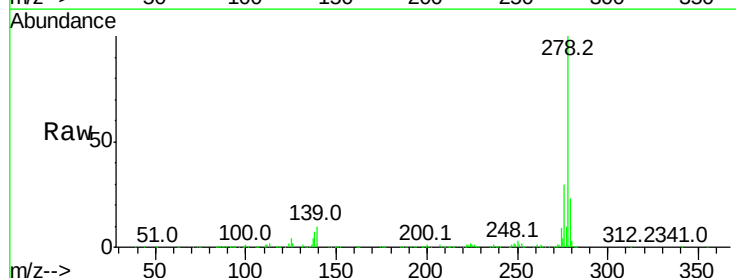
Tgt Ion:278 Resp: 1220654

Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.8	14.6
279	23.2	18.4	27.6

278 100

139 9.5 9.8 14.6

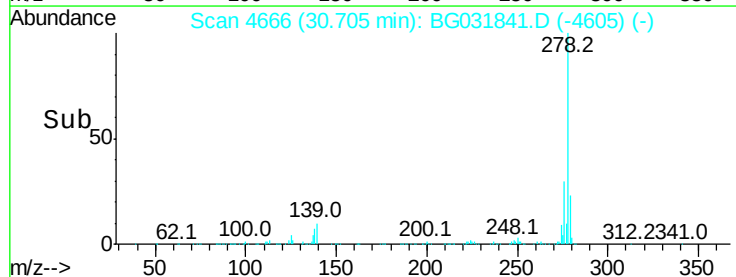
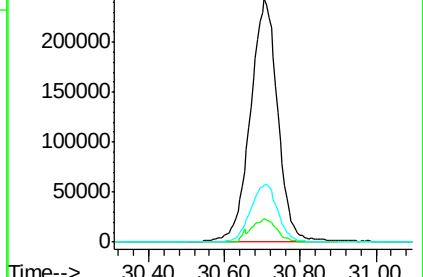
279 23.2 18.4 27.6

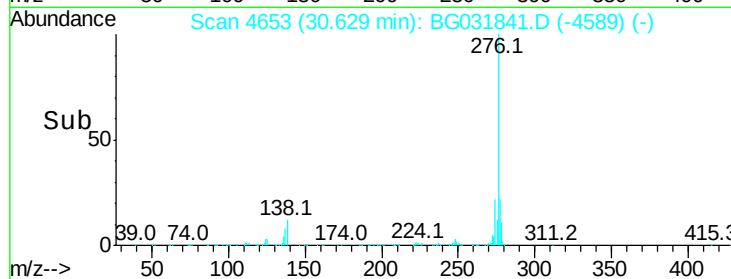
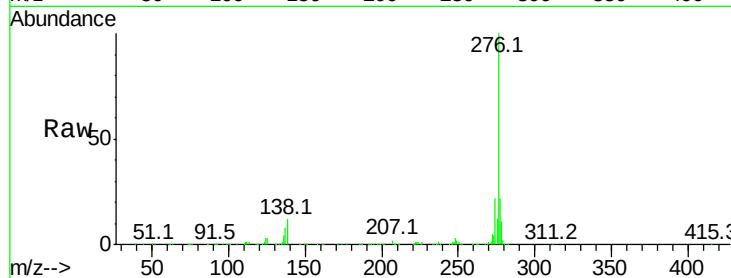
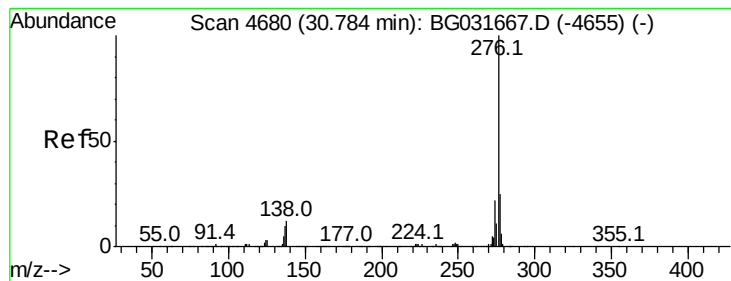


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.546 ng

RT: 30.63 min Scan# 4653

Delta R.T. -0.16 min

Lab File: BG031841.D

Acq: 29 Dec 2017 1:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1482504

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 12.1 13.9 20.9#

