

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031164.D
 Acq On : 21 Nov 2017 22:20
 Operator : SJ/JU
 Sample : I6505-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 22 00:35:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	59660	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	262944	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	175863	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	447798	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	511540	20.00	ng	-0.01
86) Perylene-d12	25.08	264	513891	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	239608	68.87	ng	0.00
7) Phenol-d6	7.30	99	193074	41.19	ng	0.00
23) Nitrobenzene-d5	9.31	82	417002	93.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	333609	117.27	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1155817	94.44	ng	-0.02
78) Terphenyl-d14	20.09	244	2045351	88.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	24869	17.614	ng	# 83
3) Pyridine	3.95	79	59143	14.429	ng	85
4) n-Nitrosodimethylamine	3.87	42	34064	17.535	ng	# 89
6) Aniline	7.46	93	58373	9.463	ng	95
8) 2-Chlorophenol	7.70	128	164079	42.734	ng	88
9) Benzaldehyde	7.27	77	75014	22.870	ng	84
10) Phenol	7.33	94	77681	15.958	ng	92
11) bis(2-Chloroethyl)ether	7.55	93	189970	48.878	ng	90
12) 1,3-Dichlorobenzene	8.03	146	200976	44.614	ng	97
13) 1,4-Dichlorobenzene	8.17	146	204695	44.841	ng	92
14) 1,2-Dichlorobenzene	8.50	146	198294	45.258	ng	96
15) Benzyl Alcohol	8.37	79	107027	28.466	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	273304	63.662	ng	88
17) 2-Methylphenol	8.58	107	114625	33.816	ng	97
18) Hexachloroethane	9.22	117	69913	44.004	ng	95
19) n-Nitroso-di-n-propylamine	8.94	70	152218	42.711	ng	# 95
20) 3+4-Methylphenols	8.91	107	139269	28.894	ng	94
22) Acetophenone	8.96	105	299451	45.738	ng	# 92
24) Nitrobenzene	9.35	77	224040	49.426	ng	# 91
25) Isophorone	9.86	82	422749	48.849	ng	# 94
26) 2-Nitrophenol	10.06	139	117343	49.665	ng	# 86
27) 2,4-Dimethylphenol	10.12	122	166853	47.568	ng	94
28) bis(2-Chloroethoxy)methane	10.35	93	265643	48.737	ng	96
29) 2,4-Dichlorophenol	10.60	162	213802	50.760	ng	90
30) 1,2,4-Trichlorobenzene	10.82	180	239187	47.564	ng	98
31) Naphthalene	11.00	128	611640	47.318	ng	97
32) Benzoic acid	10.23	122	21328	12.101	ng	# 79
33) 4-Chloroaniline	11.12	127	57083	10.088	ng	94
34) Hexachlorobutadiene	11.28	225	151517	43.445	ng	96
35) Caprolactam	11.89	113	11219	6.520	ng	# 79
36) 4-Chloro-3-methylphenol	12.23	107	199916	43.609	ng	91
37) 2-Methylnaphthalene	12.60	142	492313	49.337	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	311496	44.628	ng	96
40) Hexachlorocyclopentadiene	12.94	237	216612	83.389	ng	94

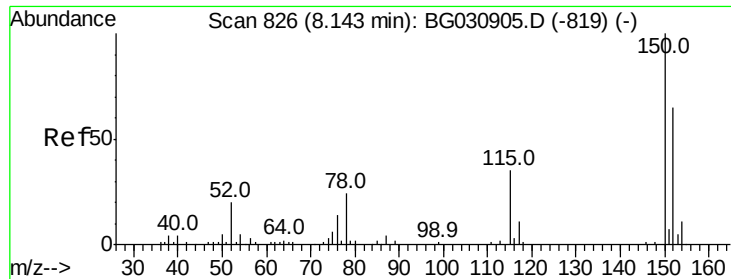
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
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Quant Time: Nov 22 00:35:06 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	200362	50.214	nq	98
43) 2,4,5-Trichlorophenol	13.29	196	208505	47.759	nq #	94
45) 1,1'-Biphenyl	13.60	154	669498	45.909	nq	97
46) 2-Chloronaphthalene	13.64	162	529935	50.365	nq	95
47) 2-Nitroaniline	13.84	65	148316	47.558	nq #	79
48) Acenaphthylene	14.48	152	809670	47.016	nq	99
49) Dimethylphthalate	14.21	163	724371	47.638	nq	99
50) 2,6-Dinitrotoluene	14.33	165	164520	52.493	nq #	77
51) Acenaphthene	14.82	154	513213	47.717	nq	98
52) 3-Nitroaniline	14.66	138	35778	10.751	nq #	77
53) 2,4-Dinitrophenol	14.88	184	188870	107.372	nq #	49
54) Dibenzofuran	15.16	168	839675	49.014	nq	100
55) 4-Nitrophenol	14.99	139	75456	31.830	nq #	76
56) 2,4-Dinitrotoluene	15.12	165	234994	51.864	nq #	73
57) Fluorene	15.80	166	673560	48.429	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	206286	49.577	nq	91
59) Diethylphthalate	15.56	149	718391	46.511	nq	97
60) 4-Chlorophenyl-phenylether	15.79	204	395518	47.087	nq	91
61) 4-Nitroaniline	15.83	138	151534	43.002	nq	85
62) Azobenzene	16.08	77	581938	49.402	nq	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	136340	45.806	nq #	75
65) n-Nitrosodiphenylamine	16.00	169	630242	46.446	nq	100
66) 4-Bromophenyl-phenylether	16.68	248	267845	47.226	nq	99
67) Hexachlorobenzene	16.81	284	271523	45.056	nq	96
68) Atrazine	16.94	200	263524	47.069	nq	99
69) Pentachlorophenol	17.16	266	273746	82.177	nq	97
70) Phenanthrene	17.54	178	1144624	49.093	nq	97
71) Anthracene	17.63	178	1178399	50.440	nq	99
72) Carbazole	17.90	167	1093101	49.936	nq	99
73) Di-n-butylphthalate	18.44	149	1265260	47.075	nq	99
74) Fluoranthene	19.54	202	1499244	50.786	nq	97
76) Benzidine	19.72	184	400417	24.369	nq	99
77) Pyrene	19.91	202	1523854	50.202	nq	96
79) Butylbenzylphthalate	20.76	149	615170	50.828	nq	85
80) Benzo(a)anthracene	21.76	228	1570865	49.438	nq	97
81) 3,3'-Dichlorobenzidine	21.66	252	249739	19.471	nq	98
82) Chrysene	21.82	228	1476162	50.222	nq	95
83) Bis(2-ethylhexyl)phthalate	21.63	149	872069	49.917	nq	100
84) Di-n-octyl phthalate	22.86	149	1475641	51.895	nq #	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1685067	47.158	nq	98
87) Benzo(b)fluoranthene	24.03	252	1584487	50.972	nq	97
88) Benzo(k)fluoranthene	24.09	252	1476562	47.922	nq	97
89) Benzo(a)pyrene	24.93	252	1493872	50.587	nq	99
90) Dibenzo(a,h)anthracene	28.94	278	1425895	47.241	nq	98
91) Benzo(g,h,i)perylene	30.07	276	1414016	48.268	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

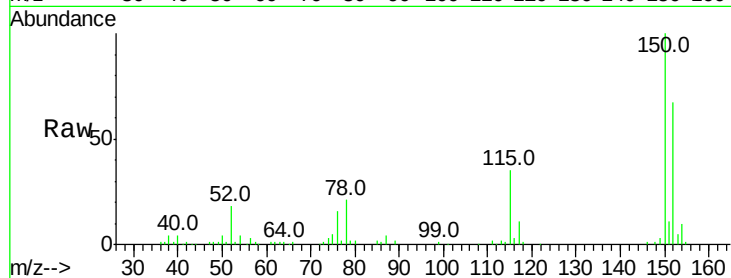
Tot Ion:152 Resp: 59660

Ion Ratio Lower Upper

152 100

150 149.5 126.6 189.8

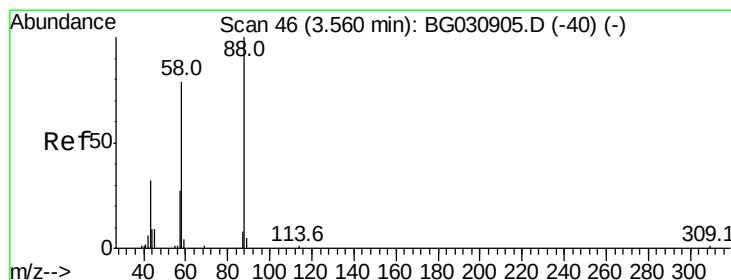
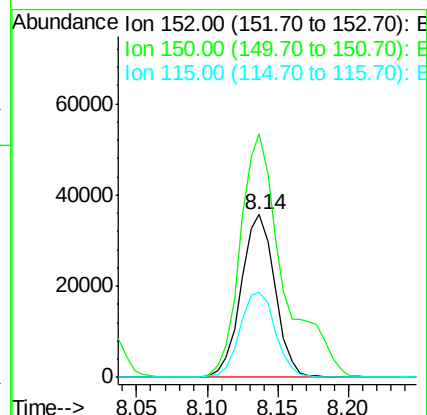
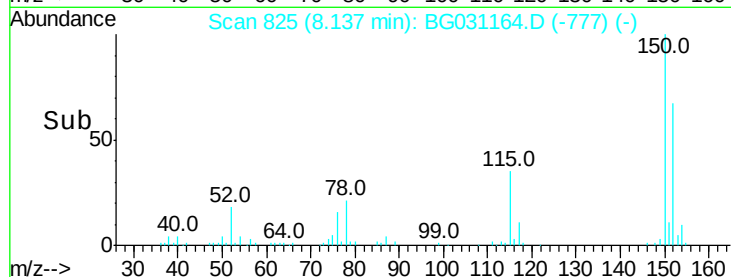
115 52.3 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 17.614 ng

RT: 3.54 min Scan# 43

Delta R.T. -0.03 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

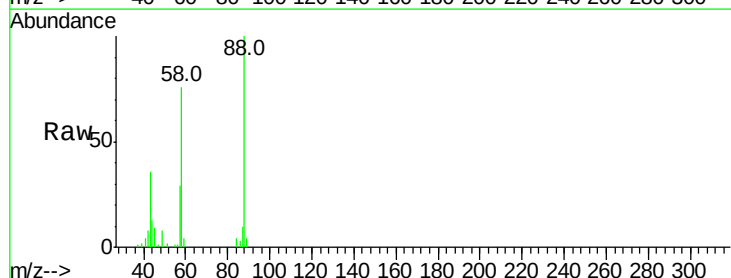
Tgt Ion: 88 Resp: 24869

Ion Ratio Lower Upper

88 100

58 78.8 79.6 119.4#

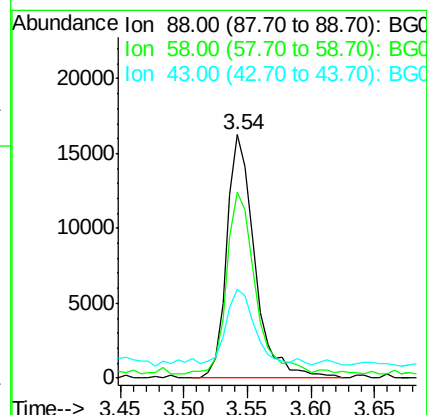
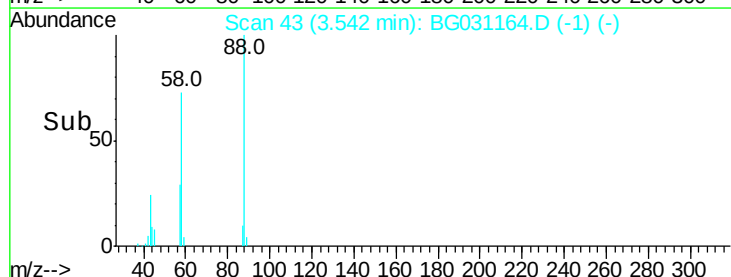
43 30.4 27.4 41.0

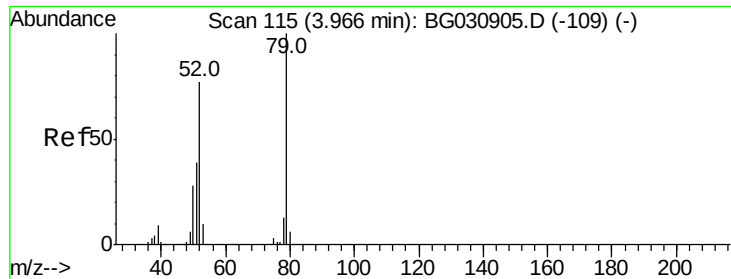


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 14.429 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

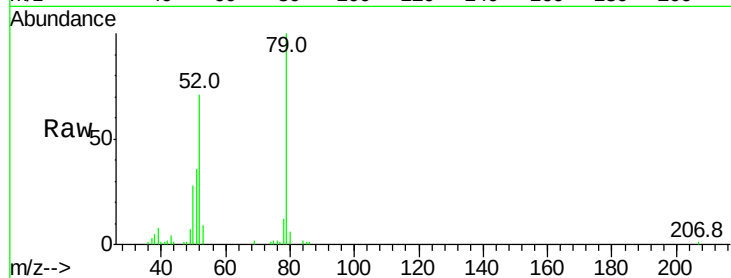
Tot Ion: 79 Resp: 59143

Ion Ratio Lower Upper

79 100

52 71.1 69.9 104.9

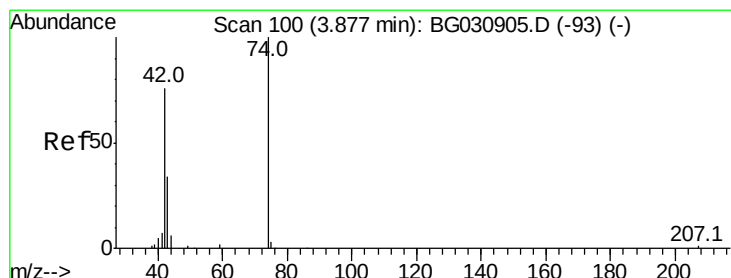
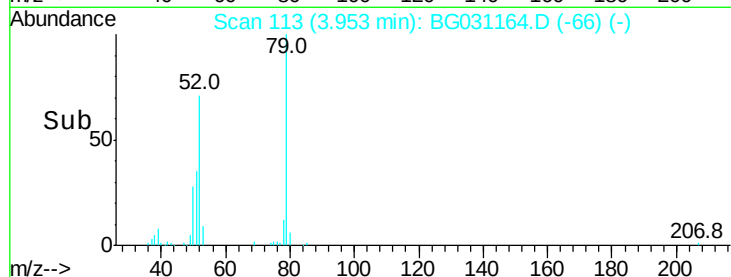
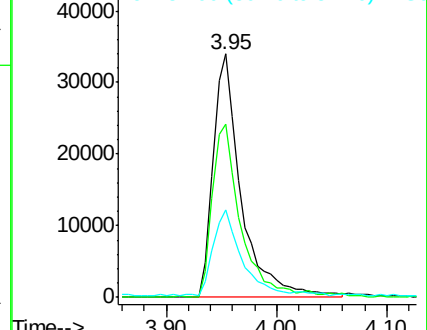
51 36.2 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 17.535 ng

RT: 3.87 min Scan# 98

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

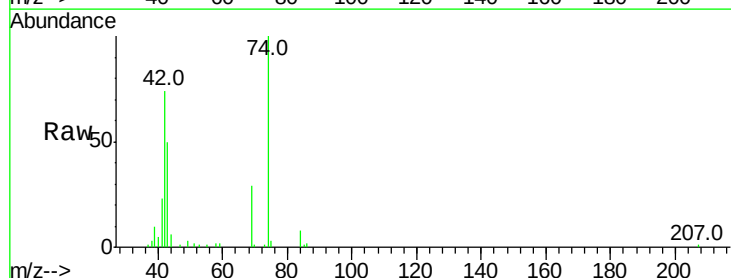
Tgt Ion: 42 Resp: 34064

Ion Ratio Lower Upper

42 100

74 135.9 102.5 153.7

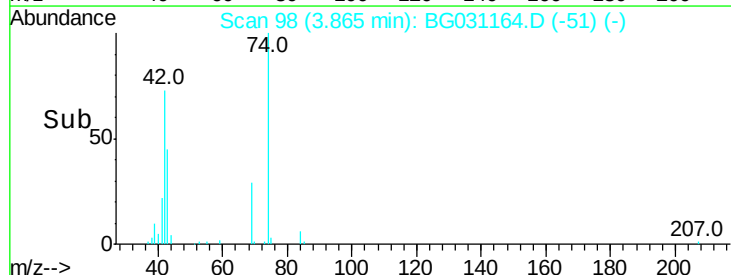
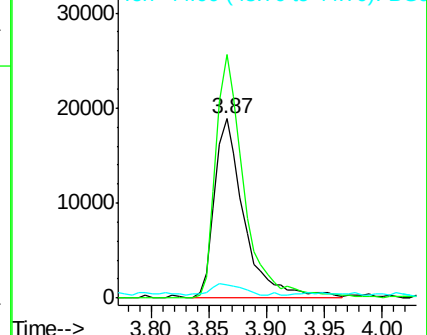
44 7.7 18.9 28.3#

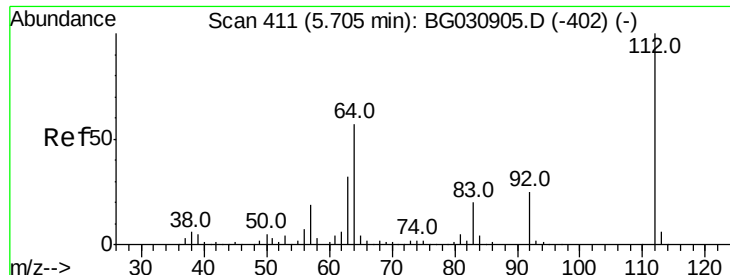


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 68.869 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

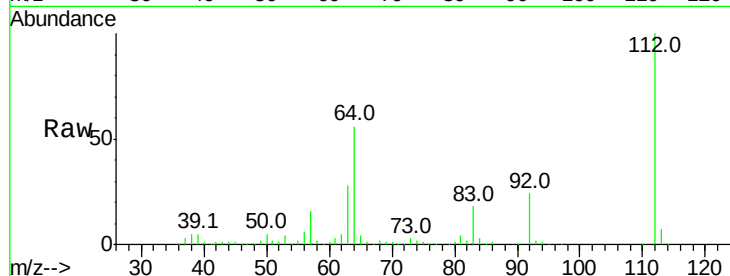
Tot Ion:112 Resp: 239608

Ion Ratio Lower Upper

112 100

64 55.5 56.3 84.5#

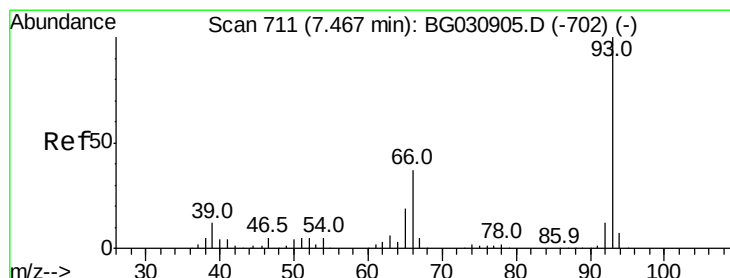
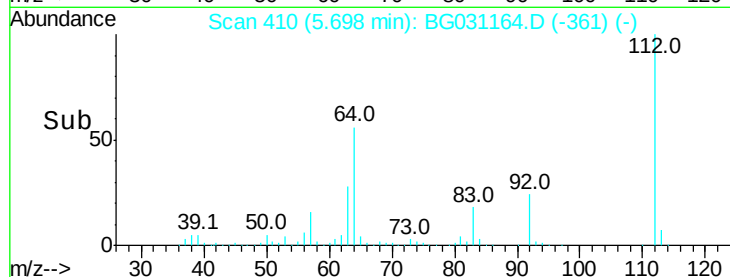
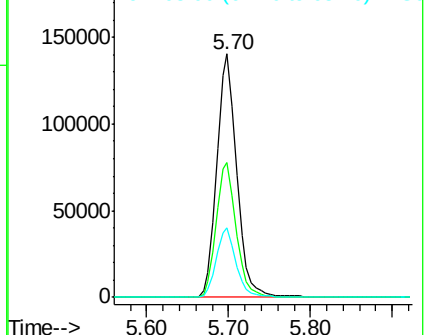
63 28.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.463 ng

RT: 7.46 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

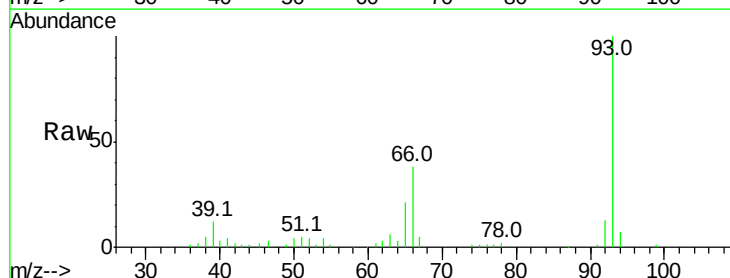
Tgt Ion: 93 Resp: 58373

Ion Ratio Lower Upper

93 100

66 37.9 33.7 50.5

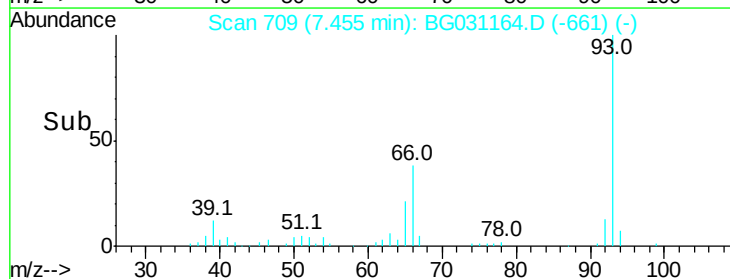
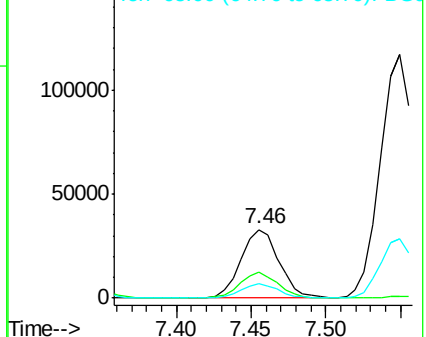
65 20.5 16.1 24.1

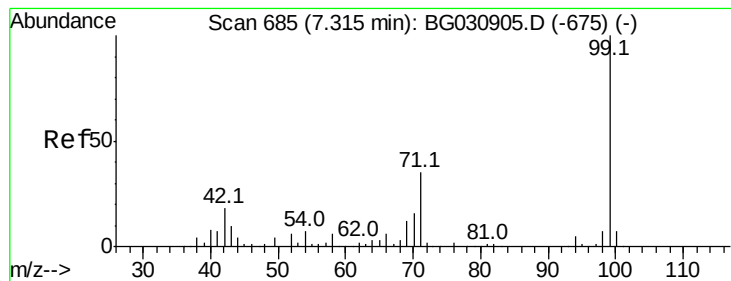


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 41.191 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampled :

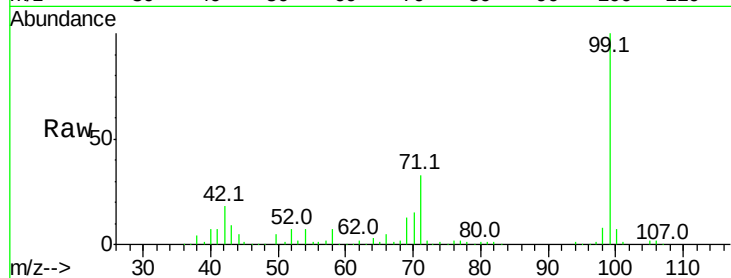
Tot Ion: 99 Resp: 193074

Ion Ratio Lower Upper

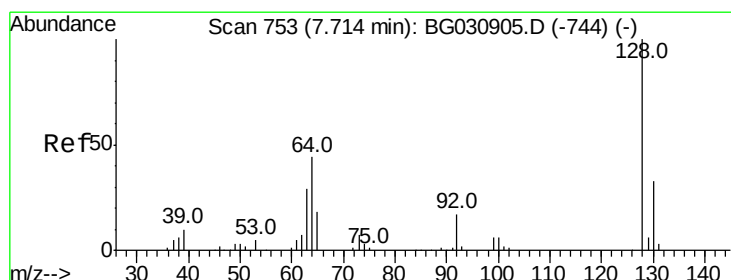
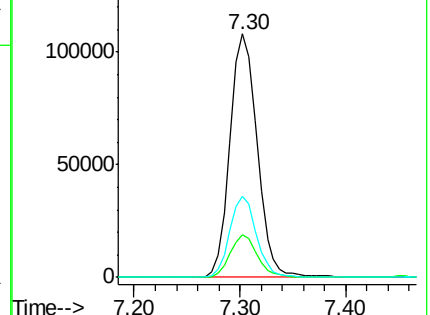
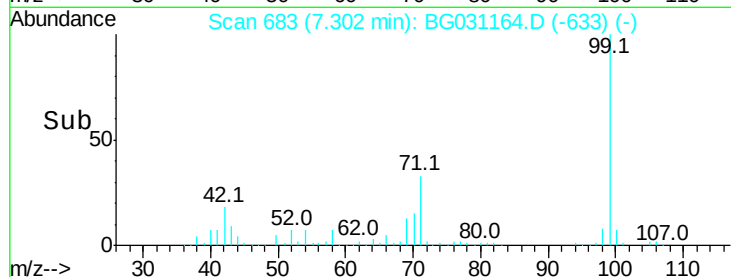
99 100

42 17.5 14.1 21.1

71 33.3 26.1 39.1



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



#8

2-Chlorophenol

Concen: 42.734 ng

RT: 7.70 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

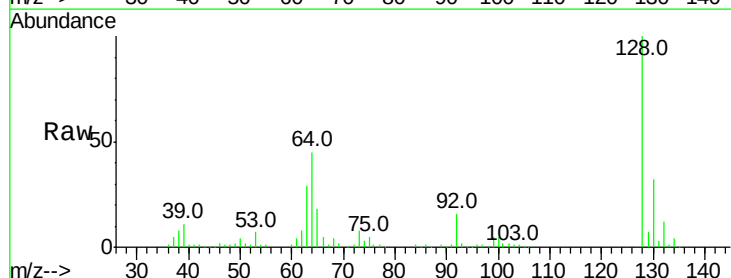
Tgt Ion:128 Resp: 164079

Ion Ratio Lower Upper

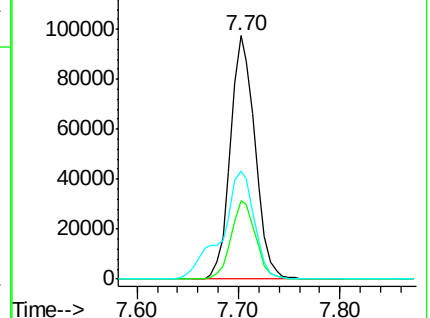
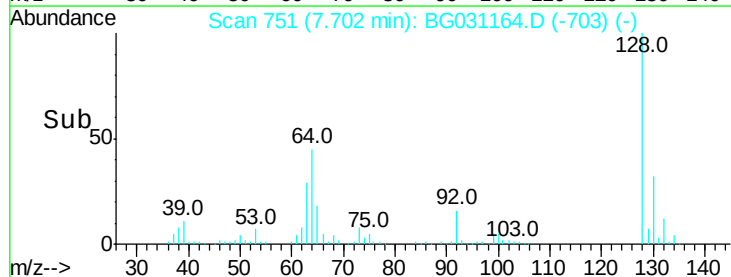
128 100

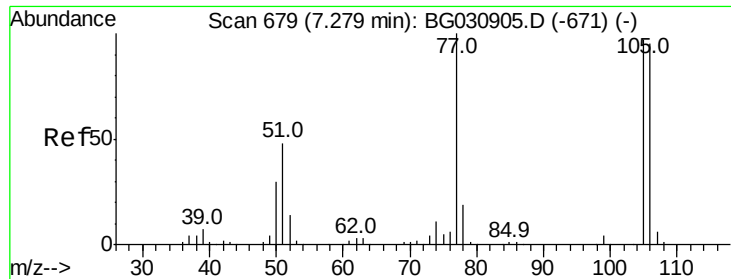
130 32.2 14.0 54.0

64 44.5 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: 22.870 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

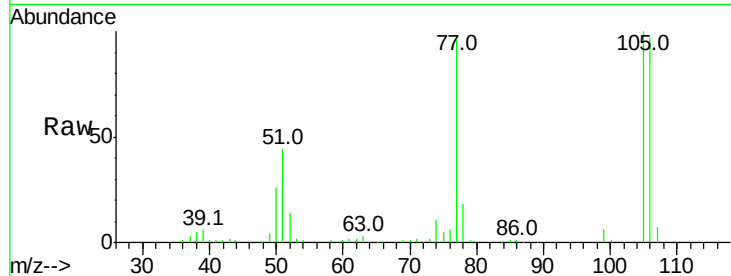
Tot Ion: 77 Resp: 75014

Ion Ratio Lower Upper

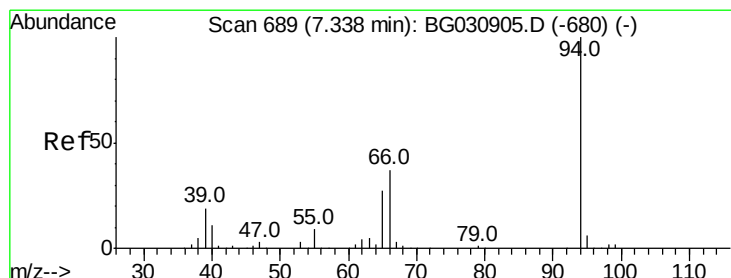
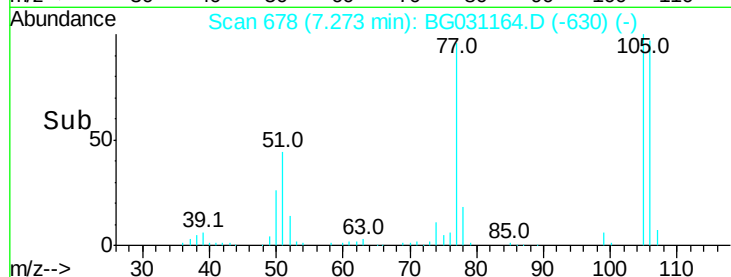
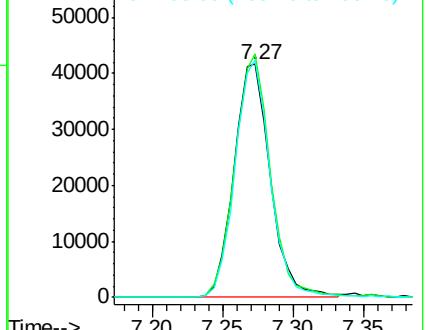
77 100

105 104.5 71.3 111.3

106 101.6 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: 15.958 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

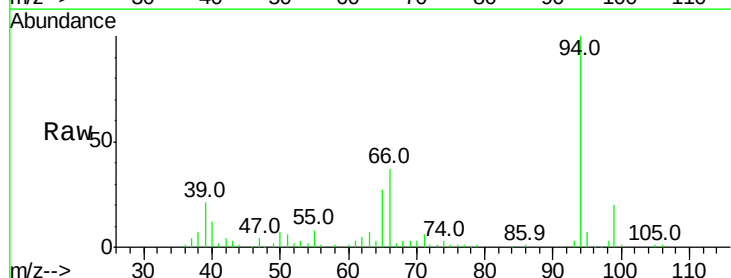
Tgt Ion: 94 Resp: 77681

Ion Ratio Lower Upper

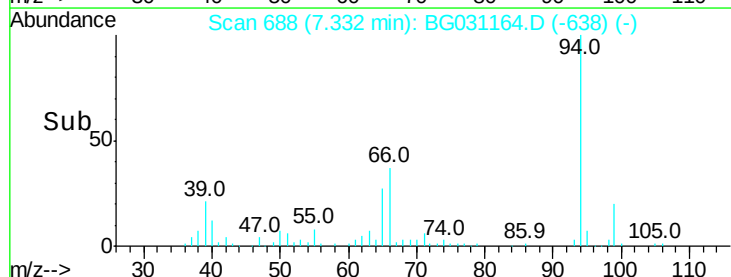
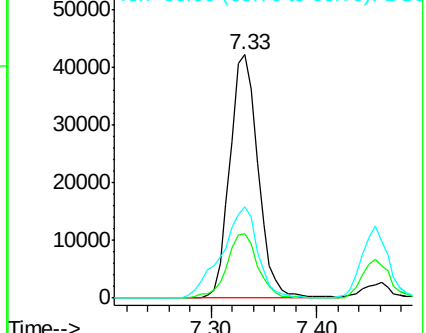
94 100

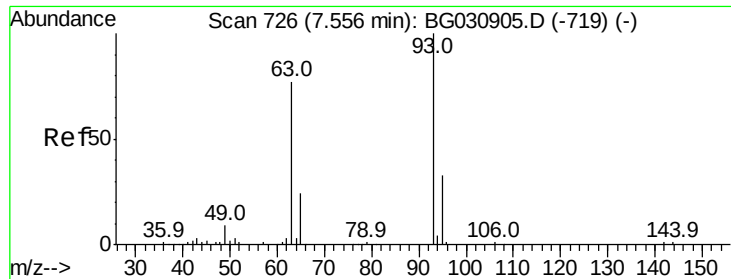
65 26.7 11.9 51.9

66 37.5 22.2 62.2



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

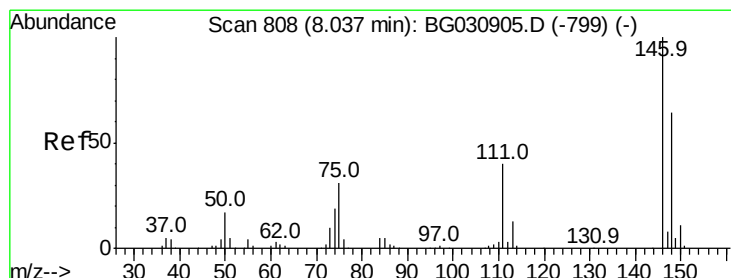
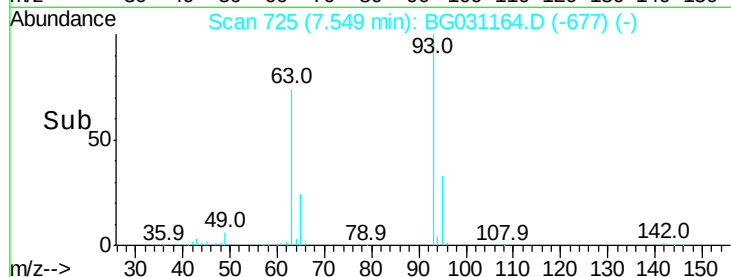
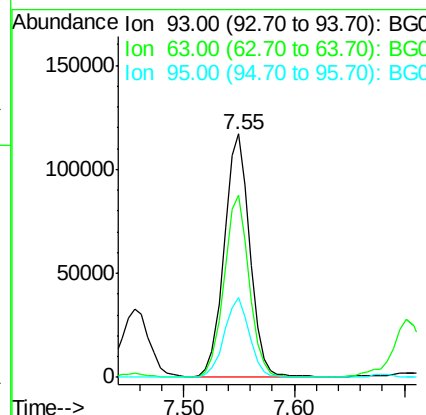
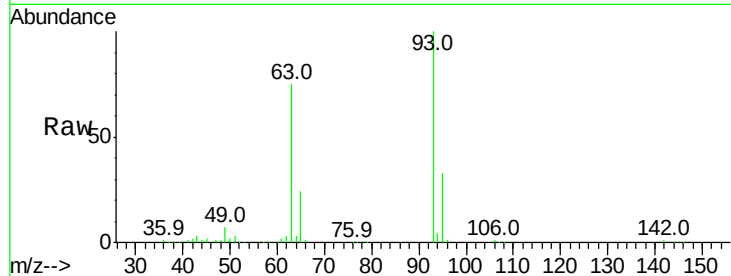




#11
 bis(2-Chloroethyl)ether
 Concen: 48.878 ng
 RT: 7.55 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

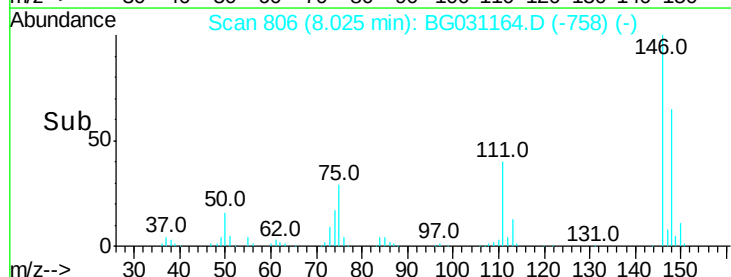
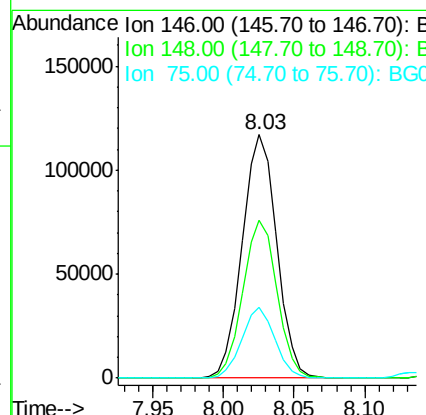
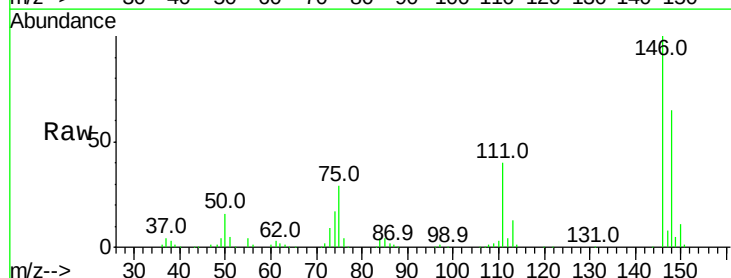
Instrument :
 BNA_G
 ClientSampleId :

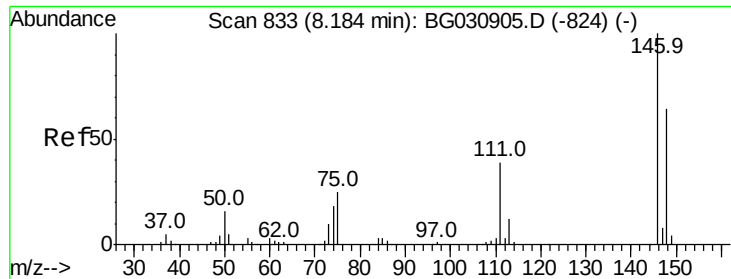
Tot Ion: 93 Resp: 189970
 Ion Ratio Lower Upper
 93 100
 63 74.8 67.1 107.1
 95 32.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 44.614 ng
 RT: 8.03 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion: 146 Resp: 200976
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 75 29.1 26.6 39.8

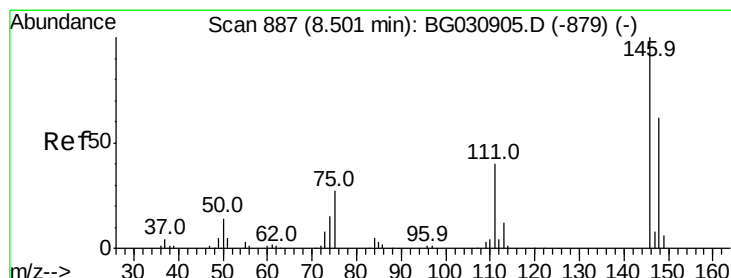
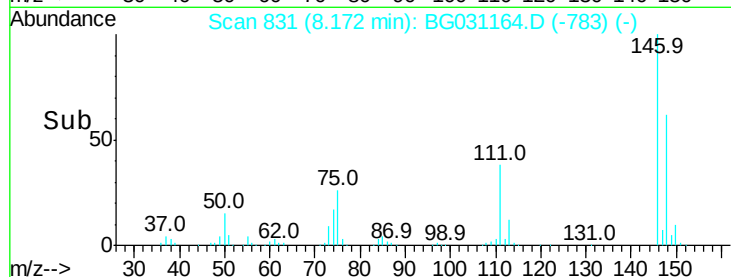
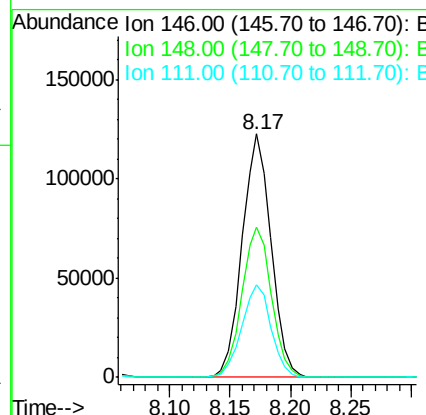
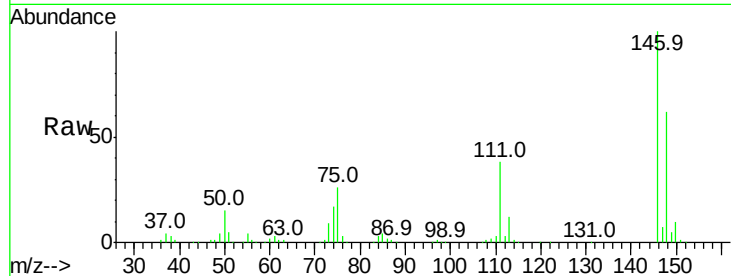




#13
 1,4-Dichlorobenzene
 Concen: 44.841 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

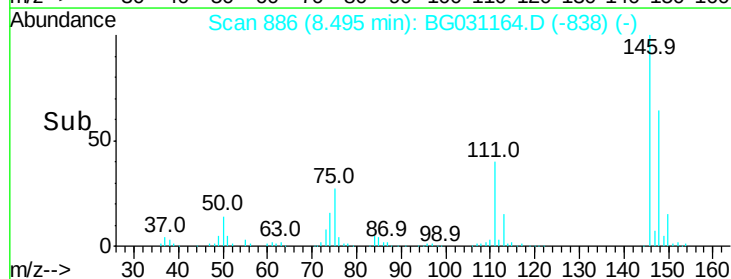
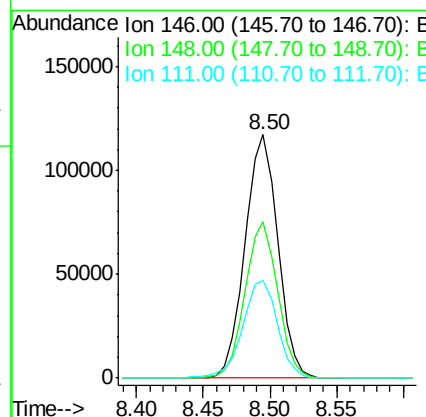
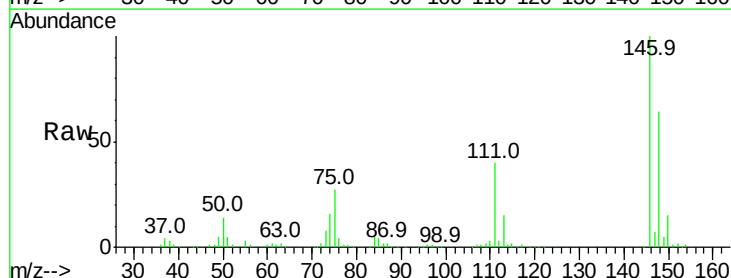
Instrument :
 BNA_G
 ClientSampleId :

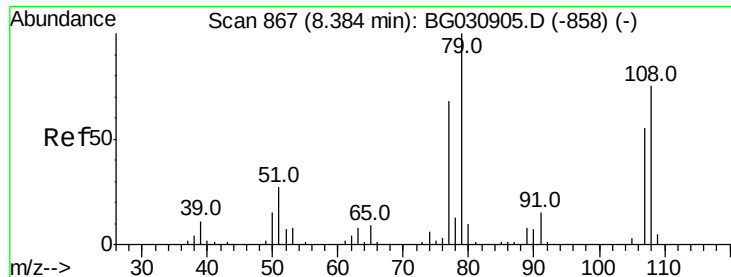
Tot Ion:146 Resp: 204695
 Ion Ratio Lower Upper
 146 100
 148 61.6 53.7 80.5
 111 38.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 45.258 ng
 RT: 8.50 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion:146 Resp: 198294
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.3 73.9
 111 39.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 28.466 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

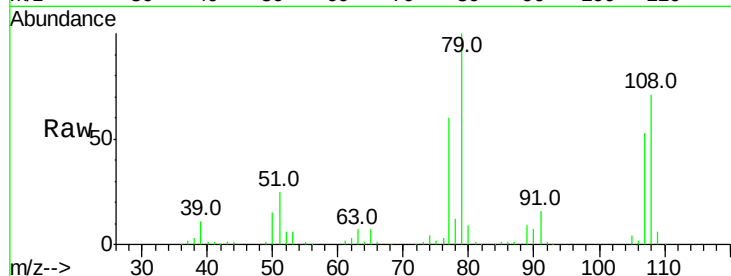
Tot Ion: 79 Resp: 107027

Ion Ratio Lower Upper

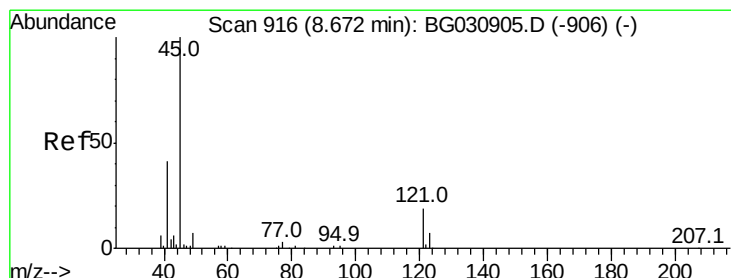
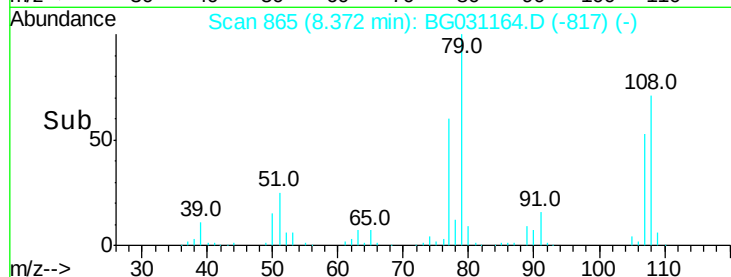
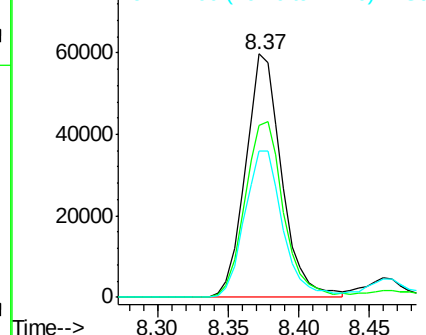
79 100

108 70.7 57.2 85.8

77 60.0 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.662 ng

RT: 8.66 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

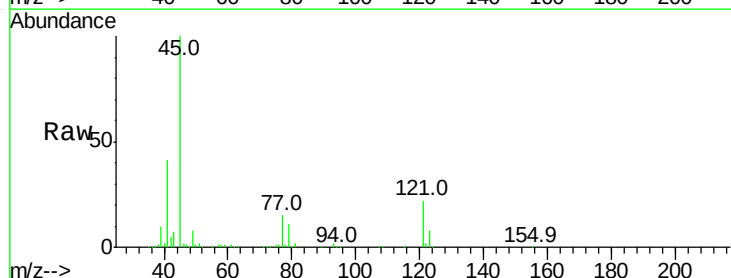
Tgt Ion: 45 Resp: 273304

Ion Ratio Lower Upper

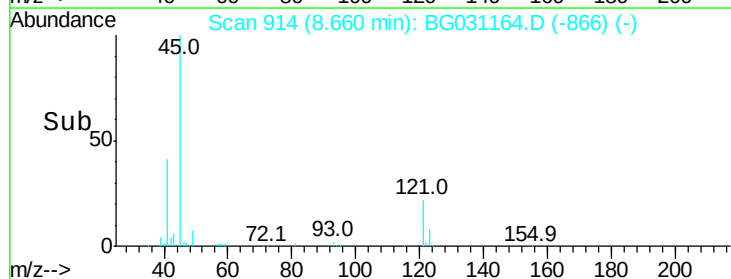
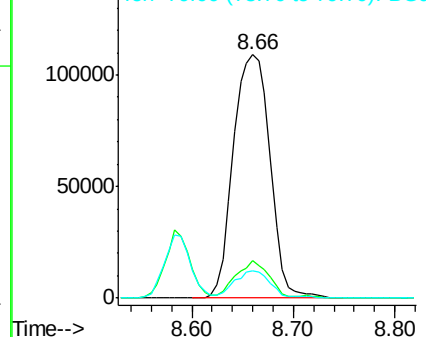
45 100

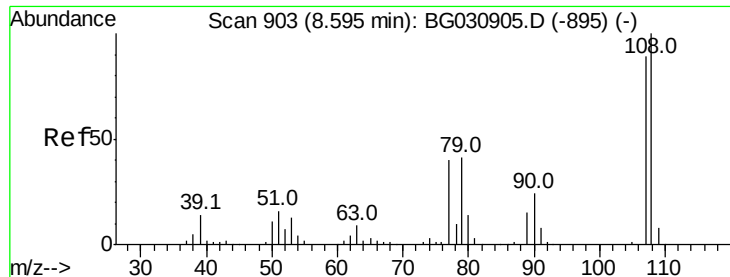
77 15.4 0.0 30.2

79 11.0 0.0 27.9



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

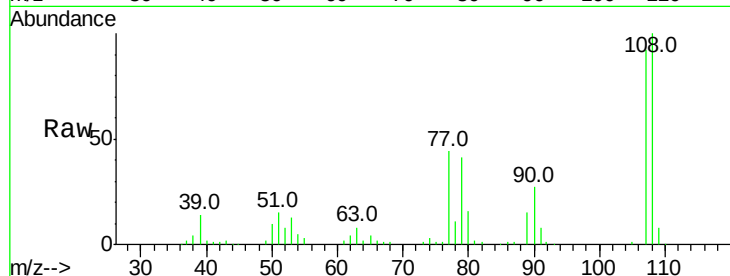




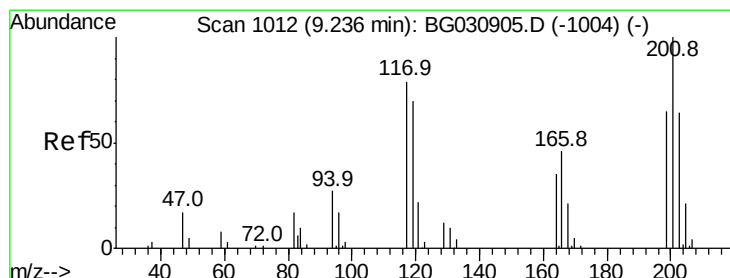
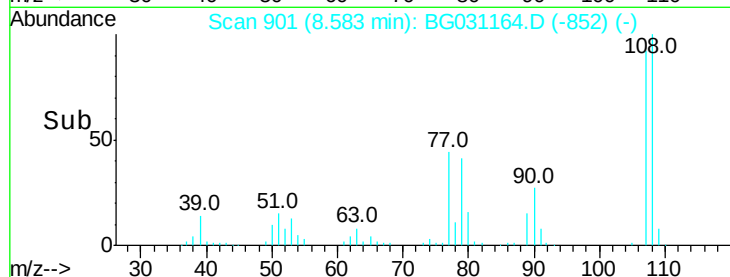
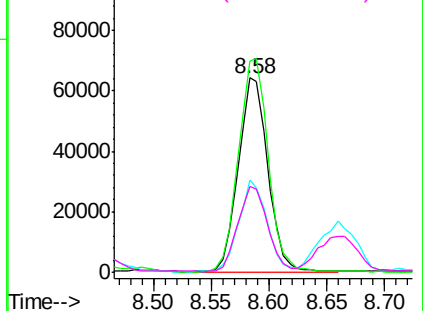
#17
2-Methylphenol
Concen: 33.816 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 114625
Ion Ratio Lower Upper
107 100
108 108.5 83.9 125.9
77 47.6 37.2 55.8
79 44.1 36.2 54.2

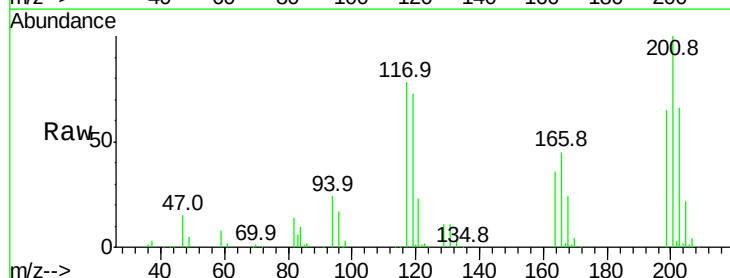


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

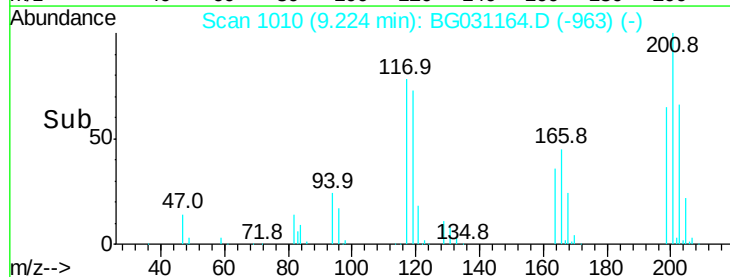
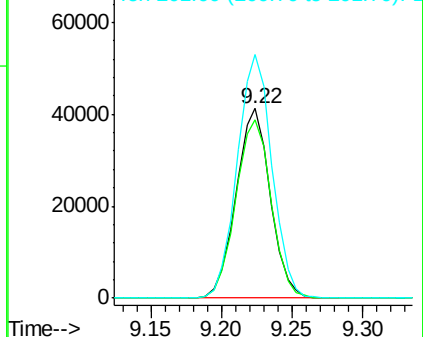


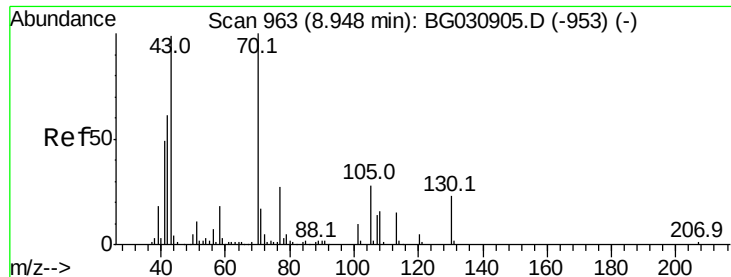
#18
Hexachloroethane
Concen: 44.004 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:117 Resp: 69913
Ion Ratio Lower Upper
117 100
119 94.0 76.7 115.1
201 128.3 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

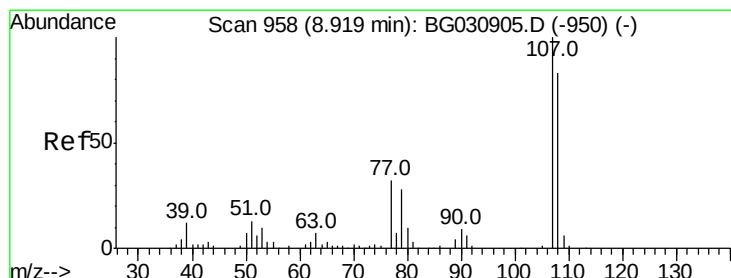
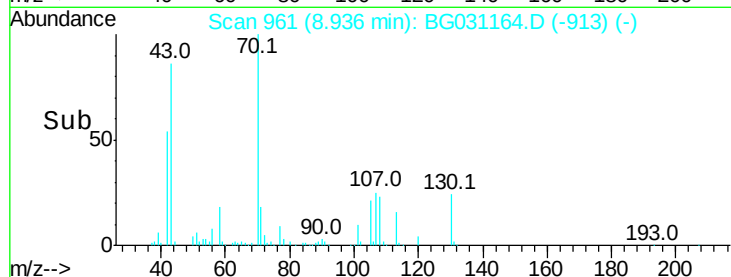
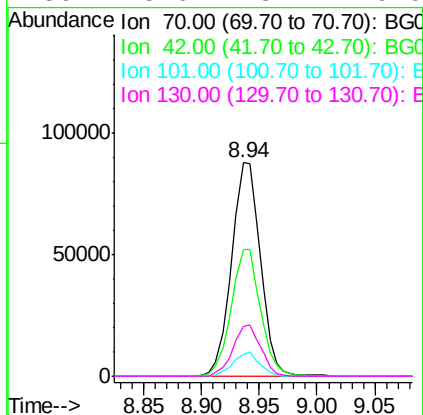
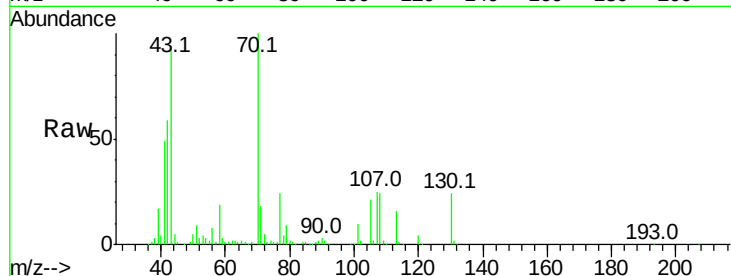




#19
n-Nitroso-di-n-propylamine
Concen: 42.711 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

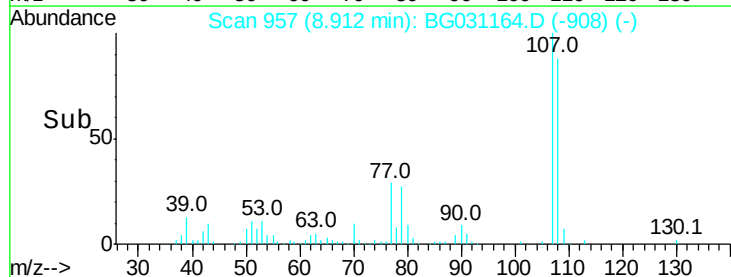
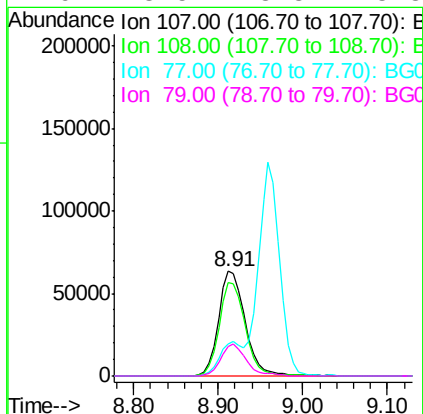
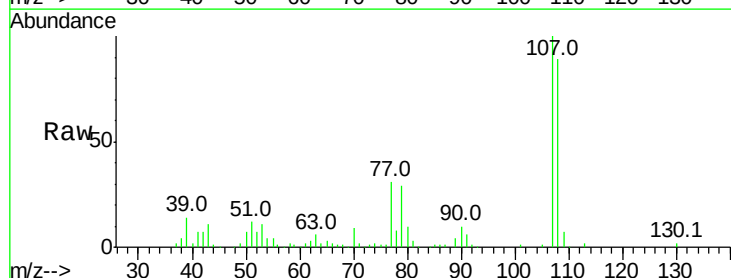
Instrument :
BNA_G
ClientSampleId :

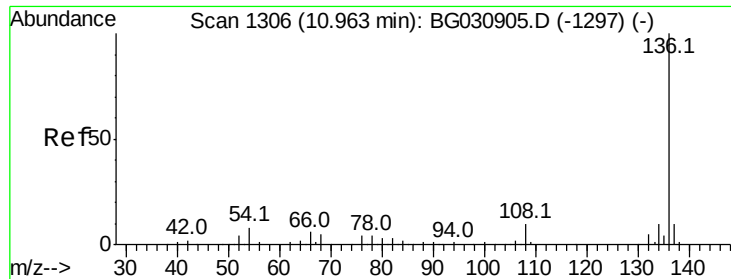
Tot Ion: 70 Resp: 152218
Ion Ratio Lower Upper
70 100
42 59.1 49.1 73.7
101 10.2 8.5 12.7
130 23.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 28.894 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:107 Resp: 139269
Ion Ratio Lower Upper
107 100
108 89.0 61.6 101.6
77 30.8 13.9 53.9
79 28.5 8.8 48.8

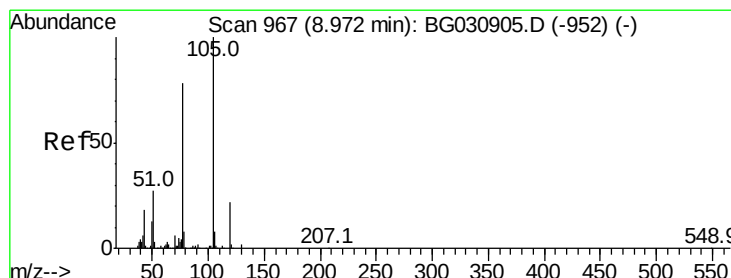
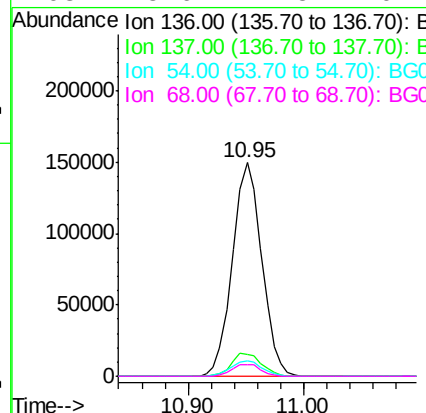
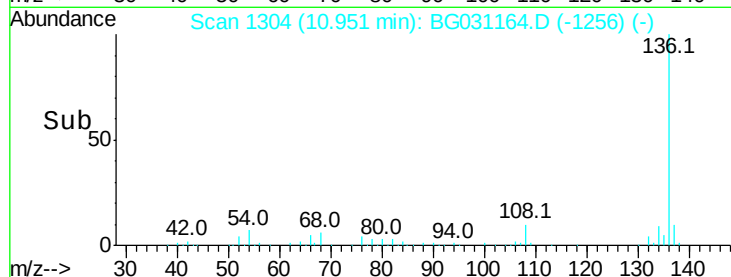
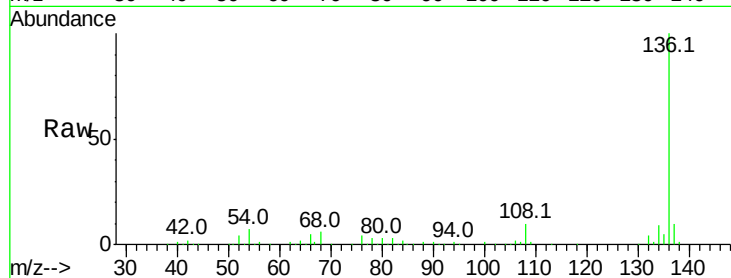




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

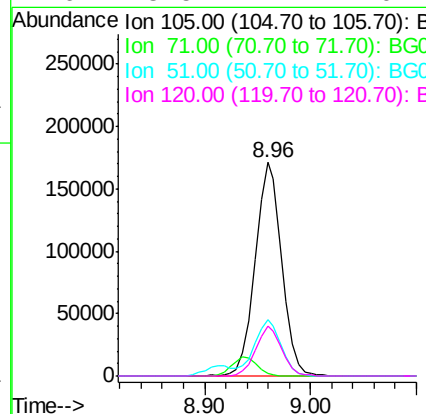
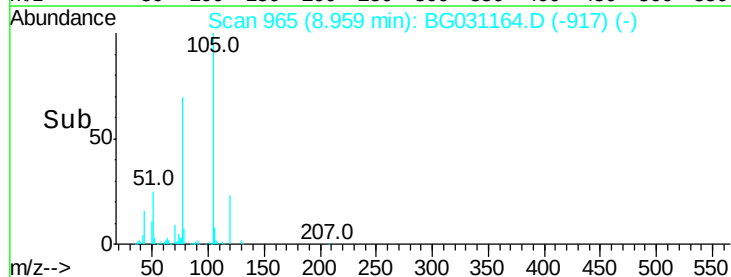
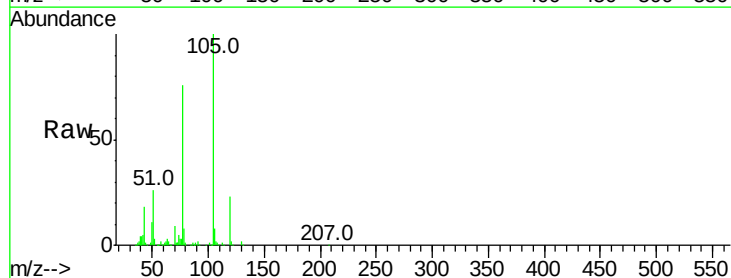
Instrument :
BNA_G
ClientSampleId :

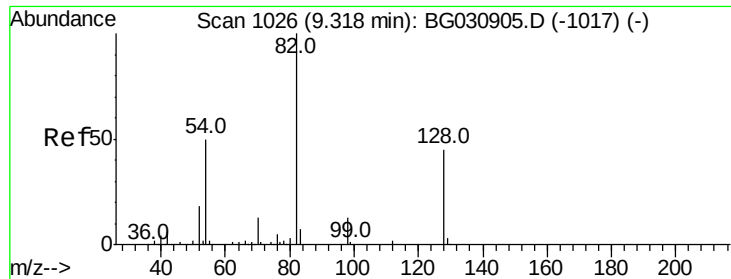
Tot Ion:136	Resp:	262944
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	7.3	10.3 15.5#
68	5.6	4.5 6.7



#22
Acetophenone
Concen: 45.738 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:105	Resp:	299451
Ion Ratio	Lower	Upper
105	100	
71	1.5	3.0 4.4#
51	26.2	26.1 39.1
120	23.5	17.4 26.2

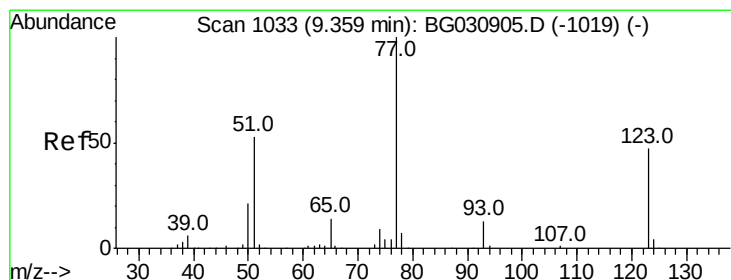
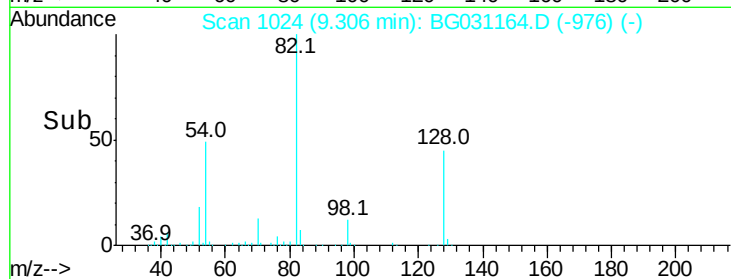
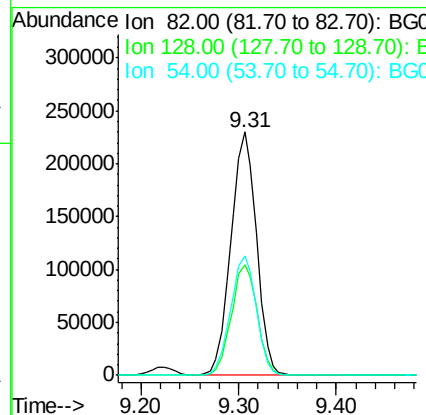
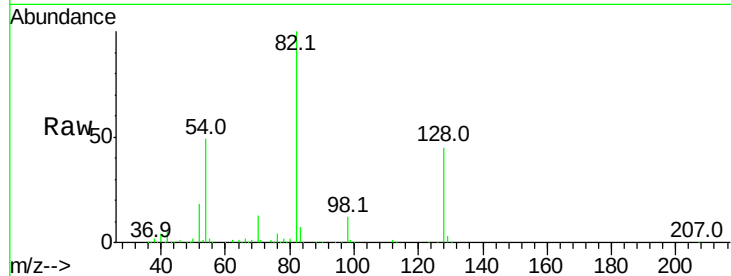




#23
Nitrobenzene-d5
Concen: 93.974 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

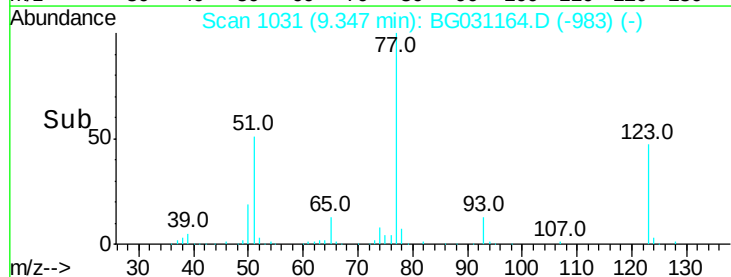
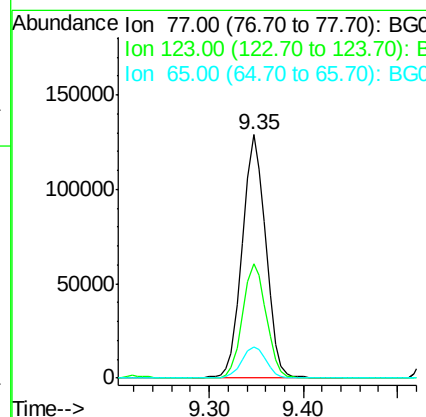
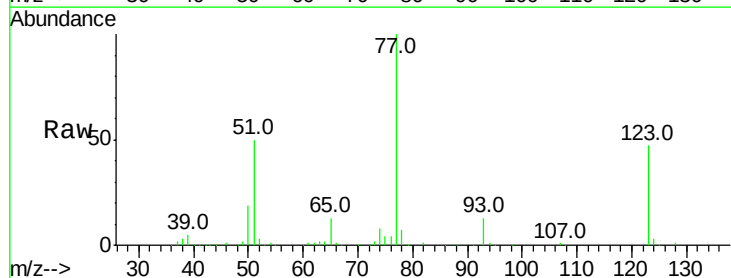
Instrument :
BNA_G
ClientSampleId :

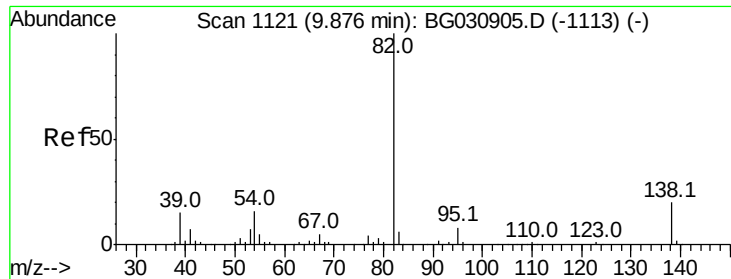
Tot Ion: 82 Resp: 417002
Ion Ratio Lower Upper
82 100
128 45.5 29.7 44.5#
54 49.1 43.1 64.7



#24
Nitrobenzene
Concen: 49.426 ng
RT: 9.35 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion: 77 Resp: 224040
Ion Ratio Lower Upper
77 100
123 46.8 33.0 49.6
65 13.0 13.0 19.6#





#25

Isophorone

Concen: 48.849 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

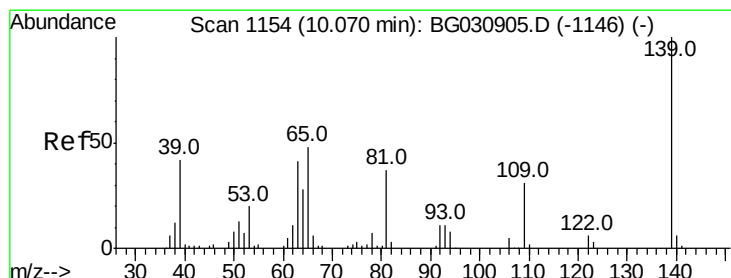
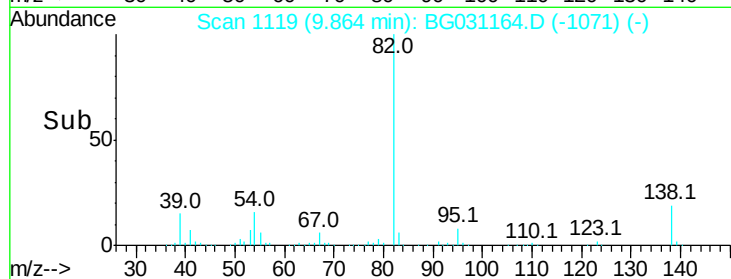
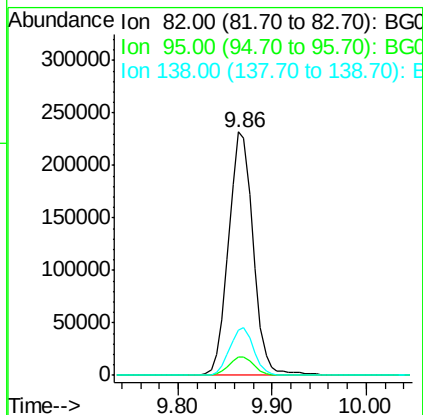
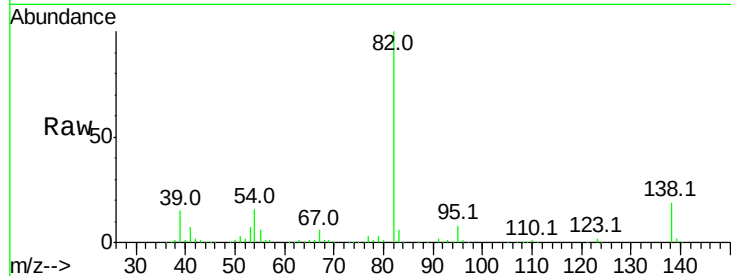
Tot Ion: 82 Resp: 422749

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 18.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.665 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

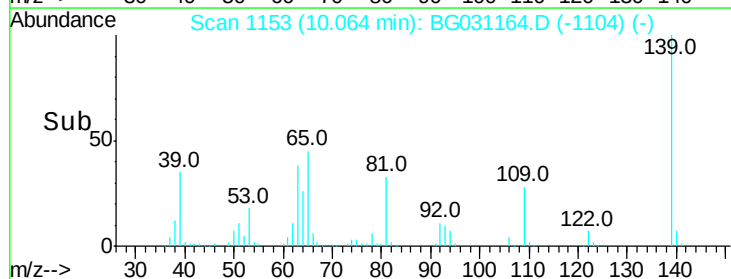
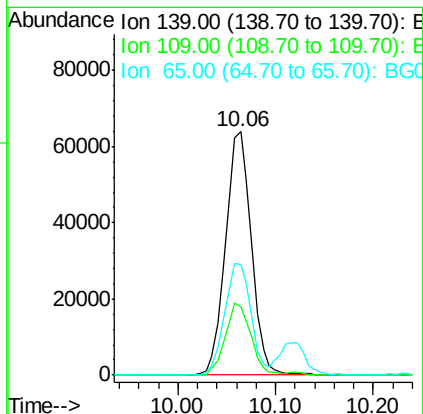
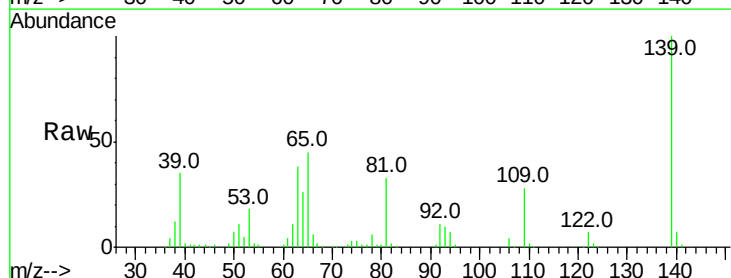
Tgt Ion: 139 Resp: 117343

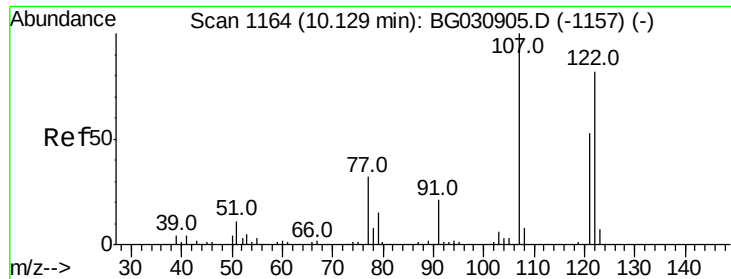
Ion Ratio Lower Upper

139 100

109 28.2 24.2 36.2

65 45.2 47.4 71.0#

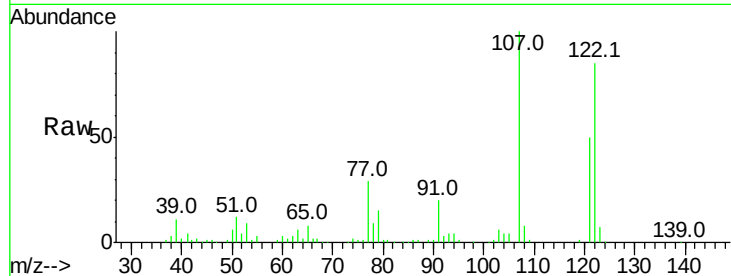




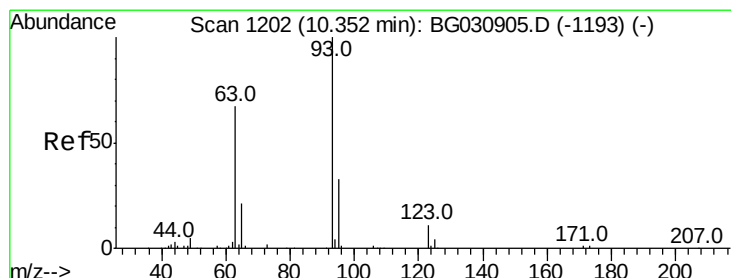
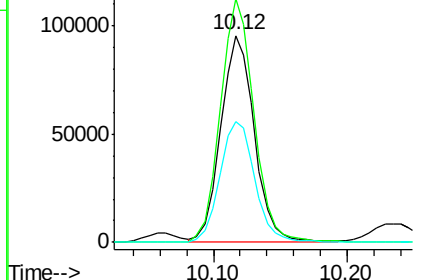
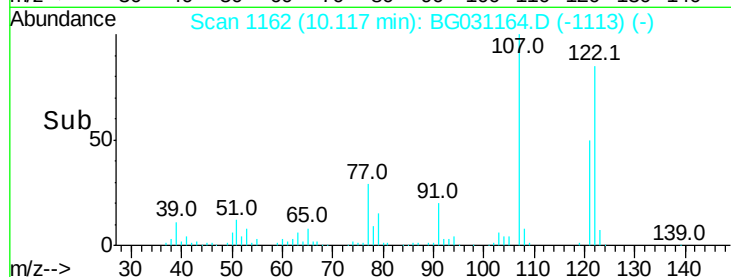
#27
 2,4-Dimethylphenol
 Concen: 47.568 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	100.2	150.2
121	58.5	44.4	66.6

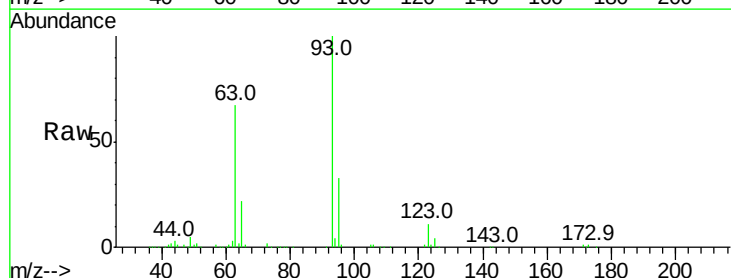


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

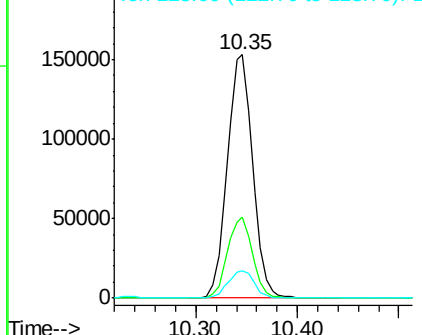
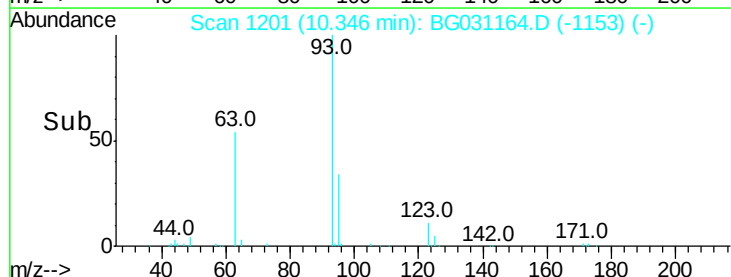


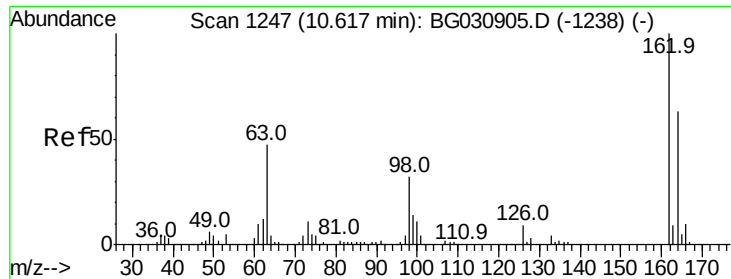
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.737 ng
 RT: 10.35 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.3	36.5
123	11.3	8.4	12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

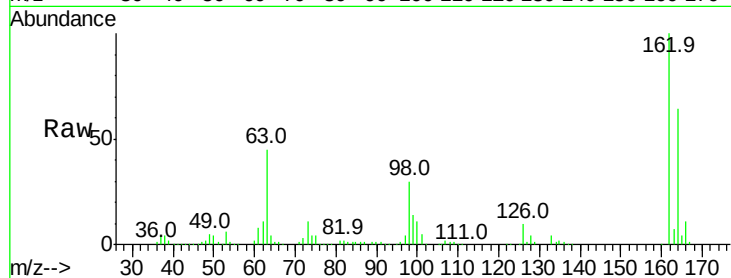




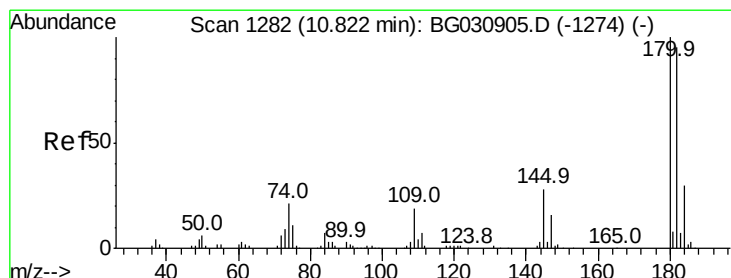
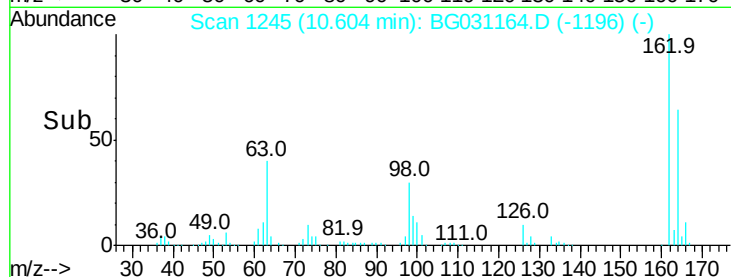
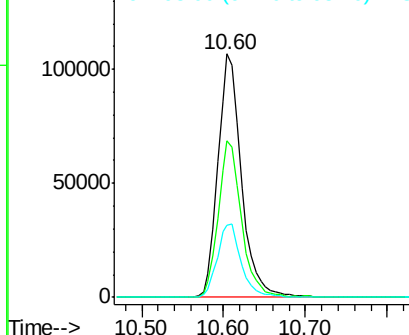
#29
 2,4-Dichlorophenol
 Concen: 50.760 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.0	88.0
98	29.6	21.1	61.1

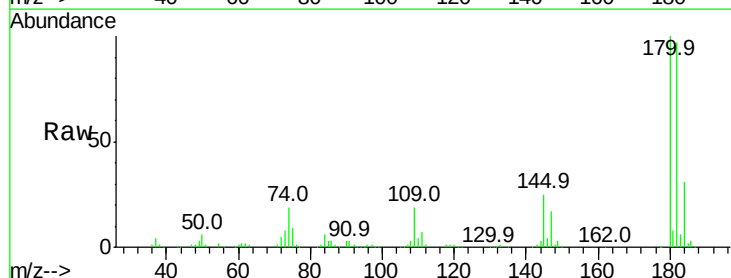


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

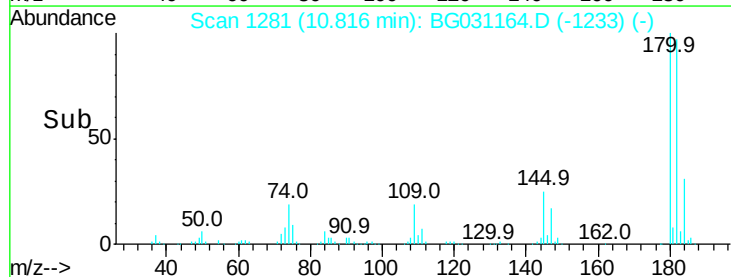
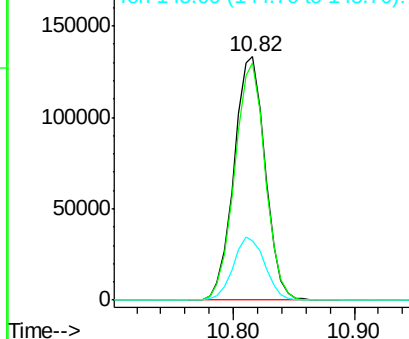


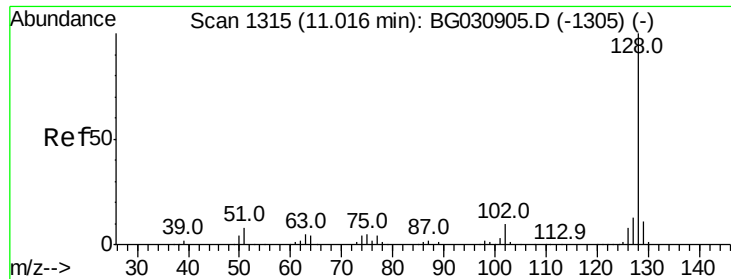
#30
 1,2,4-Trichlorobenzene
 Concen: 47.564 ng
 RT: 10.82 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.5	116.3
145	24.5	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

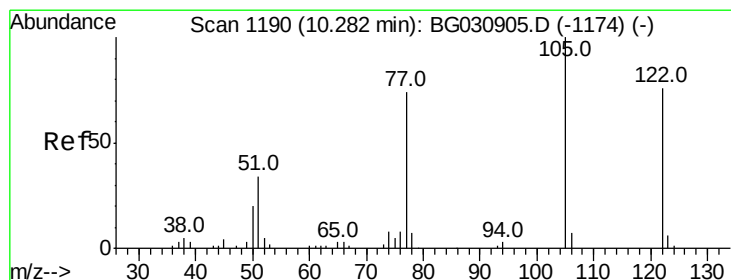
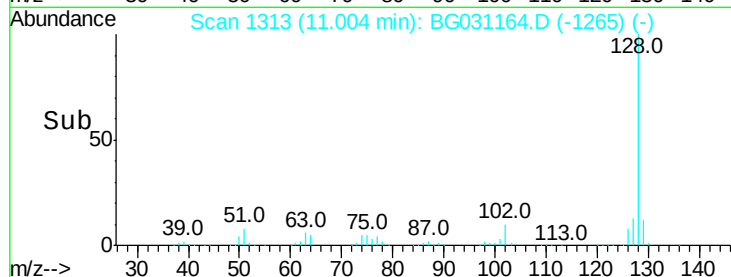
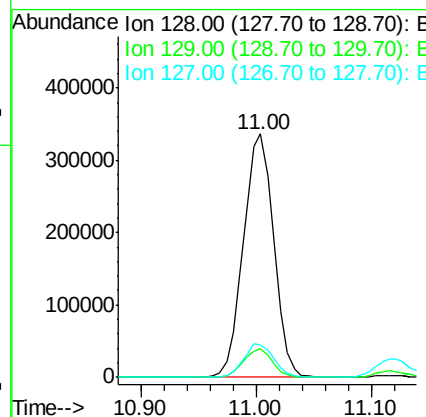
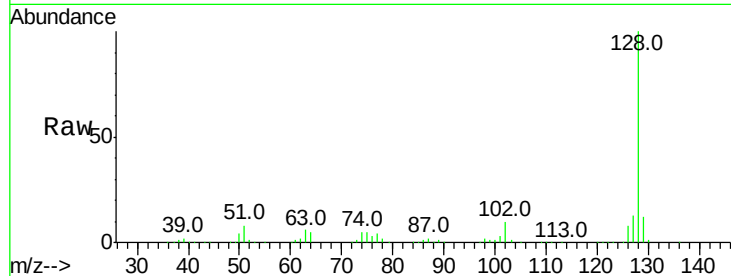




#31
Naphthalene
Concen: 47.318 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

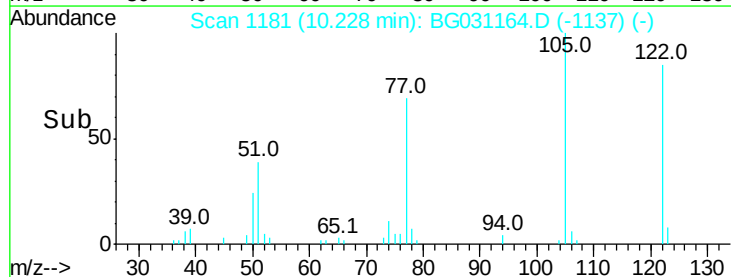
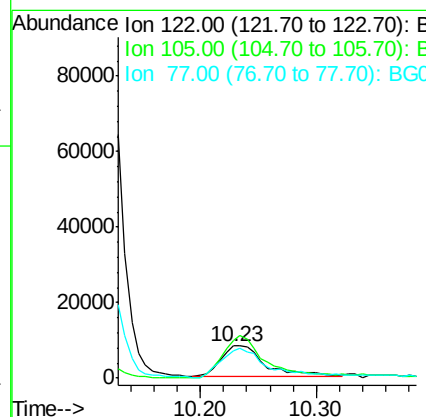
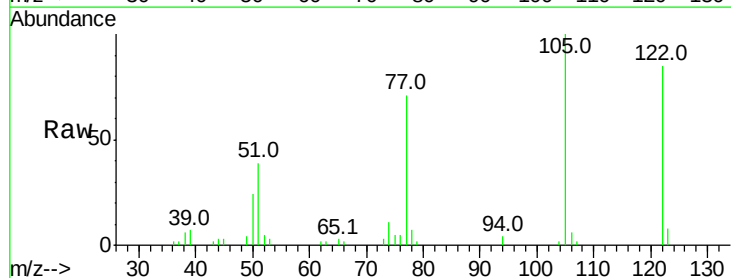
Instrument :
BNA_G
ClientSampleId :

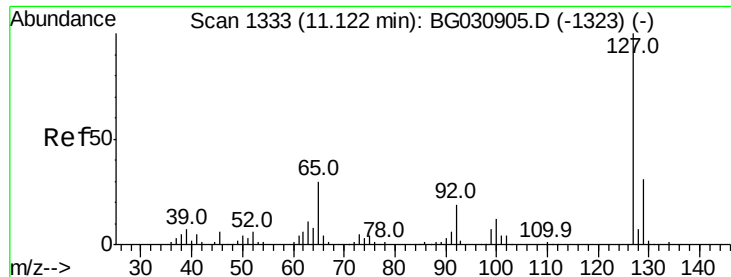
Tot Ion:128 Resp: 611640
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 12.101 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:122 Resp: 21328
Ion Ratio Lower Upper
122 100
105 117.5 123.5 163.5#
77 83.8 85.7 125.7#

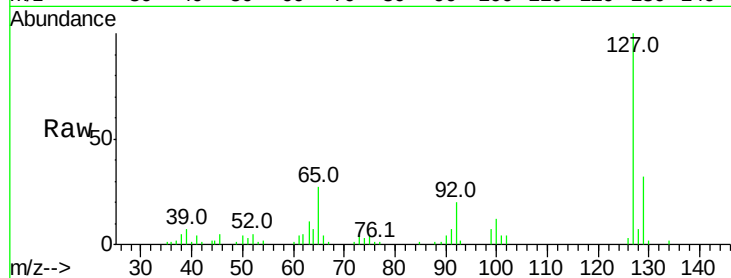




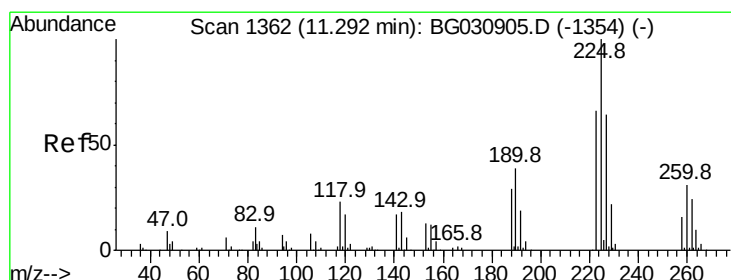
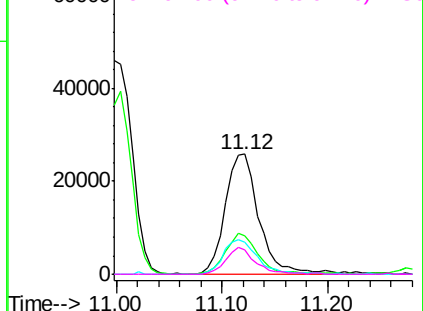
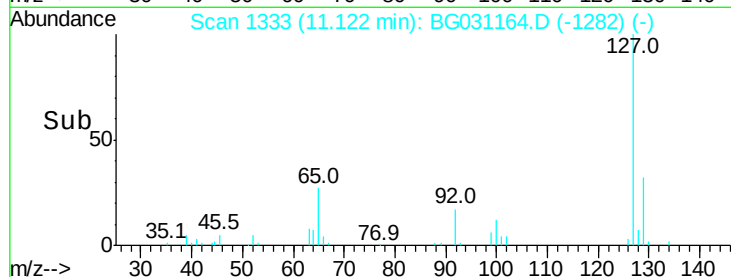
#33
4-Chloroaniline
Concen: 10.088 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	57083
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.0	36.0
65	27.2	27.0	40.4
92	20.1	16.6	25.0

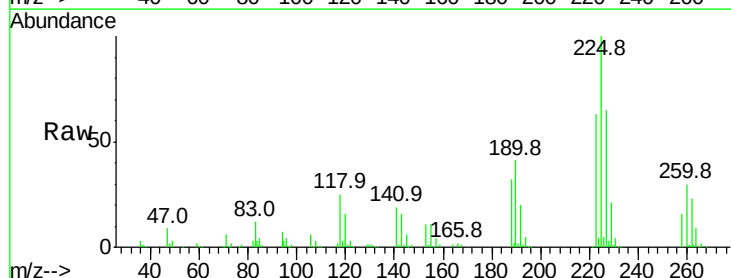


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

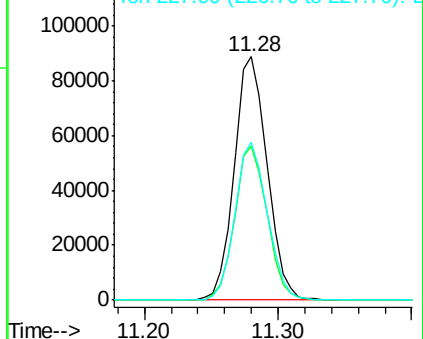
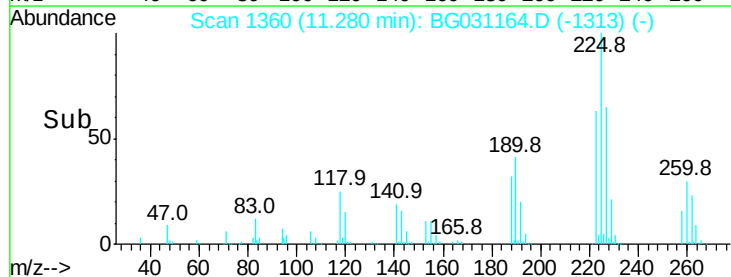


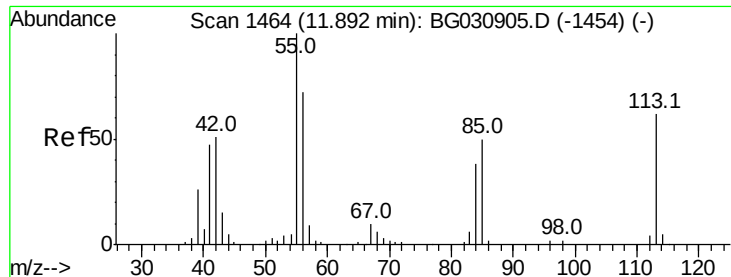
#34
Hexachlorobutadiene
Concen: 43.445 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:	225	Resp:	151517
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	65.1	48.1	72.1



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

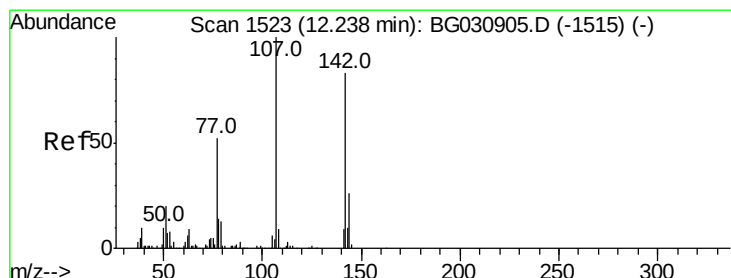
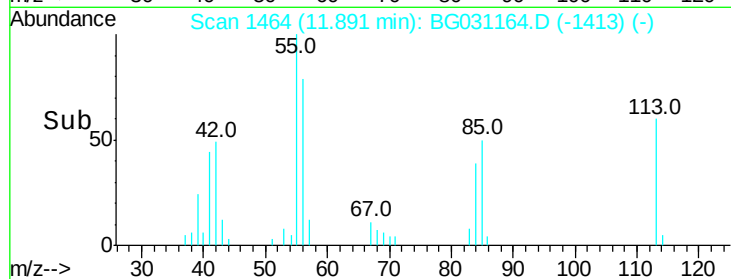
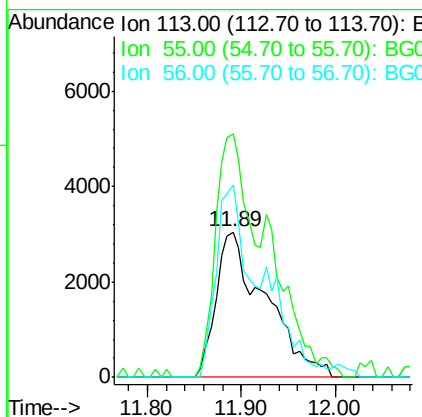
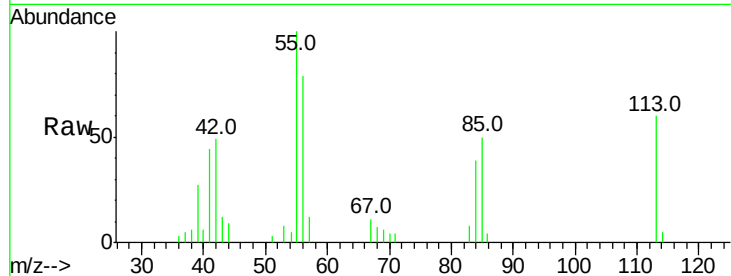




#35
 Caprolactam
 Concen: 6.520 ng
 RT: 11.89 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

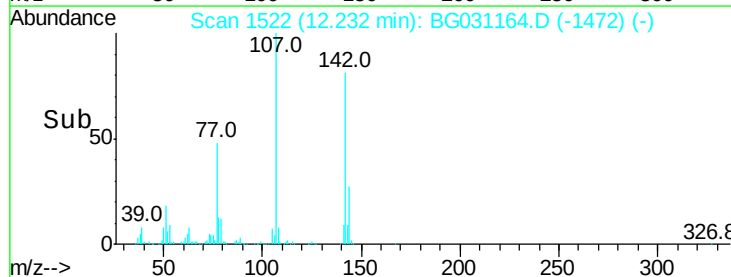
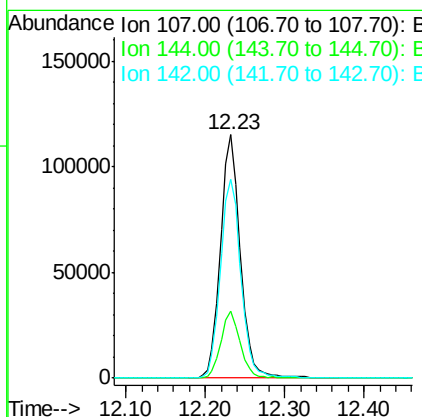
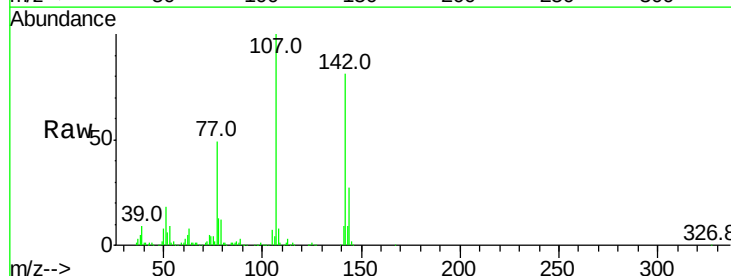
Instrument :
 BNA_G
 ClientSampled :

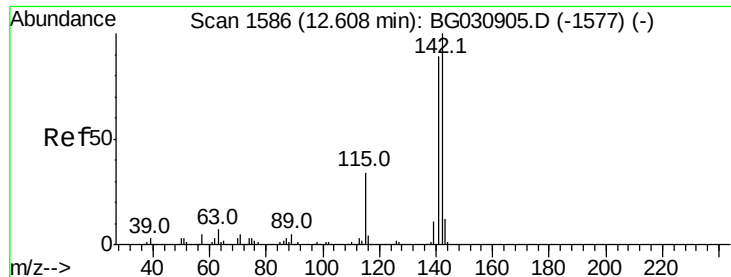
Tot Ion:113 Resp: 11219
 Ion Ratio Lower Upper
 113 100
 55 167.9 186.9 226.9#
 56 132.4 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.609 ng
 RT: 12.23 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion:107 Resp: 199916
 Ion Ratio Lower Upper
 107 100
 144 27.3 18.2 27.4
 142 81.4 59.0 88.4

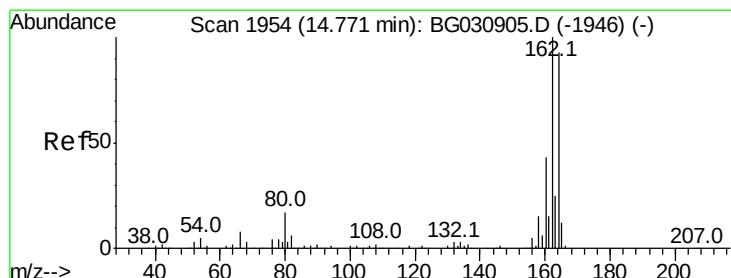
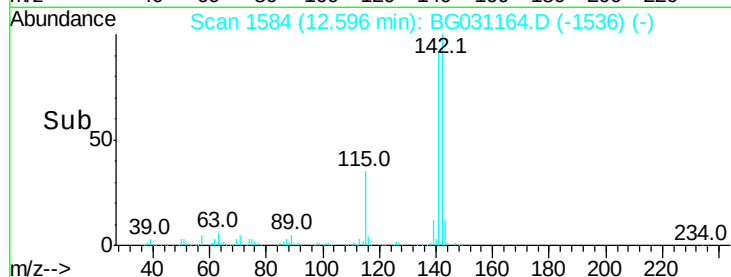
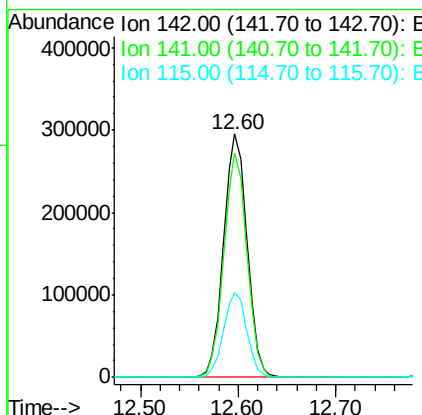
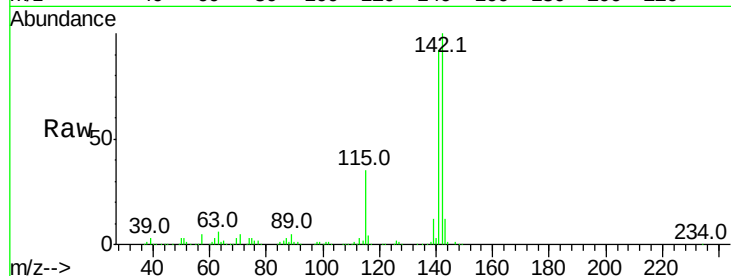




#37
 2-Methylnaphthalene
 Concen: 49.337 ng
 RT: 12.60 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

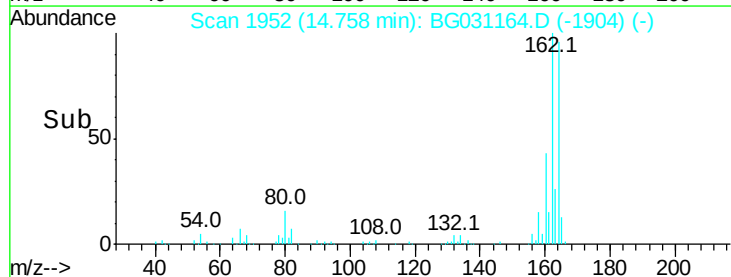
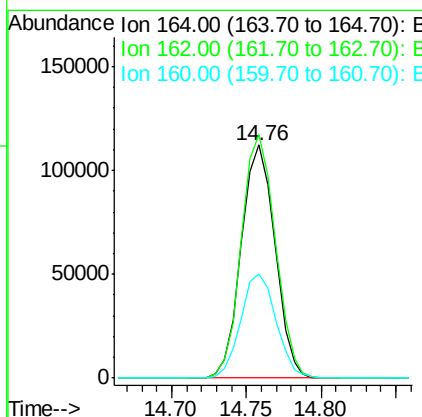
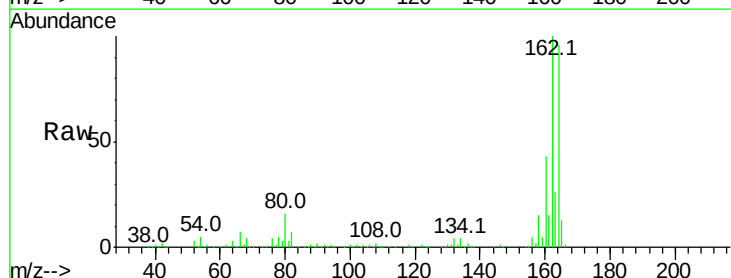
Instrument :
 BNA_G
 ClientSampleId :

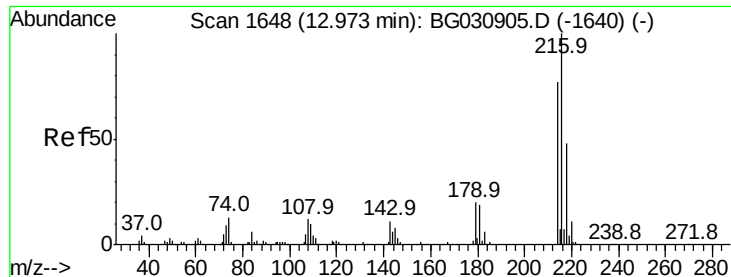
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	67.1	100.7
115	34.6	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	44.6	35.4	53.0

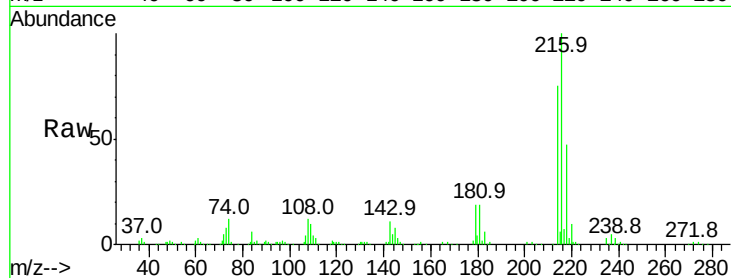




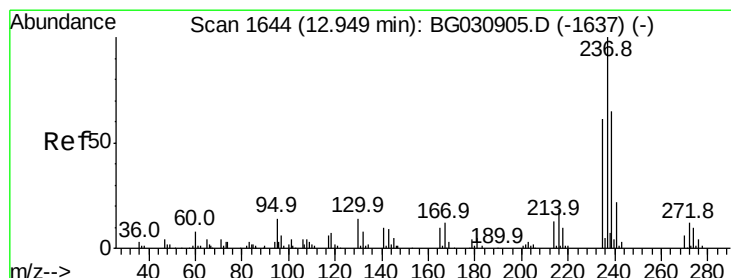
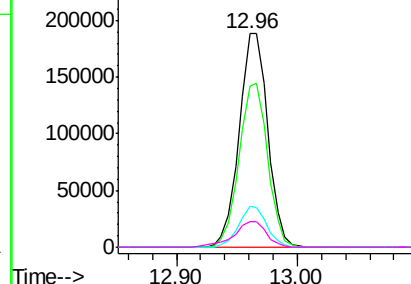
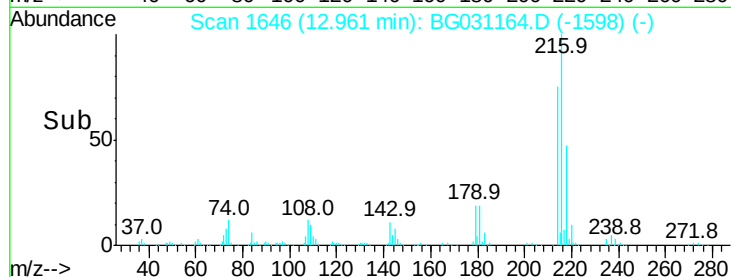
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.628 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	311496
Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.0	94.4
179	18.7	17.0	25.6
108	13.5	12.8	19.2

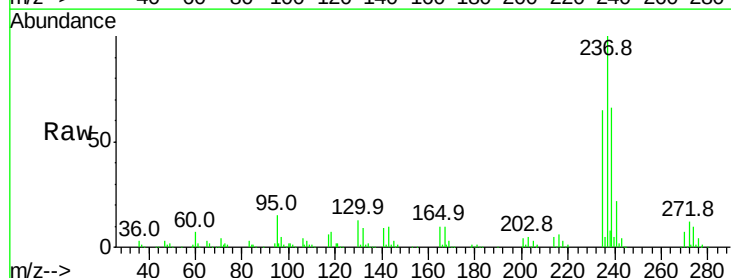


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

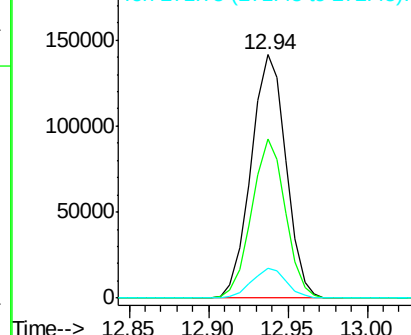
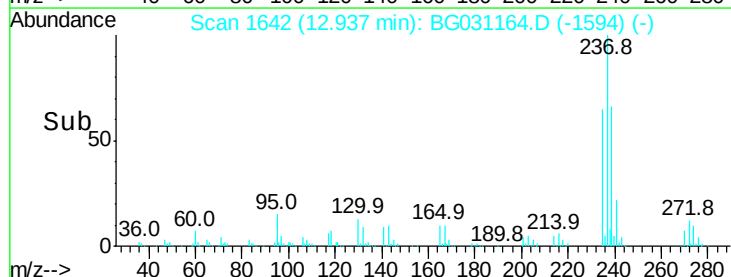


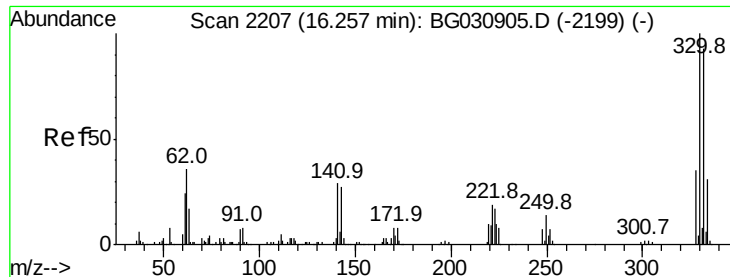
#40
 Hexachlorocyclopentadiene
 Concen: 83.389 ng
 RT: 12.94 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion:	237	Resp:	216612
Ion	Ratio	Lower	Upper
237	100		
235	65.2	50.4	90.4
272	12.4	0.0	31.8



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

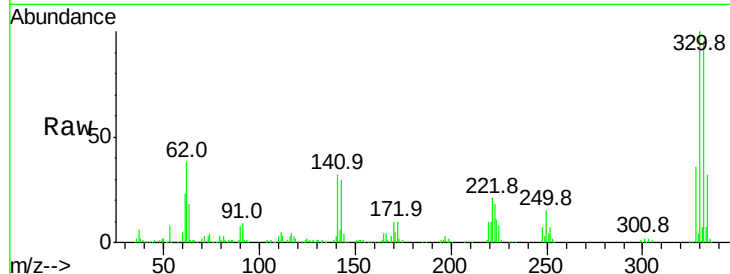




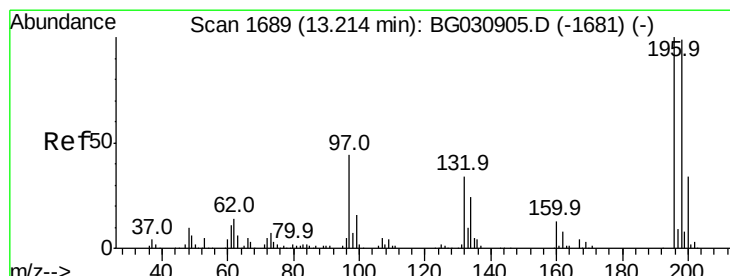
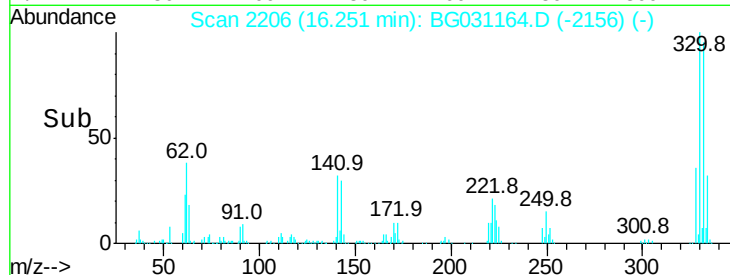
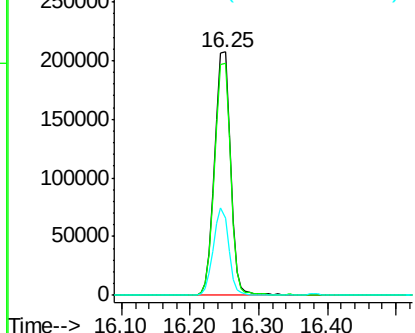
#41
 2,4,6-Tribromophenol
 Concen: 117.266 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 333609
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 34.7 25.2 37.8

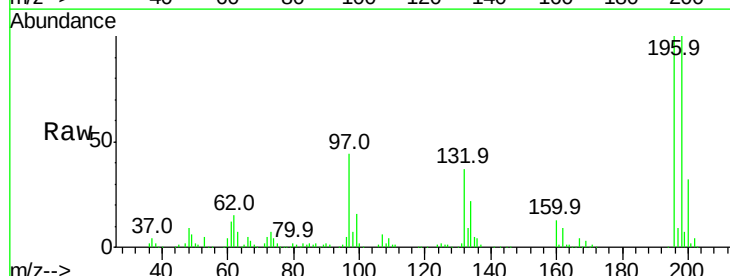


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

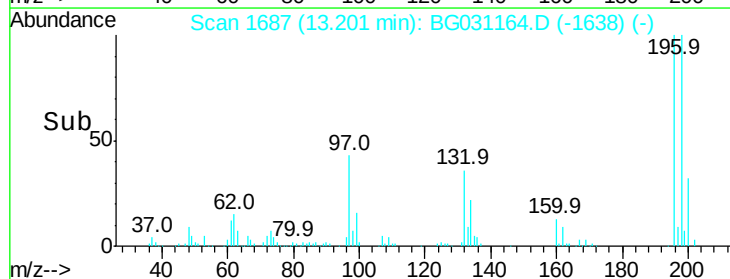
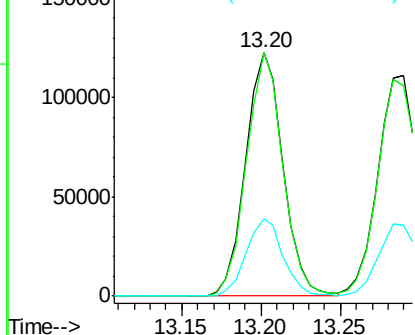


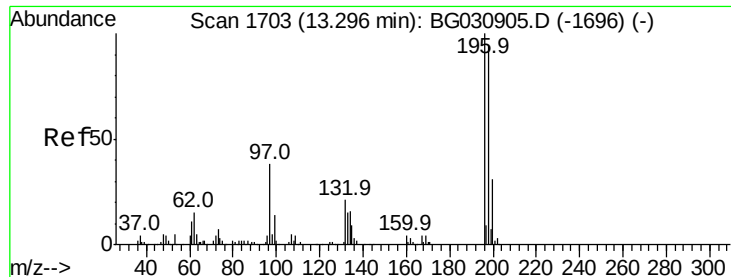
#42
 2,4,6-Trichlorophenol
 Concen: 50.214 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion:196 Resp: 200362
 Ion Ratio Lower Upper
 196 100
 198 99.9 78.2 117.2
 200 31.8 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

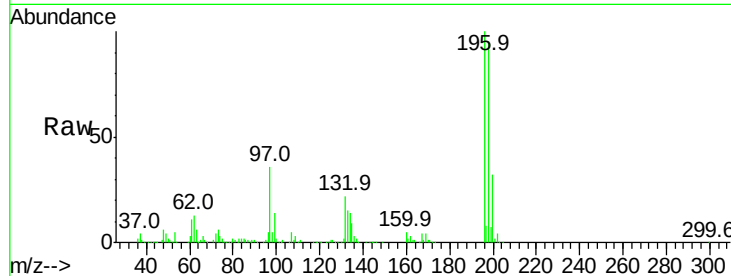




#43
2,4,5-Trichlorophenol
Concen: 47.759 ng
RT: 13.29 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.4
97	36.1	38.7	58.1#
132	22.2	20.2	30.2



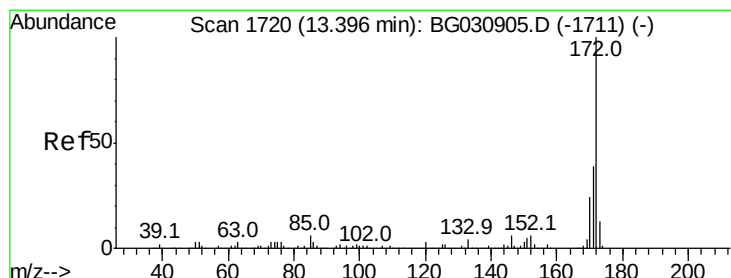
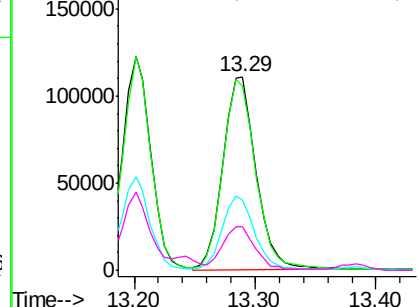
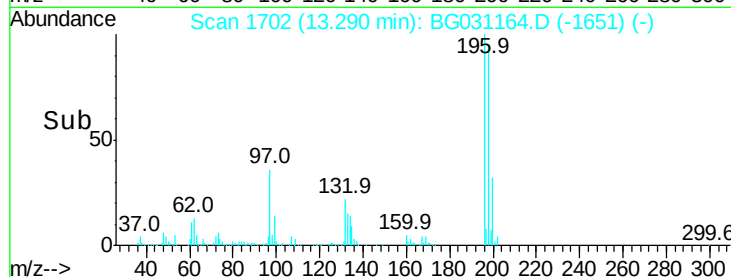
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

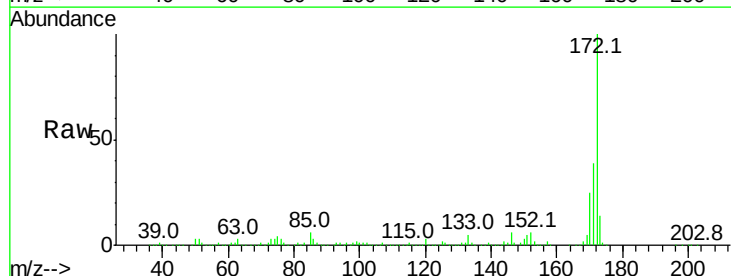
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 94.436 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.0	19.5	29.3

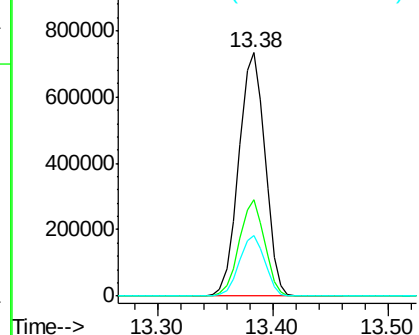
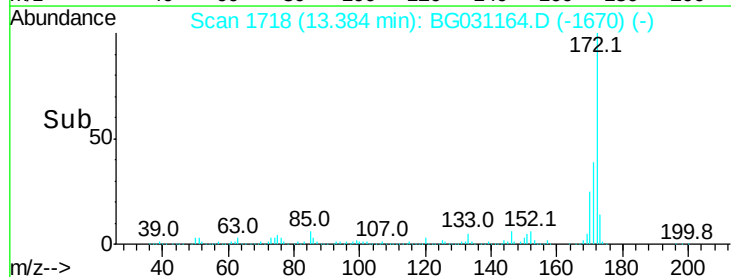


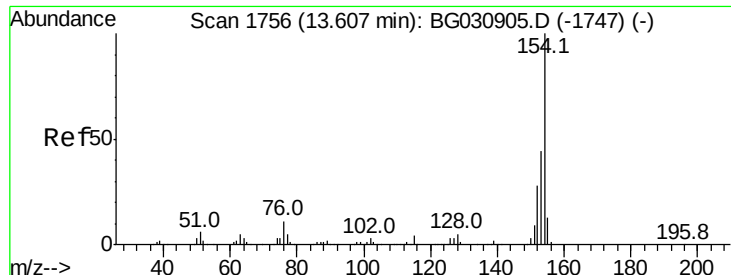
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

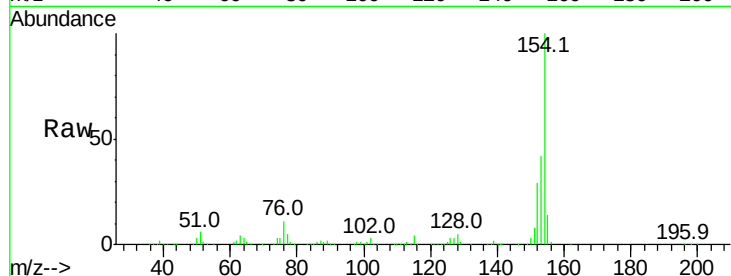




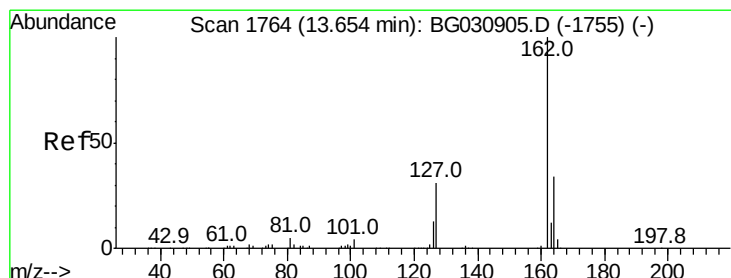
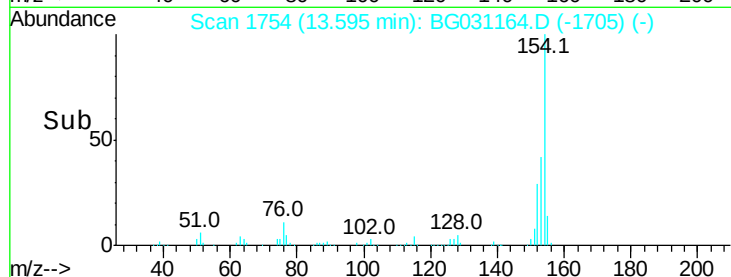
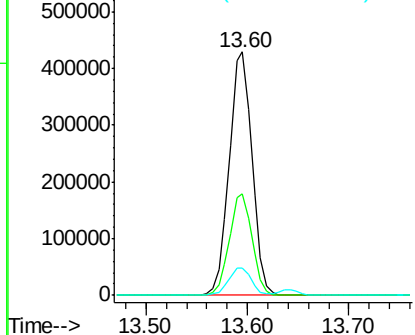
#45
 1,1'-Biphenyl
 Concen: 45.909 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	11.4	0.0	31.9

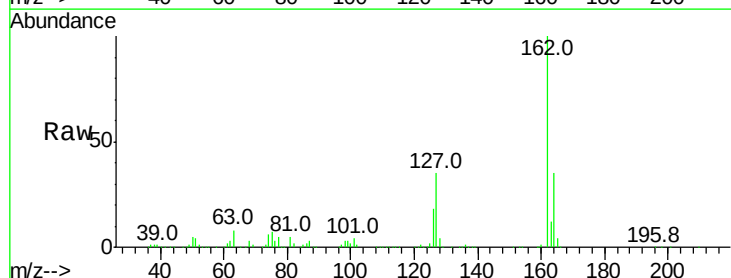


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

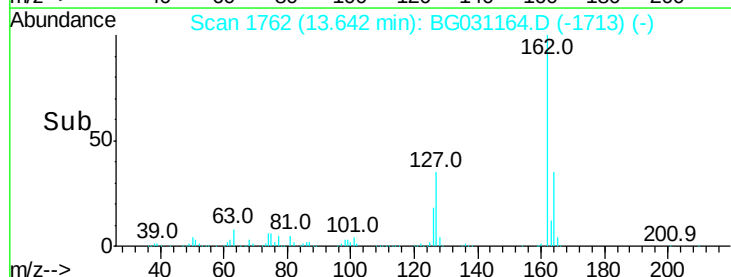
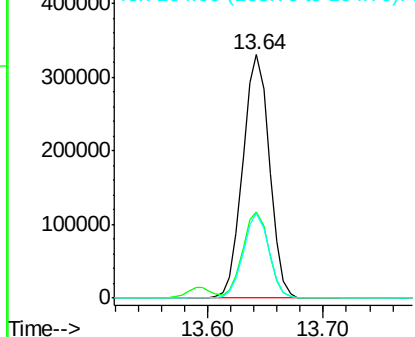


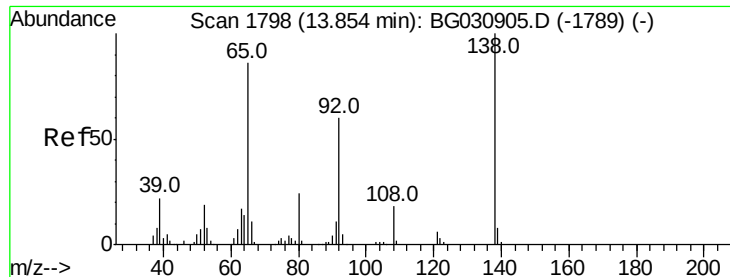
#46
 2-Chloronaphthalene
 Concen: 50.365 ng
 RT: 13.64 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	34.7	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: 47.558 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

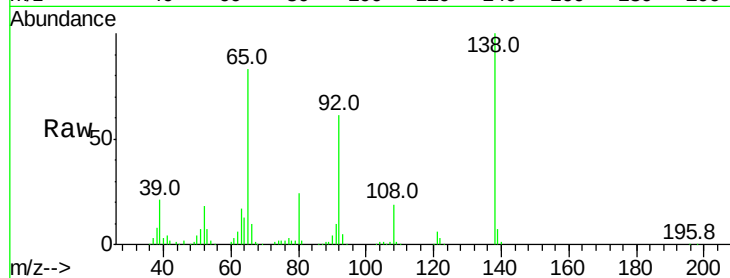
Tot Ion: 65 Resp: 148316

Ion Ratio Lower Upper

65 100

92 74.1 54.6 82.0

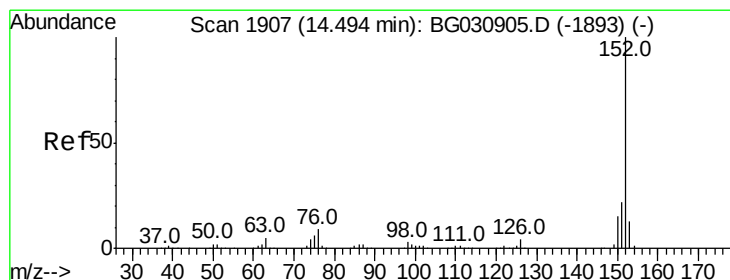
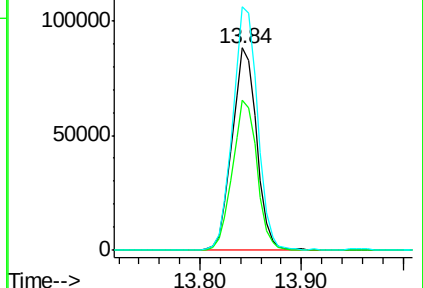
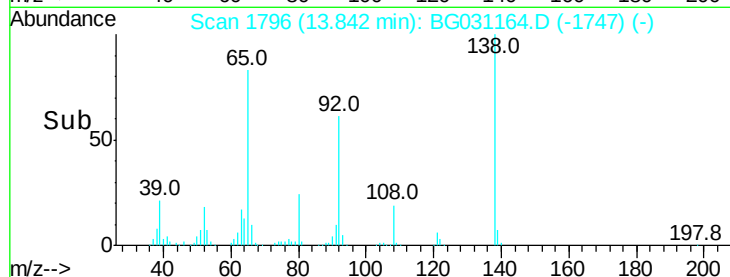
138 120.5 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BG031164.D (-1747) (-)

Ion 92.00 (91.70 to 92.70): BG031164.D (-1747) (-)

Ion 138.00 (137.70 to 138.70): BG031164.D (-1747) (-)



#48

Acenaphthylene

Concen: 47.016 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

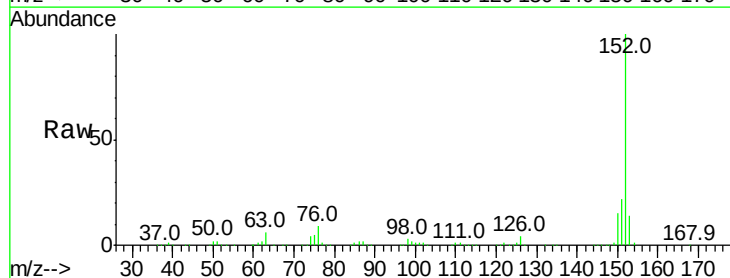
Tgt Ion: 152 Resp: 809670

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

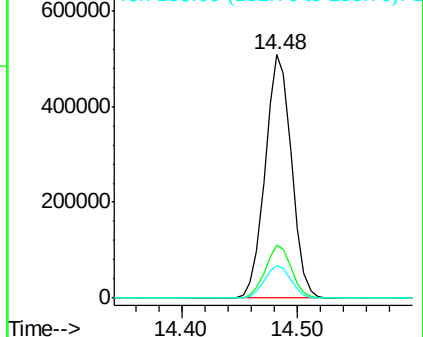
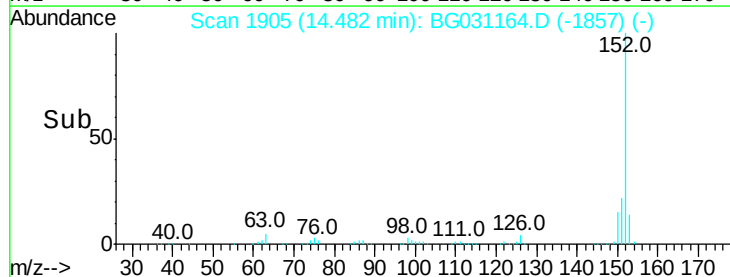
153 13.6 10.2 15.4

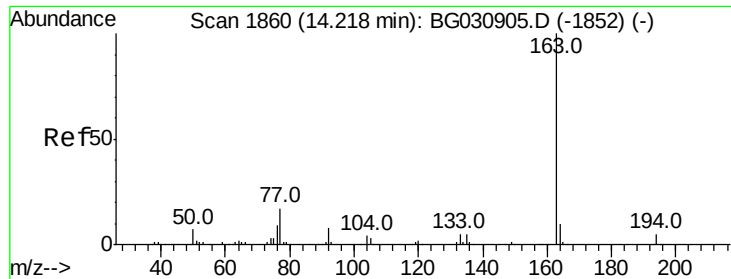


Abundance Ion 152.00 (151.70 to 152.70): BG031164.D (-1857) (-)

Ion 151.00 (150.70 to 151.70): BG031164.D (-1857) (-)

Ion 153.00 (152.70 to 153.70): BG031164.D (-1857) (-)





#49

Dimethylphthalate

Concen: 47.638 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

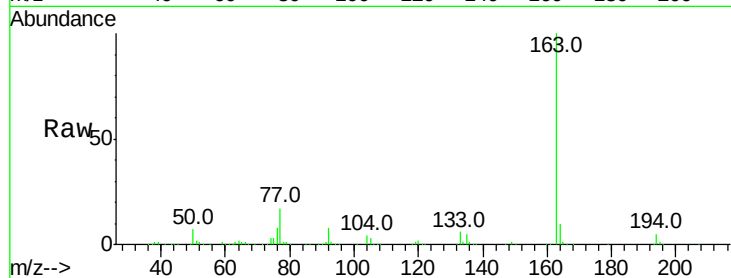
Tot Ion:163 Resp: 724371

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

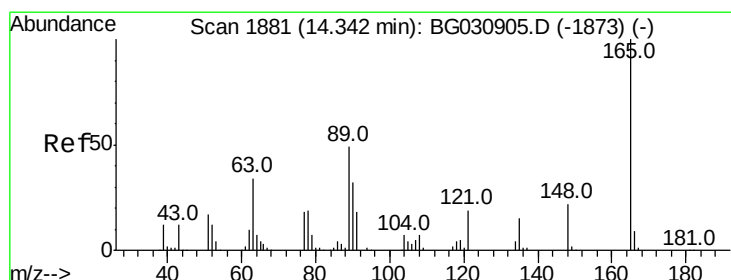
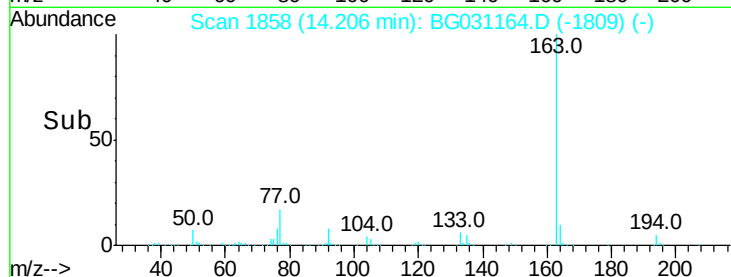
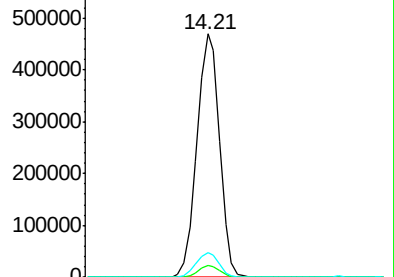
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.493 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

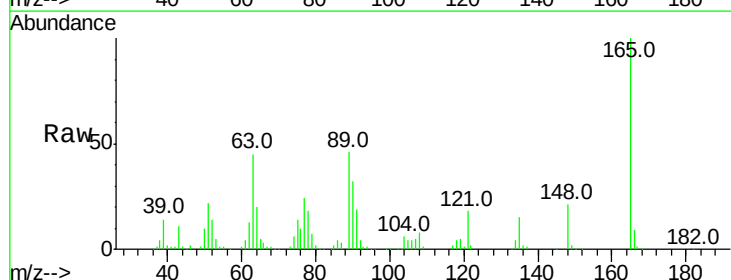
Tgt Ion:165 Resp: 164520

Ion Ratio Lower Upper

165 100

63 45.4 52.7 79.1#

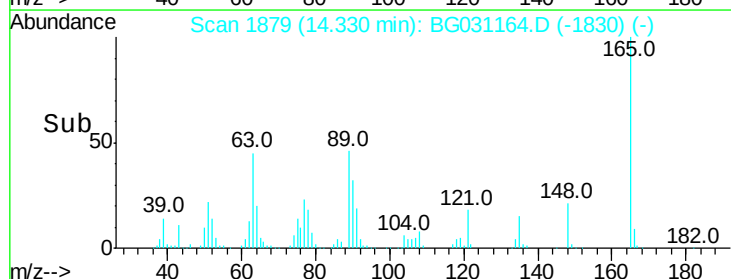
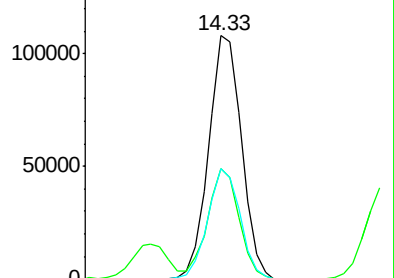
89 45.5 49.2 73.8#

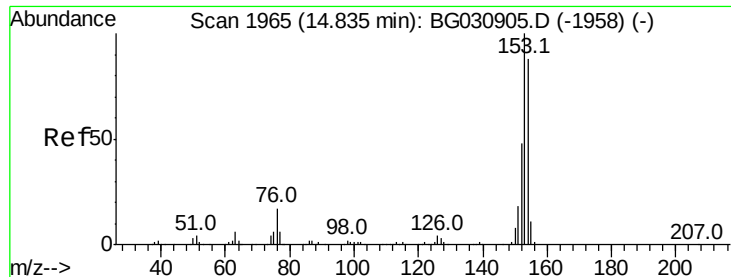


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 47.717 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampled :

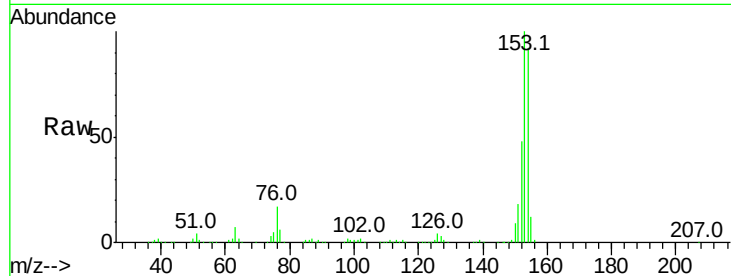
Tot Ion:154 Resp: 513213

Ion Ratio Lower Upper

154 100

153 109.3 90.4 135.6

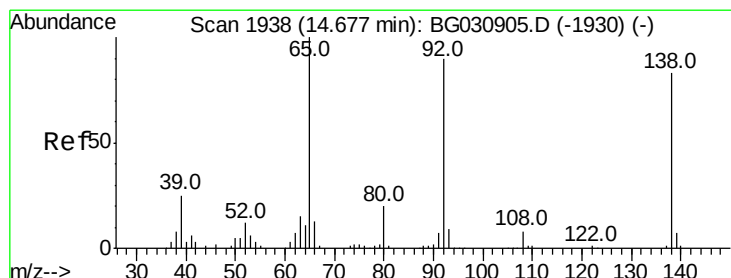
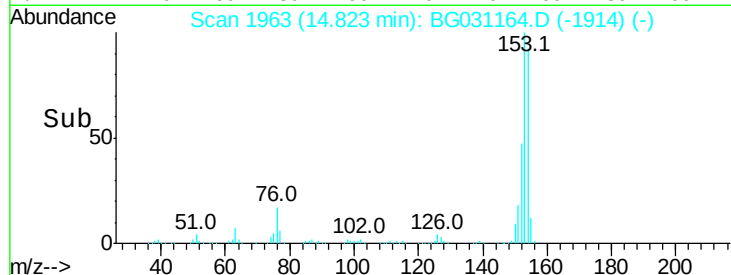
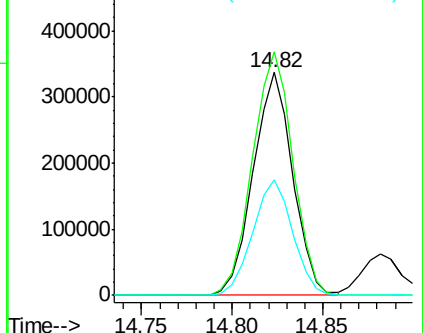
152 51.9 41.6 62.4



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: 10.751 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

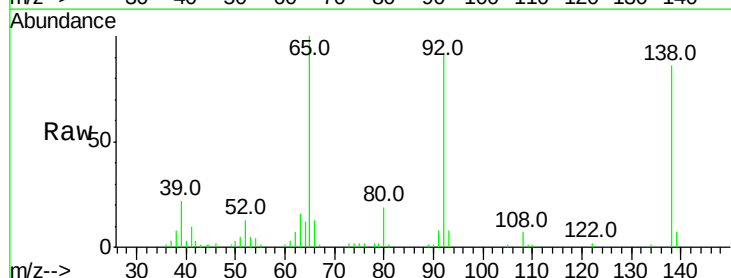
Tgt Ion:138 Resp: 35778

Ion Ratio Lower Upper

138 100

108 8.4 17.5 26.3#

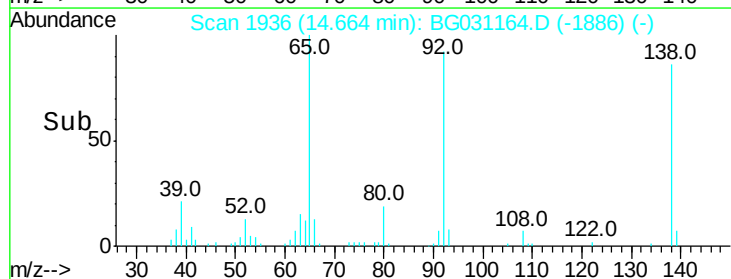
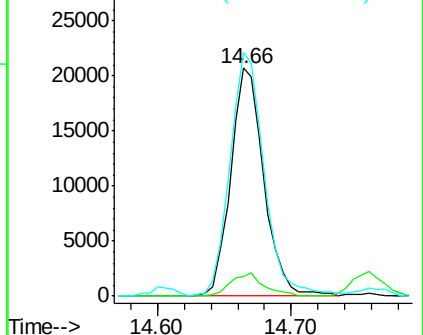
92 106.9 105.8 158.8

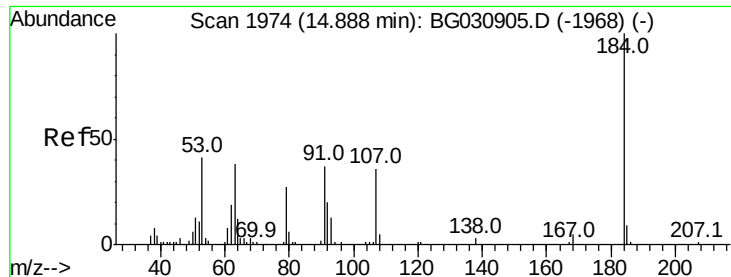


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

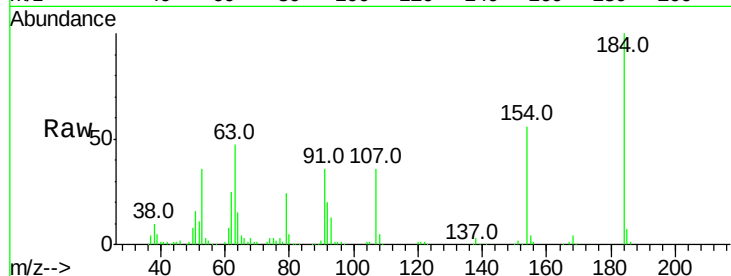




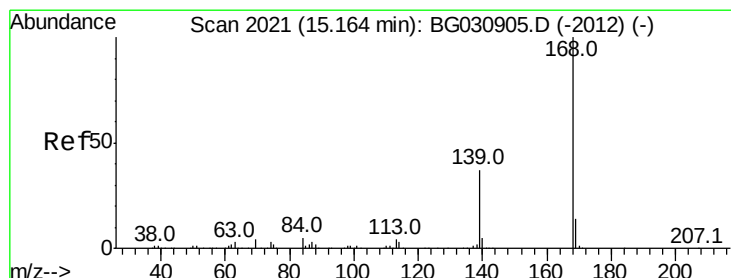
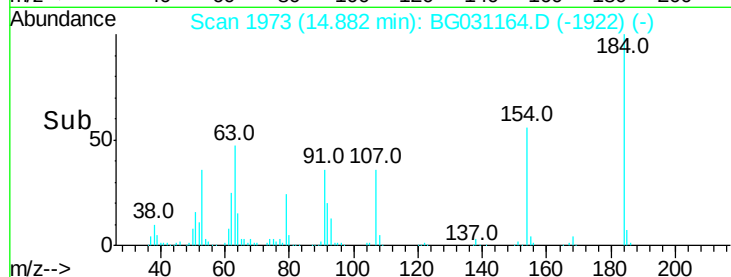
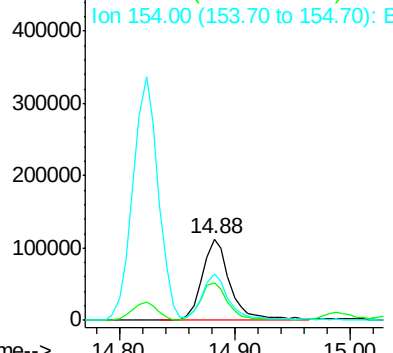
#53
2,4-Dinitrophenol
Concen: 107.372 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 188870
Ion Ratio Lower Upper
184 100
63 46.8 59.8 89.8#
154 56.4 101.8 152.8#

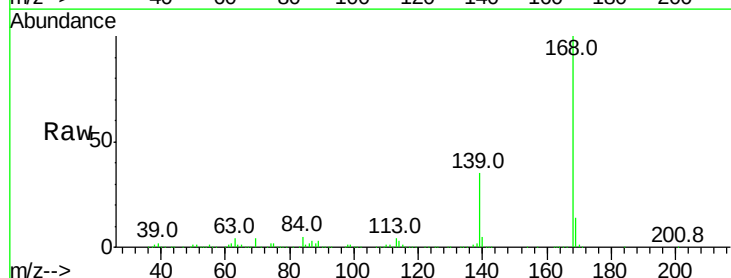


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

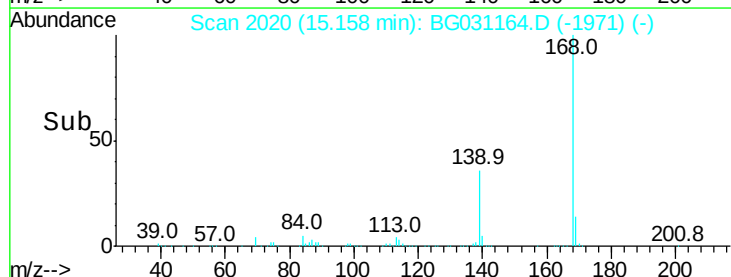
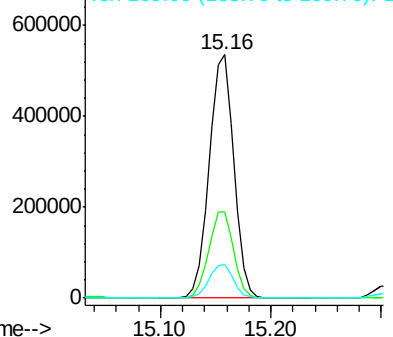


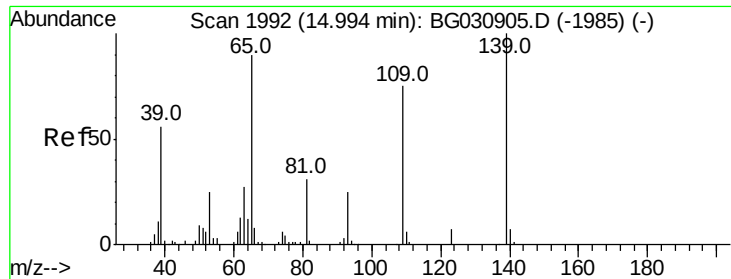
#54
Dibenzofuran
Concen: 49.014 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:168 Resp: 839675
Ion Ratio Lower Upper
168 100
139 35.5 28.6 43.0
169 14.0 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

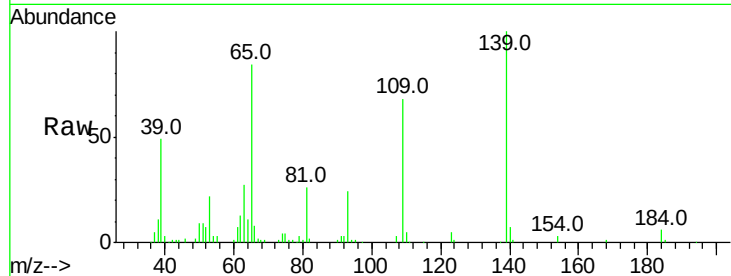




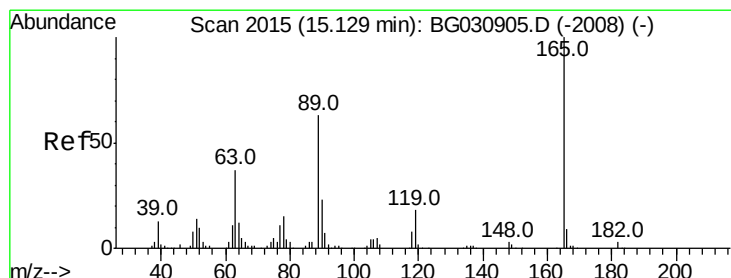
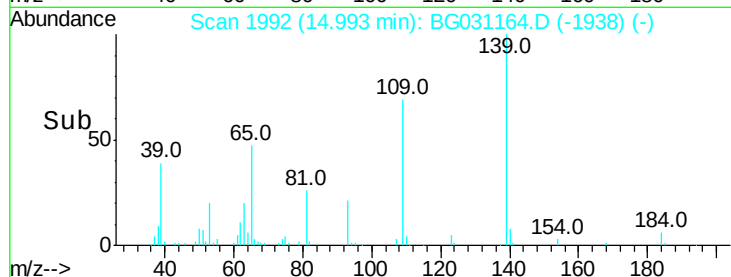
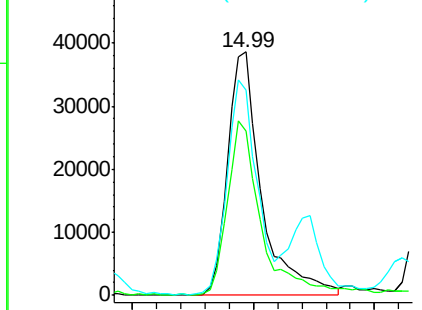
#55
4-Nitrophenol
Concen: 31.830 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:139 Resp: 75456
Ion Ratio Lower Upper
139 100
109 67.7 62.2 102.2
65 84.2 97.2 137.2#

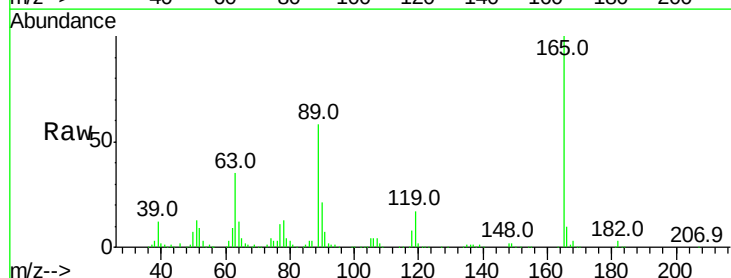


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

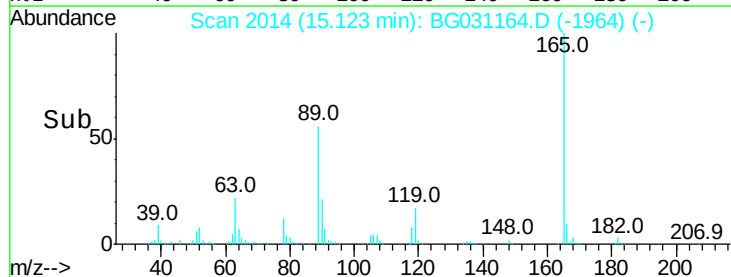
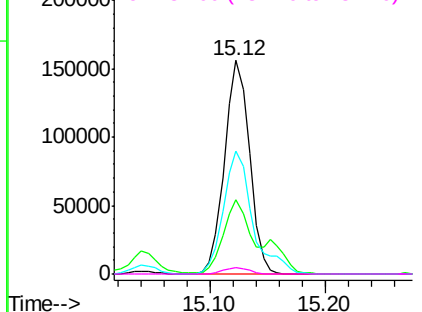


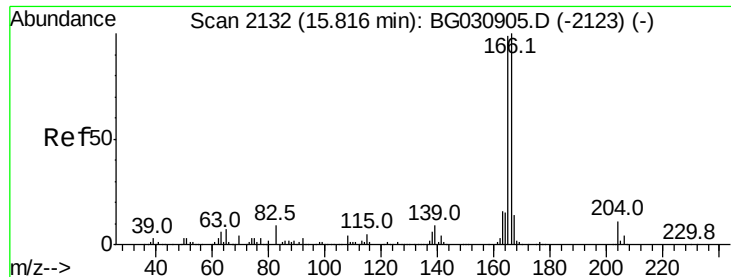
#56
2,4-Dinitrotoluene
Concen: 51.864 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:165 Resp: 234994
Ion Ratio Lower Upper
165 100
63 34.6 42.0 63.0#
89 57.8 66.9 100.3#
182 3.0 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: 48.429 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

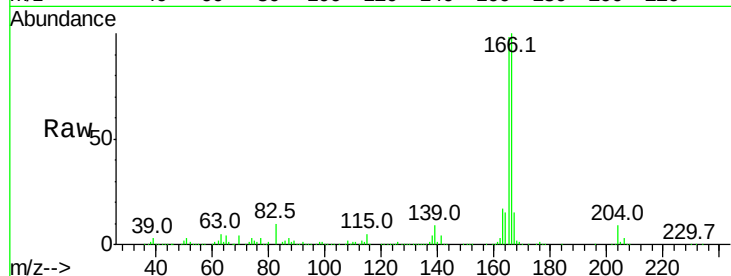
Instrument :

BNA_G

ClientSampleId :

Tot Ion:166 Resp: 673560

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.6	121.0
167	14.8	10.4	15.6



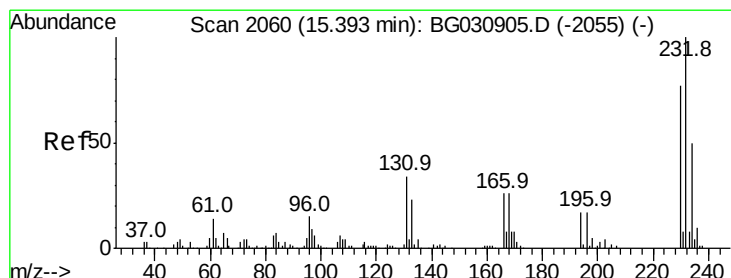
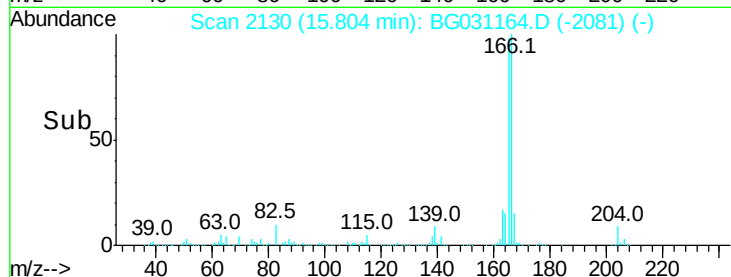
Abundance

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

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.577 ng

RT: 15.39 min Scan# 2059

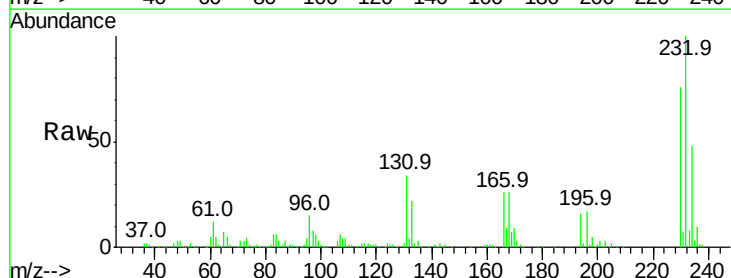
Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Tgt Ion:232 Resp: 206286

Ion	Ratio	Lower	Upper
232	100		
131	34.6	33.5	50.3
130	2.2	2.2	3.2
166	28.0	24.8	37.2



Abundance

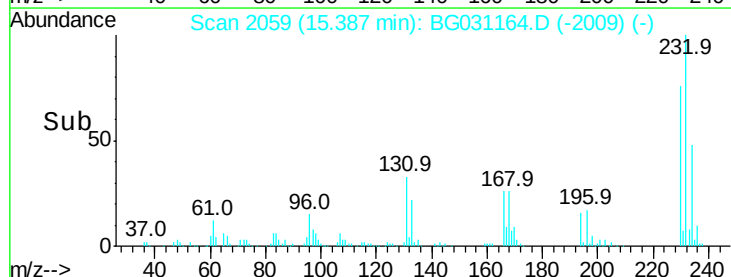
Ion 232.00 (231.70 to 232.70): E

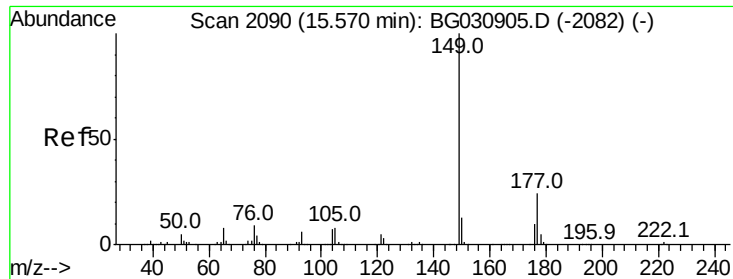
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->





#59

Diethylphthalate

Concen: 46.511 ng

RT: 15.56 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG031164.D

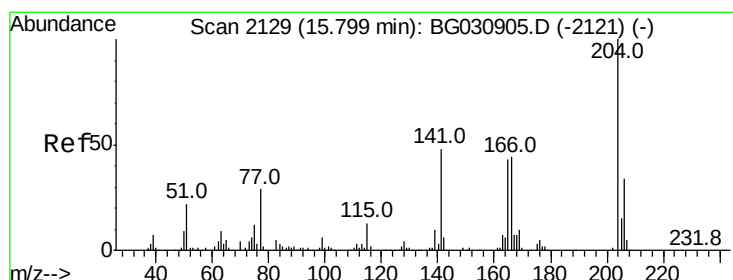
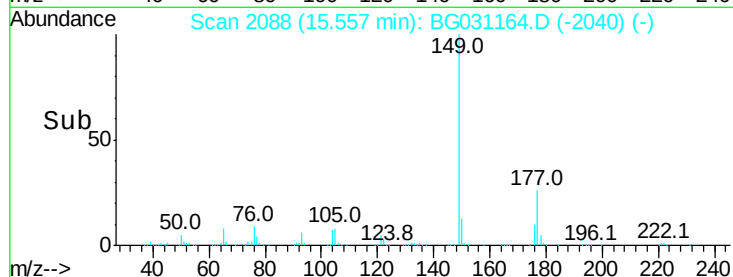
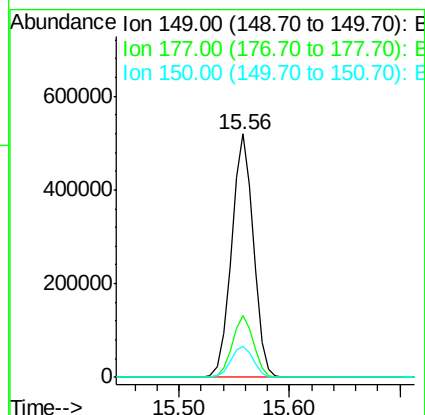
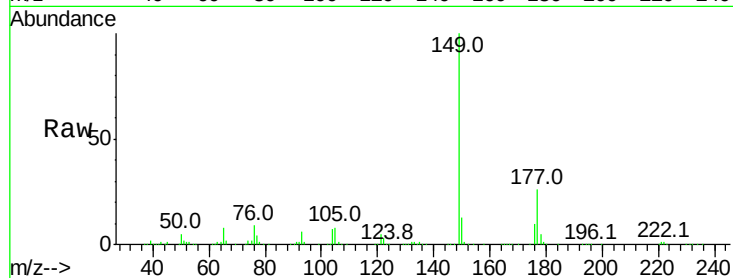
Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	718391
Ion	Ratio	Lower	Upper
149	100		
177	25.6	18.5	27.7
150	12.9	10.2	15.2



#60

4-Chlorophenyl-phenylether

Concen: 47.087 ng

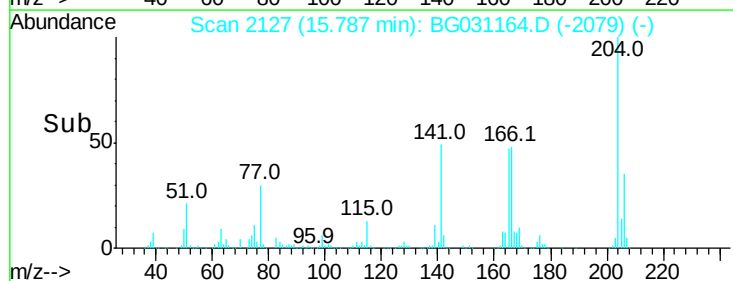
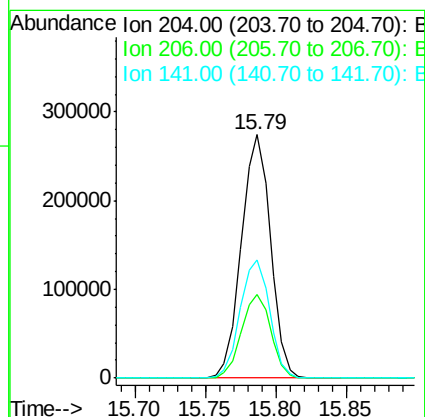
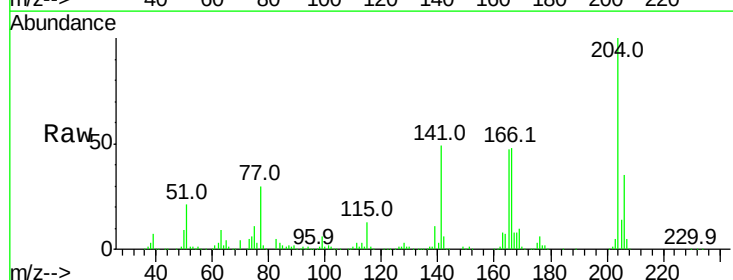
RT: 15.79 min Scan# 2127

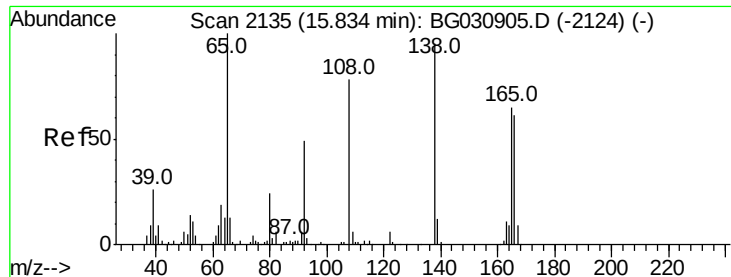
Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Tgt Ion:	204	Resp:	395518
Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.2	39.2
141	48.6	45.8	68.6

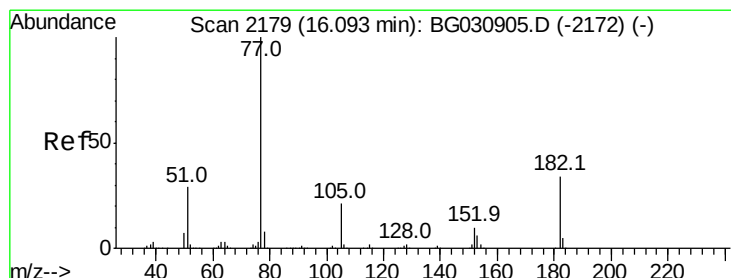
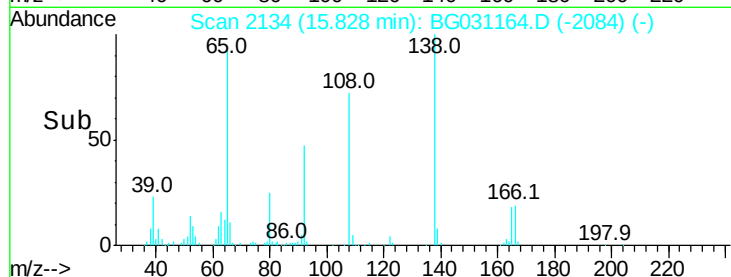
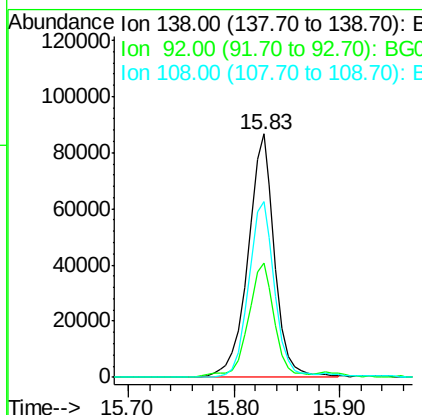
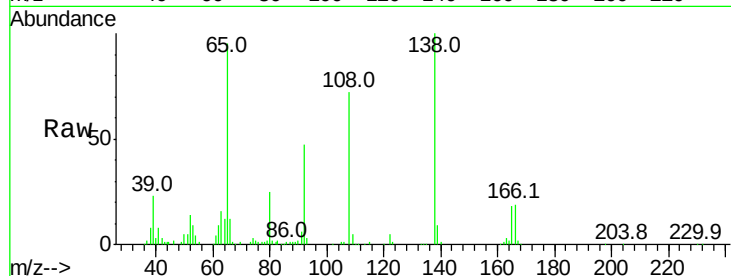




#61
4-Nitroaniline
Concen: 43.002 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

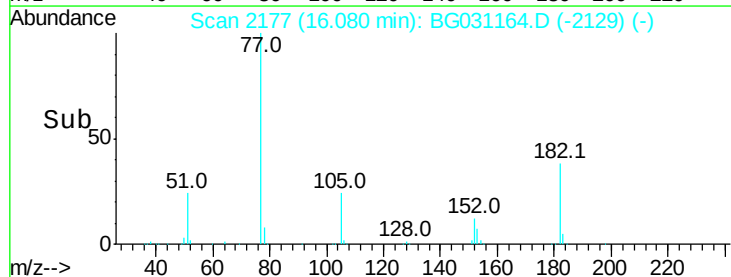
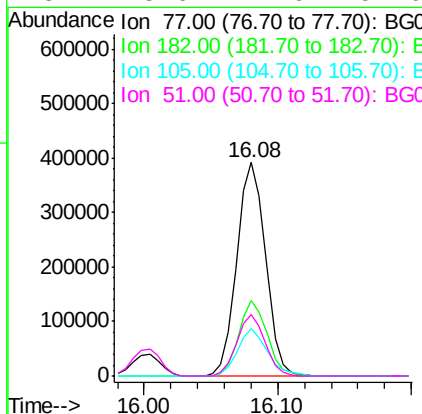
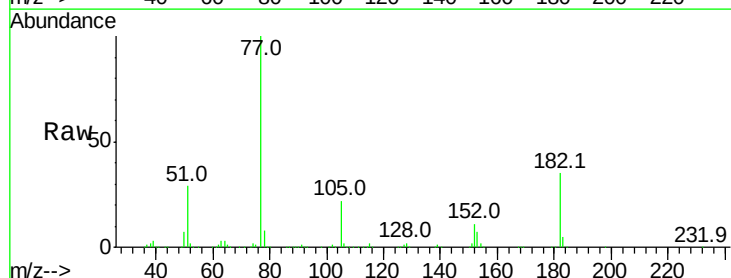
Instrument :
BNA_G
ClientSampleId :

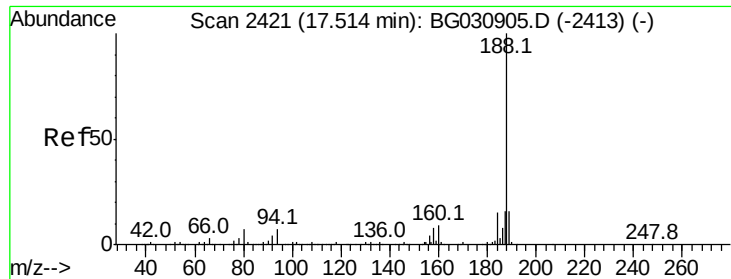
Tot Ion:138 Resp: 151534
Ion Ratio Lower Upper
138 100
92 47.2 40.1 80.1
108 72.4 65.4 105.4



#62
Azobenzene
Concen: 49.402 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion: 77 Resp: 581938
Ion Ratio Lower Upper
77 100
182 35.3 7.4 47.4
105 22.4 0.3 40.3
51 28.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

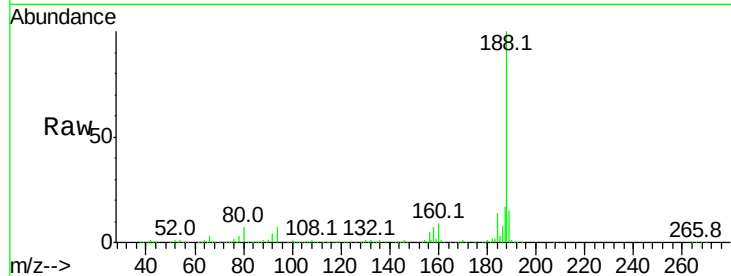
Tot Ion:188 Resp: 447798

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

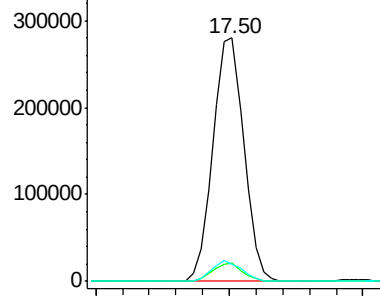
80 7.1 7.7 11.5#



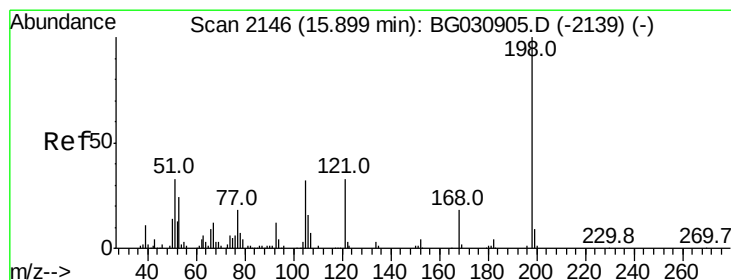
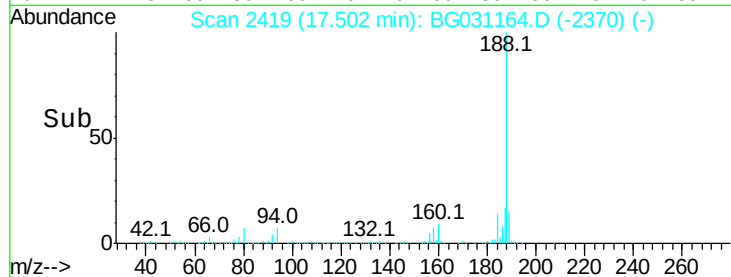
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 45.806 ng

RT: 15.89 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

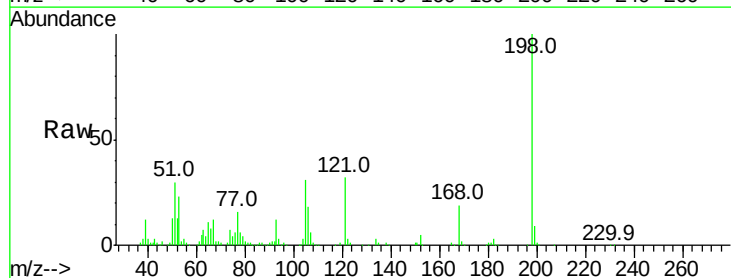
Tgt Ion:198 Resp: 136340

Ion Ratio Lower Upper

198 100

51 29.8 30.6 70.6#

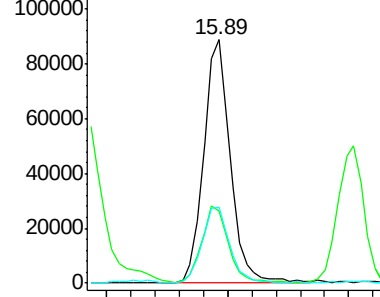
105 31.0 23.8 63.8



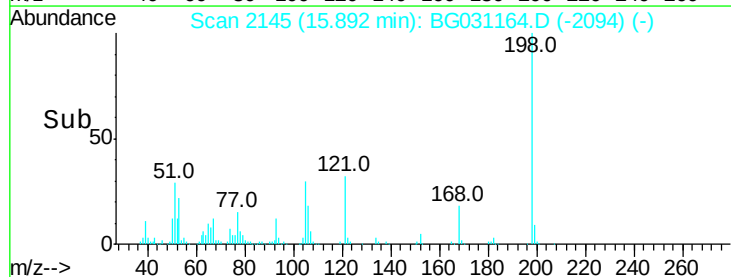
Abundance Ion 198.00 (197.70 to 198.70): E

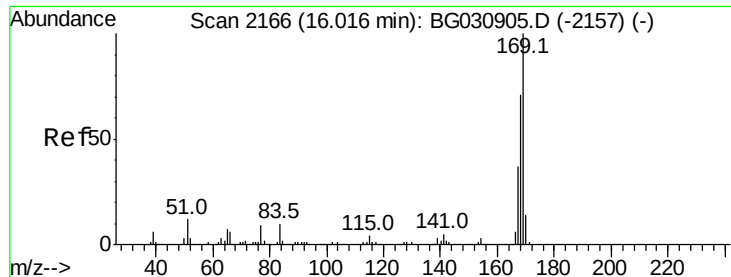
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 15.80 15.90 16.00

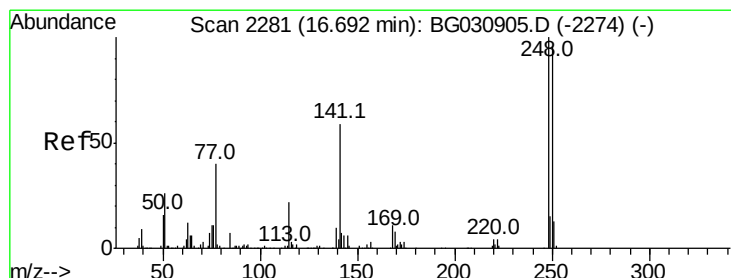
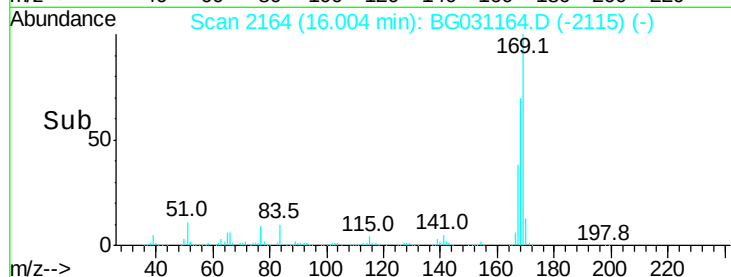
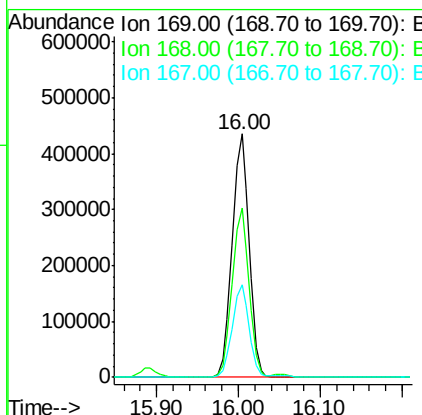
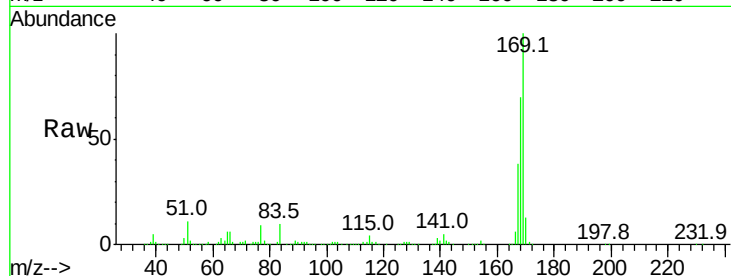




#65
 n-Nitrosodiphenylamine
 Concen: 46.446 ng
 RT: 16.00 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

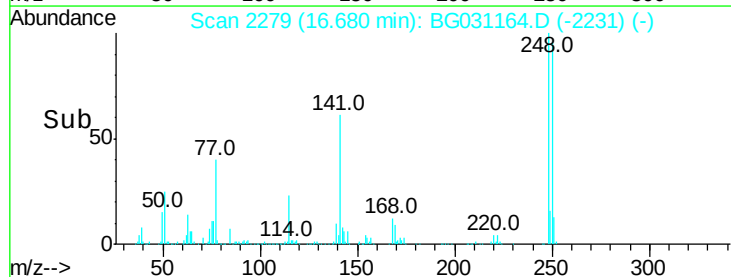
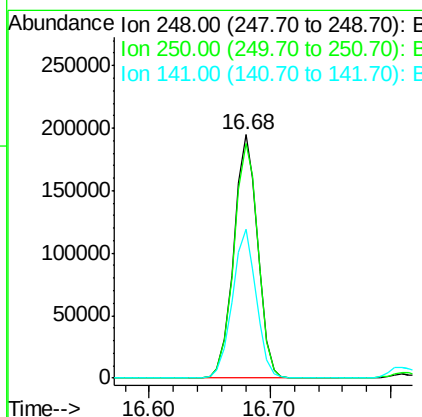
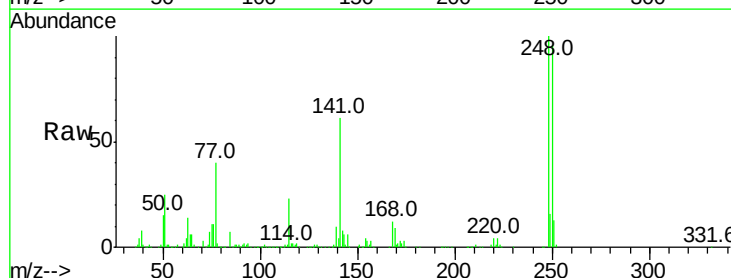
Instrument :
 BNA_G
 ClientSampleId :

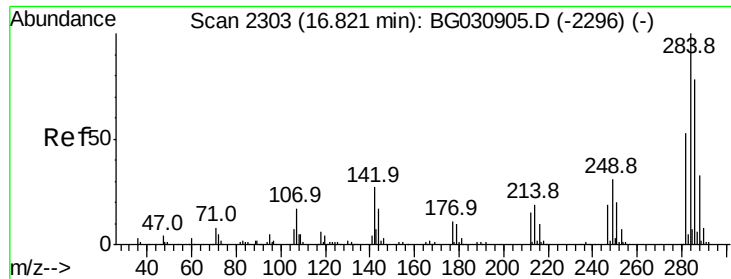
Tot Ion:169 Resp: 630242
 Ion Ratio Lower Upper
 169 100
 168 69.8 55.7 83.5
 167 37.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 47.226 ng
 RT: 16.68 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion:248 Resp: 267845
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.1 115.7
 141 61.0 50.8 76.2

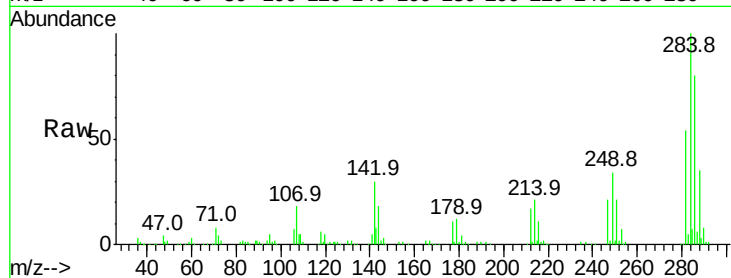




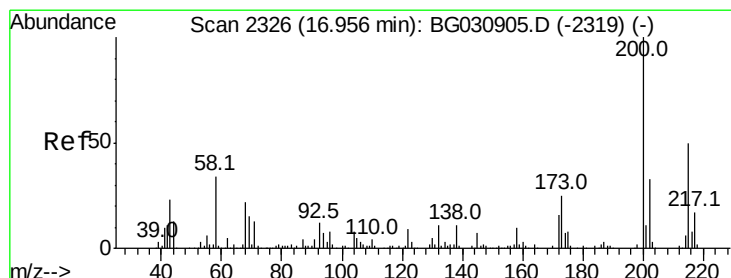
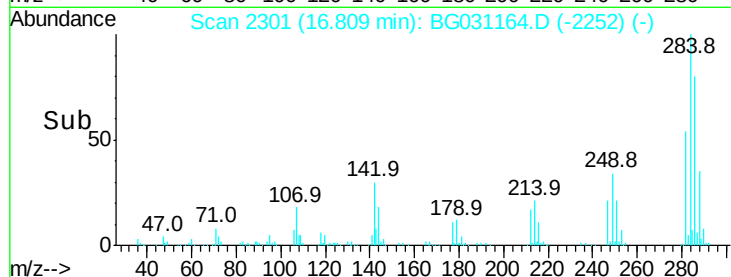
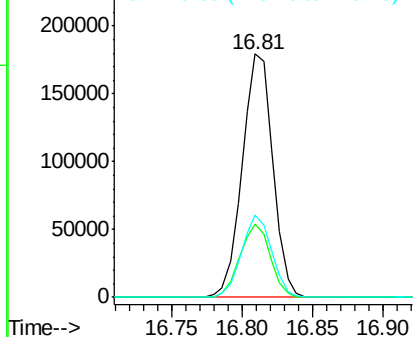
#67
Hexachlorobenzene
Concen: 45.056 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.8	40.2
249	33.9	26.3	39.5

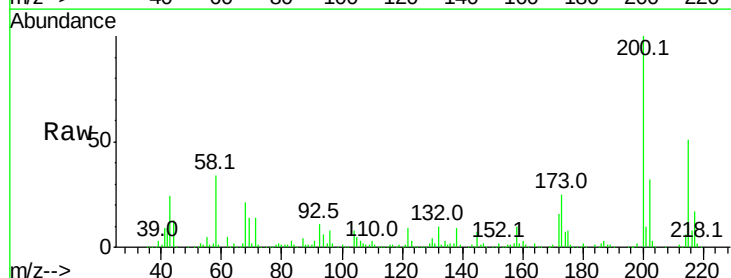


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

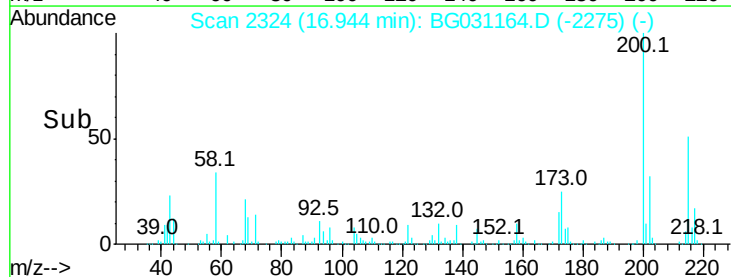
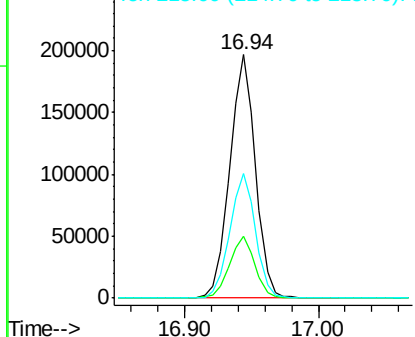


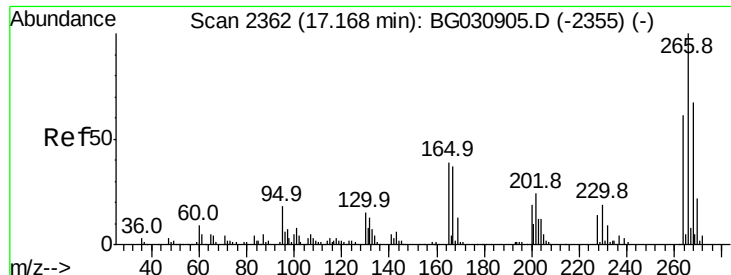
#68
Atrazine
Concen: 47.069 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.2	45.2
215	51.1	30.4	70.4



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

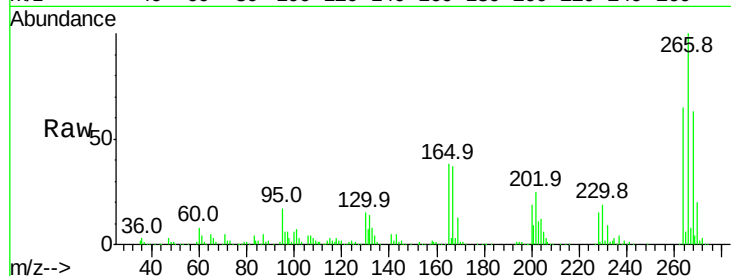




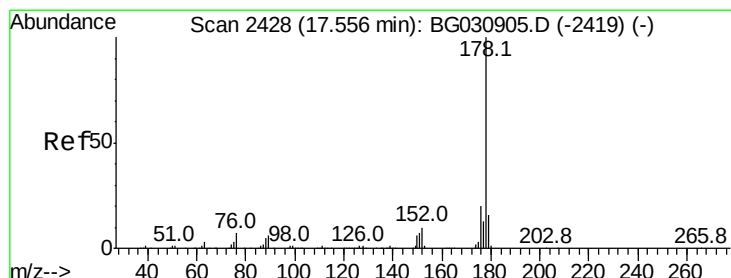
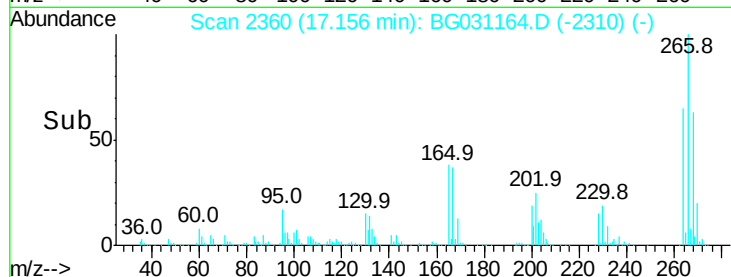
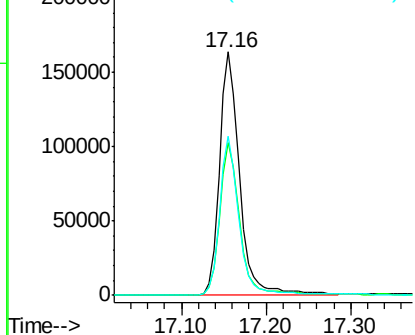
#69
 Pentachlorophenol
 Concen: 82.177 ng
 RT: 17.16 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	65.1	49.6	74.4

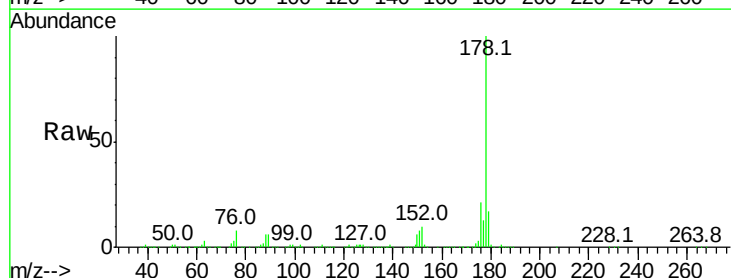


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

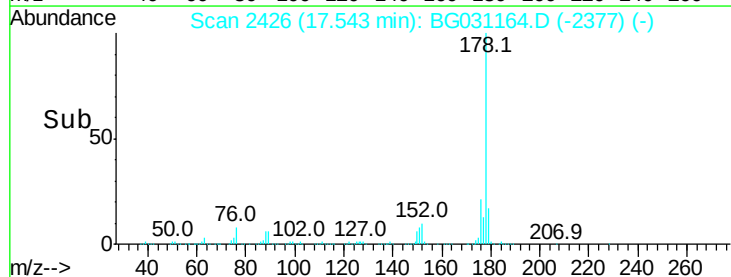
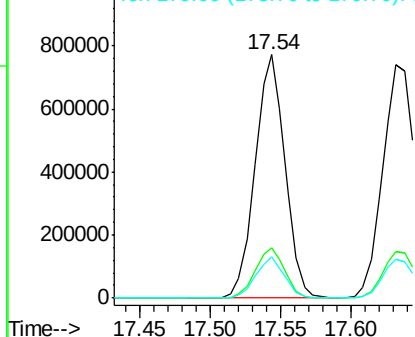


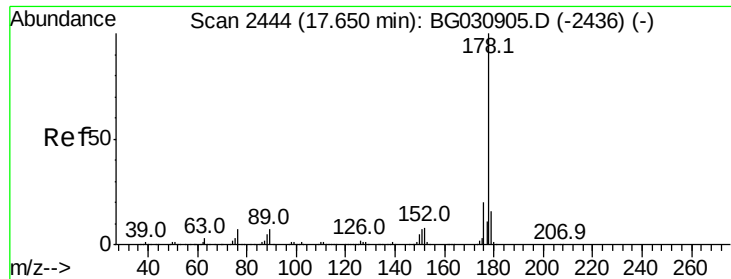
#70
 Phenanthrene
 Concen: 49.093 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.7	23.5
179	17.1	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

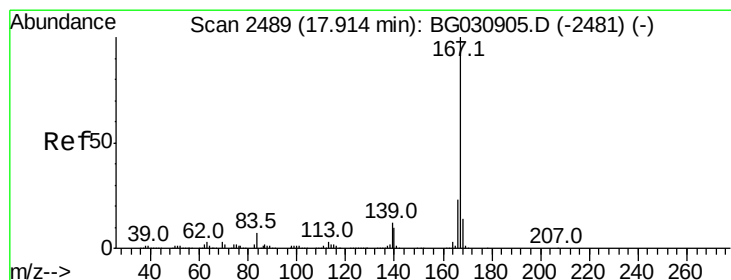
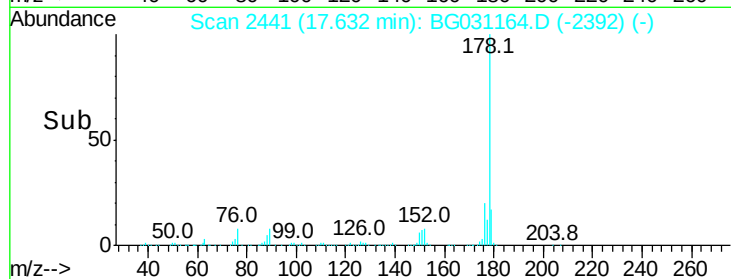
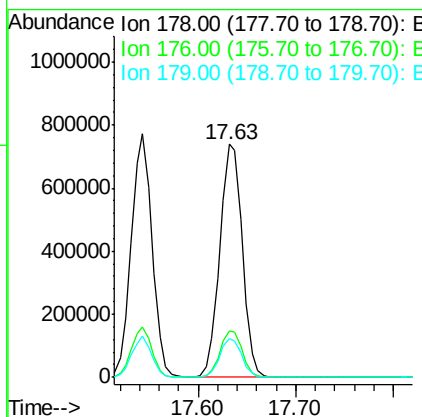
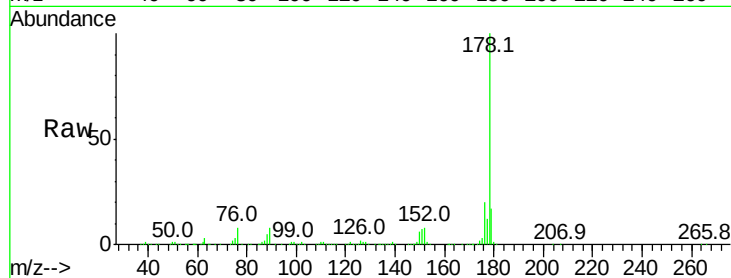




#71
 Anthracene
 Concen: 50.440 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

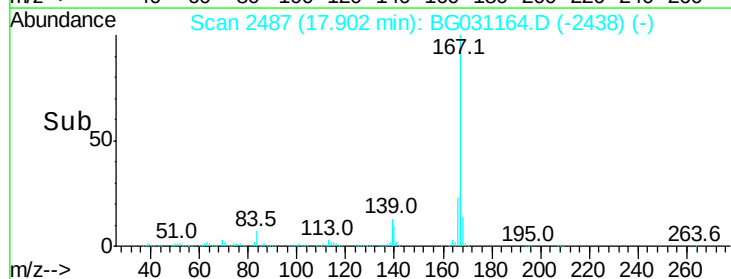
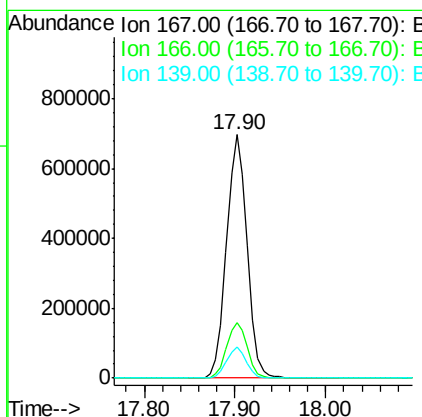
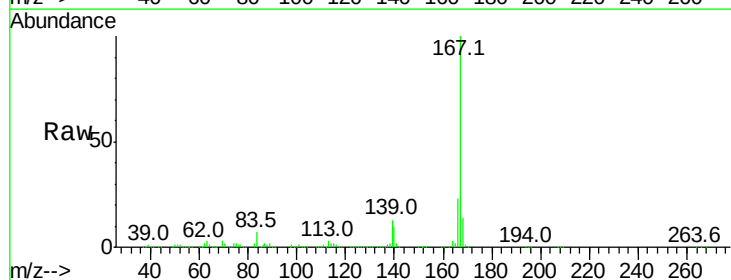
Instrument :
 BNA_G
 ClientSampled :

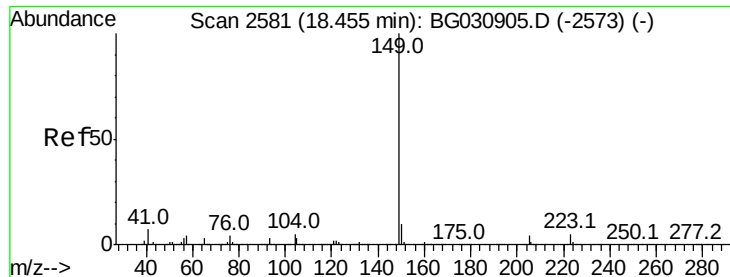
Tot Ion:178 Resp: 1178399
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 49.936 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion:167 Resp: 1093101
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 12.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 47.075 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

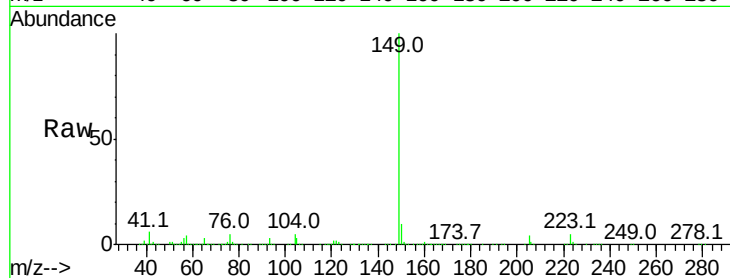
Tot Ion:149 Resp: 1265260

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.6

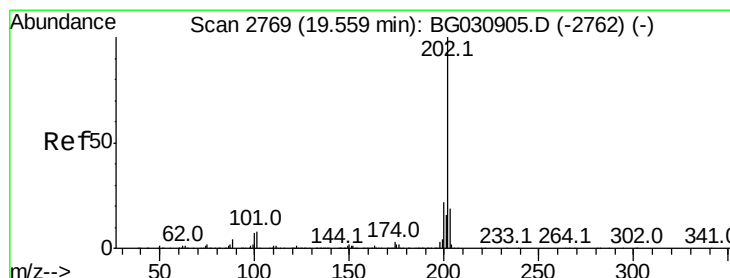
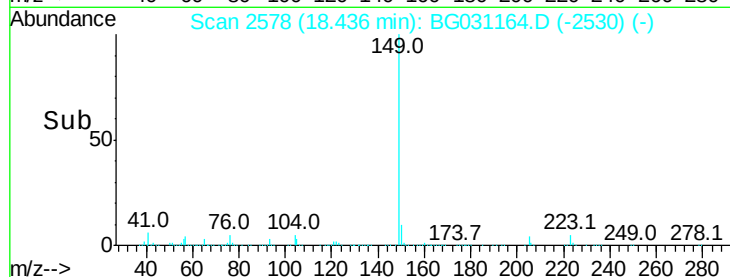
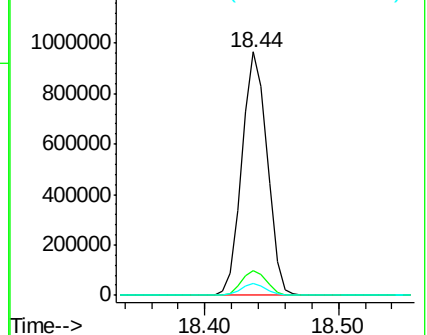
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.786 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

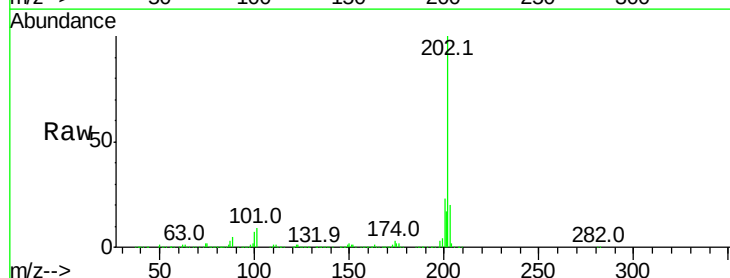
Tgt Ion:202 Resp: 1499244

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.9

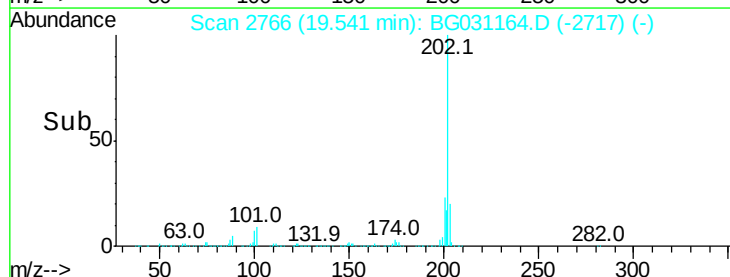
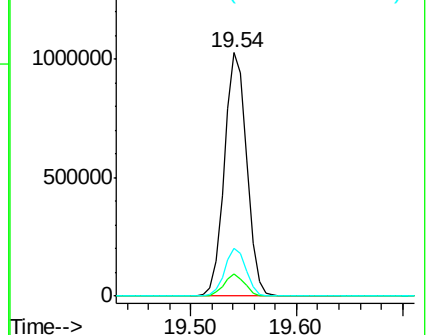
203 19.7 0.0 37.5

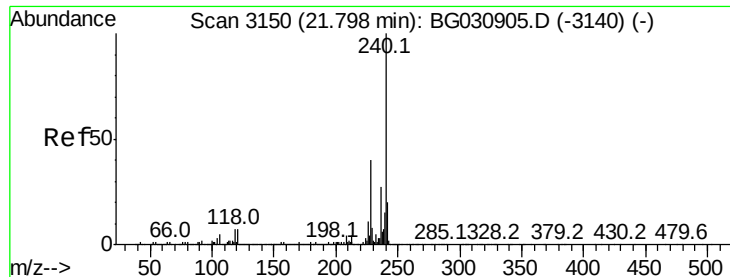


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

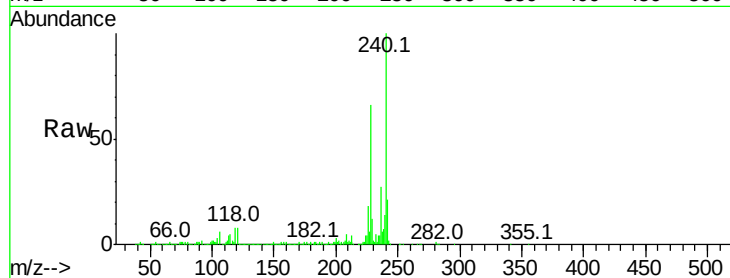
Tot Ion:240 Resp: 511540

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

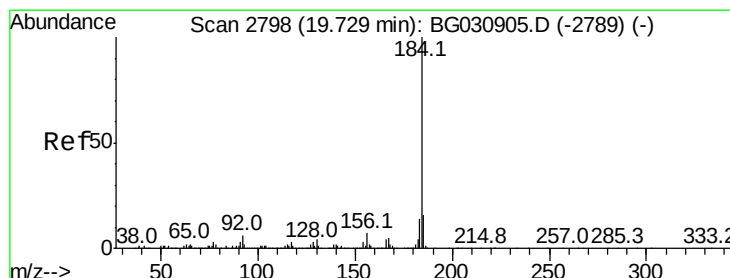
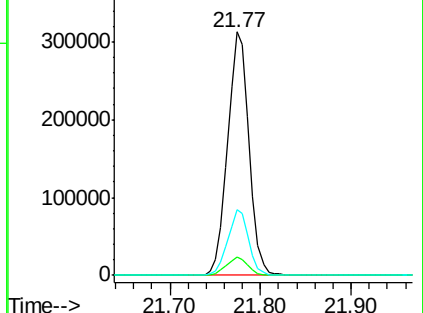
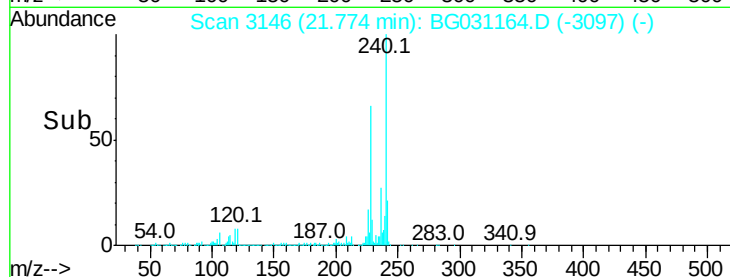
236 27.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.369 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

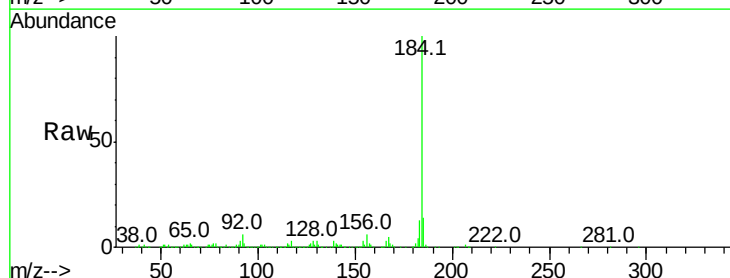
Tgt Ion:184 Resp: 400417

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

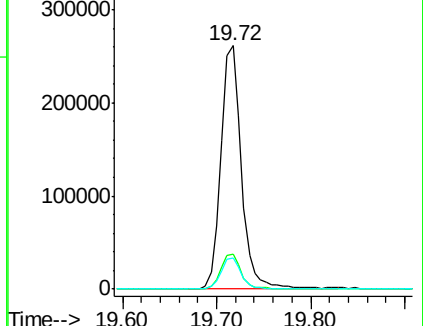
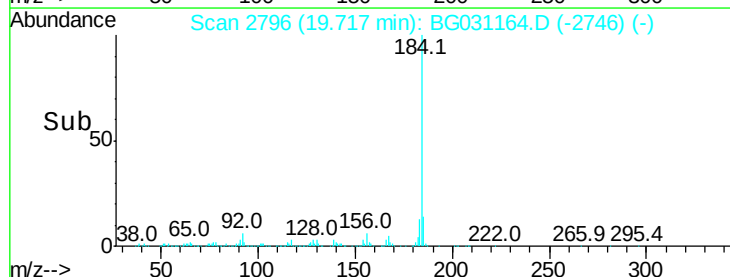
183 12.8 10.6 16.0

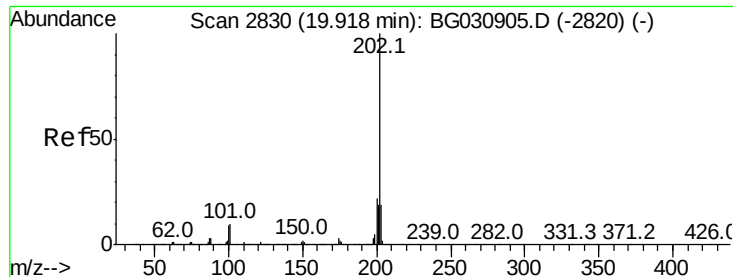


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



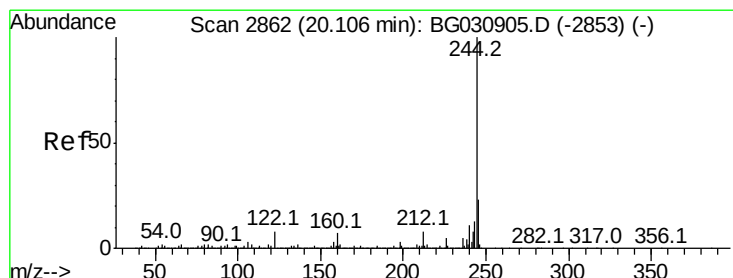
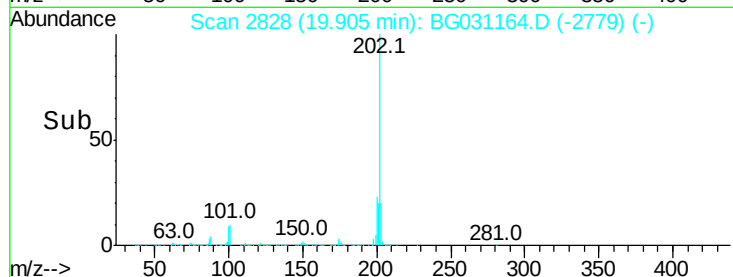
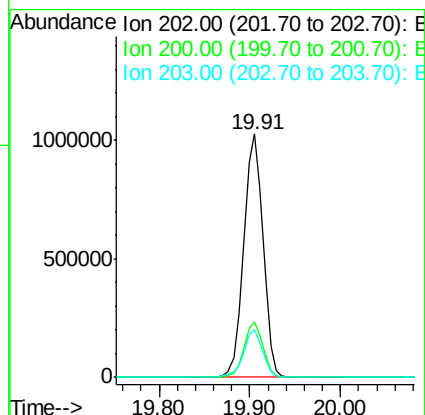
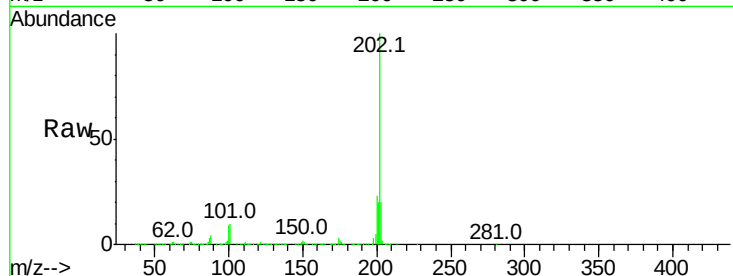


#77
Pvrene
Concen: 50.202 ng
RT: 19.91 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 1523854

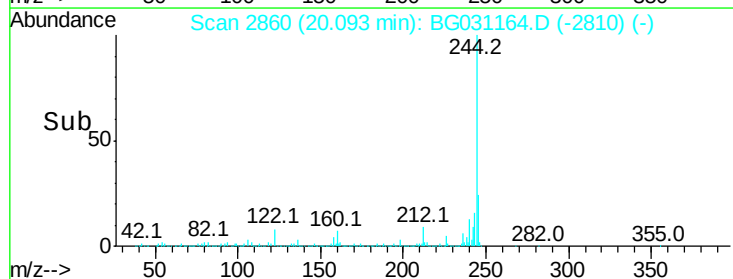
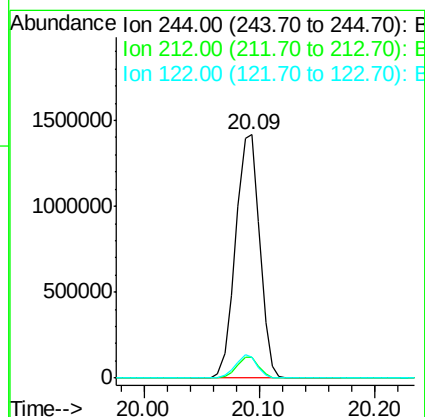
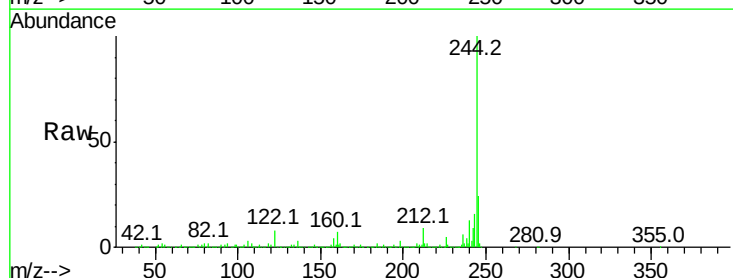
Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	19.7	13.9	20.9

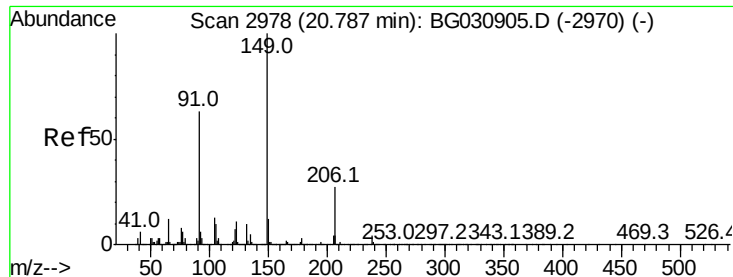


#78
Terphenyl-d14
Concen: 88.289 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG031164.D
Acq: 21 Nov 2017 22:20

Tgt Ion:244 Resp: 2045351

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.4	7.0	10.4





#79

Butylbenzylphthalate

Concen: 50.828 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

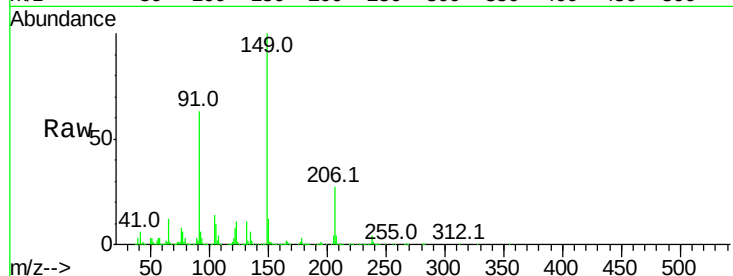
Tot Ion:149 Resp: 615170

Ion Ratio Lower Upper

149 100

91 62.9 62.2 93.2

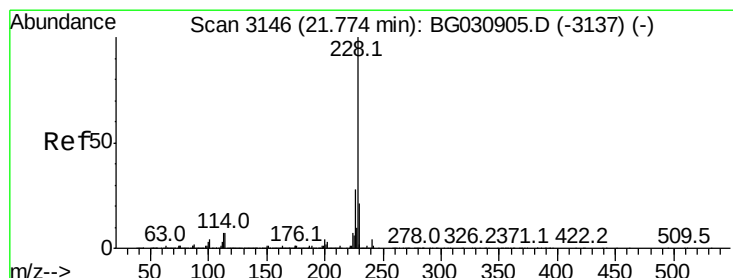
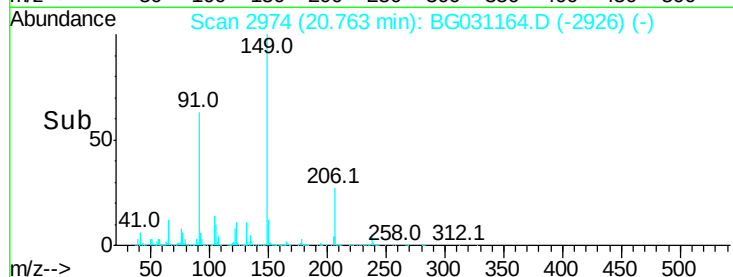
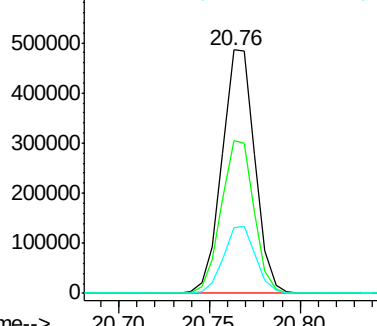
206 26.9 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.438 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

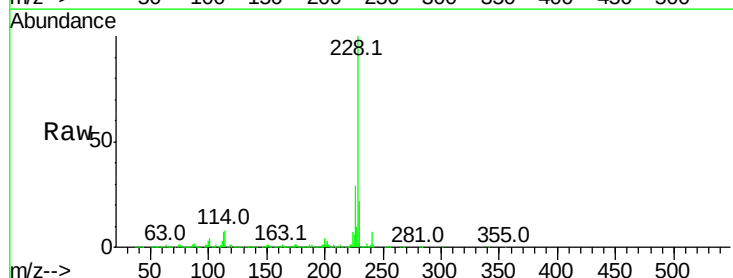
Tgt Ion:228 Resp: 1570865

Ion Ratio Lower Upper

228 100

226 29.4 22.7 34.1

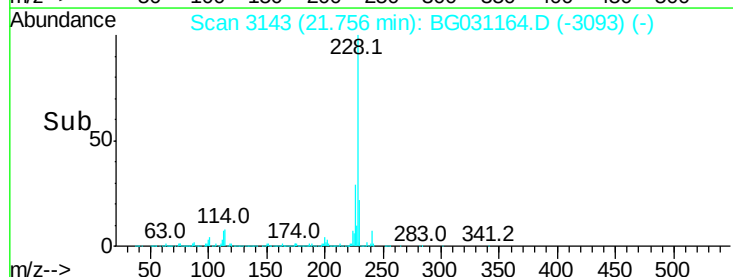
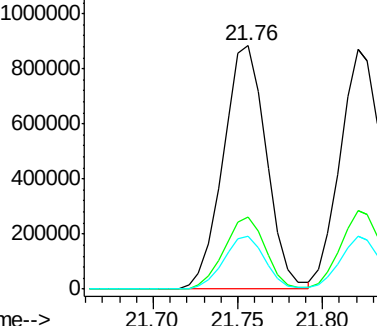
229 21.9 16.2 24.2

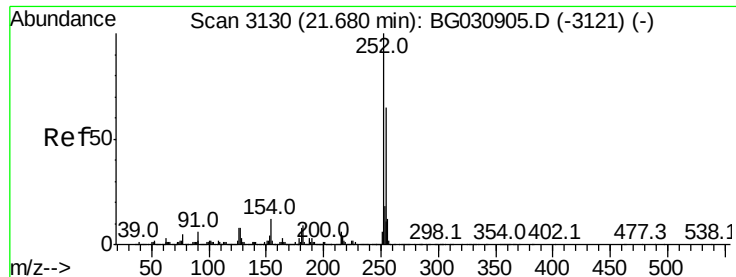


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

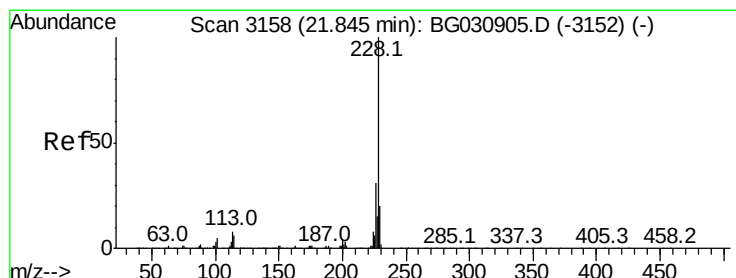
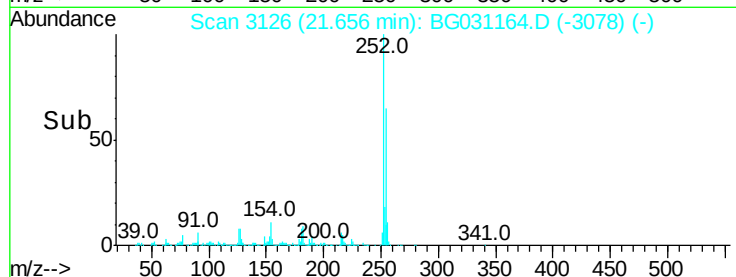
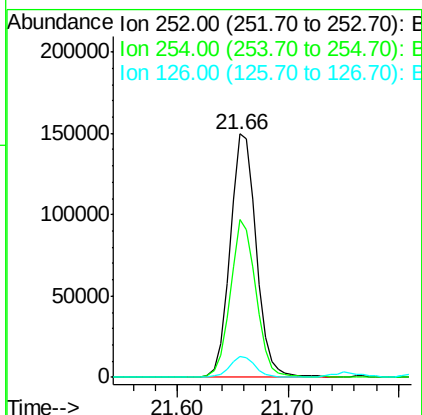
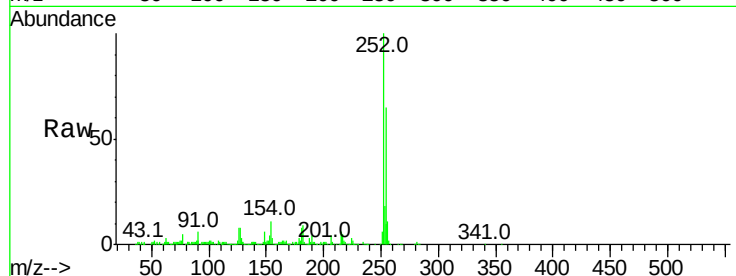




#81
 3,3'-Dichlorobenzidine
 Concen: 19.471 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

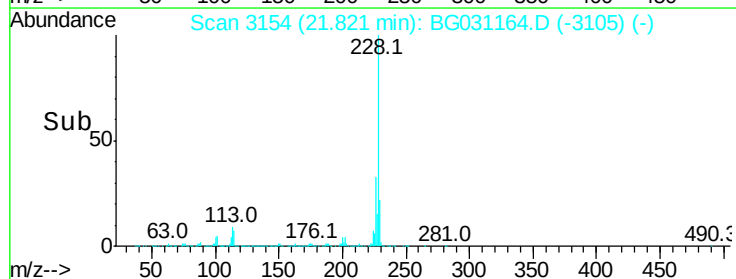
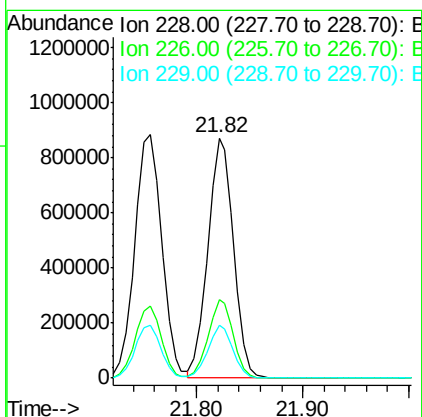
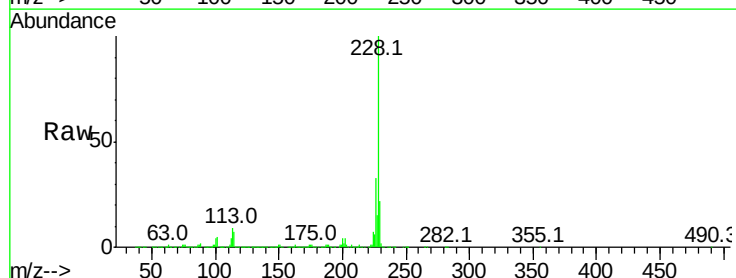
Instrument :
 BNA_G
 ClientSampleId :

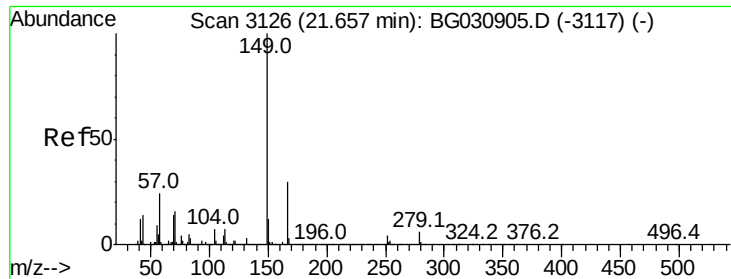
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.8	76.2
126	8.3	7.4	11.2



#82
 Chrysene
 Concen: 50.222 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	22.0	15.0	22.4

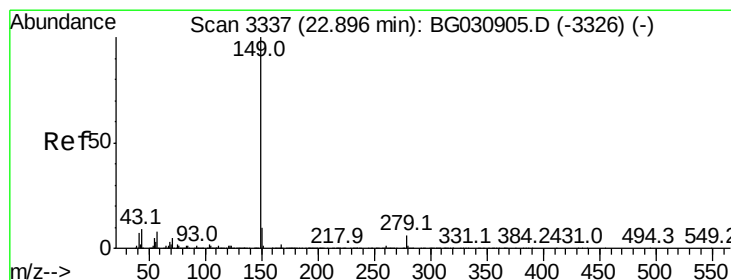
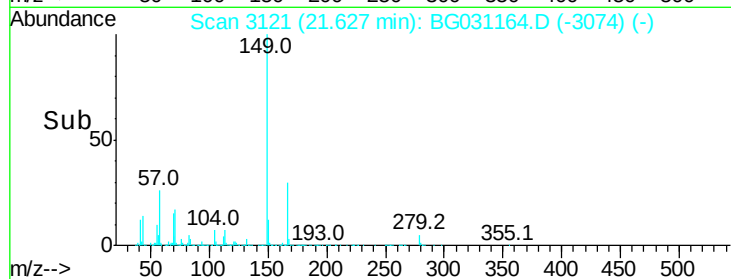
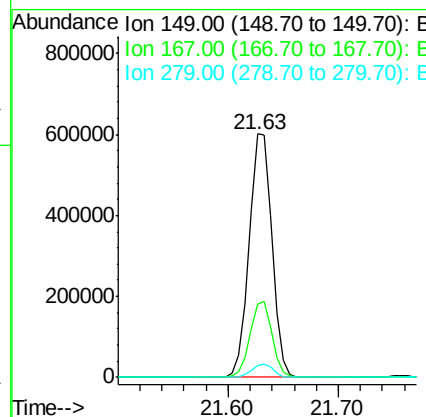
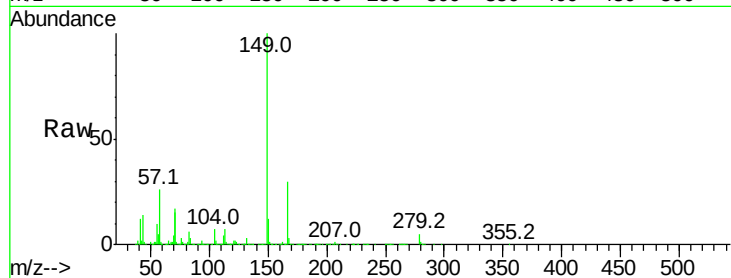




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.917 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

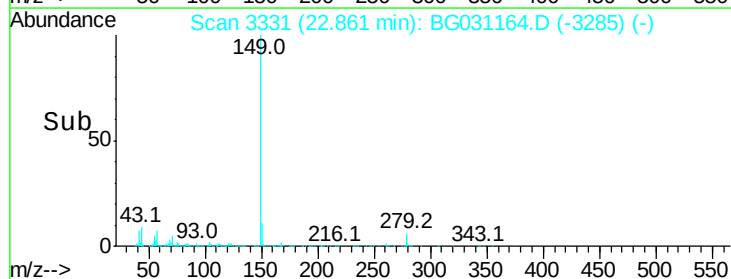
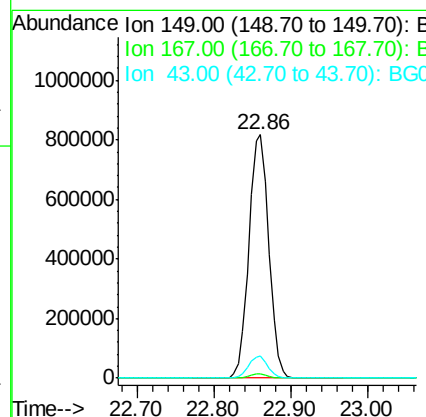
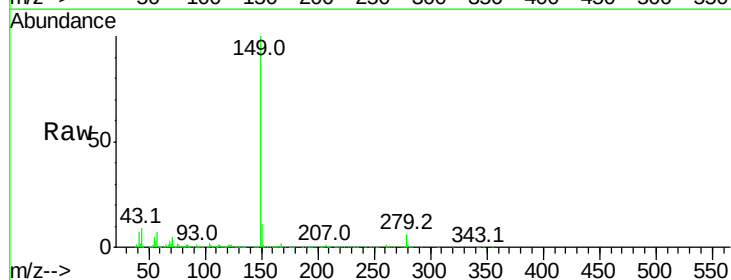
Instrument :
 BNA_G
 ClientSampleId :

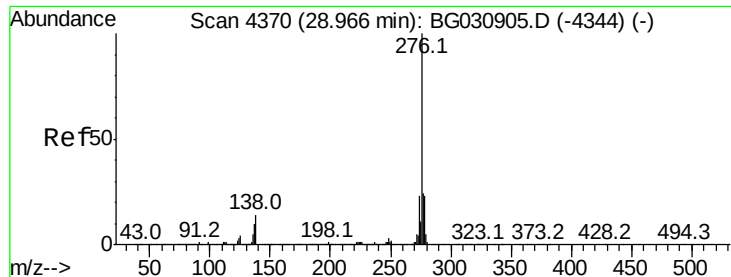
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	5.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 51.895 ng
 RT: 22.86 min Scan# 3331
 Delta R.T. -0.03 min
 Lab File: BG031164.D
 Acq: 21 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	8.6	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.158 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

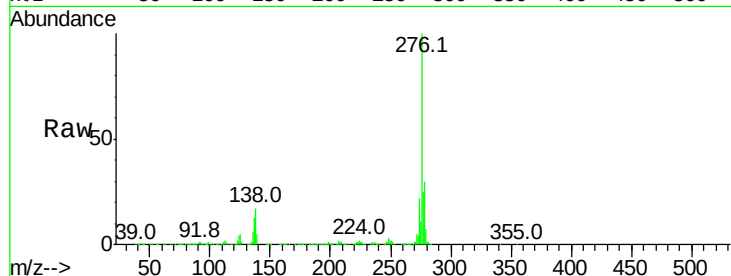
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1685067

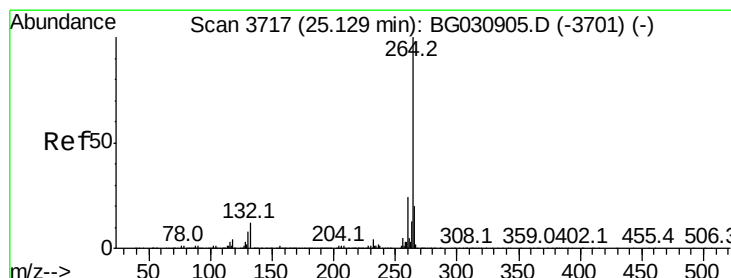
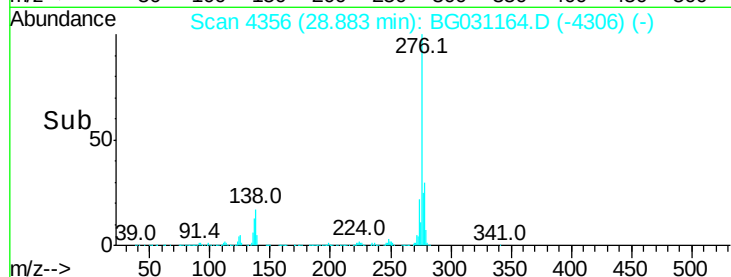
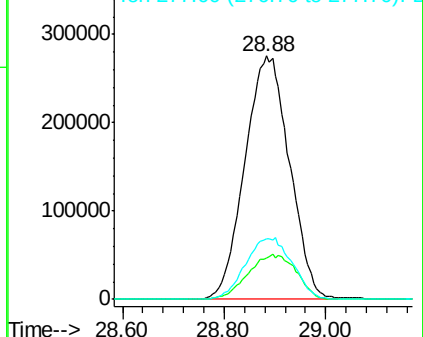
Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.0	24.0
277	26.5	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

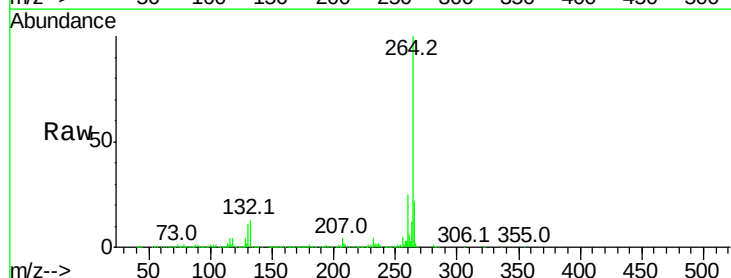
Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Tgt Ion:264 Resp: 513891

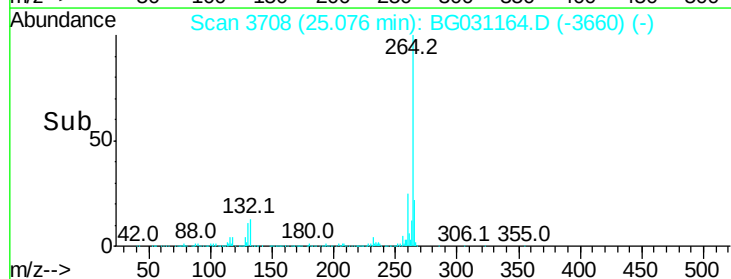
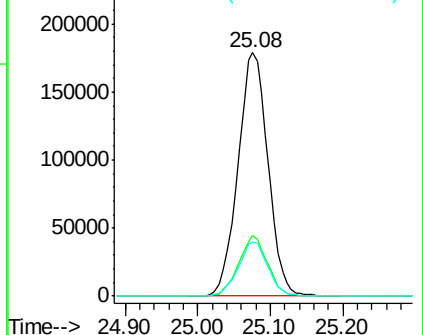
Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	22.3	17.7	26.5

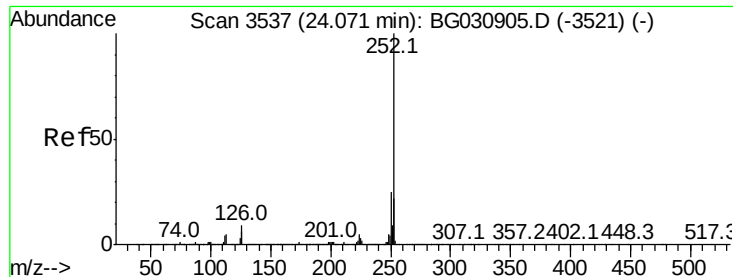


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.972 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

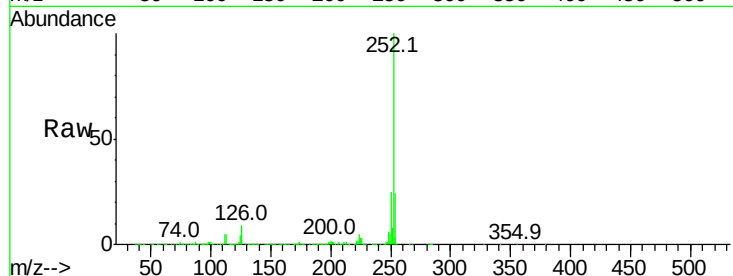
Tot Ion:252 Resp: 1584487

Ion Ratio Lower Upper

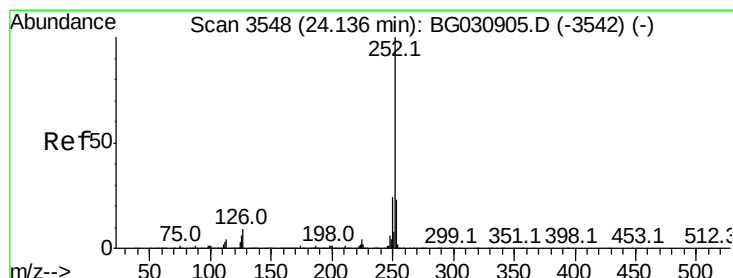
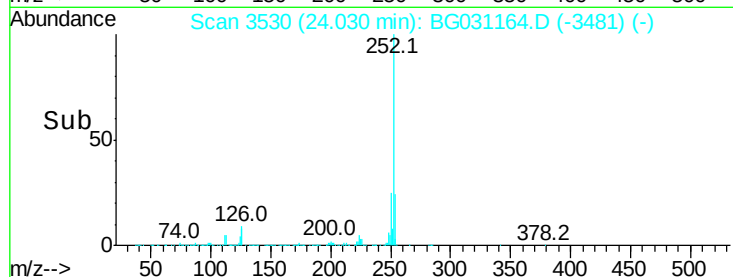
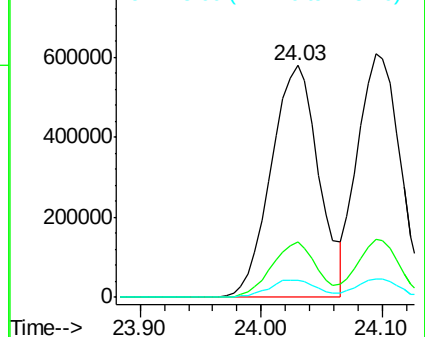
252 100

253 24.0 18.2 27.4

125 7.6 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: 47.922 ng

RT: 24.09 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

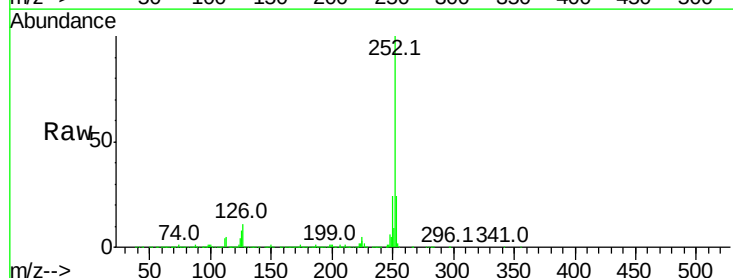
Tgt Ion:252 Resp: 1476562

Ion Ratio Lower Upper

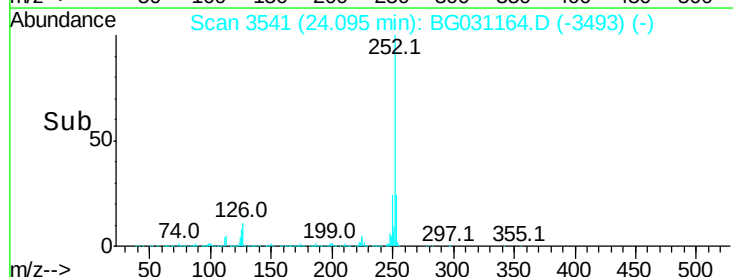
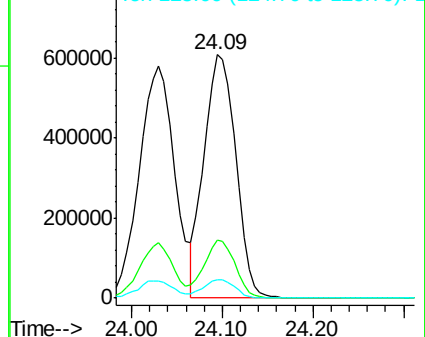
252 100

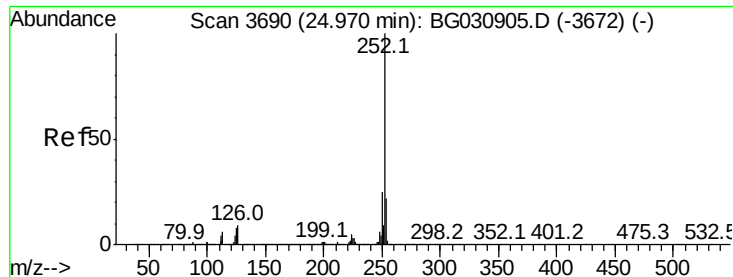
253 23.7 17.4 26.2

125 7.6 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: 50.587 ng

RT: 24.93 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

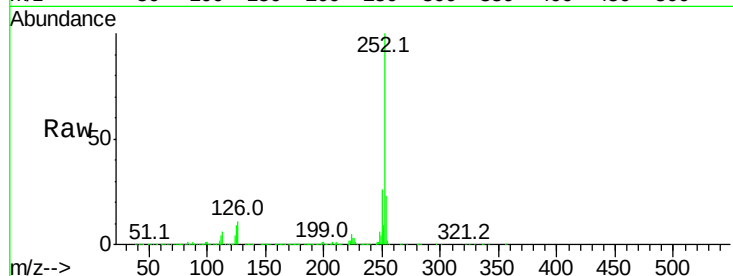
Tot Ion:252 Resp: 1493872

Ion Ratio Lower Upper

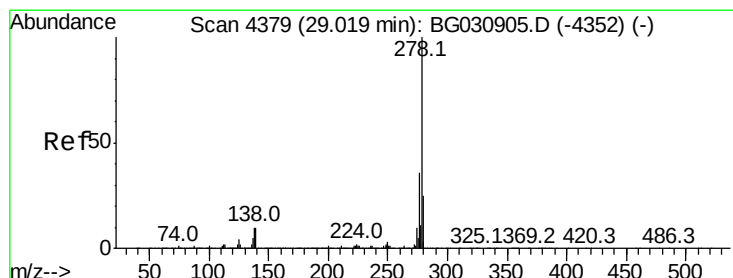
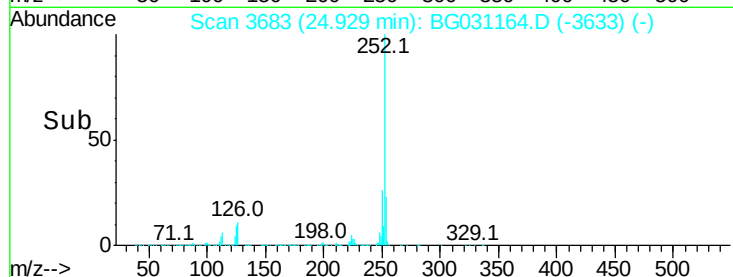
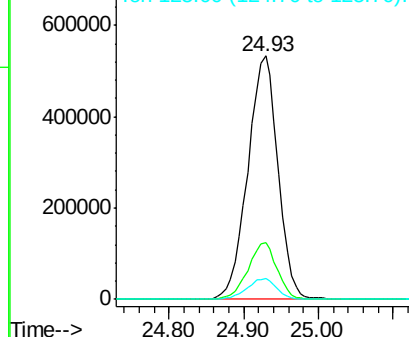
252 100

253 23.5 18.3 27.5

125 8.7 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: 47.241 ng

RT: 28.94 min Scan# 4365

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

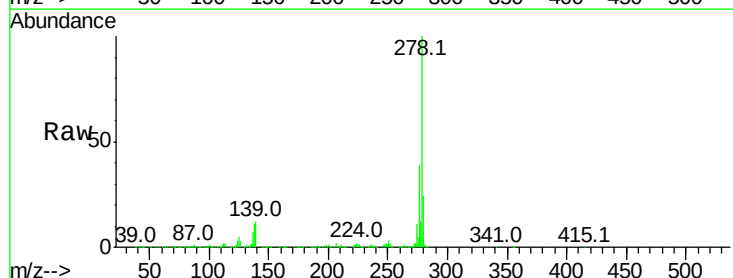
Tgt Ion:278 Resp: 1425895

Ion Ratio Lower Upper

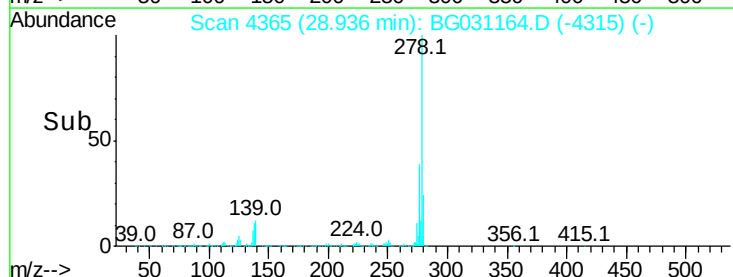
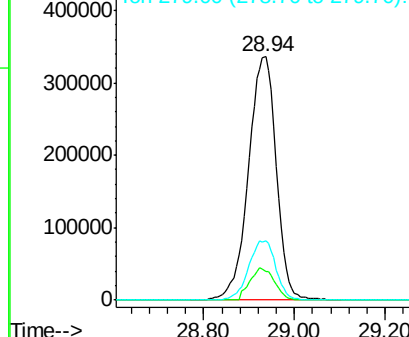
278 100

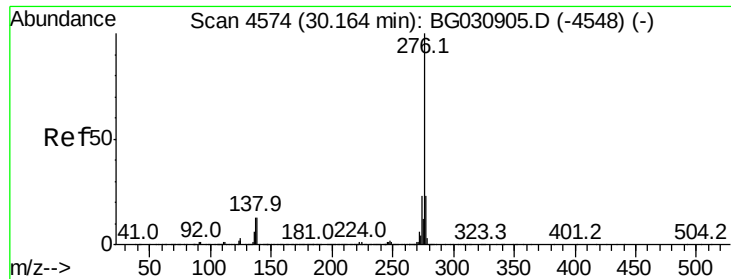
139 12.0 9.8 14.6

279 24.1 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.268 ng

RT: 30.07 min Scan# 4558

Delta R.T. -0.00 min

Lab File: BG031164.D

Acq: 21 Nov 2017 22:20

Instrument :

BNA_G

ClientSampleId :

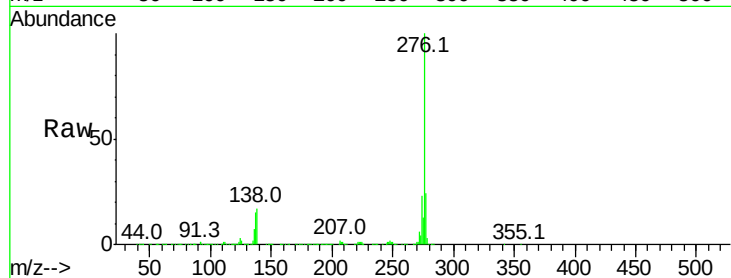
Tot Ion:276 Resp: 1414016

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 16.7 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

