

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031459.D
 Acq On : 11 Dec 2017 17:22
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

Quant Time: Dec 11 18:02:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	46416	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	226518	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	156673	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	401724	20.00	ng	0.00
75) Chrysene-d12	21.75	240	427739	20.00	ng	0.00
86) Perylene-d12	25.03	264	427156	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	217675	83.13	ng	0.00
7) Phenol-d6	7.27	99	310575	85.43	ng	0.00
23) Nitrobenzene-d5	9.28	82	304616	82.89	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	161182	87.81	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	880560	82.50	ng	0.00
78) Terphenyl-d14	20.07	244	1525244	81.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	46900	37.536	ng	85
3) Pyridine	3.92	79	139824	42.504	ng	91
4) n-Nitrosodimethylamine	3.83	42	64826	41.836	ng	# 91
6) Aniline	7.42	93	203089	42.421	ng	96
8) 2-Chlorophenol	7.67	128	124099	42.486	ng	92
9) Benzaldehyde	7.24	77	89171	42.318	ng	93
10) Phenol	7.30	94	162905	43.622	ng	92
11) bis(2-Chloroethyl)ether	7.52	93	127551	41.848	ng	94
12) 1,3-Dichlorobenzene	7.99	146	142117	40.913	ng	98
13) 1,4-Dichlorobenzene	8.14	146	145644	40.344	ng	96
14) 1,2-Dichlorobenzene	8.46	146	140494	40.854	ng	98
15) Benzyl Alcohol	8.35	79	119011	41.850	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.63	45	137977	40.294	ng	94
17) 2-Methylphenol	8.56	107	107879	42.378	ng	96
18) Hexachloroethane	9.19	117	50481	41.483	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	119500	41.764	ng	# 97
20) 3+4-Methylphenols	8.89	107	159108	41.956	ng	94
22) Acetophenone	8.93	105	224232	41.263	ng	# 93
24) Nitrobenzene	9.32	77	155122	41.191	ng	91
25) Isophorone	9.84	82	293389	42.243	ng	# 93
26) 2-Nitrophenol	10.03	139	76730	41.205	ng	95
27) 2,4-Dimethylphenol	10.09	122	118991	42.064	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	190298	42.440	ng	98
29) 2,4-Dichlorophenol	10.58	162	141417	42.432	ng	94
30) 1,2,4-Trichlorobenzene	10.79	180	171413	40.264	ng	96
31) Naphthalene	10.97	128	446922	40.161	ng	98
32) Benzoic acid	10.26	122	63509	40.898	ng	# 85
33) 4-Chloroaniline	11.08	127	201420	41.686	ng	95
34) Hexachlorobutadiene	11.25	225	113044	40.032	ng	95
35) Caprolactam	11.86	113	55027	42.047	ng	# 75
36) 4-Chloro-3-methylphenol	12.21	107	158078	41.553	ng	# 91
37) 2-Methylnaphthalene	12.57	142	354646	41.160	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	256048	41.816	ng	96
40) Hexachlorocyclopentadiene	12.91	237	60096	39.959	ng	90

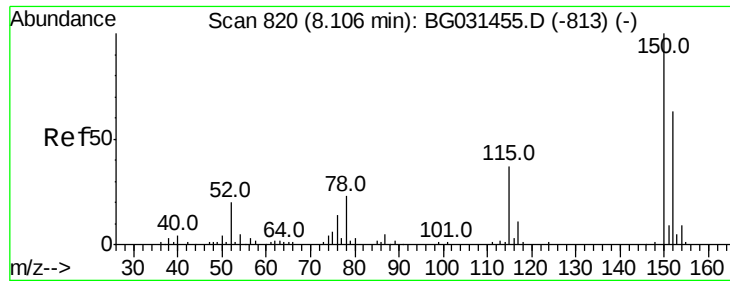
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	137670	44.006	ng	98
43) 2,4,5-Trichlorophenol	13.26	196	148303	44.008	ng	94
45) 1,1'-Biphenyl	13.57	154	533955	41.494	ng	97
46) 2-Chloronaphthalene	13.62	162	387930	41.188	ng	96
47) 2-Nitroaniline	13.82	65	111871	42.270	ng	# 81
48) Acenaphthylene	14.46	152	628676	41.483	ng	99
49) Dimethylphthalate	14.18	163	541982	41.785	ng	99
50) 2,6-Dinitrotoluene	14.31	165	116096	41.875	ng	# 80
51) Acenaphthene	14.80	154	395862	41.311	ng	99
52) 3-Nitroaniline	14.65	138	117478	41.567	ng	# 84
53) 2,4-Dinitrophenol	14.86	184	39212	39.108	ng	# 51
54) Dibenzofuran	15.13	168	627631	41.045	ng	99
55) 4-Nitrophenol	14.97	139	76716	41.936	ng	# 84
56) 2,4-Dinitrotoluene	15.10	165	163901	41.622	ng	# 77
57) Fluorene	15.78	166	510744	41.685	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	138044	43.580	ng	# 92
59) Diethylphthalate	15.53	149	547728	42.128	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	307391	41.006	ng	93
61) 4-Nitroaniline	15.80	138	123472	41.631	ng	95
62) Azobenzene	16.06	77	440036	40.857	ng	96
64) 4,6-Dinitro-2-methylphenol	15.87	198	97959	41.076	ng	76
65) n-Nitrosodiphenylamine	15.98	169	492080	41.849	ng	98
66) 4-Bromophenyl-phenylether	16.65	248	191943	41.089	ng	100
67) Hexachlorobenzene	16.78	284	195945	40.621	ng	98
68) Atrazine	16.92	200	180464	41.973	ng	96
69) Pentachlorophenol	17.14	266	85018	39.733	ng	97
70) Phenanthrene	17.52	178	839863	40.031	ng	98
71) Anthracene	17.61	178	846306	40.786	ng	99
72) Carbazole	17.88	167	776801	41.368	ng	99
73) Di-n-butylphthalate	18.42	149	921360	42.489	ng	99
74) Fluoranthene	19.52	202	1074958	40.941	ng	98
76) Benzidine	19.69	184	396794	39.861	ng	97
77) Pyrene	19.88	202	1089732	41.001	ng	98
79) Butylbenzylphthalate	20.74	149	416556	44.676	ng	87
80) Benzo(a)anthracene	21.73	228	1067984	41.366	ng	99
81) 3,3'-Dichlorobenzidine	21.63	252	384103	42.747	ng	100
82) Chrysene	21.80	228	1011730	40.877	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	587908	43.827	ng	98
84) Di-n-octyl phthalate	22.82	149	976764	44.143	ng	95
85) Indeno(1,2,3-cd)pyrene	28.80	276	1131226	42.767	ng	99
87) Benzo(b)fluoranthene	23.99	252	1026627	40.200	ng	98
88) Benzo(k)fluoranthene	24.05	252	1053104	40.409	ng	98
89) Benzo(a)pyrene	24.87	252	987429	40.760	ng	98
90) Dibenzo(a,h)anthracene	28.84	278	960320	41.453	ng	97
91) Benzo(g,h,i)perylene	29.98	276	924852	40.607	ng	97

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

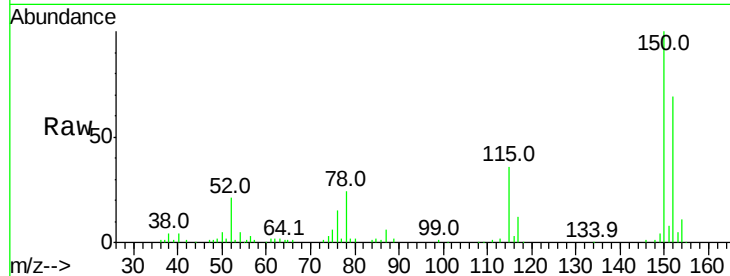


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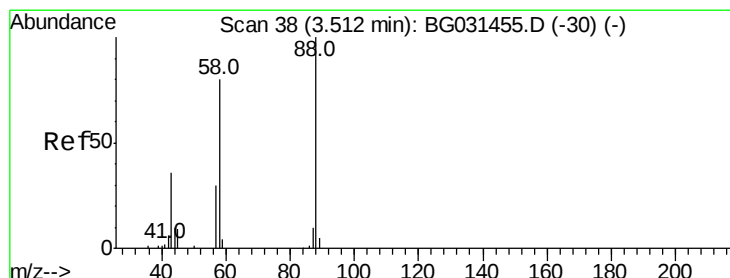
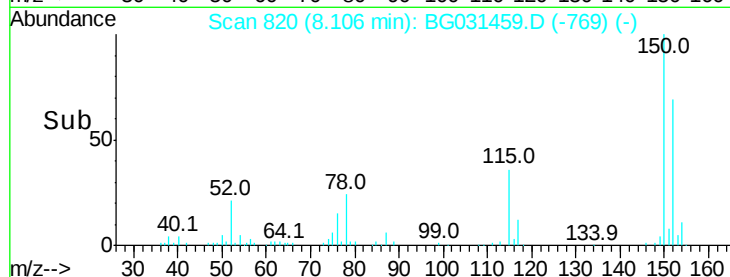
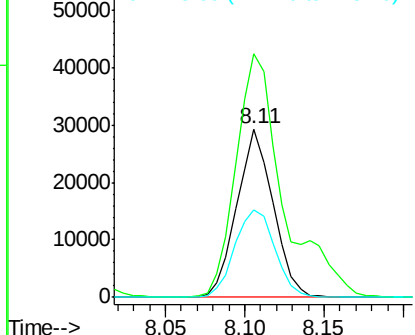
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :
ICVBG121117

Tot Ion:152 Resp: 46416
Ion Ratio Lower Upper
152 100
150 144.6 126.6 189.8
115 52.1 53.0 79.4#



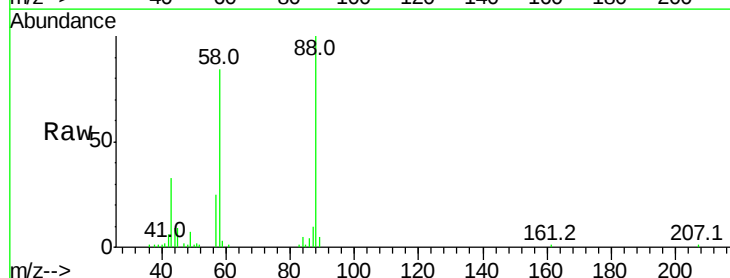
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



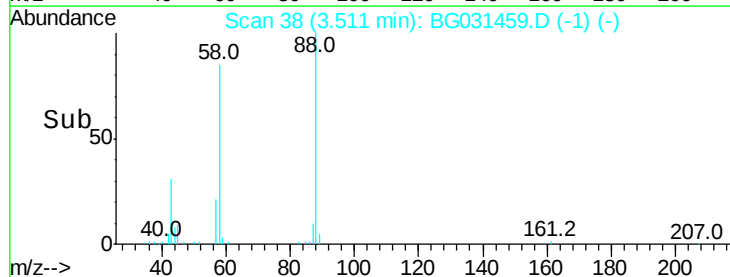
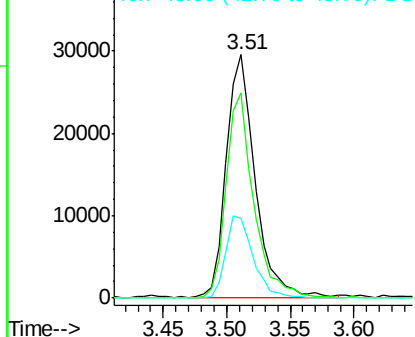
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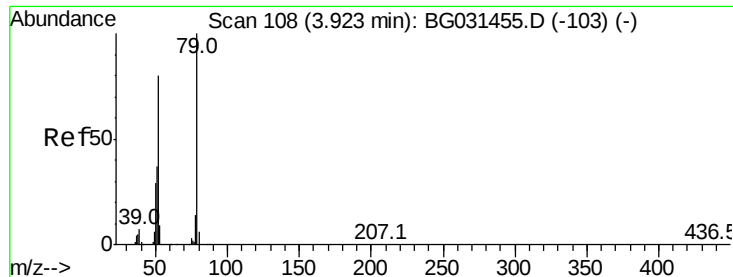
1,4-Dioxane
Concen: 37.536 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion: 88 Resp: 46900
Ion Ratio Lower Upper
88 100
58 80.1 79.6 119.4
43 32.0 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: 42.504 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

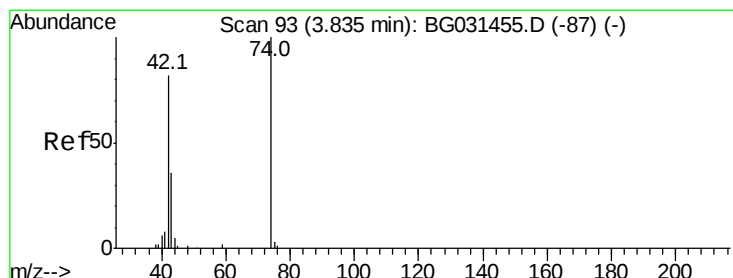
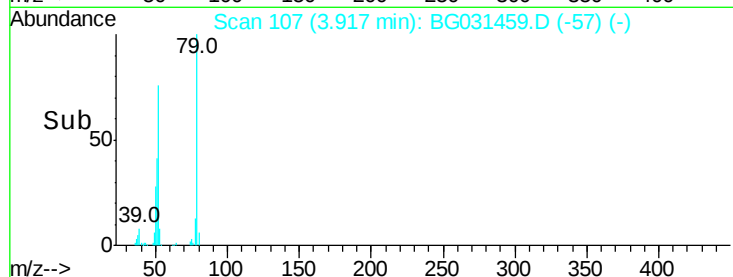
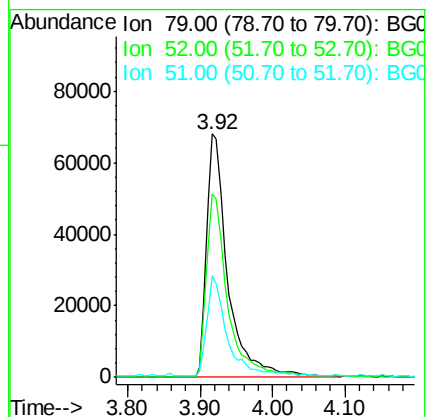
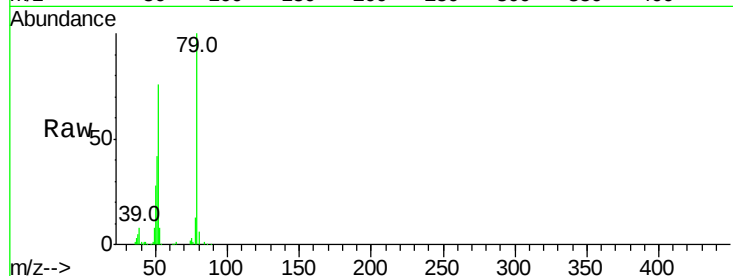
Tot Ion: 79 Resp: 139824

Ion Ratio Lower Upper

79 100

52 75.6 69.9 104.9

51 41.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 41.836 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

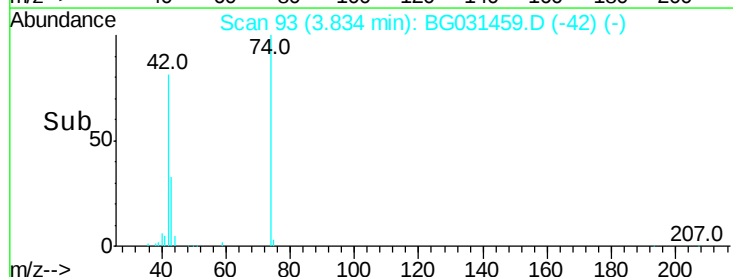
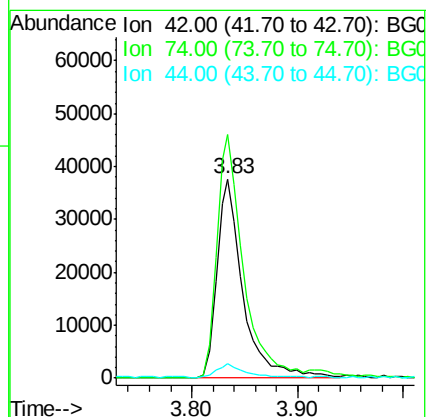
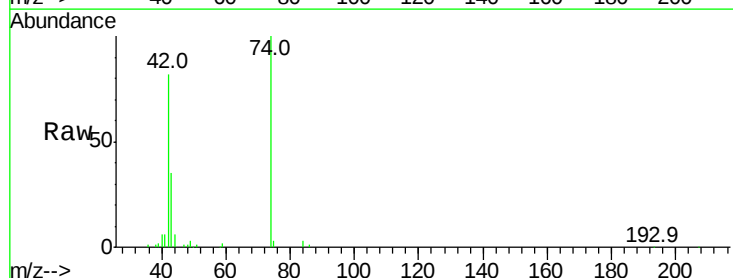
Tgt Ion: 42 Resp: 64826

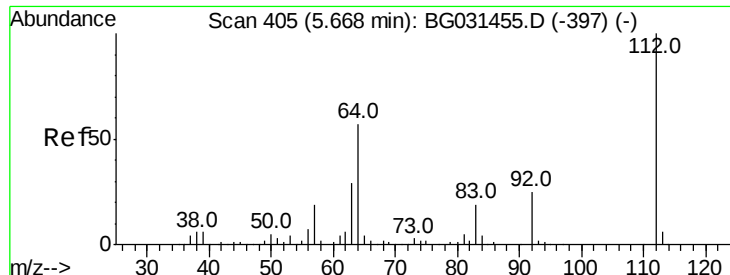
Ion Ratio Lower Upper

42 100

74 122.4 102.5 153.7

44 7.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 83.125 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.01 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

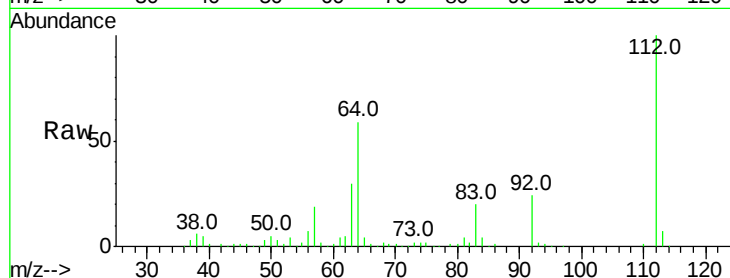
Tot Ion:112 Resp: 217675

Ion Ratio Lower Upper

112 100

64 58.5 56.3 84.5

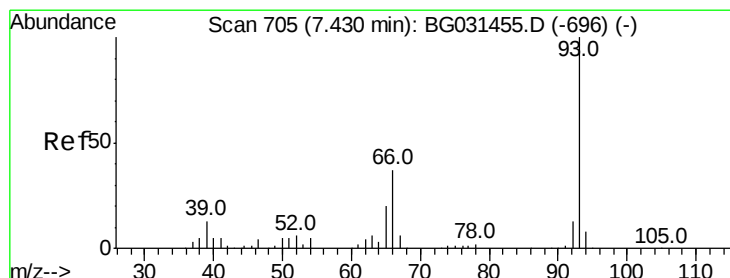
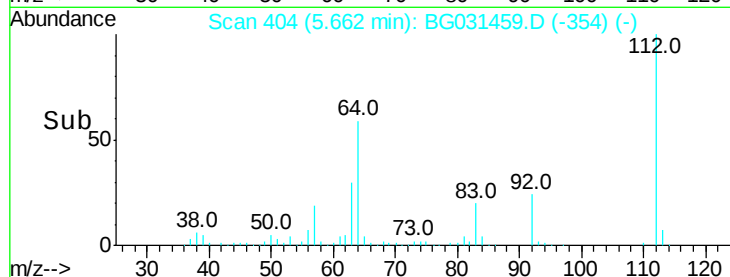
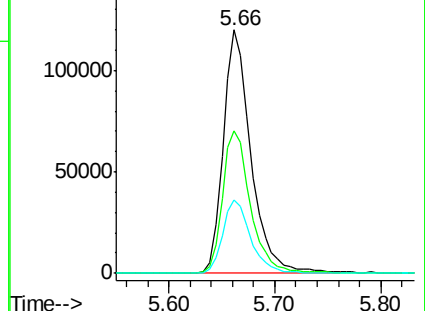
63 30.3 30.1 45.1



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: 42.421 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

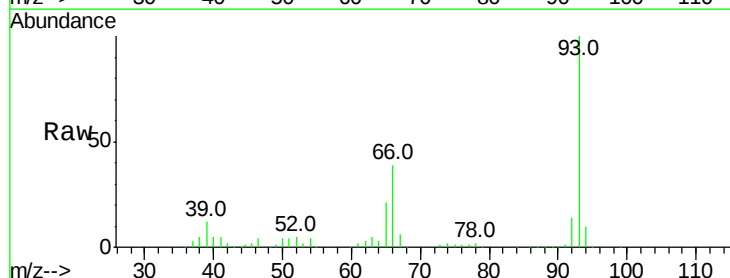
Tgt Ion: 93 Resp: 203089

Ion Ratio Lower Upper

93 100

66 38.7 33.7 50.5

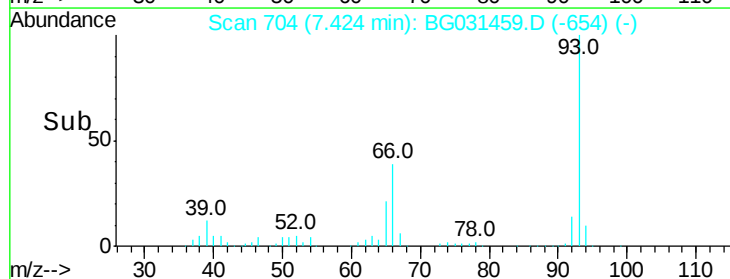
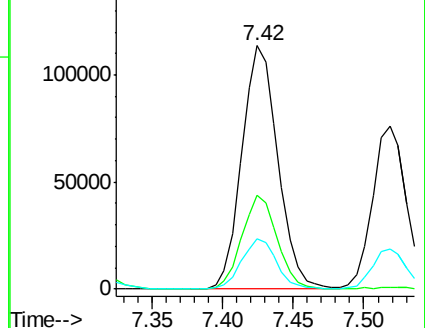
65 20.7 16.1 24.1

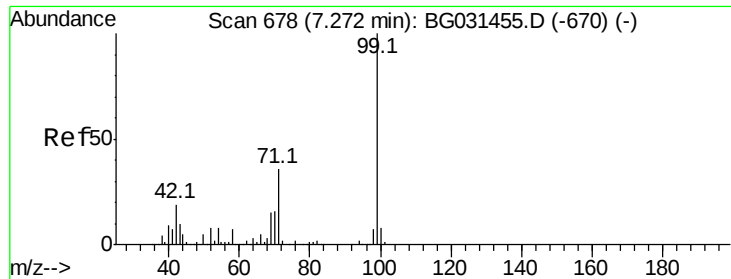


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.433 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

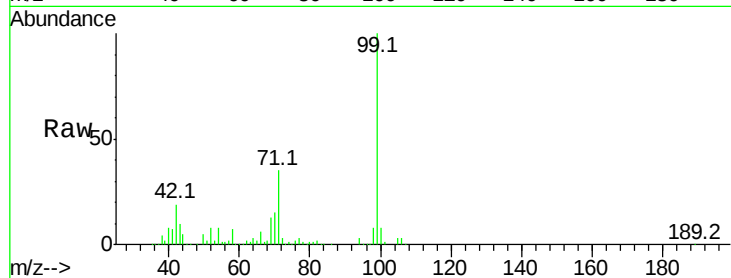
Tot Ion: 99 Resp: 310575

Ion Ratio Lower Upper

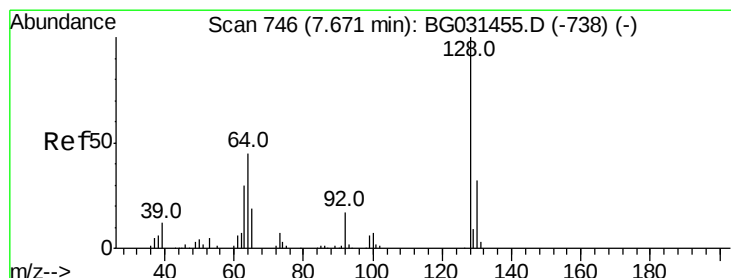
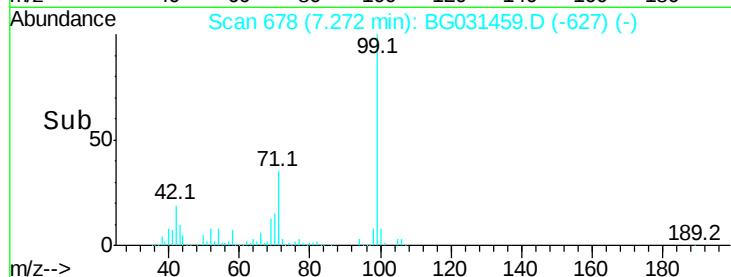
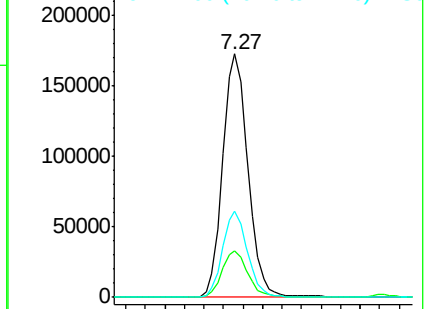
99 100

42 19.3 14.1 21.1

71 35.2 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: 42.486 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

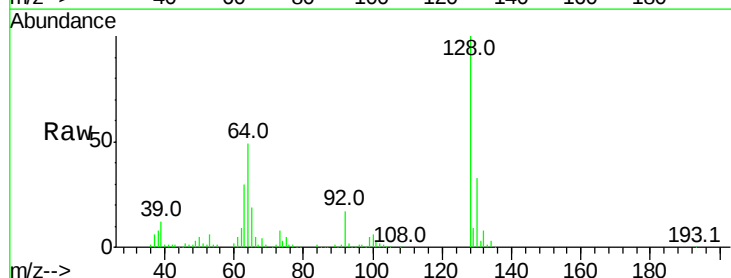
Tgt Ion: 128 Resp: 124099

Ion Ratio Lower Upper

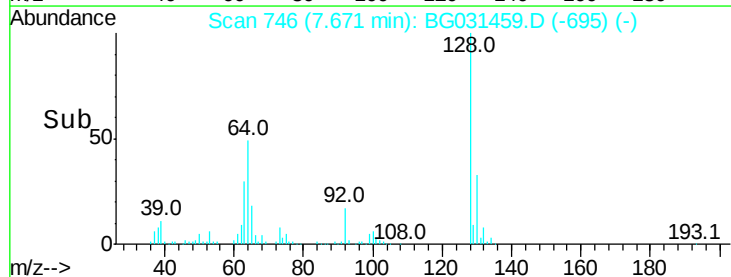
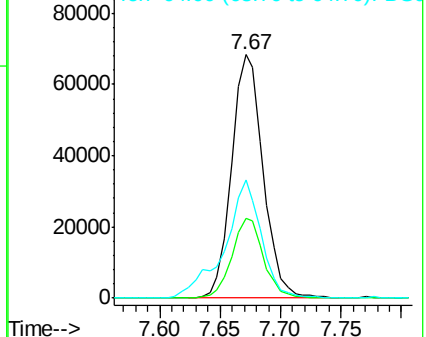
128 100

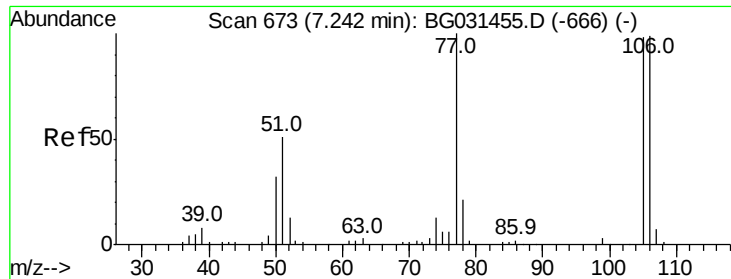
130 33.0 14.0 54.0

64 48.7 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

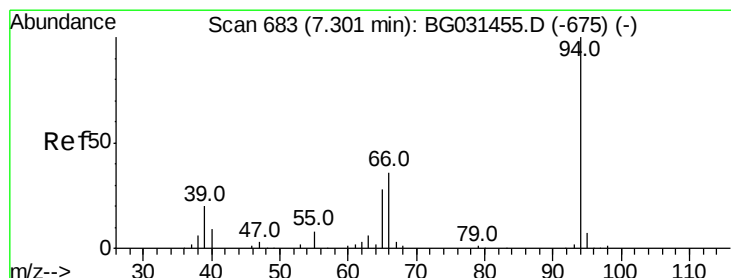
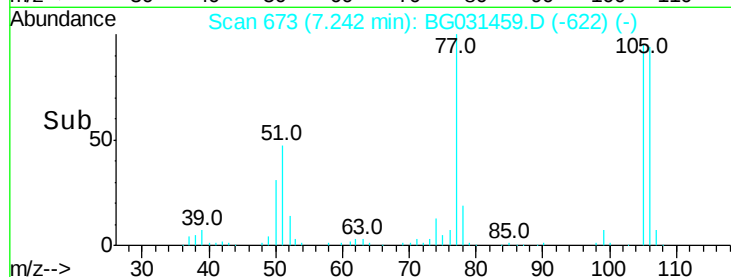
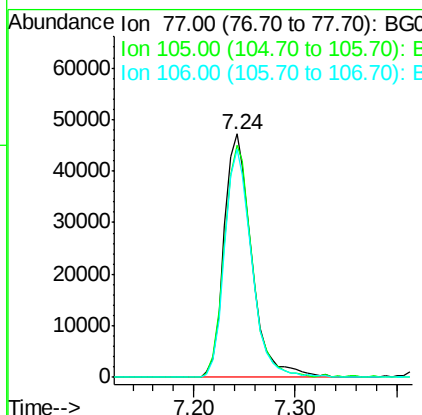
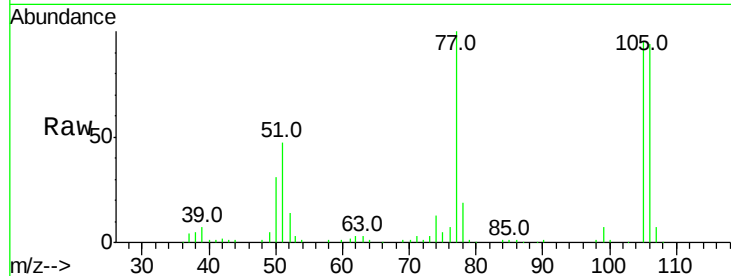




#9
Benzaldehyde
Concen: 42.318 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

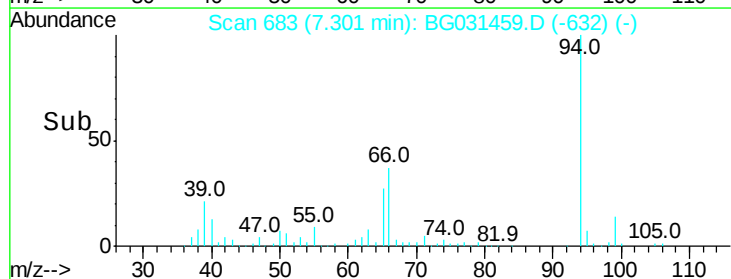
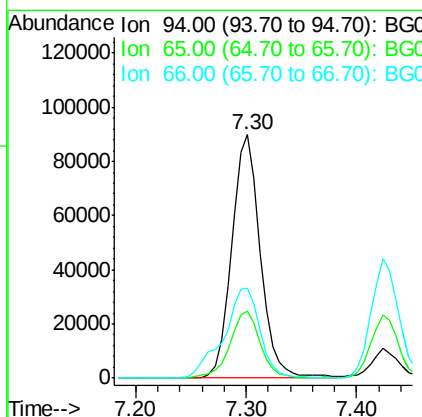
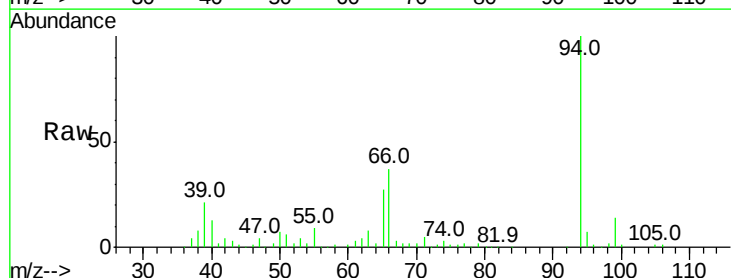
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

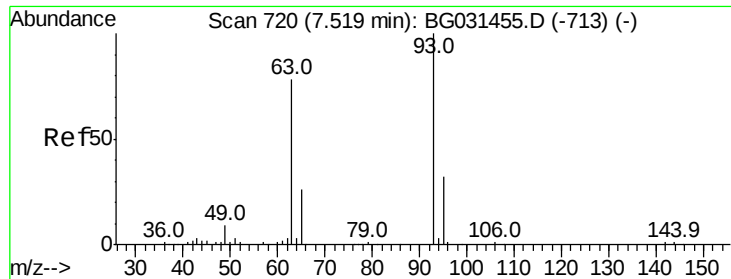
Tot Ion:	77	Resp:	89171
Ion	Ratio	Lower	Upper
77	100		
105	95.1	71.3	111.3
106	93.7	64.2	104.2



#10
Phenol
Concen: 43.622 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion:	94	Resp:	162905
Ion	Ratio	Lower	Upper
94	100		
65	27.3	11.9	51.9
66	37.1	22.2	62.2

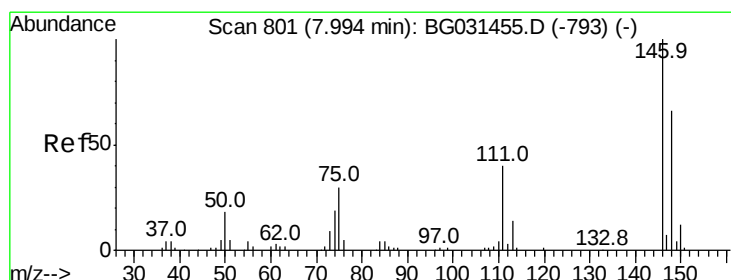
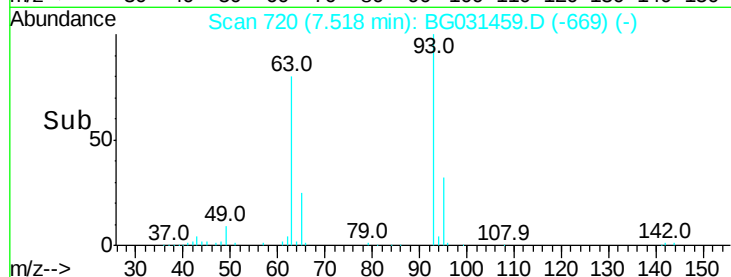
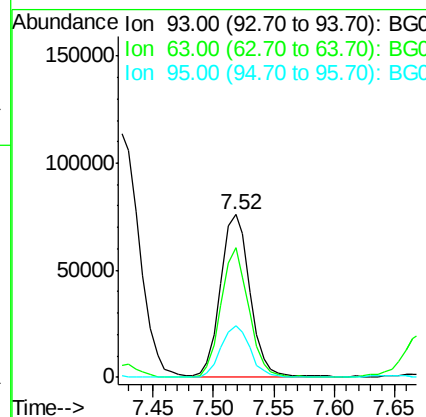
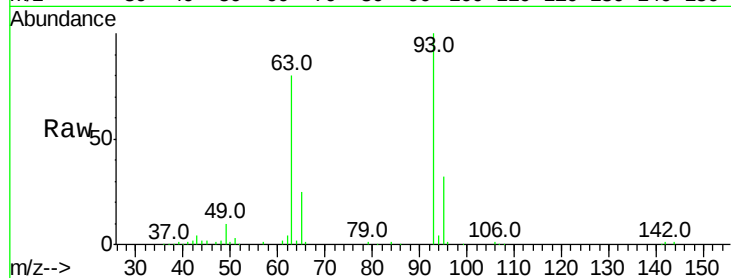




#11
 bis(2-Chloroethyl)ether
 Concen: 41.848 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

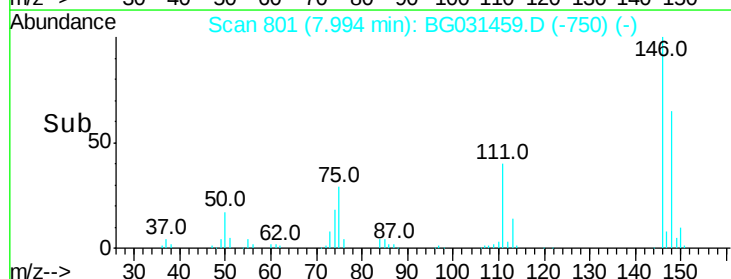
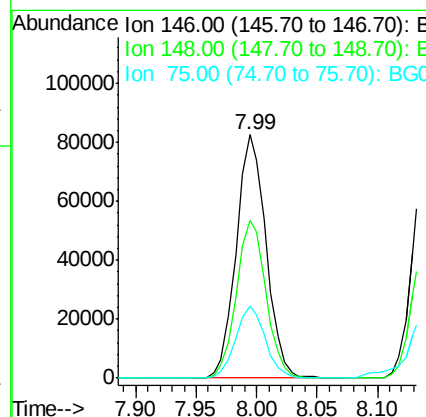
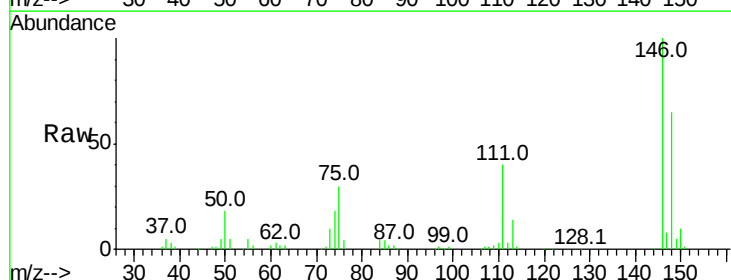
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

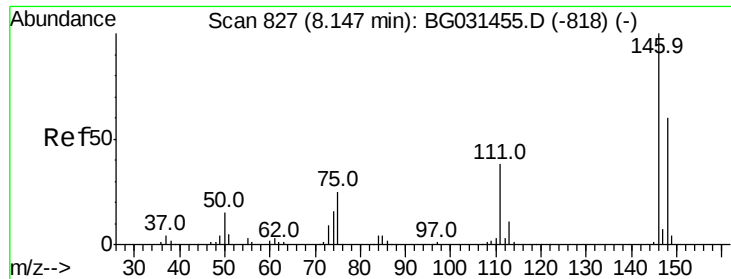
Tot Ion:	93	Resp:	127551
Ion	Ratio	Lower	Upper
93	100		
63	80.0	67.1	107.1
95	31.7	11.5	51.5



#12
 1,3-Dichlorobenzene
 Concen: 40.913 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion:	146	Resp:	142117
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	29.8	26.6	39.8

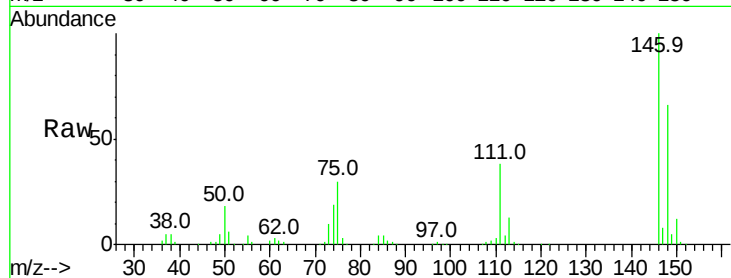




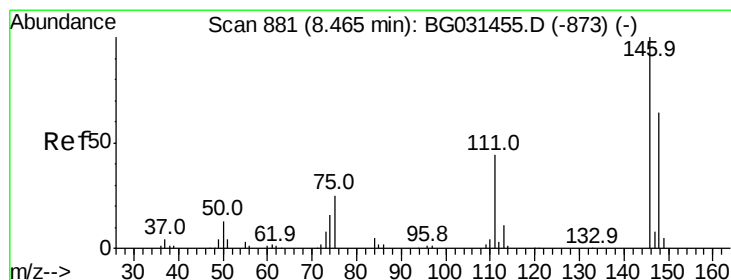
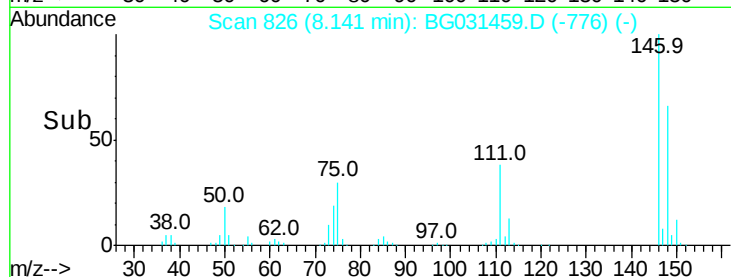
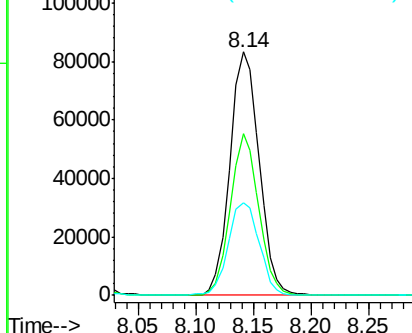
#13
 1,4-Dichlorobenzene
 Concen: 40.344 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

Tot Ion:146 Resp: 145644
 Ion Ratio Lower Upper
 146 100
 148 66.2 53.7 80.5
 111 38.3 35.2 52.8

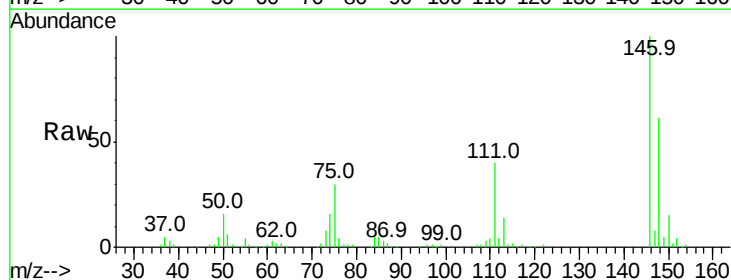


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

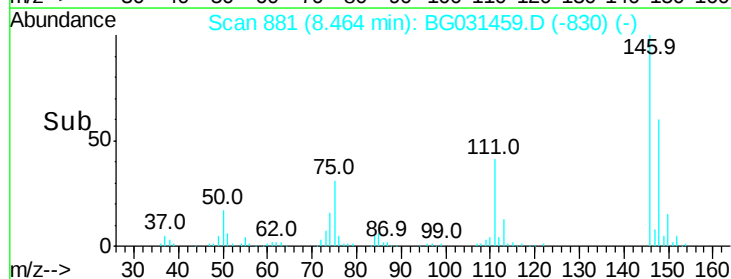
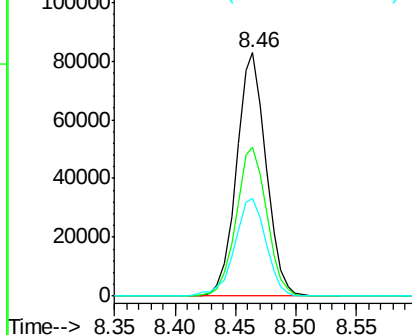


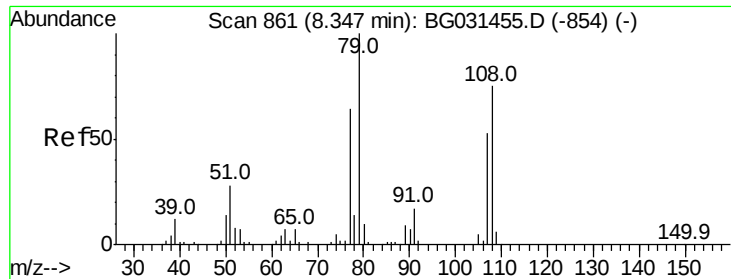
#14
 1,2-Dichlorobenzene
 Concen: 40.854 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion:146 Resp: 140494
 Ion Ratio Lower Upper
 146 100
 148 61.0 49.3 73.9
 111 40.4 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 41.850 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

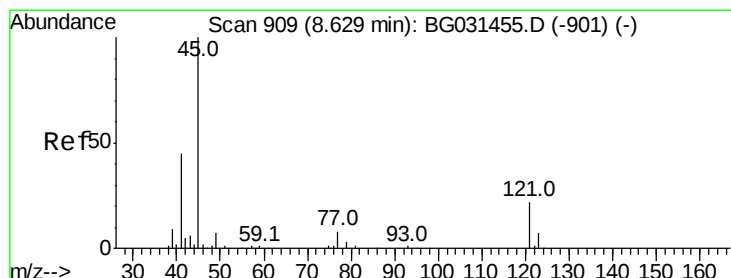
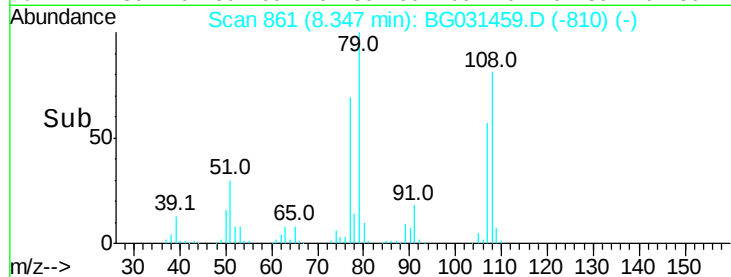
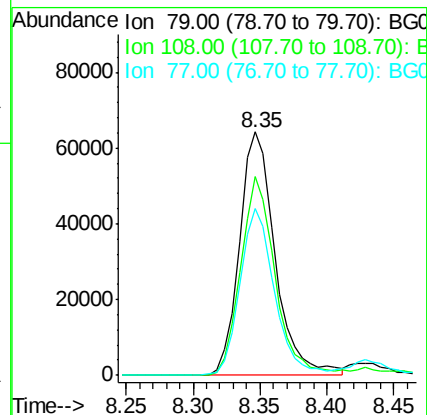
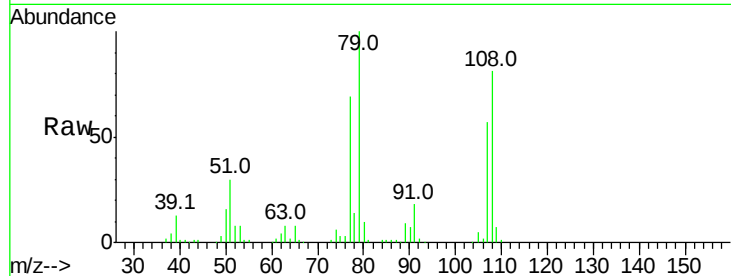
Tot Ion: 79 Resp: 119011

Ion Ratio Lower Upper

79 100

108 81.4 57.2 85.8

77 68.7 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.294 ng

RT: 8.63 min Scan# 910

Delta R.T. 0.01 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

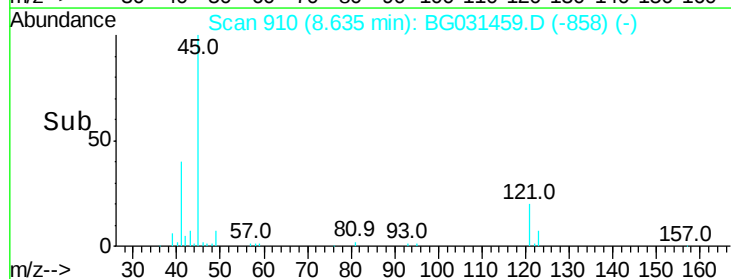
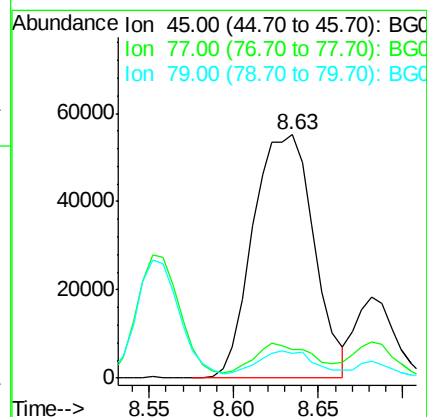
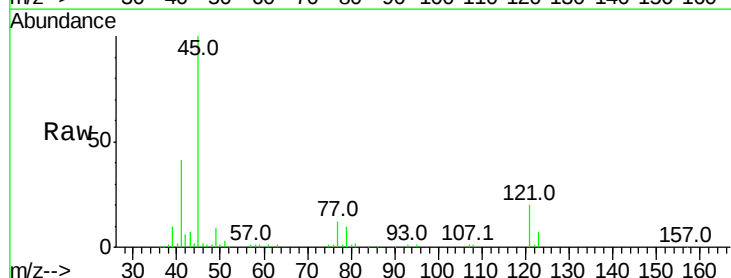
Tgt Ion: 45 Resp: 137977

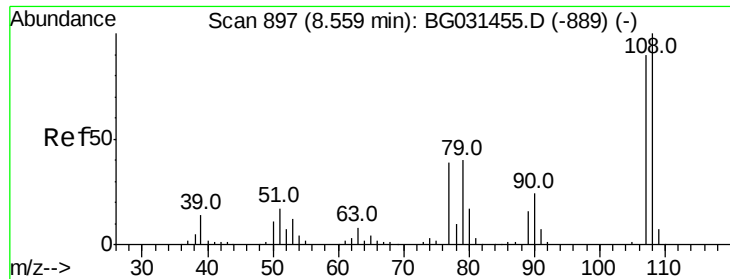
Ion Ratio Lower Upper

45 100

77 11.9 0.0 30.2

79 10.3 0.0 27.9

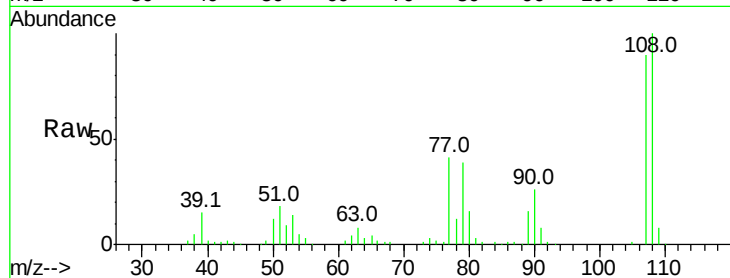




#17
2-Methylphenol
Concen: 42.378 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :
ICVBG121117

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	83.9	125.9
77	45.8	37.2	55.8
79	43.7	36.2	54.2



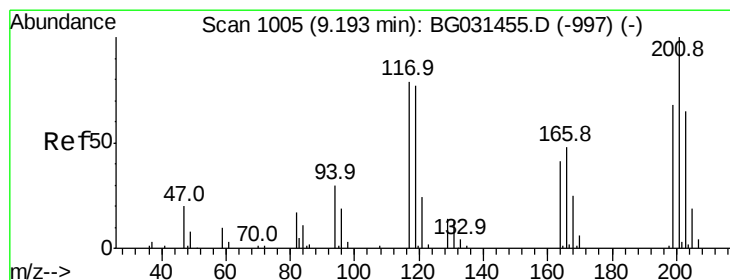
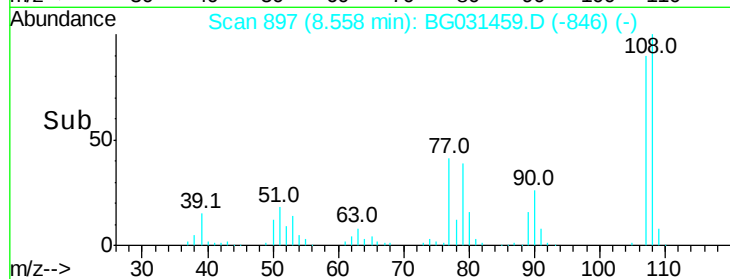
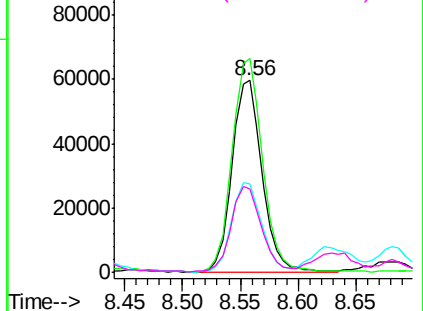
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

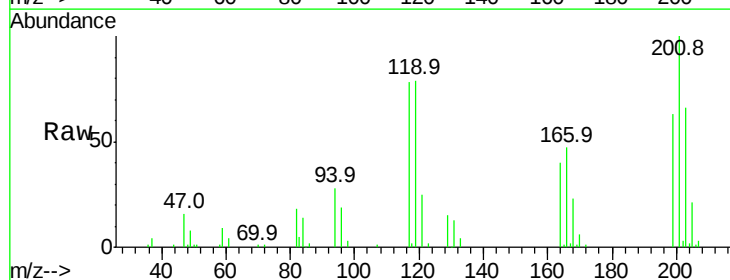
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.483 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.7	115.1
201	127.6	95.7	143.5

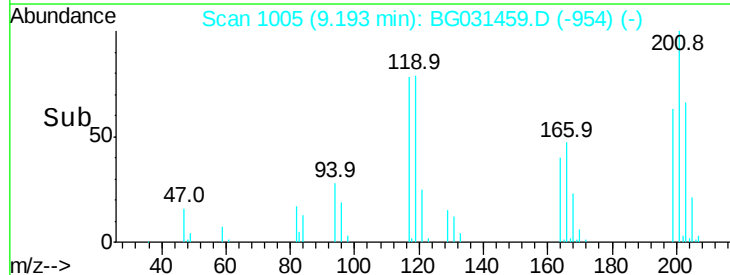
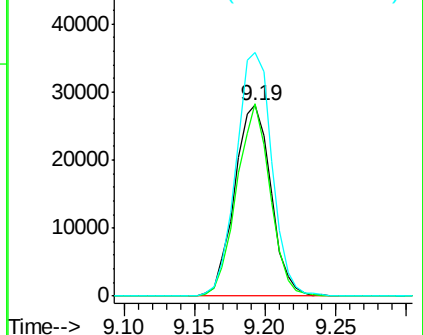


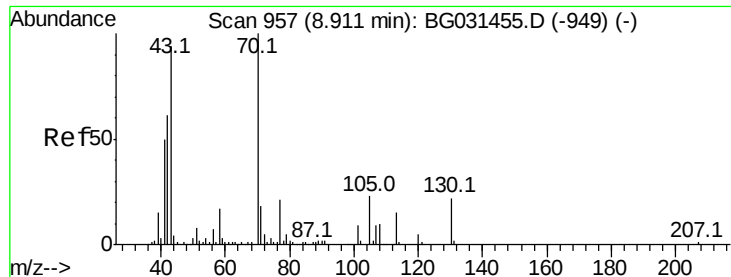
Abundance

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

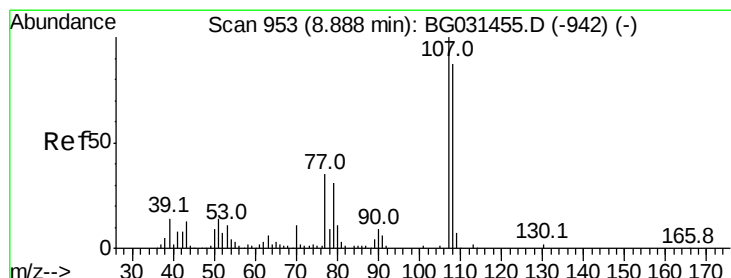
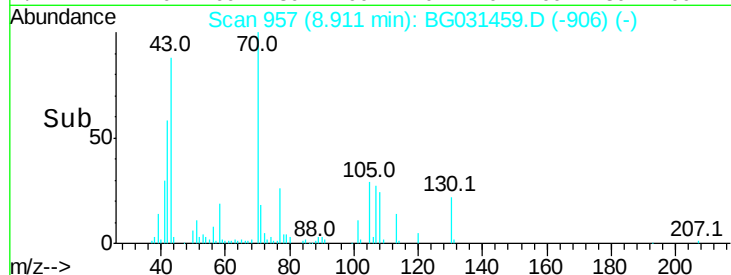
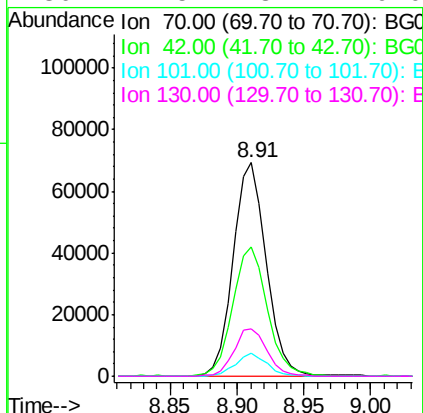
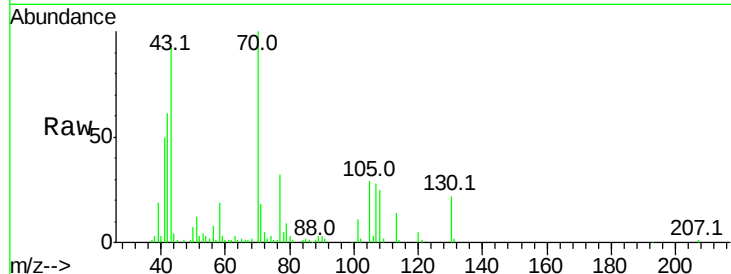




#19
n-Nitroso-di-n-propylamine
Concen: 41.764 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

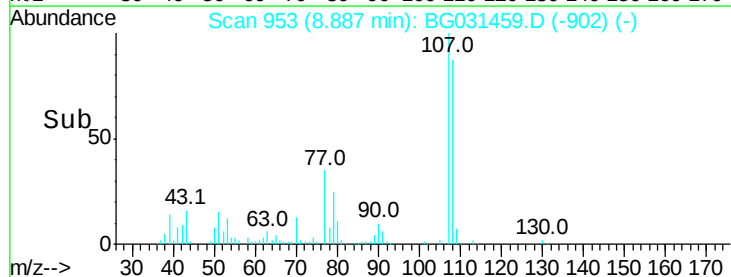
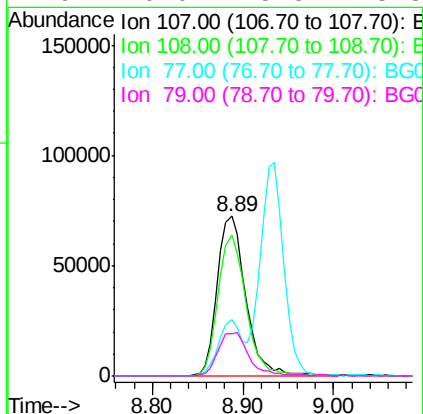
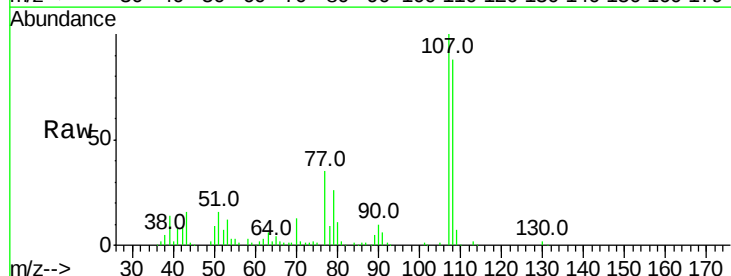
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

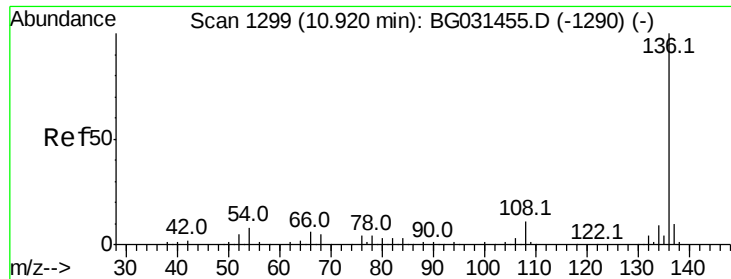
Tot Ion: 70 Resp: 119500
Ion Ratio Lower Upper
70 100
42 60.7 49.1 73.7
101 10.6 8.5 12.7
130 22.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 41.956 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion: 107 Resp: 159108
Ion Ratio Lower Upper
107 100
108 88.1 61.6 101.6
77 35.2 13.9 53.9
79 26.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

Tot Ion:136 Resp: 226518

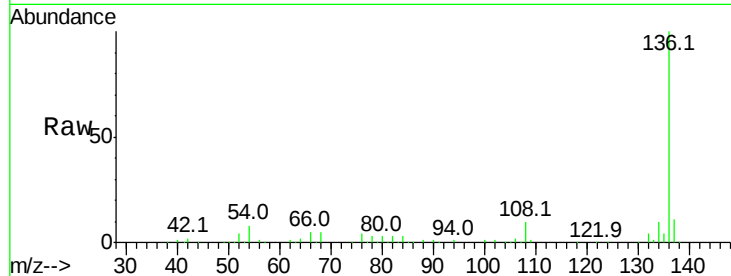
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 8.2 10.3 15.5#

68 4.7 4.5 6.7

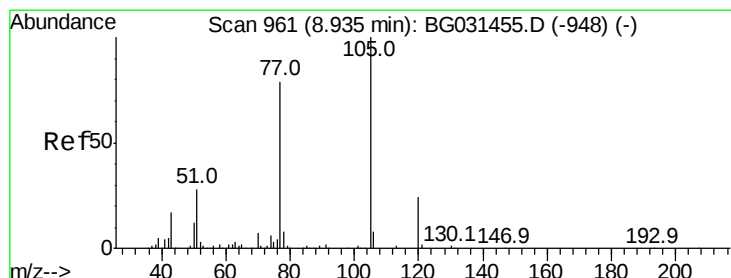
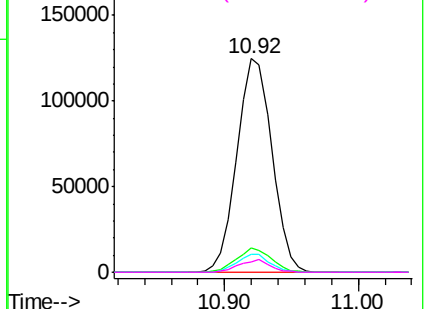
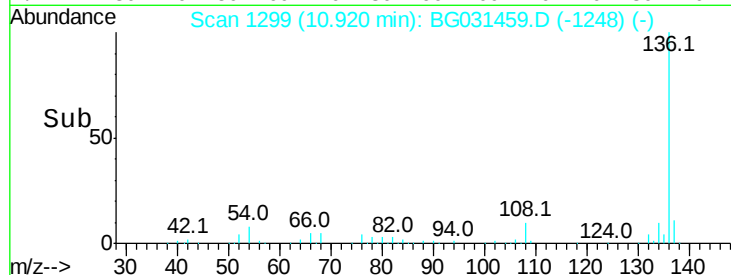


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.263 ng

RT: 8.93 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Tgt Ion:105 Resp: 224232

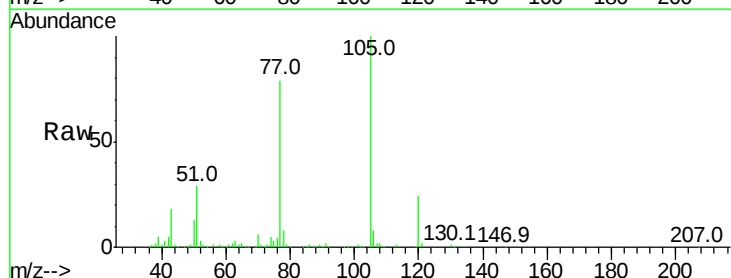
Ion Ratio Lower Upper

105 100

71 0.8 3.0 4.4#

51 28.5 26.1 39.1

120 24.2 17.4 26.2

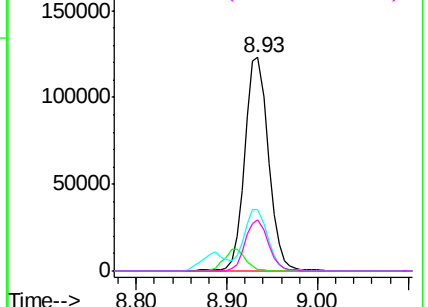
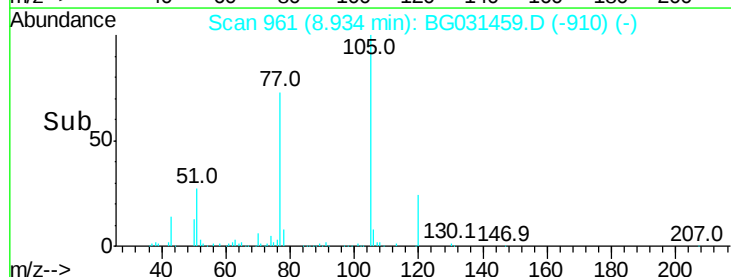


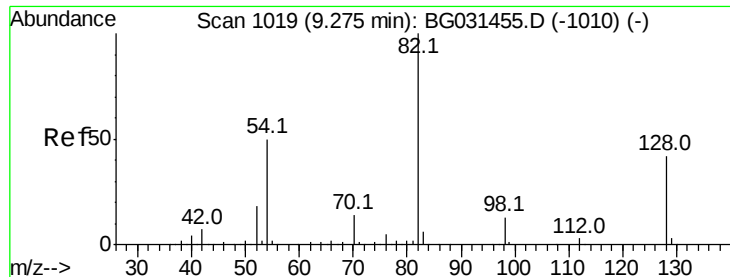
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

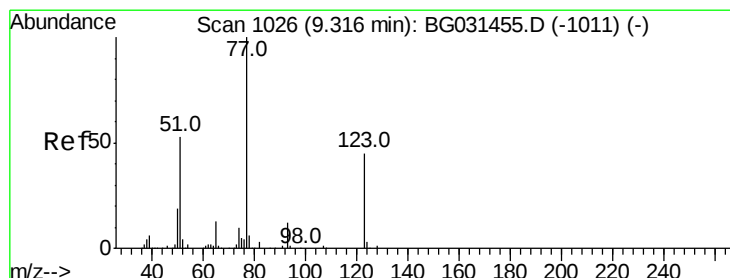
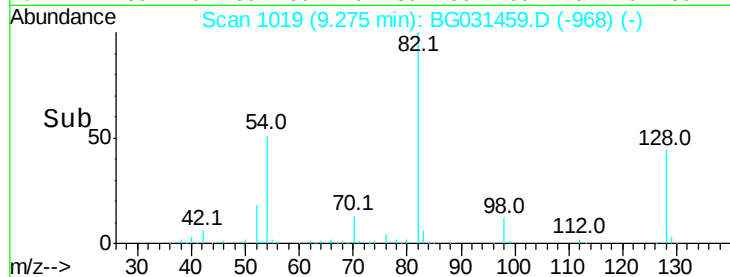
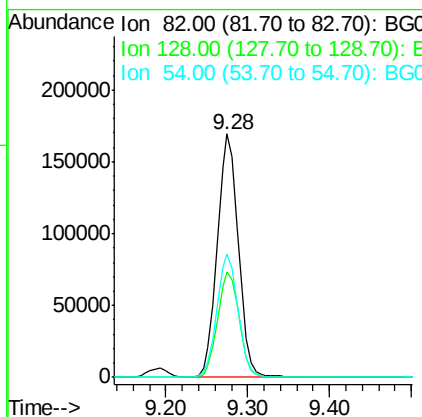
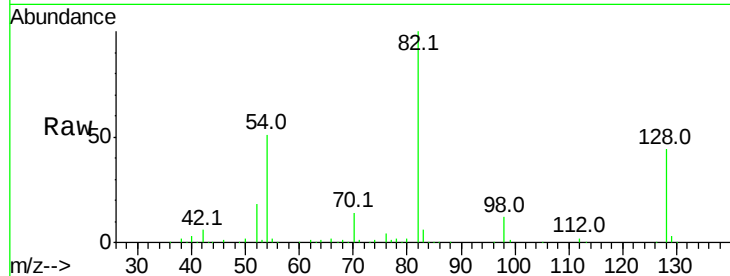




#23
 Nitrobenzene-d5
 Concen: 82.888 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

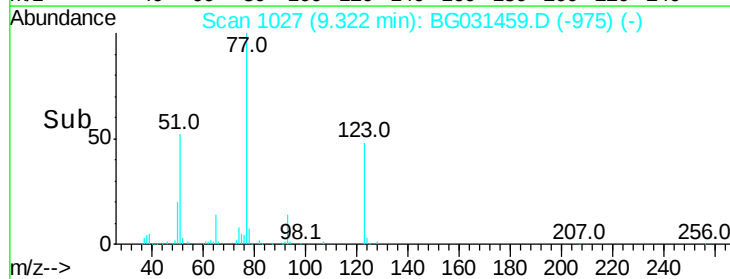
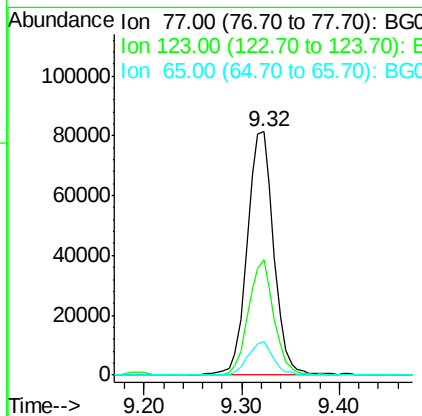
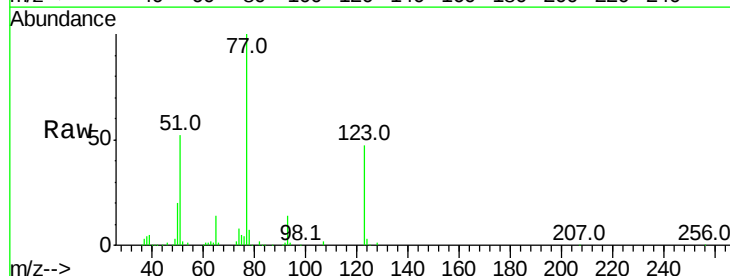
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

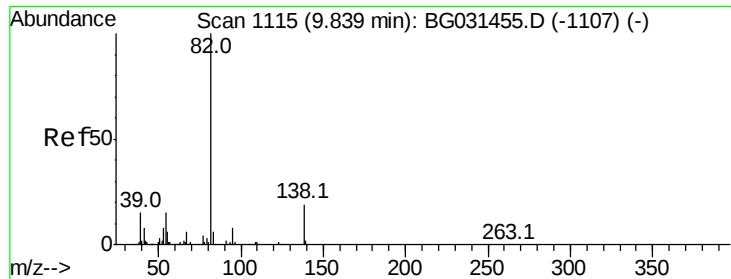
Tot Ion	82	Resp	304616
Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.7	44.5
54	50.9	43.1	64.7



#24
 Nitrobenzene
 Concen: 41.191 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion	77	Resp	155122
Ion	Ratio	Lower	Upper
77	100		
123	47.4	33.0	49.6
65	13.6	13.0	19.6





#25

Isophorone

Concen: 42.243 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

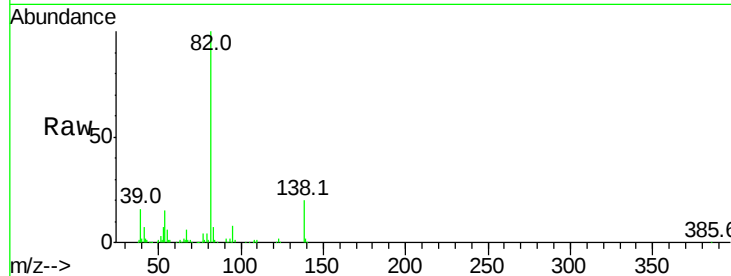
Tot Ion: 82 Resp: 293389

Ion Ratio Lower Upper

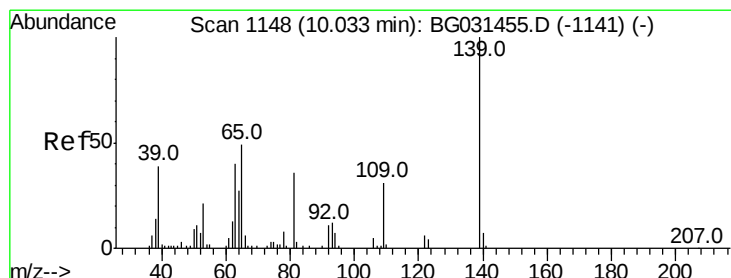
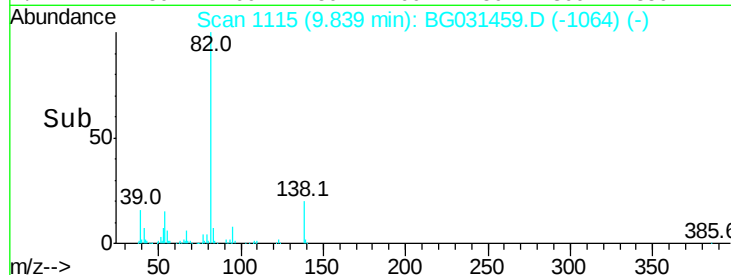
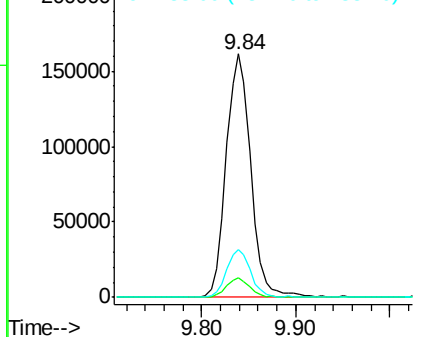
82 100

95 8.2 6.2 9.2

138 19.5 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 41.205 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

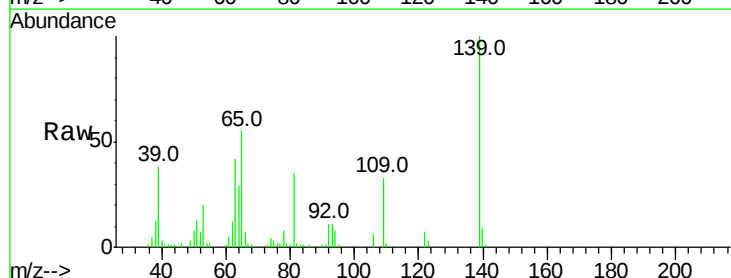
Tgt Ion: 139 Resp: 76730

Ion Ratio Lower Upper

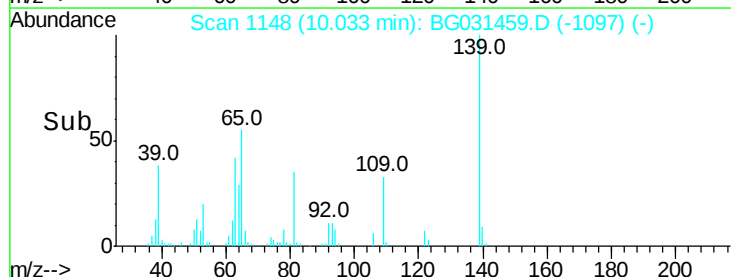
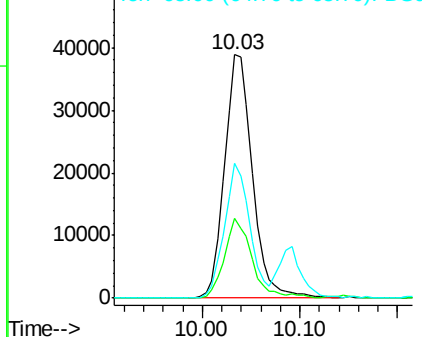
139 100

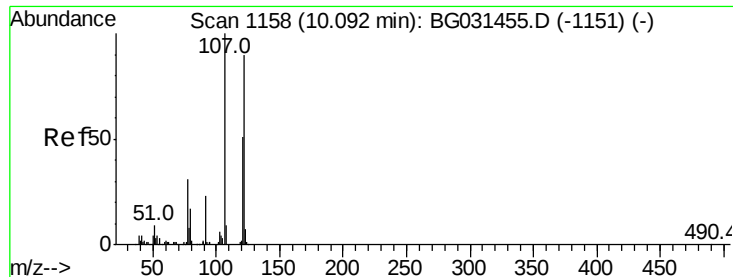
109 32.7 24.2 36.2

65 55.5 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 42.064 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

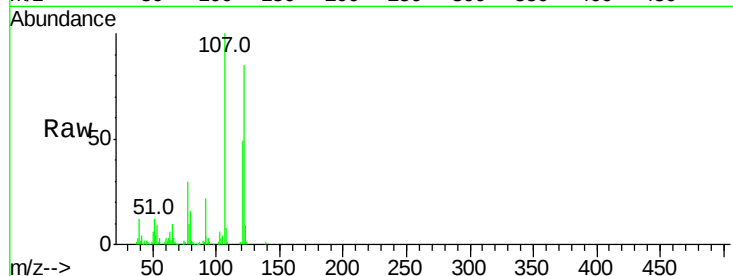
Tot Ion:122 Resp: 118991

Ion Ratio Lower Upper

122 100

107 117.1 100.2 150.2

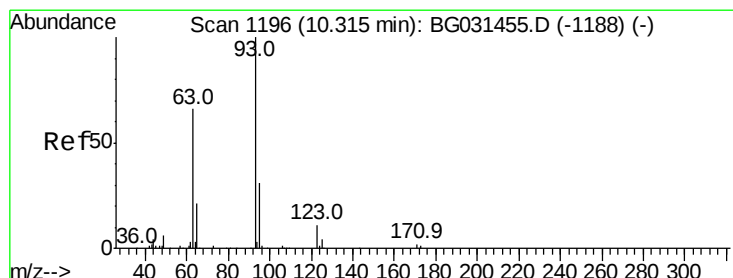
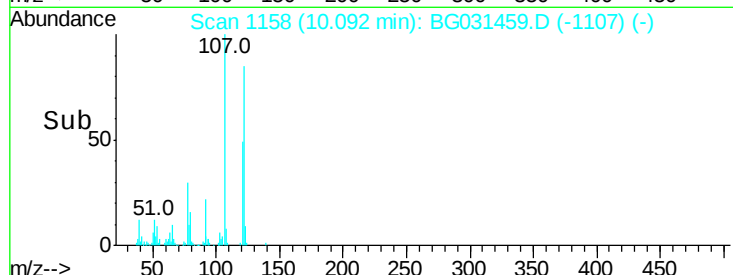
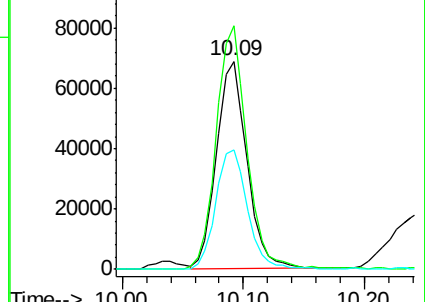
121 57.5 44.4 66.6



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: 42.440 ng

RT: 10.32 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

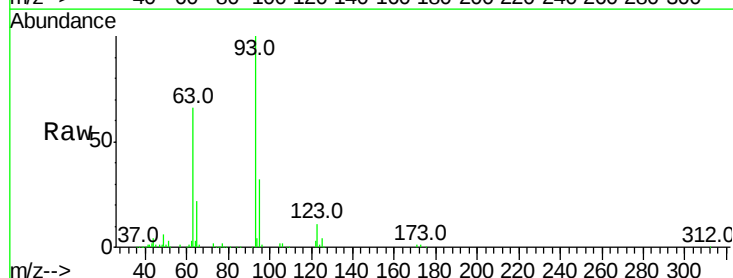
Tgt Ion: 93 Resp: 190298

Ion Ratio Lower Upper

93 100

95 32.0 24.3 36.5

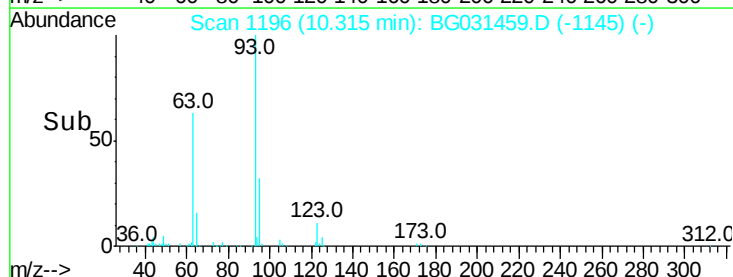
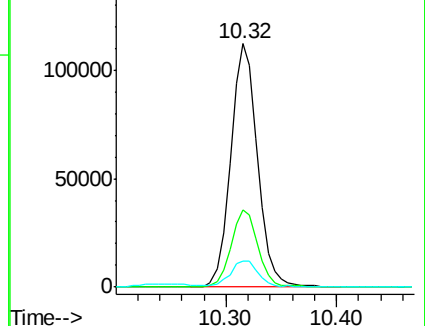
123 10.9 8.4 12.6

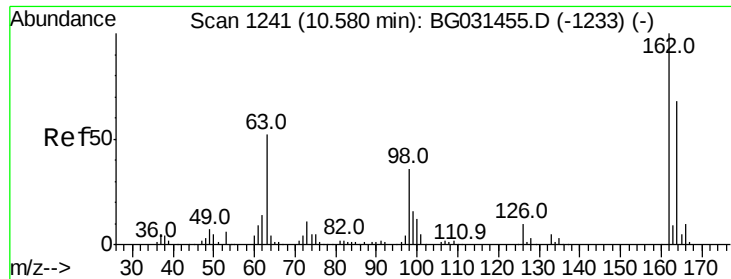


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

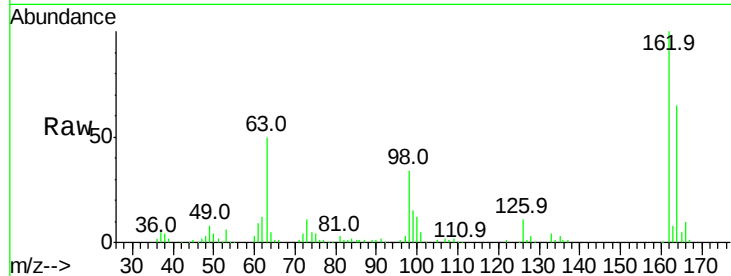




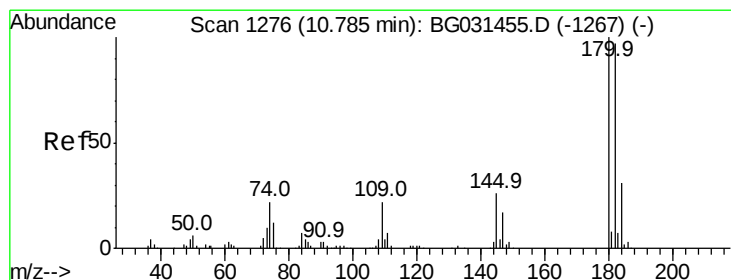
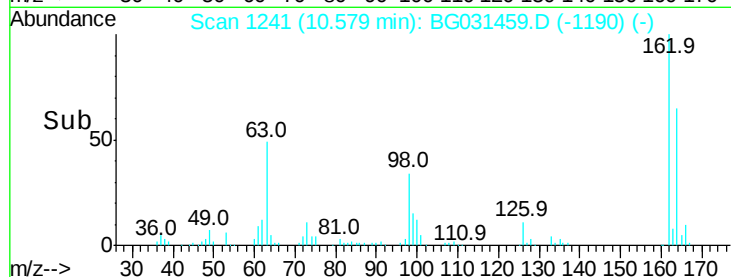
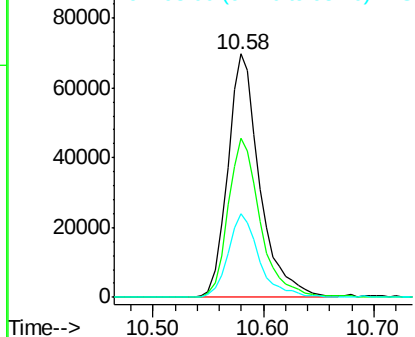
#29
 2,4-Dichlorophenol
 Concen: 42.432 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	48.0	88.0
98	34.3	21.1	61.1

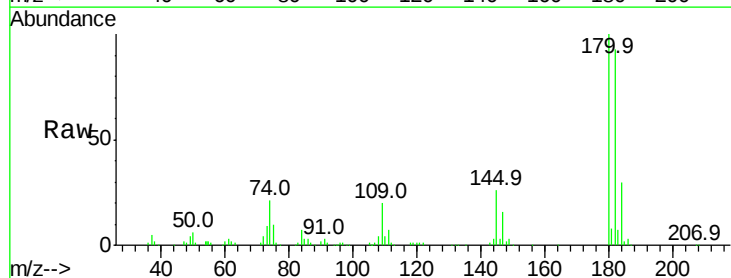


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

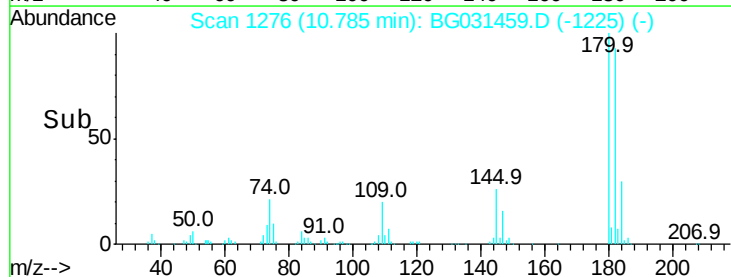
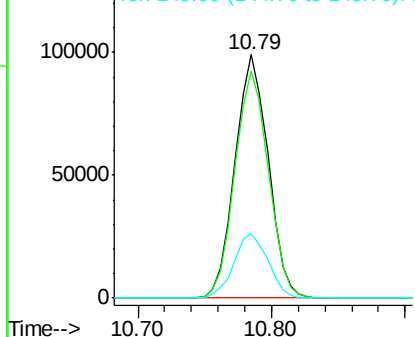


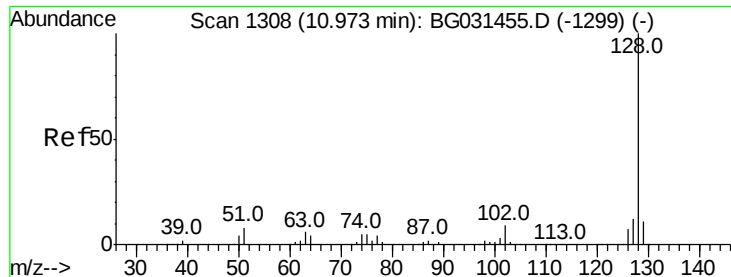
#30
 1,2,4-Trichlorobenzene
 Concen: 40.264 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.5	116.3
145	26.3	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

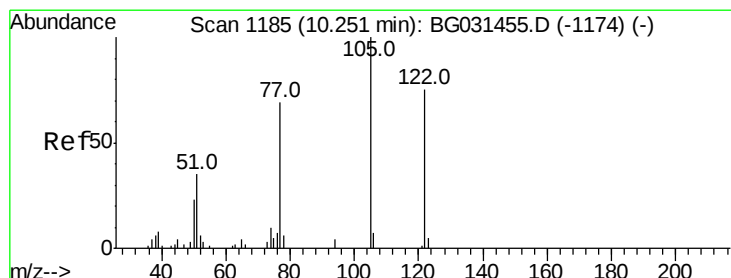
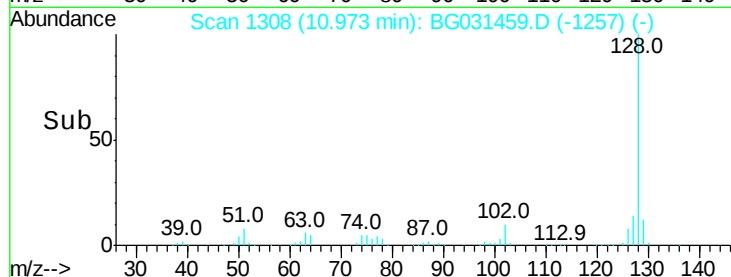
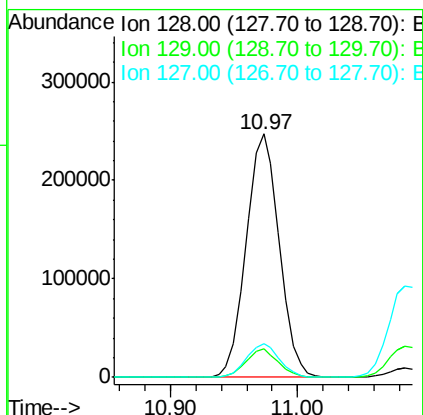
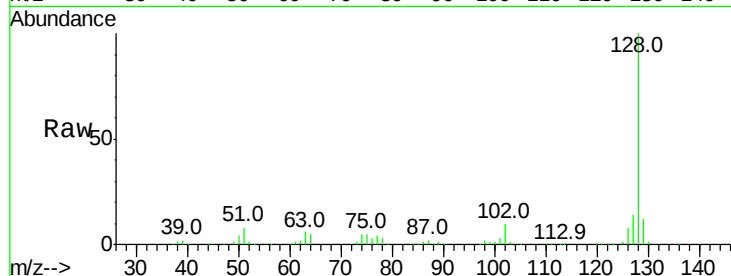




#31
Naphthalene
Concen: 40.161 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

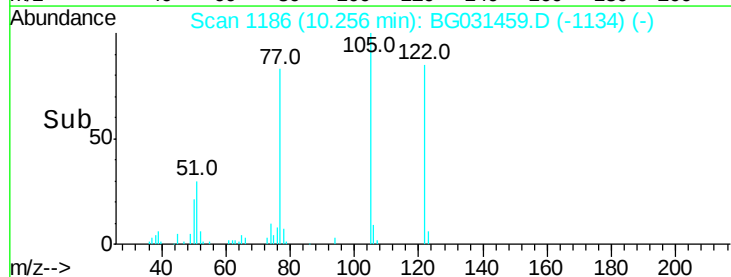
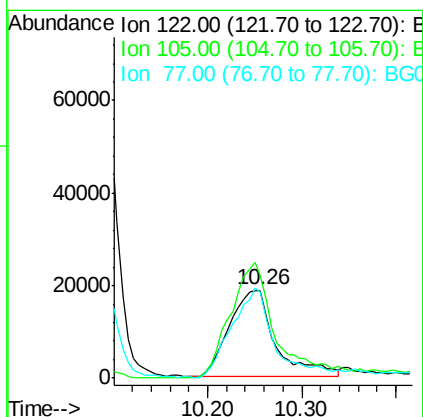
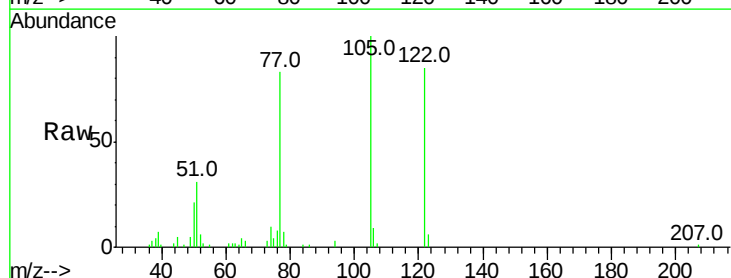
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

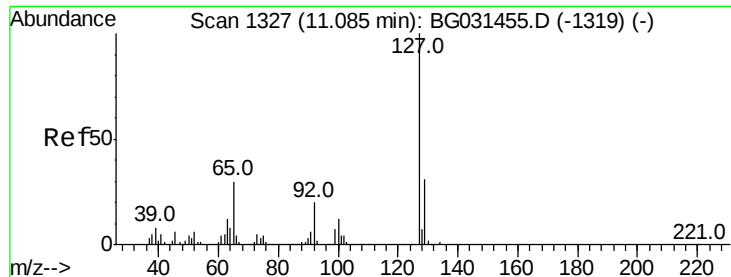
Tot Ion:128 Resp: 446922
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 40.898 ng
RT: 10.26 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion:122 Resp: 63509
Ion Ratio Lower Upper
122 100
105 117.5 123.5 163.5#
77 97.8 85.7 125.7

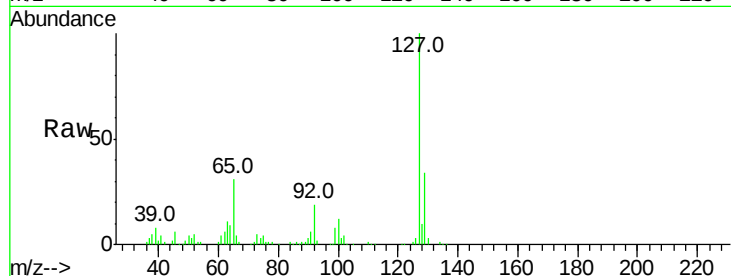




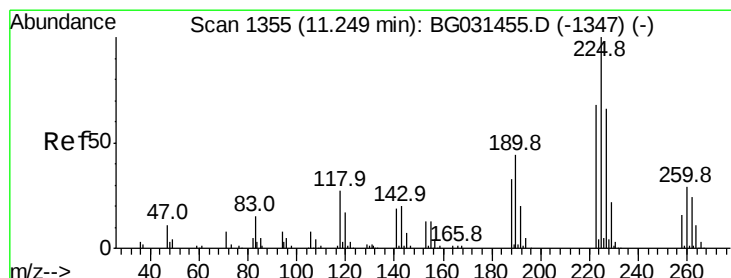
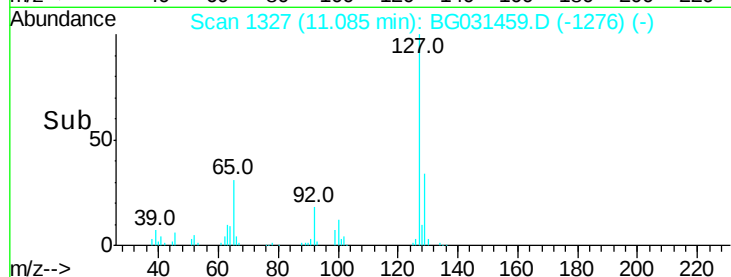
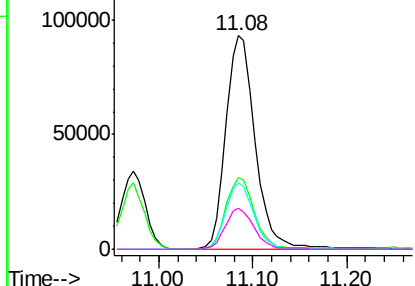
#33
4-Chloroaniline
Concen: 41.686 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :
ICVBG121117

Tot Ion:	127	Resp:	201420
Ion	Ratio	Lower	Upper
127	100		
129	33.7	24.0	36.0
65	30.9	27.0	40.4
92	19.1	16.6	25.0

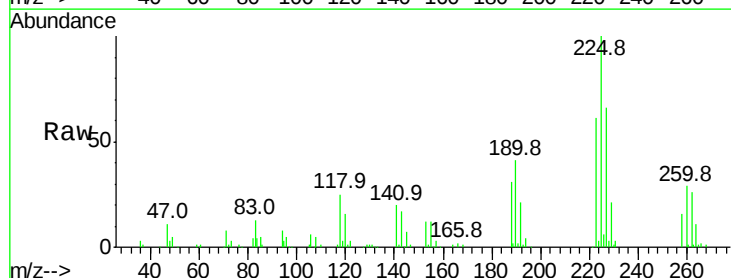


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

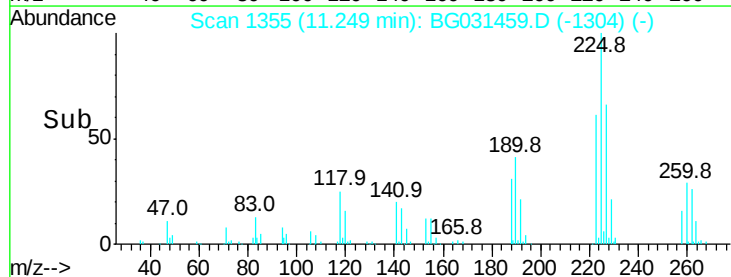
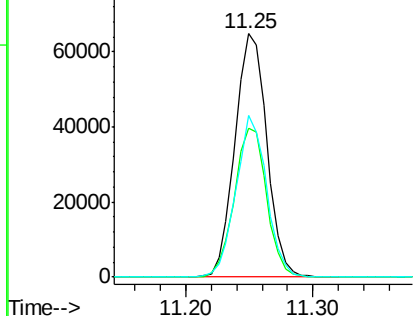


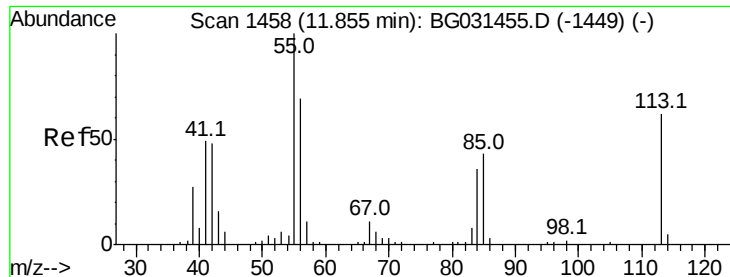
#34
Hexachlorobutadiene
Concen: 40.032 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion:	225	Resp:	113044
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	66.2	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: 42.047 ng

RT: 11.86 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

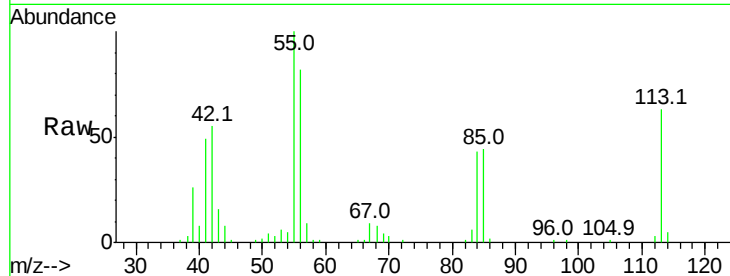
Tot Ion:113 Resp: 55027

Ion Ratio Lower Upper

113 100

55 158.1 186.9 226.9#

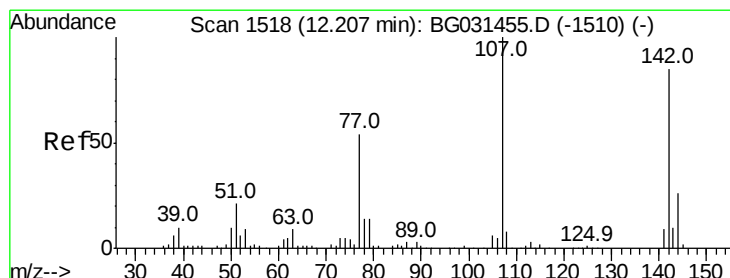
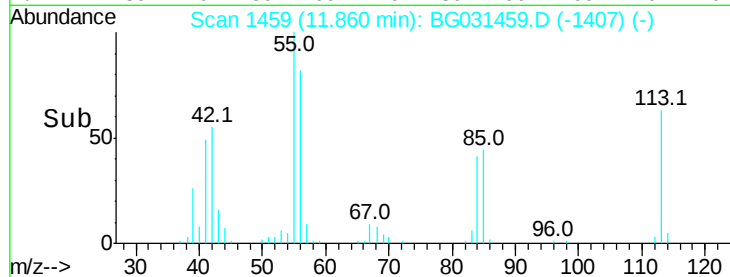
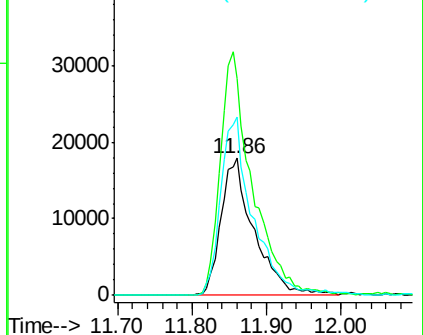
56 129.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.553 ng

RT: 12.21 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

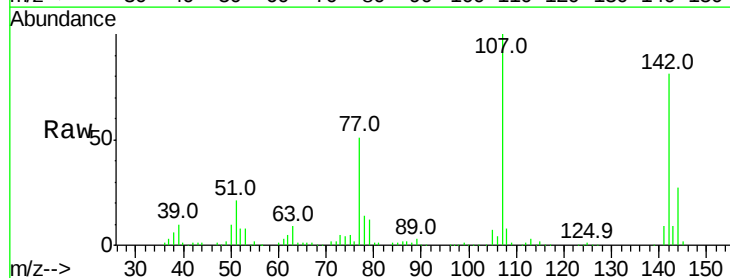
Tgt Ion:107 Resp: 158078

Ion Ratio Lower Upper

107 100

144 27.5 18.2 27.4#

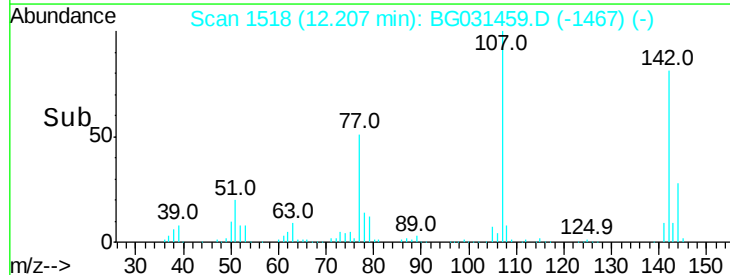
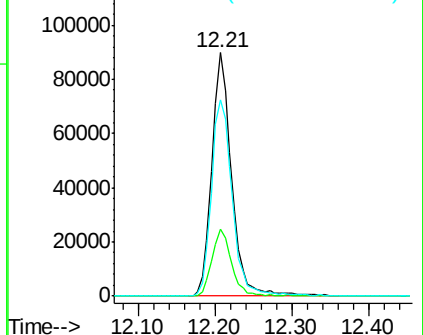
142 80.6 59.0 88.4

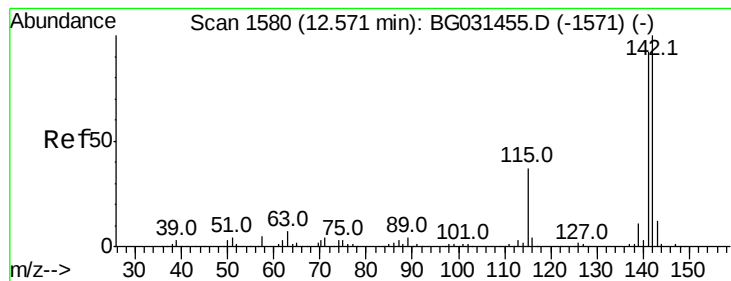


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.160 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

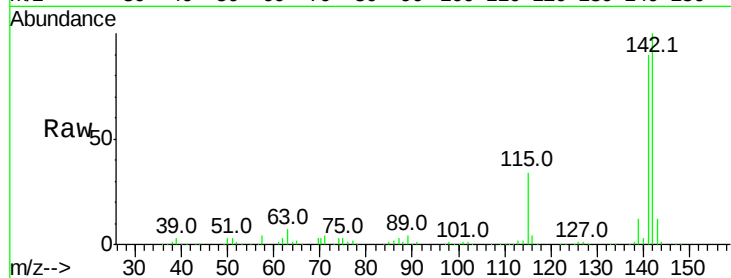
Tot Ion:142 Resp: 354646

Ion Ratio Lower Upper

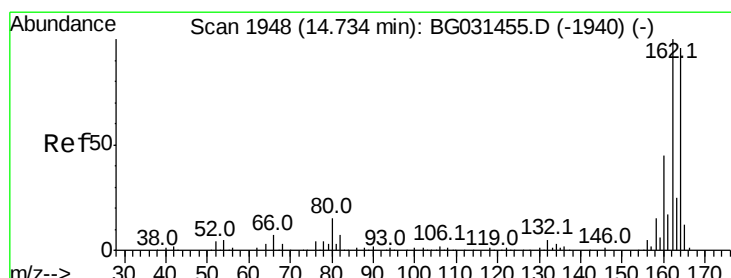
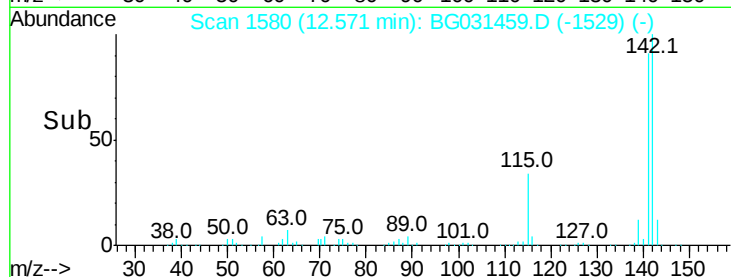
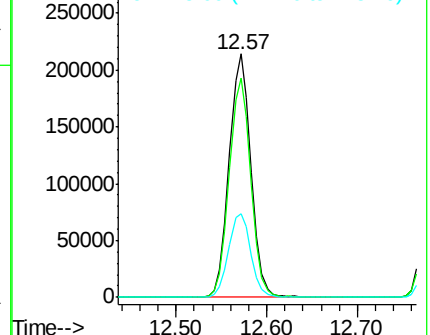
142 100

141 90.3 67.1 100.7

115 34.1 30.7 46.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

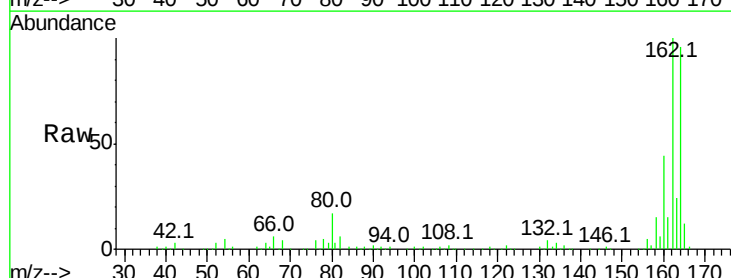
Tgt Ion:164 Resp: 156673

Ion Ratio Lower Upper

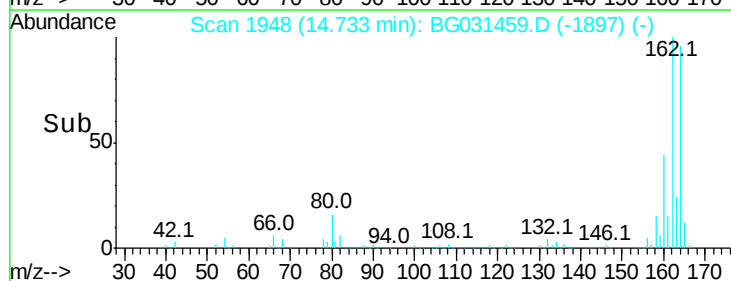
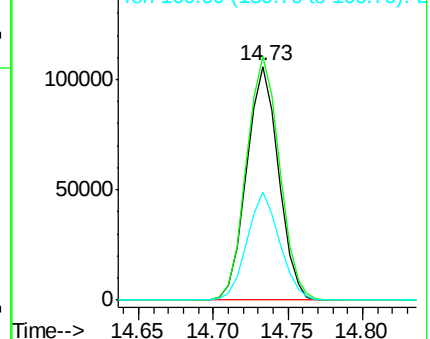
164 100

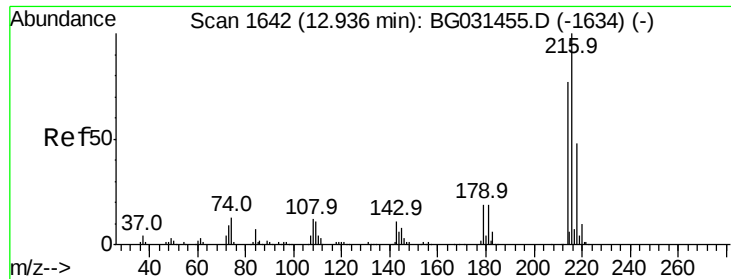
162 104.3 78.8 118.2

160 46.0 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.816 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

Tot Ion:216 Resp: 256048

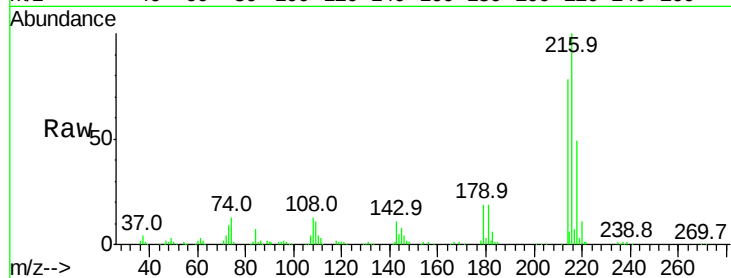
Ion Ratio Lower Upper

216 100

214 76.9 63.0 94.4

179 18.5 17.0 25.6

108 12.9 12.8 19.2

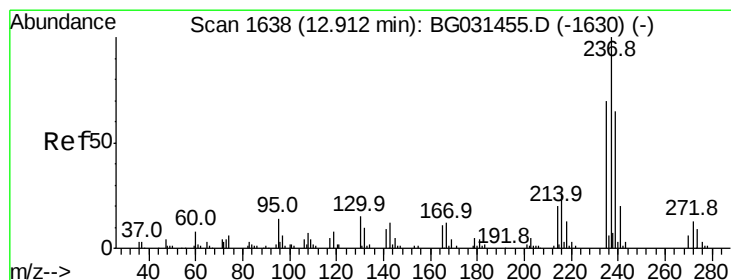
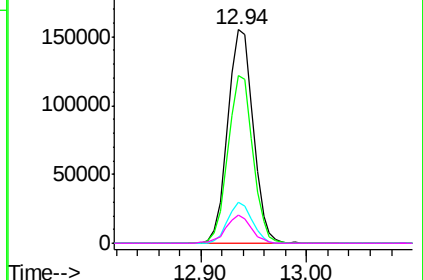
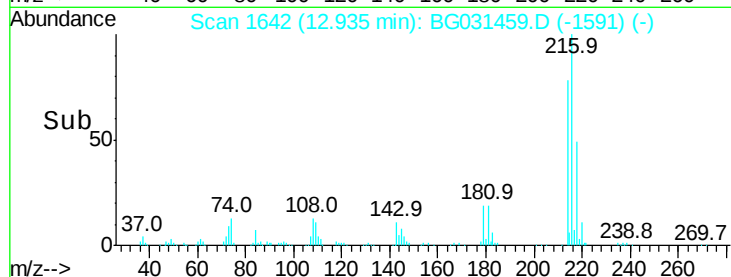


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.959 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

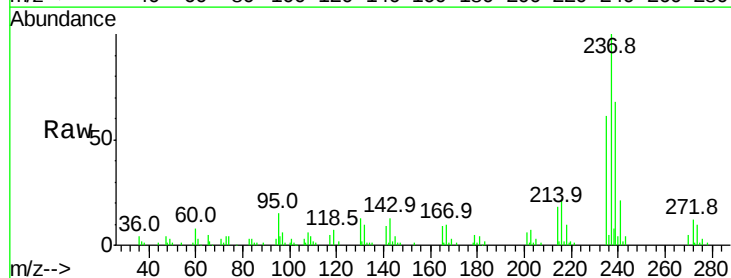
Tgt Ion:237 Resp: 60096

Ion Ratio Lower Upper

237 100

235 60.9 50.4 90.4

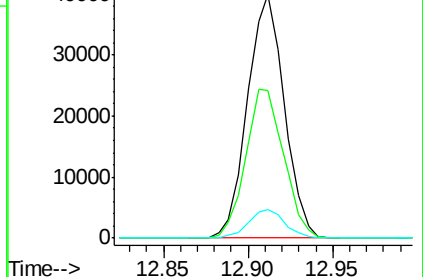
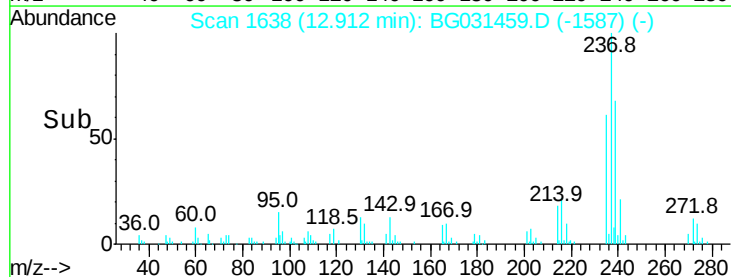
272 11.6 0.0 31.8

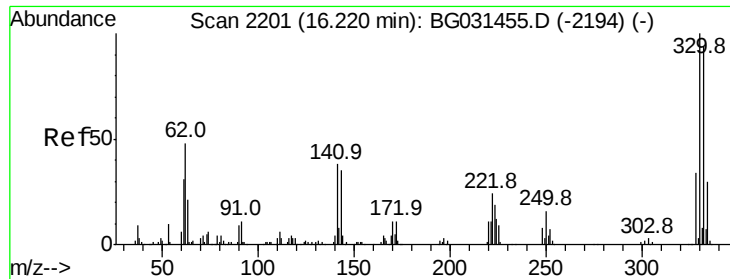


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

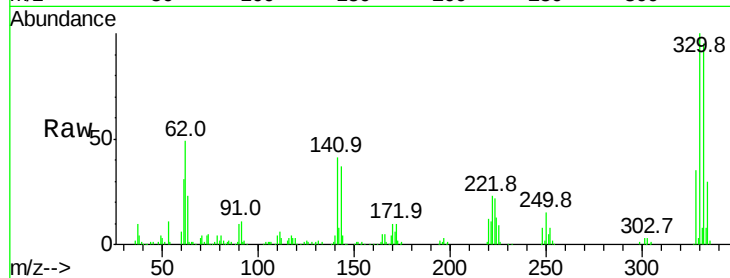




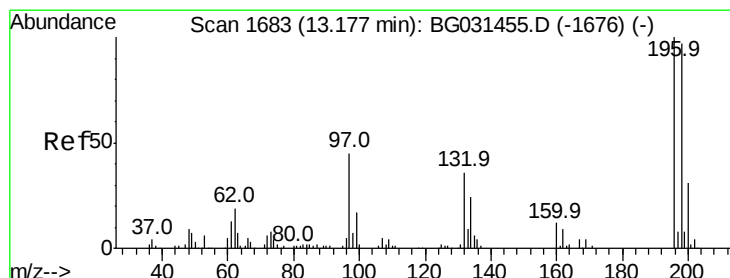
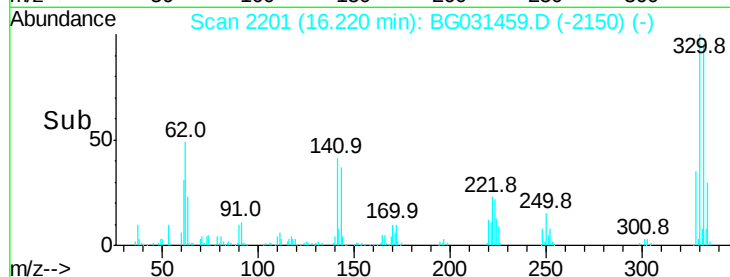
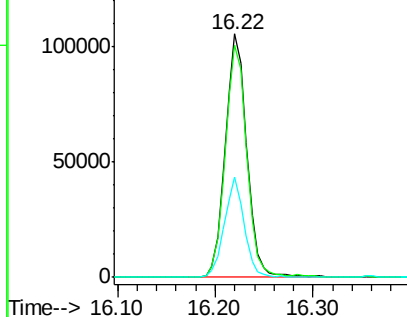
#41
 2,4,6-Tribromophenol
 Concen: 87.814 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	38.0	25.2	37.8#

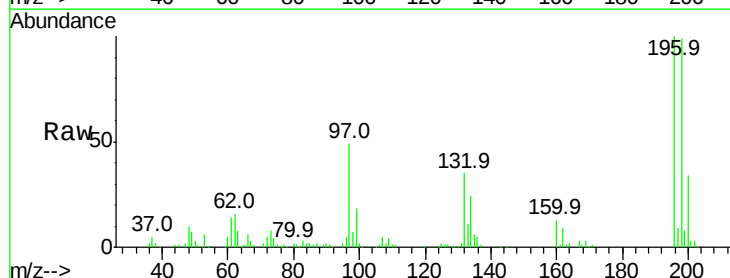


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

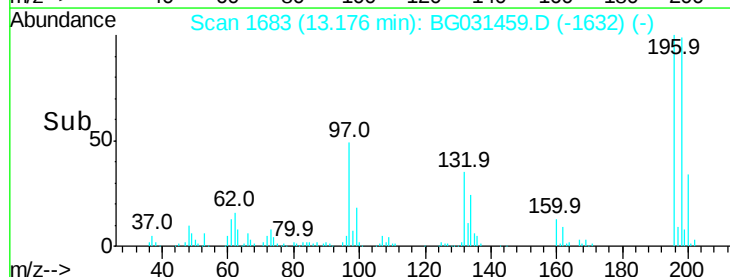
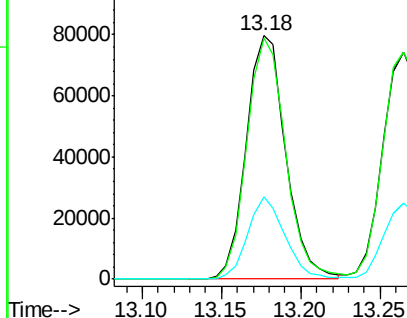


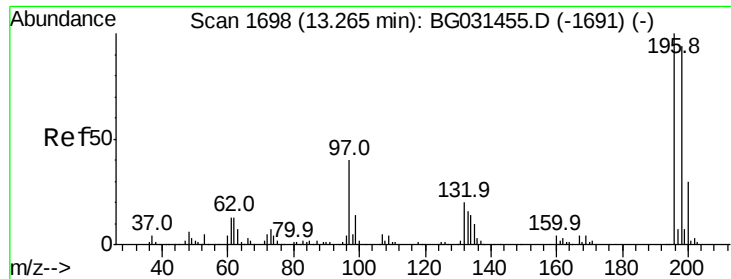
#42
 2,4,6-Trichlorophenol
 Concen: 44.006 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	78.2	117.2
200	34.0	24.6	36.8



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

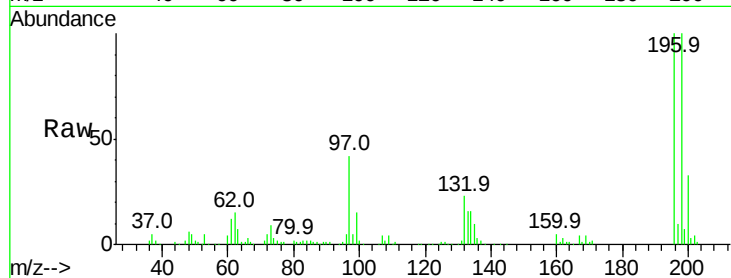




#43
 2,4,5-Trichlorophenol
 Concen: 44.008 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

Tot Ion	196	Resp	148303
Ion Ratio	100	Lower	Upper
196	100		
198	100.0	76.2	114.4
97	41.7	38.7	58.1
132	23.0	20.2	30.2



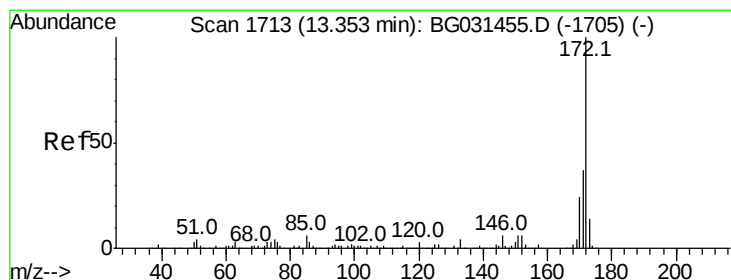
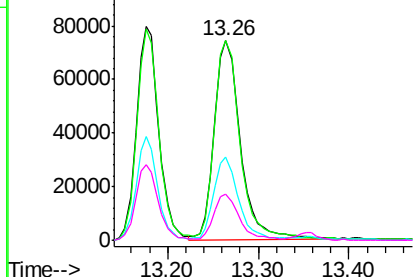
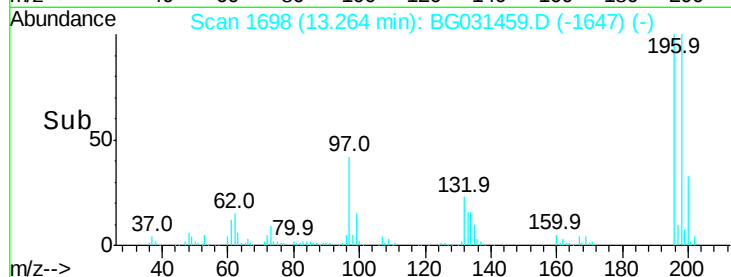
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

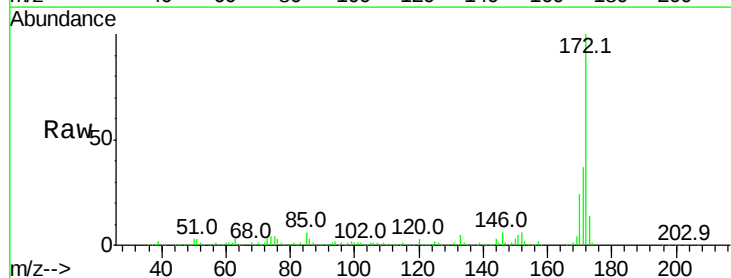
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.500 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion	172	Resp	880560
Ion Ratio	100	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.5	19.5	29.3

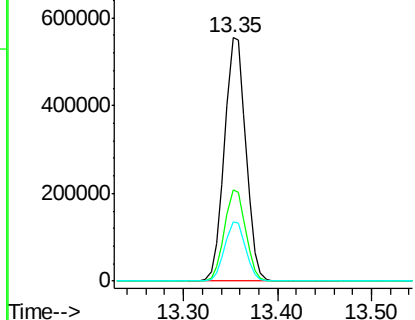
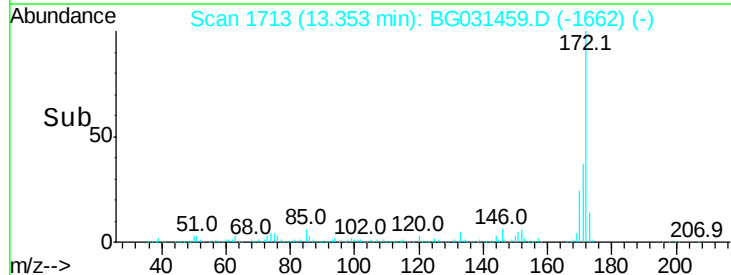


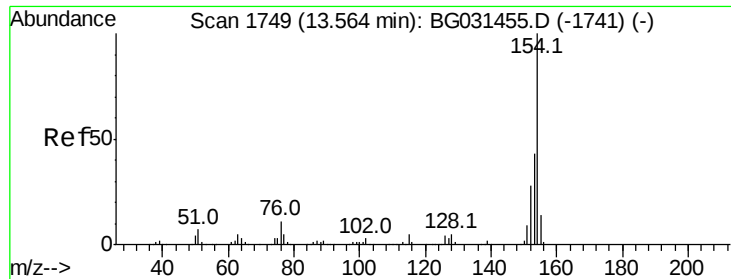
Abundance

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

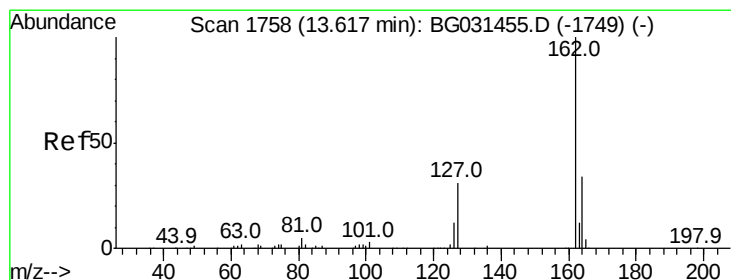
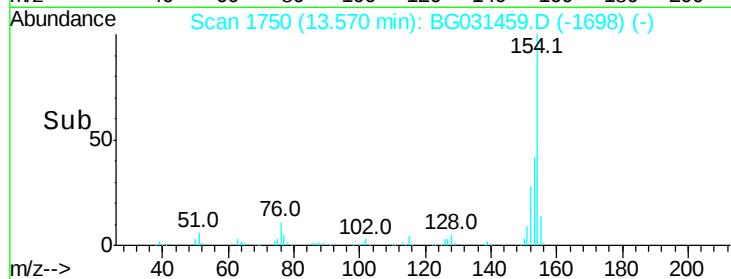
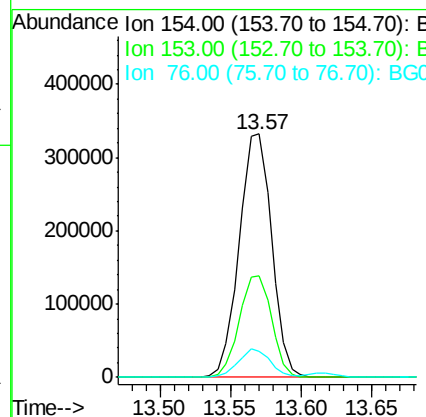
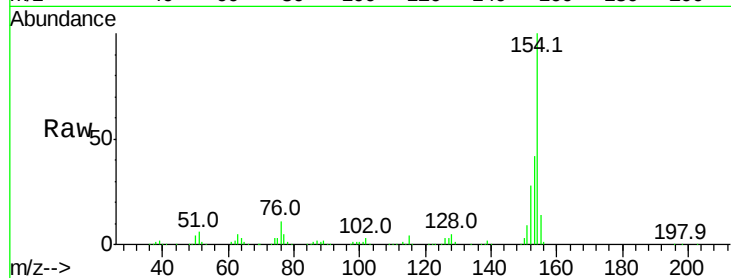




#45
 1,1'-Biphenyl
 Concen: 41.494 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. 0.01 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

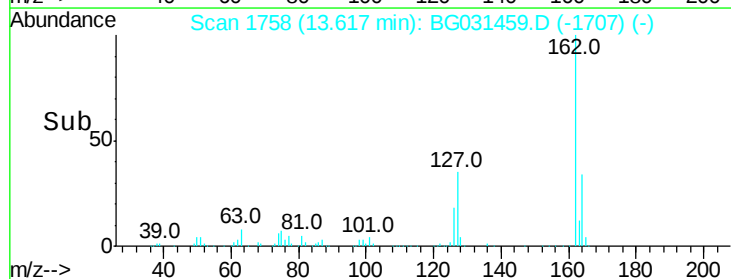
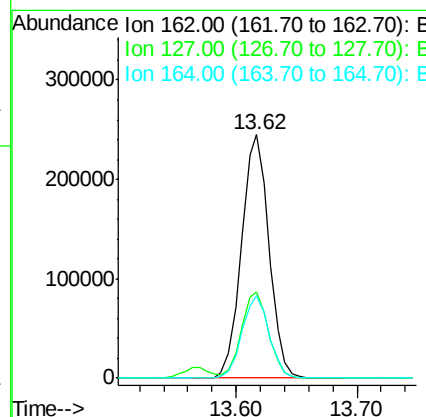
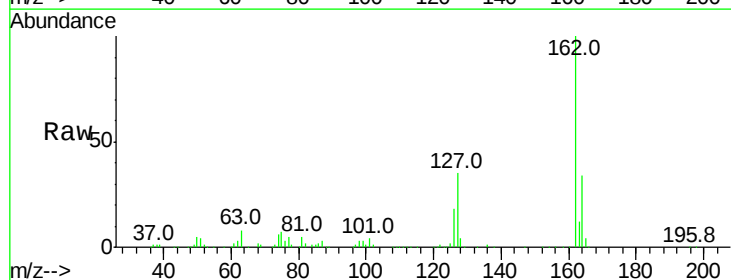
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

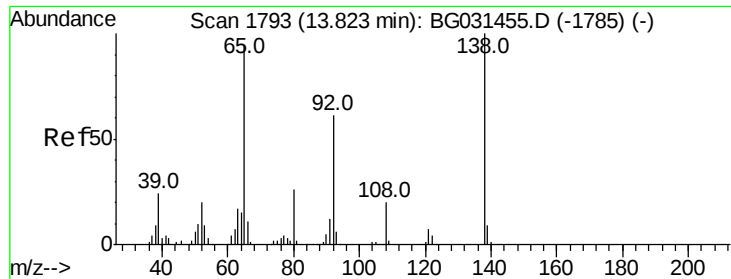
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	10.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.188 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.2	30.7	46.1
164	33.8	26.0	39.0

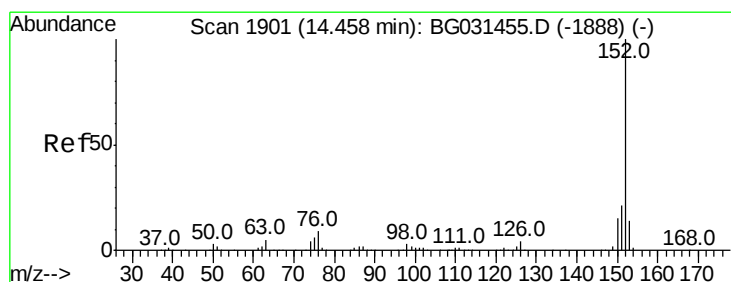
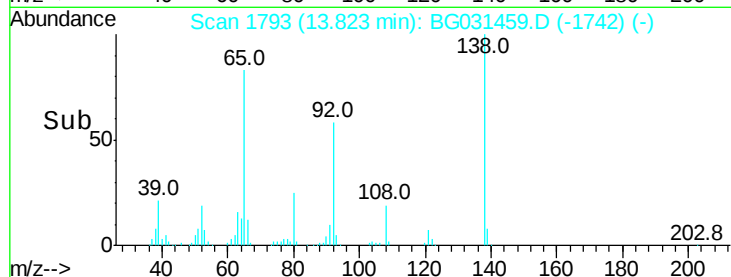
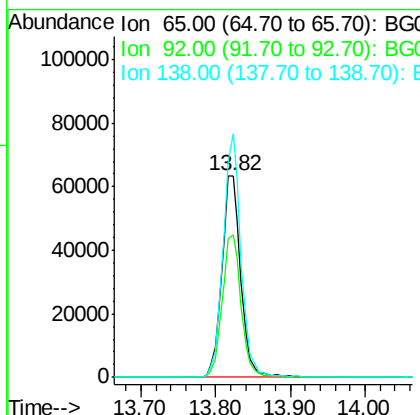
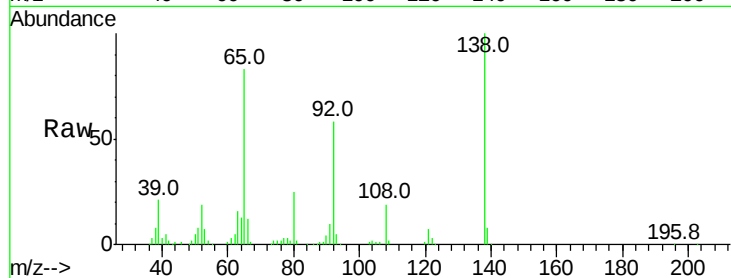




#47
2-Nitroaniline
Concen: 42.270 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

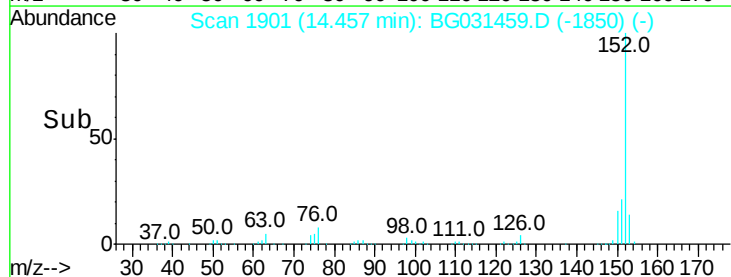
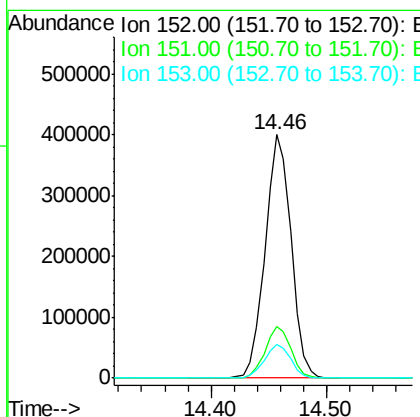
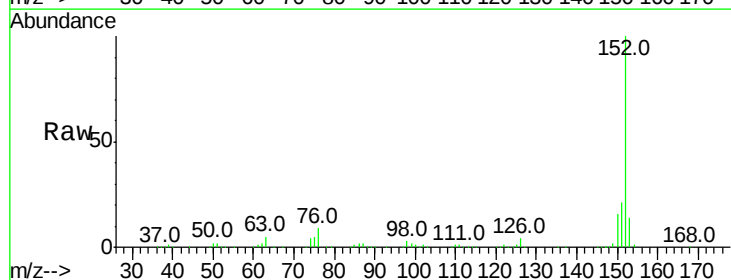
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

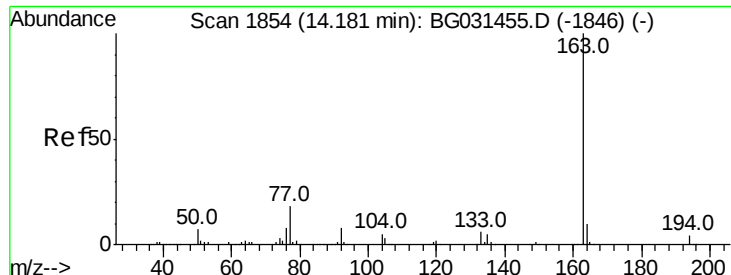
Tot Ion: 65 Resp: 111871
Ion Ratio Lower Upper
65 100
92 70.5 54.6 82.0
138 120.7 72.9 109.3#



#48
Acenaphthylene
Concen: 41.483 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion: 152 Resp: 628676
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 41.785 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

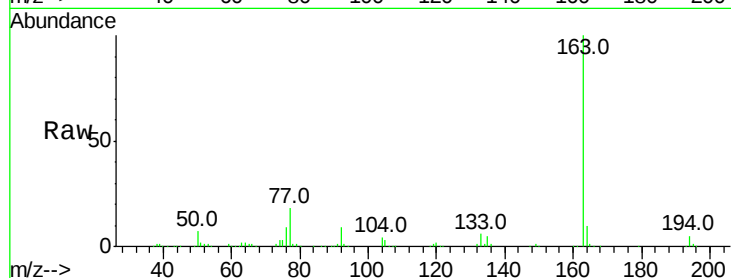
Tot Ion:163 Resp: 541982

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

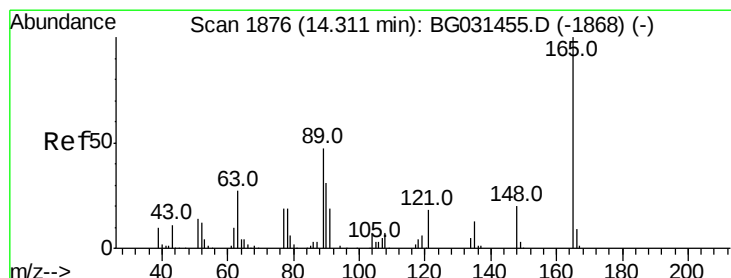
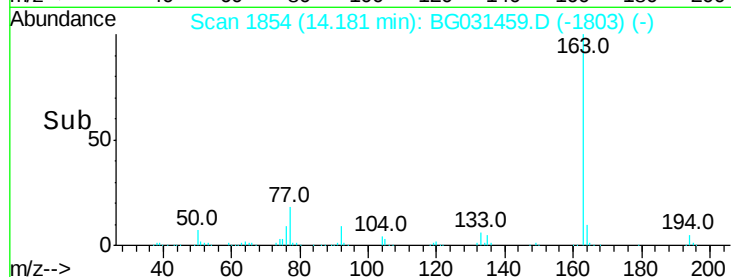
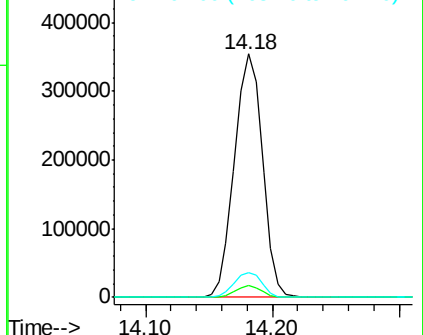
164 10.2 8.2 12.4



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: 41.875 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

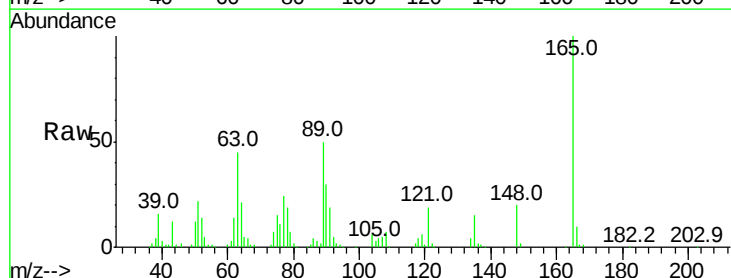
Tgt Ion:165 Resp: 116096

Ion Ratio Lower Upper

165 100

63 45.4 52.7 79.1#

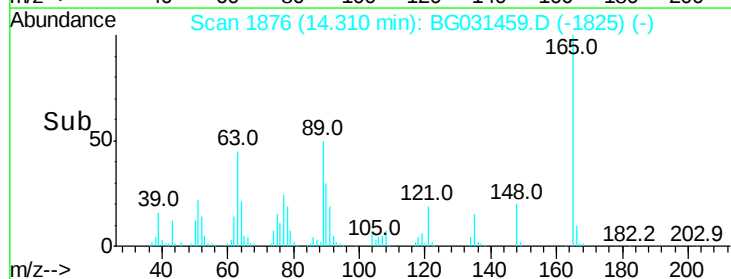
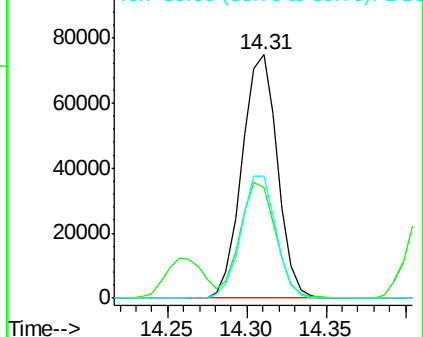
89 50.2 49.2 73.8

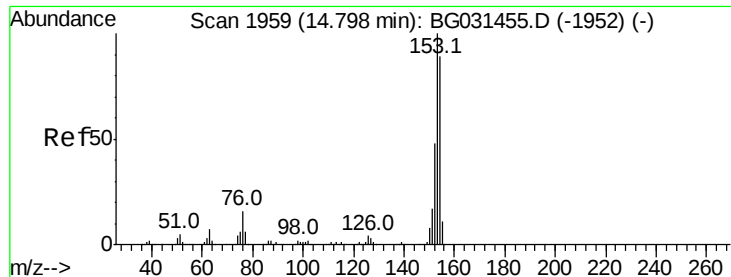


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.311 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

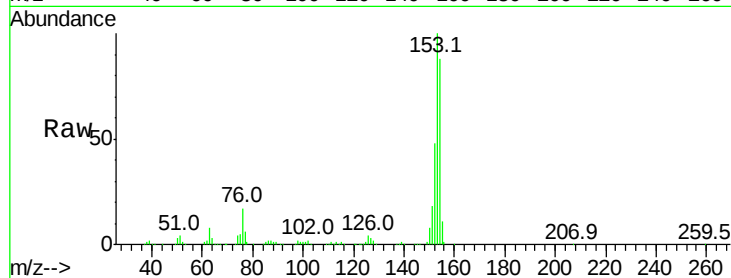
Tot Ion:154 Resp: 395862

Ion Ratio Lower Upper

154 100

153 113.3 90.4 135.6

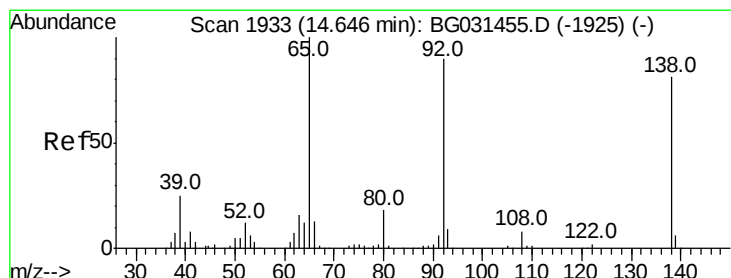
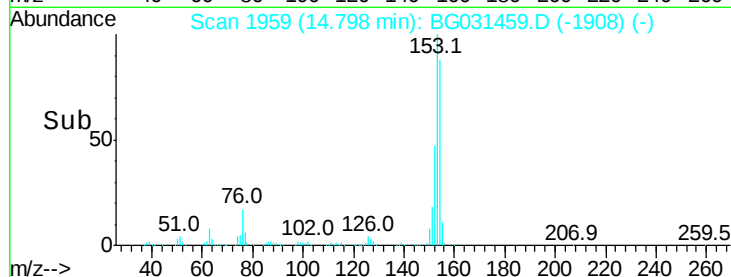
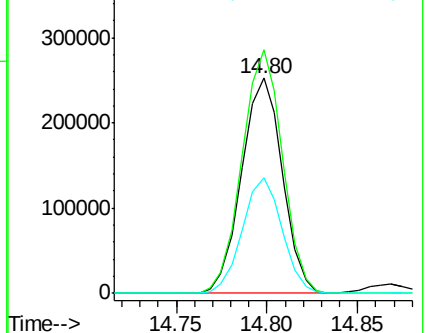
152 53.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.567 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

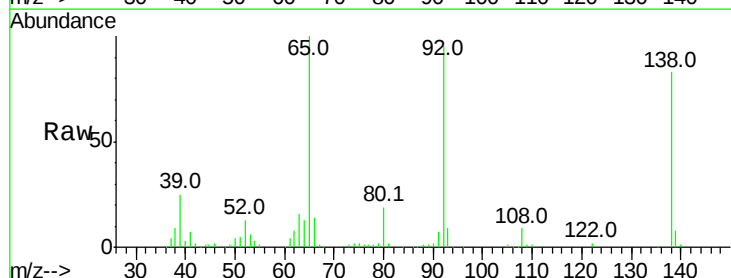
Tgt Ion:138 Resp: 117478

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

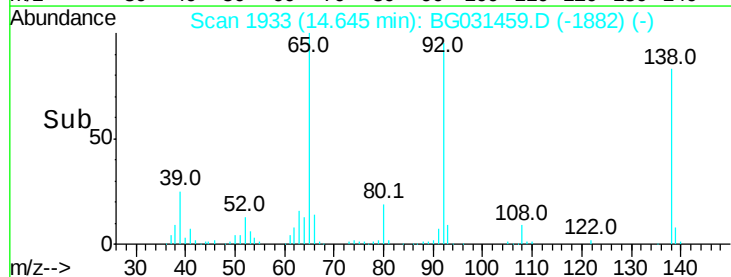
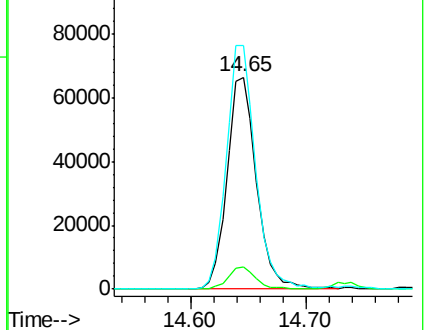
92 114.8 105.8 158.8

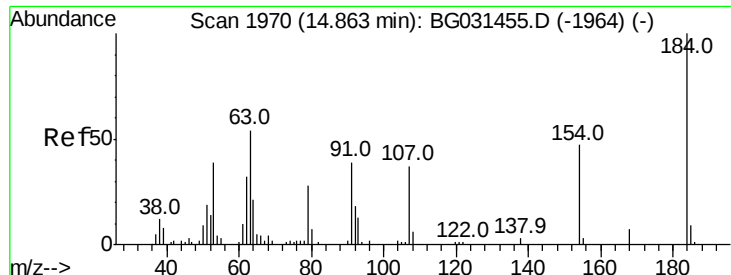


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

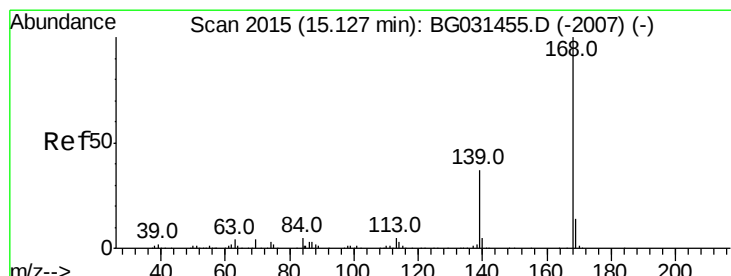
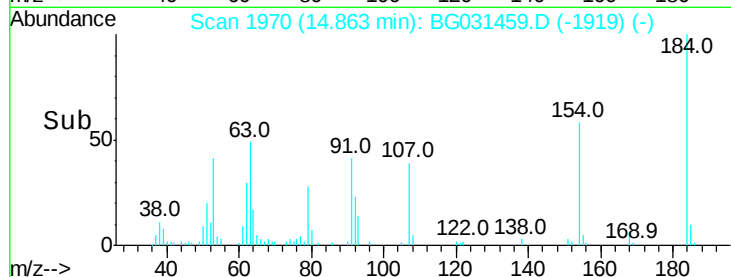
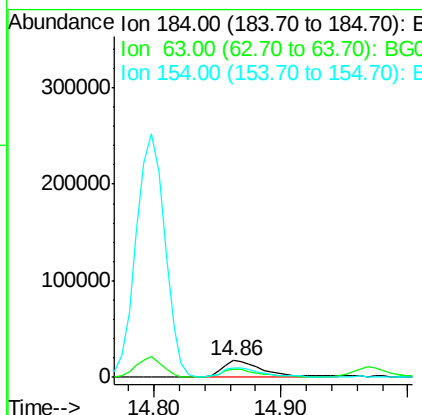
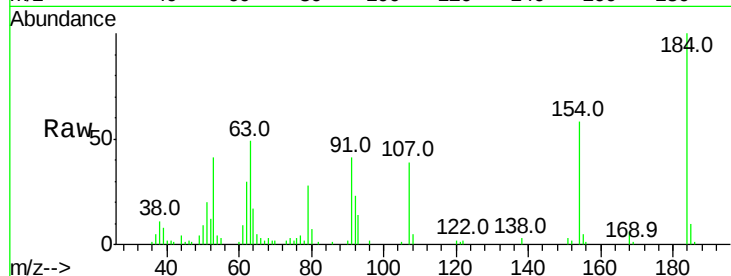




#53
 2,4-Dinitrophenol
 Concen: 39.108 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

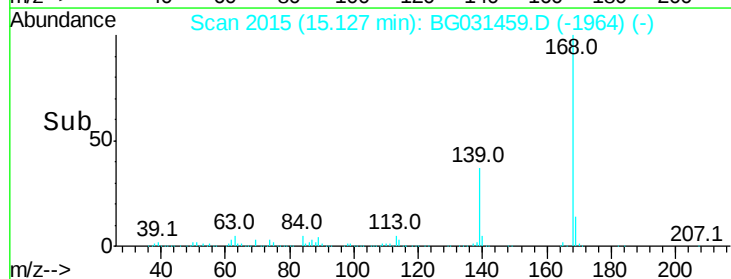
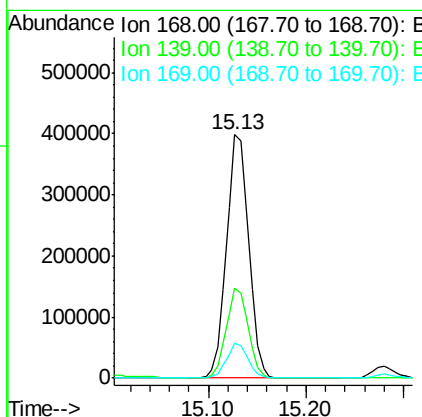
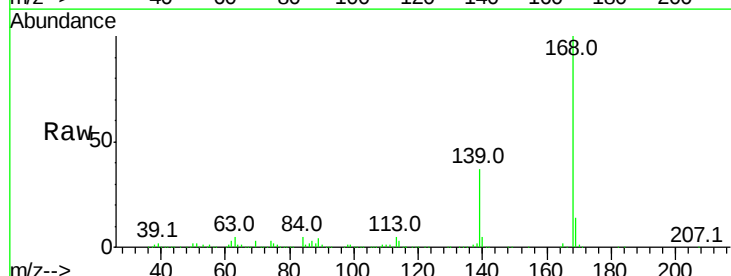
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

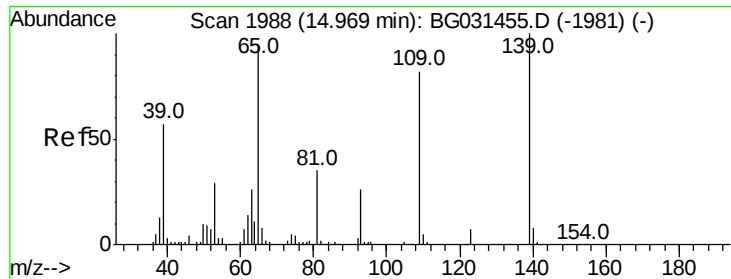
Tot Ion:184 Resp: 39212
 Ion Ratio Lower Upper
 184 100
 63 49.5 59.8 89.8#
 154 58.0 101.8 152.8#



#54
 Dibenzofuran
 Concen: 41.045 ng
 RT: 15.13 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion:168 Resp: 627631
 Ion Ratio Lower Upper
 168 100
 139 36.8 28.6 43.0
 169 14.3 11.2 16.8





#55

4-Nitrophenol

Concen: 41.936 ng

RT: 14.97 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

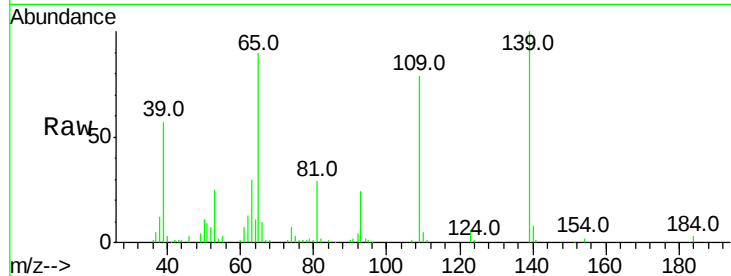
Tot Ion:139 Resp: 76716

Ion Ratio Lower Upper

139 100

109 78.7 62.2 102.2

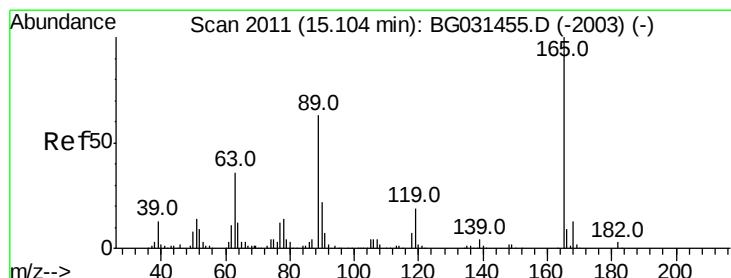
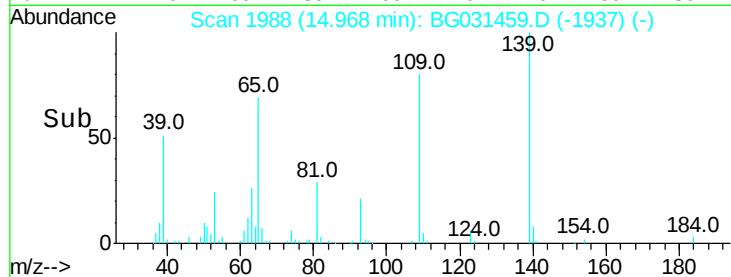
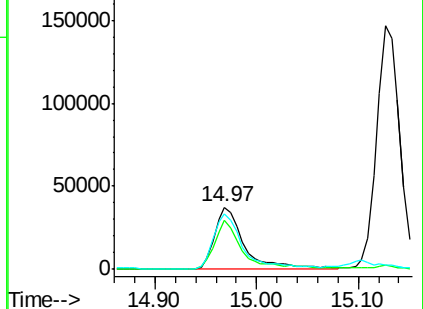
65 89.9 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 41.622 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Tgt Ion:165 Resp: 163901

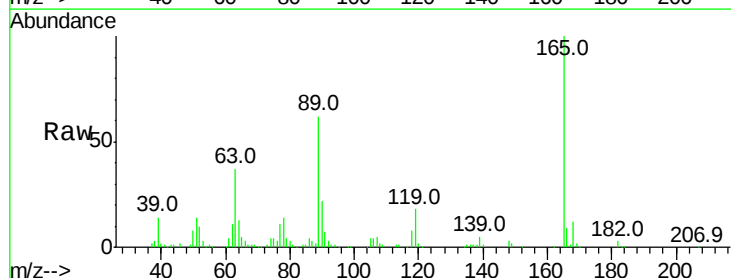
Ion Ratio Lower Upper

165 100

63 37.1 42.0 63.0#

89 61.6 66.9 100.3#

182 3.0 2.6 3.8

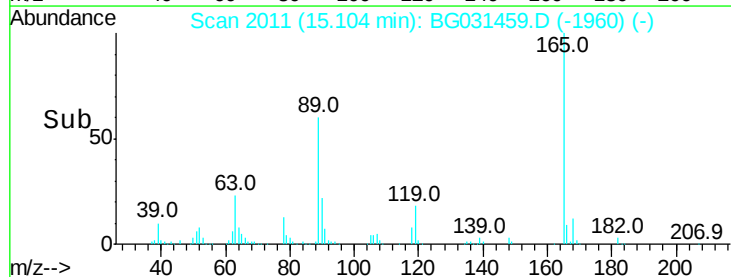
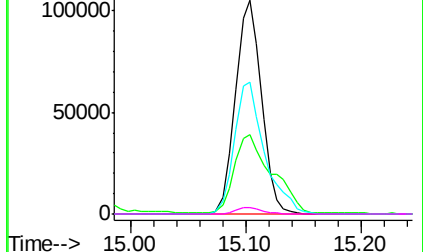


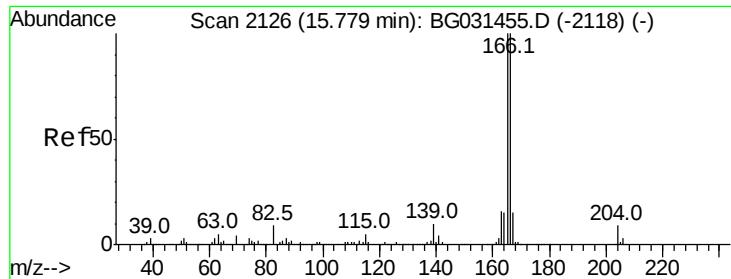
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.685 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

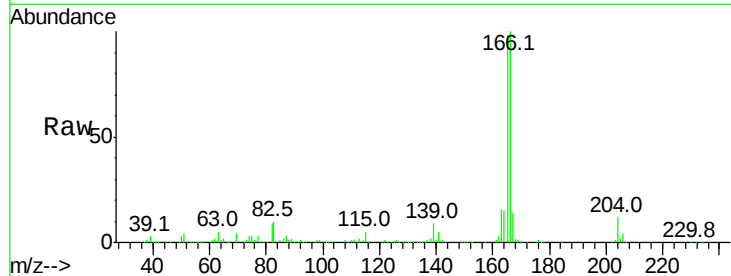
Tot Ion:166 Resp: 510744

Ion Ratio Lower Upper

166 100

165 98.4 80.6 121.0

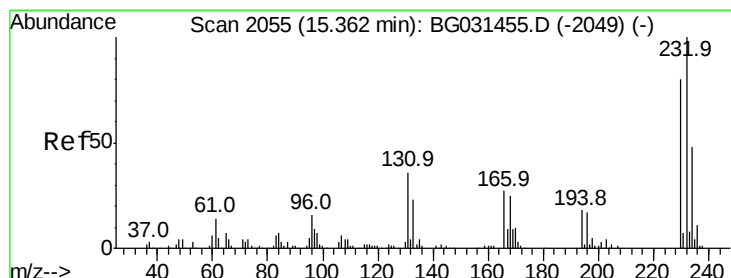
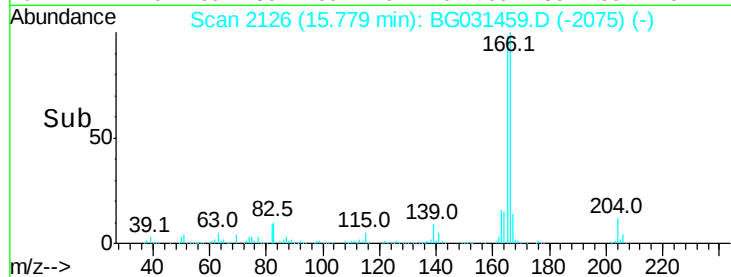
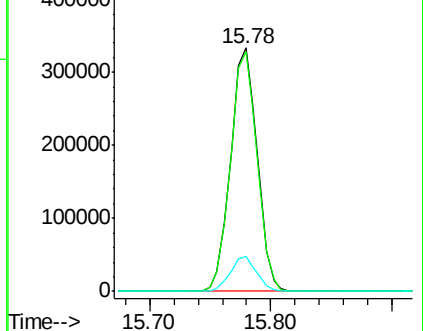
167 14.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.580 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Tgt Ion:232 Resp: 138044

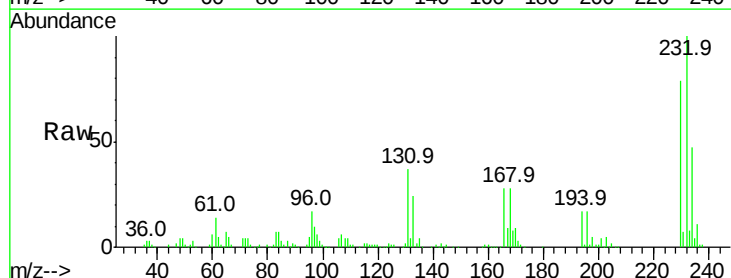
Ion Ratio Lower Upper

232 100

131 35.3 33.5 50.3

130 2.0 2.2 3.2#

166 27.6 24.8 37.2

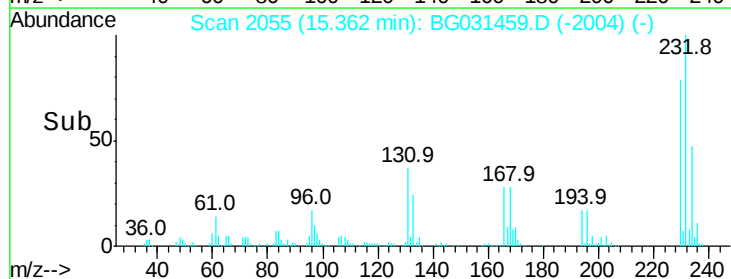
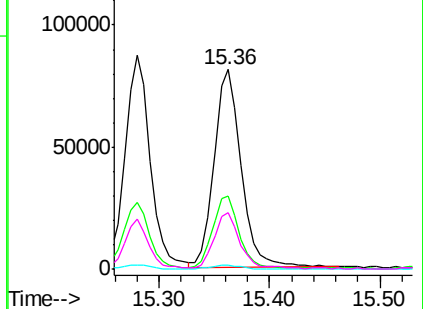


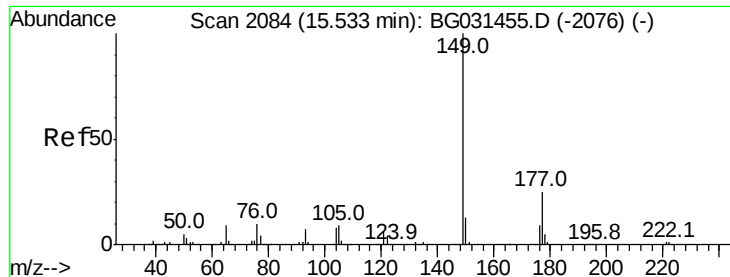
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

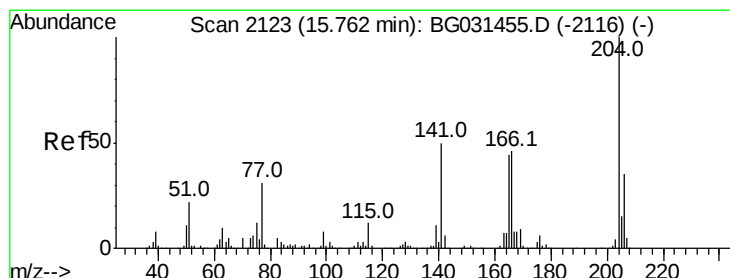
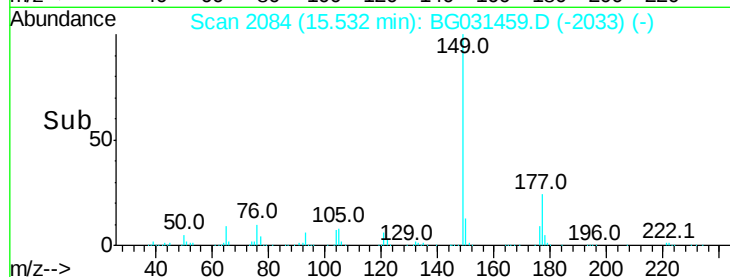
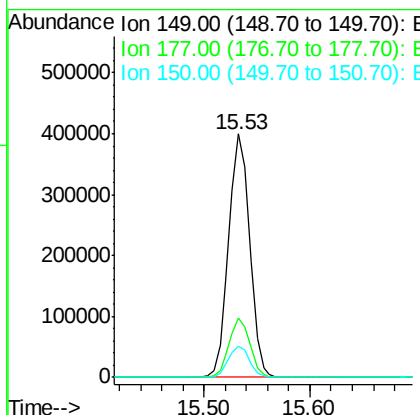
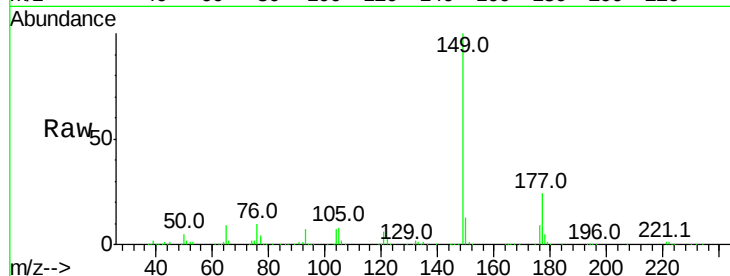




#59
Diethylphthalate
Concen: 42.128 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

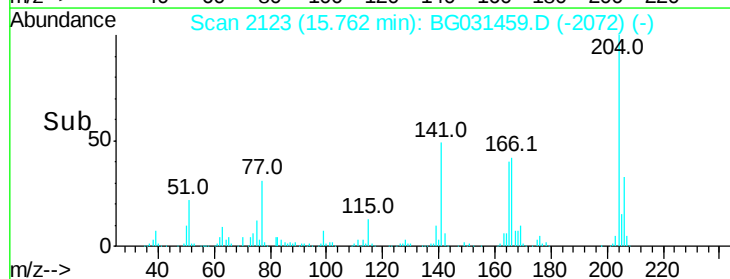
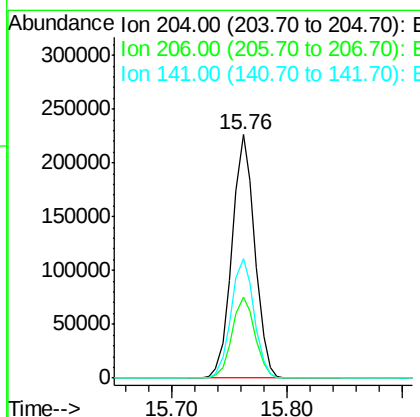
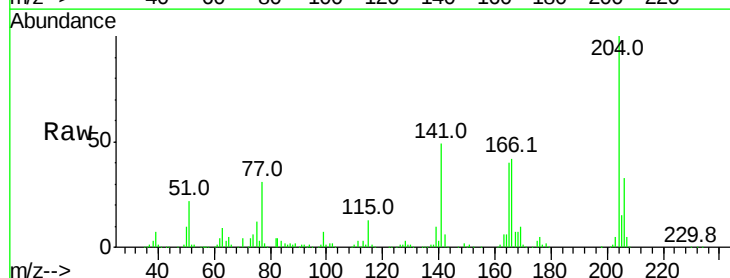
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

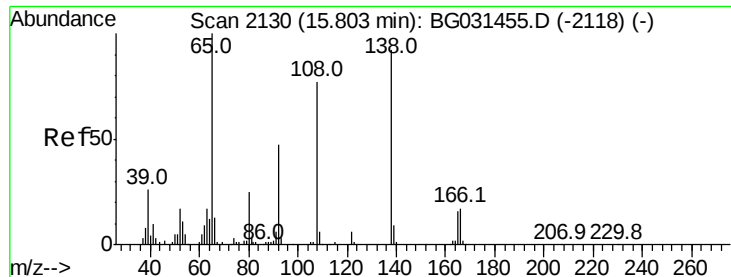
Tot Ion:149 Resp: 547728
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.006 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion:204 Resp: 307391
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 49.1 45.8 68.6

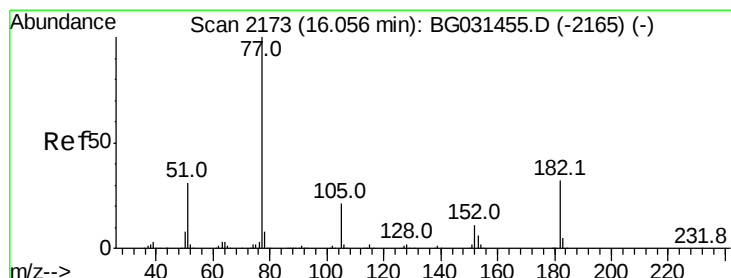
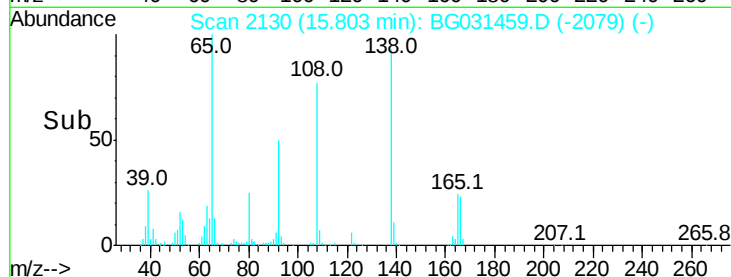
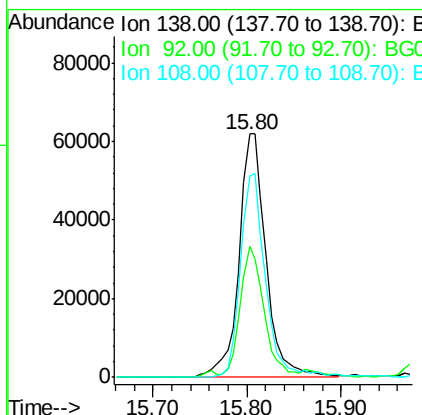
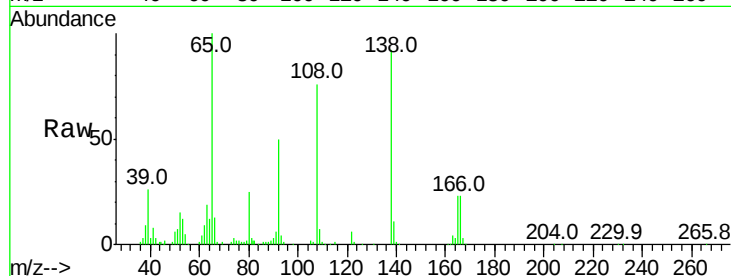




#61
4-Nitroaniline
Concen: 41.631 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

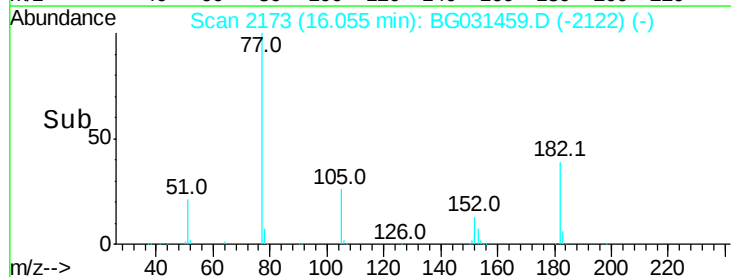
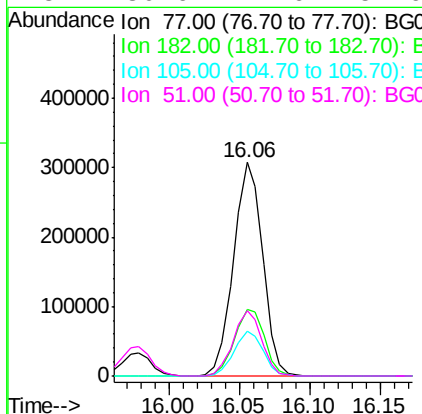
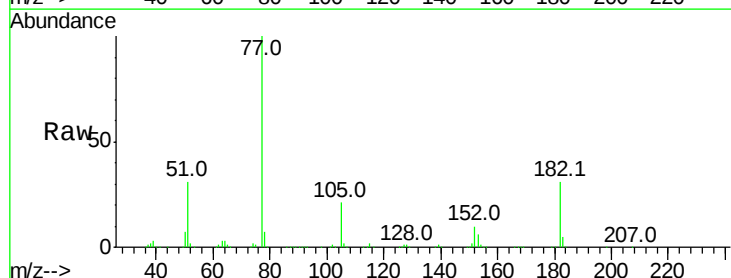
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

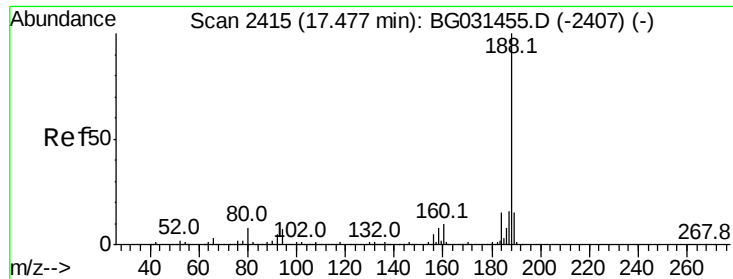
Tot Ion:138 Resp: 123472
Ion Ratio Lower Upper
138 100
92 53.9 40.1 80.1
108 82.6 65.4 105.4



#62
Azobenzene
Concen: 40.857 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion: 77 Resp: 440036
Ion Ratio Lower Upper
77 100
182 31.1 7.4 47.4
105 21.1 0.3 40.3
51 30.6 11.6 51.6

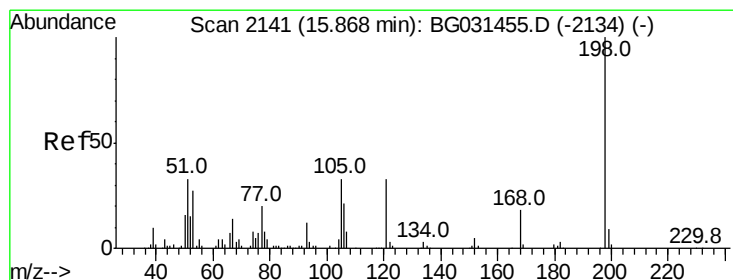
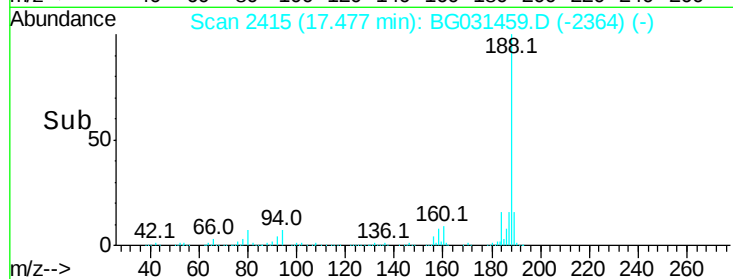
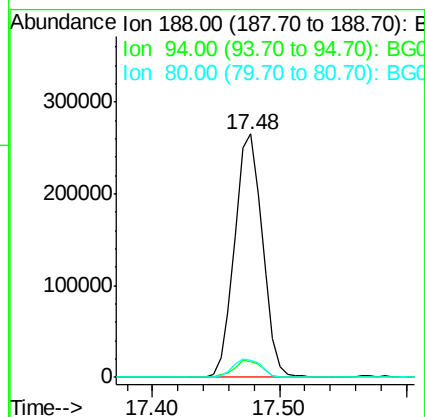
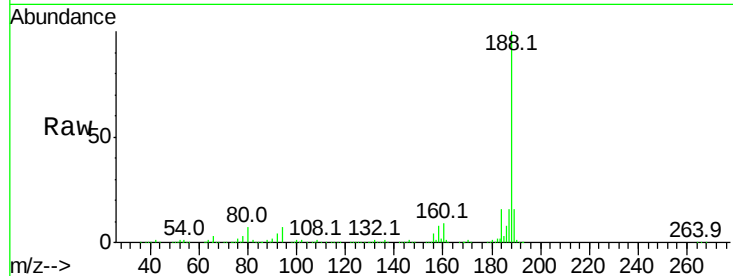




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

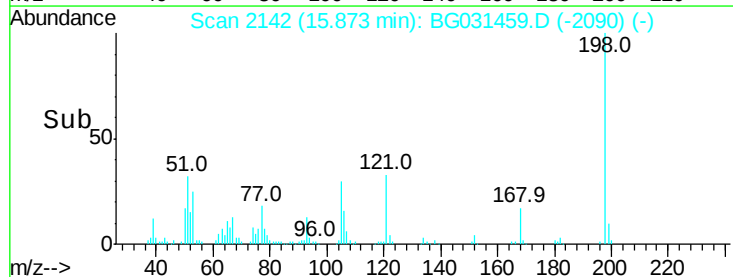
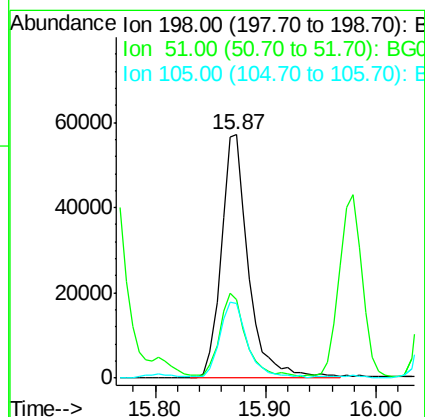
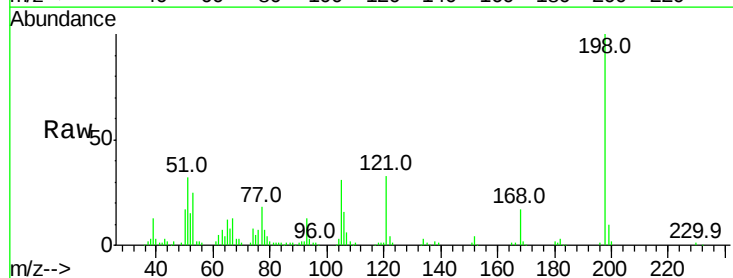
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

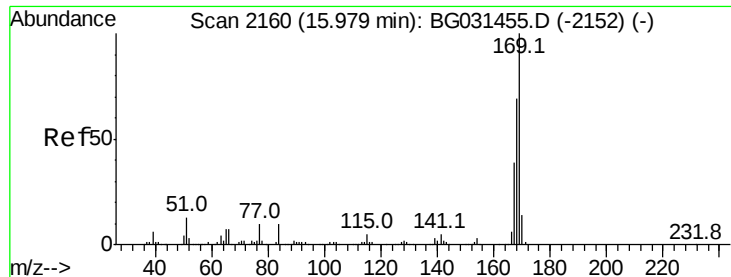
Tot Ion:188 Resp: 401724
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.076 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion:198 Resp: 97959
Ion Ratio Lower Upper
198 100
51 32.1 30.6 70.6
105 30.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 41.849 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

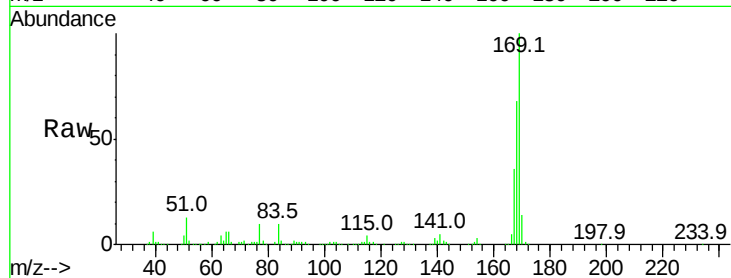
BNA_G

ClientSampleId :

ICVBG121117

Tot Ion:169 Resp: 492080

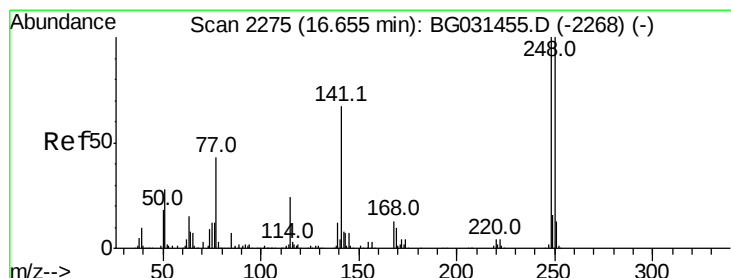
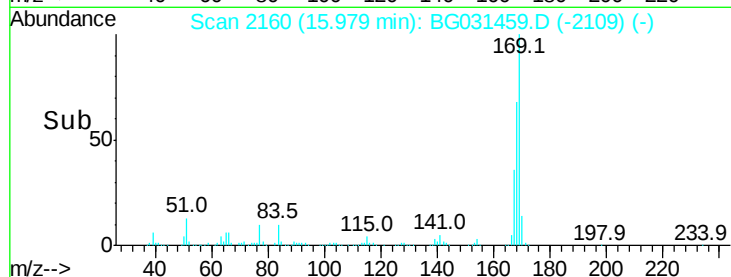
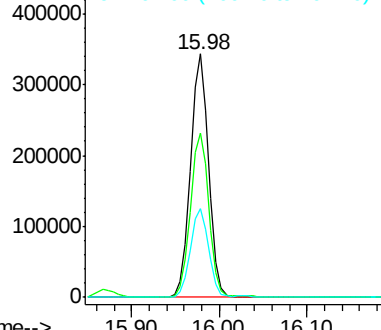
Ion	Ratio	Lower	Upper
169	100		
168	67.6	55.7	83.5
167	36.4	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.089 ng

RT: 16.65 min Scan# 2275

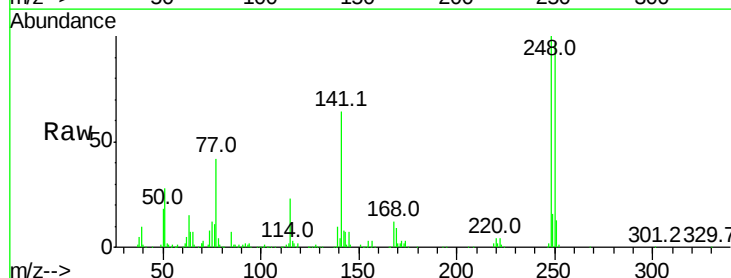
Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Tgt Ion:248 Resp: 191943

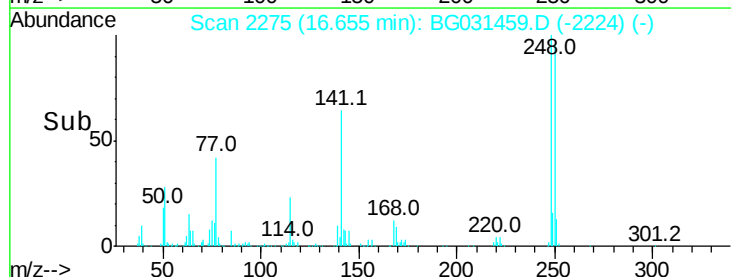
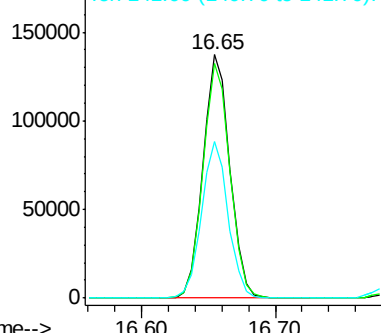
Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.1	115.7
141	64.2	50.8	76.2

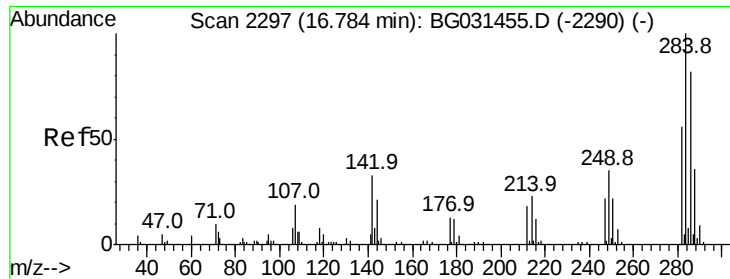


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

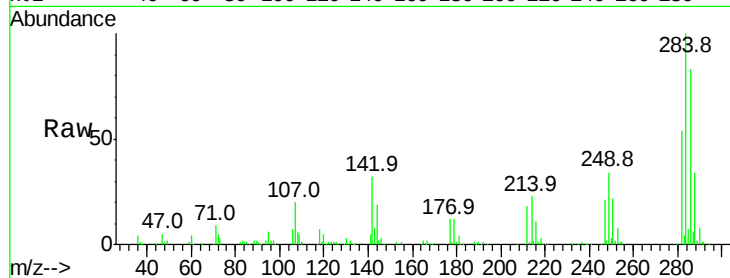




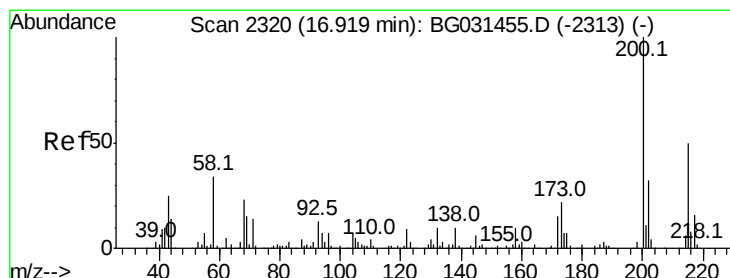
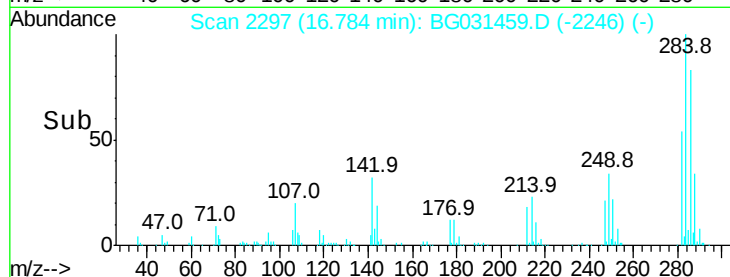
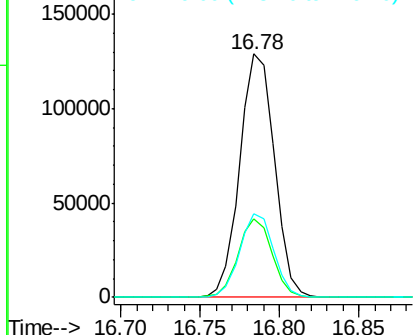
#67
Hexachlorobenzene
Concen: 40.621 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Instrument :
BNA_G
ClientSampleId :
ICVBG121117

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.1	26.8	40.2
249	34.2	26.3	39.5

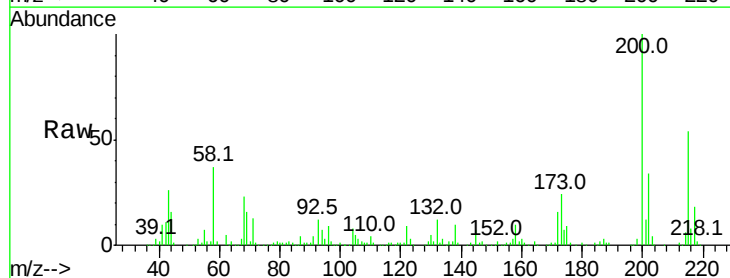


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

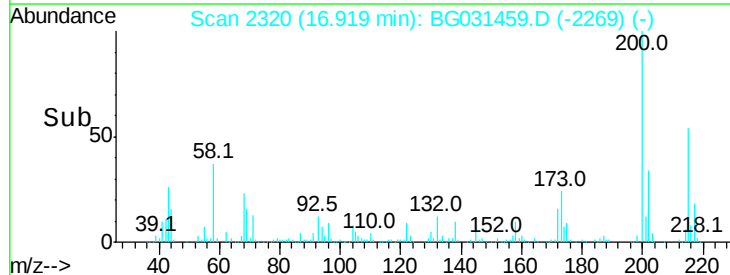
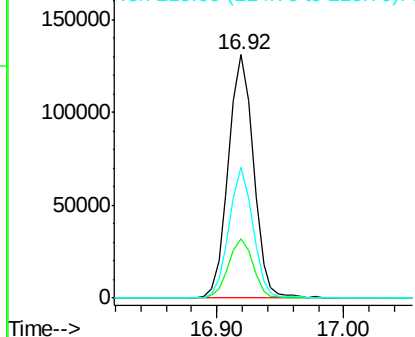


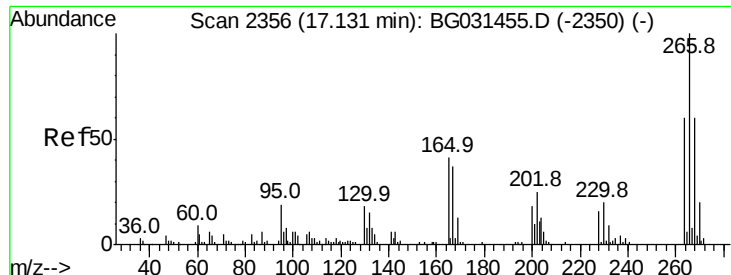
#68
Atrazine
Concen: 41.973 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	5.2	45.2
215	53.6	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: 39.733 ng

RT: 17.14 min Scan# 2357

Delta R.T. 0.01 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

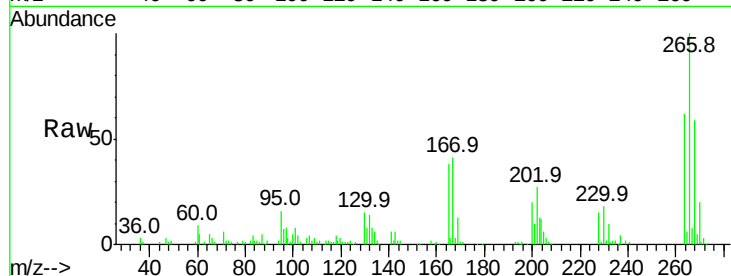
Tot Ion:266 Resp: 85018

Ion Ratio Lower Upper

266 100

268 59.5 51.1 76.7

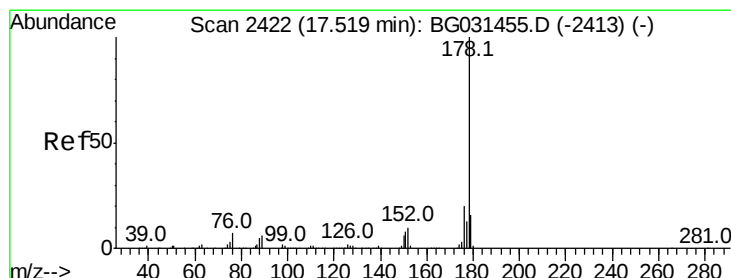
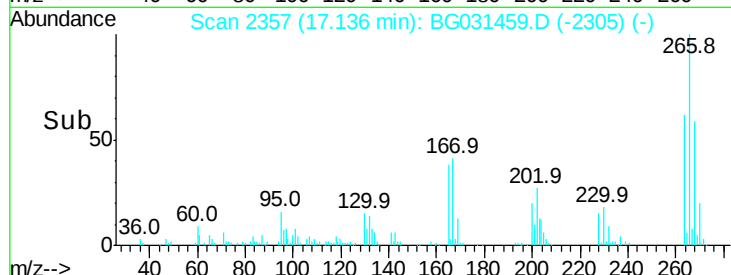
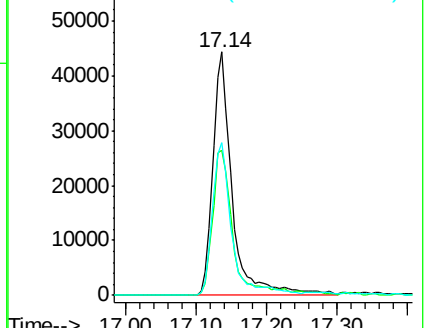
264 62.5 49.6 74.4



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: 40.031 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

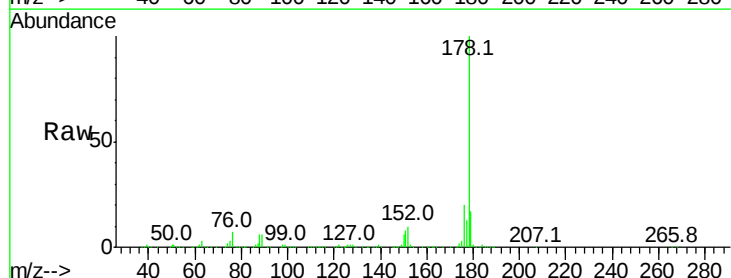
Tgt Ion:178 Resp: 839863

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

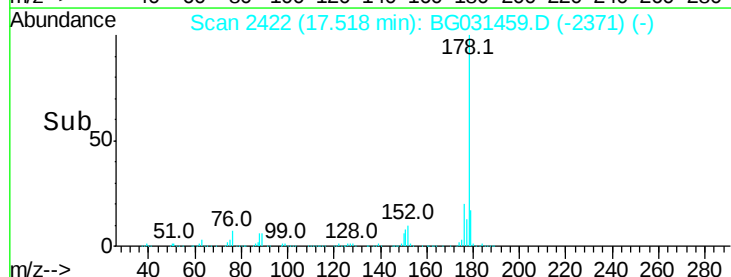
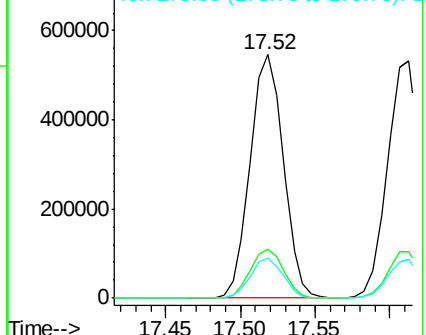
179 16.6 12.5 18.7

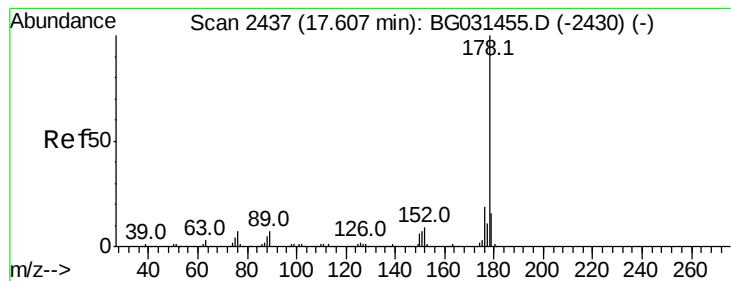


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

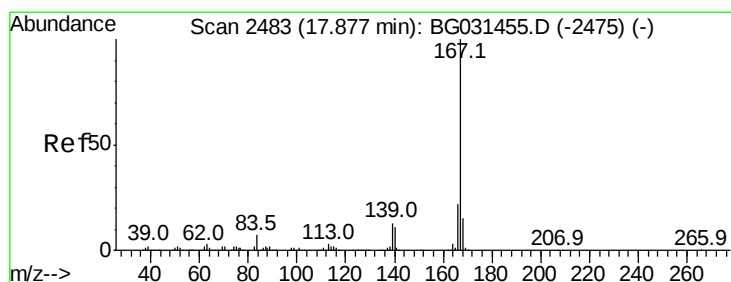
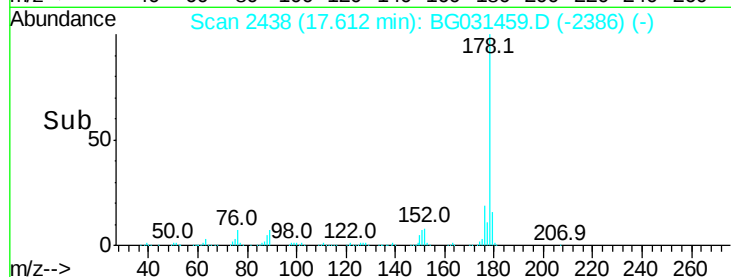
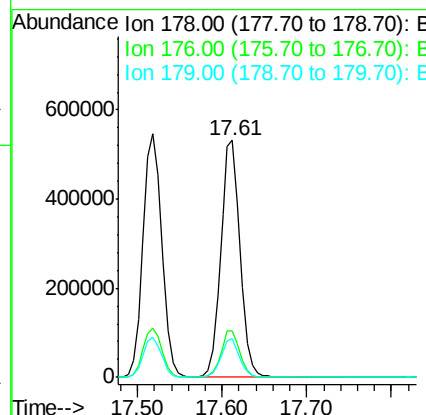
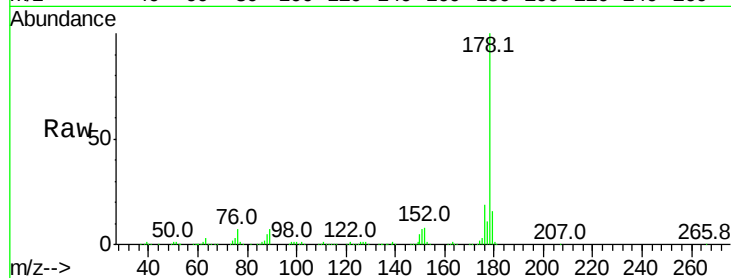




#71
 Anthracene
 Concen: 40.786 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. 0.01 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

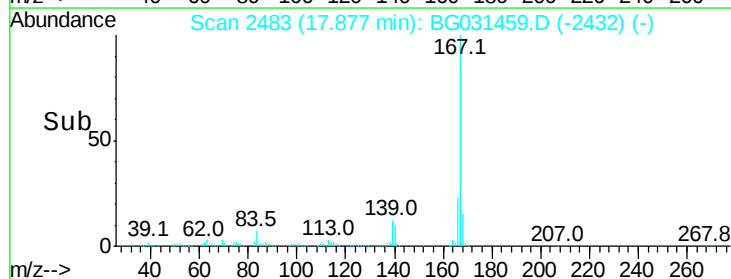
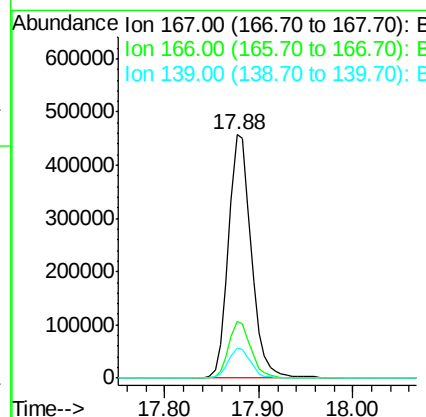
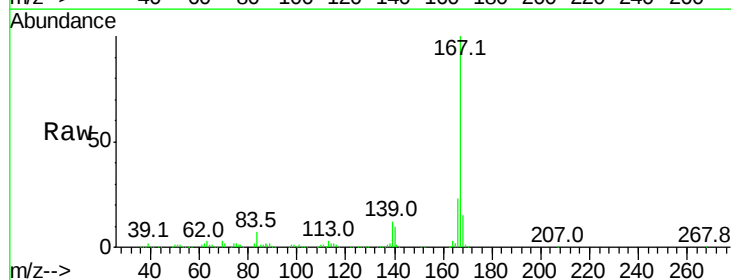
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

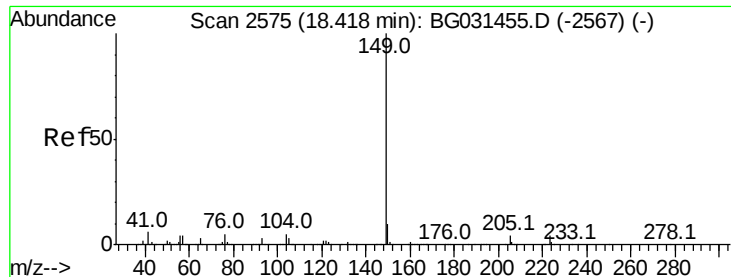
Tot Ion:178 Resp: 846306
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 41.368 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion:167 Resp: 776801
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.489 ng

RT: 18.42 min Scan# 2575

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

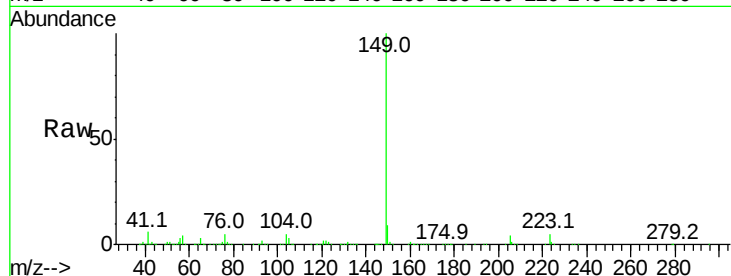
Tot Ion:149 Resp: 921360

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

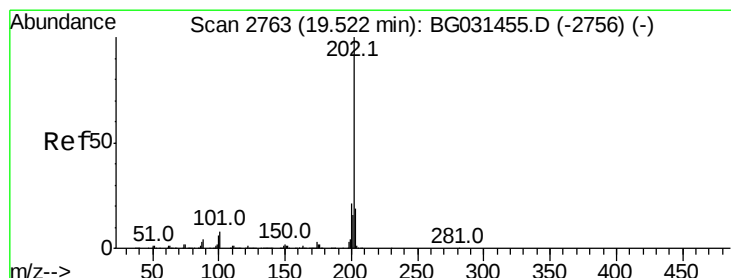
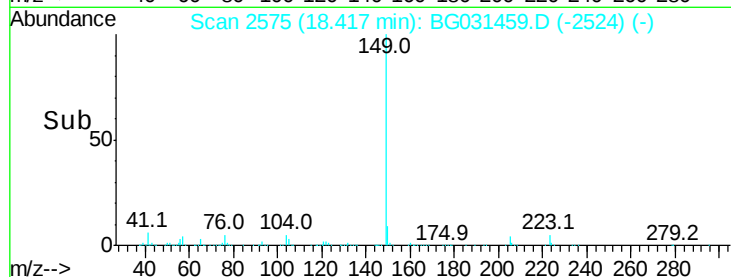
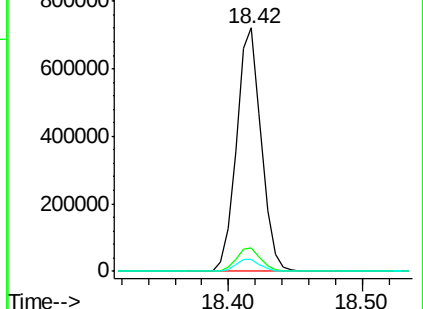
104 4.9 3.9 5.9



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: 40.941 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

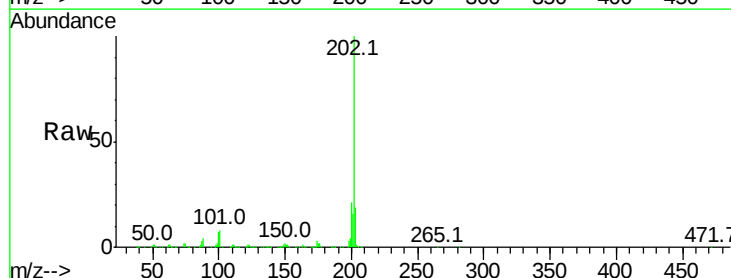
Tgt Ion:202 Resp: 1074958

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.9

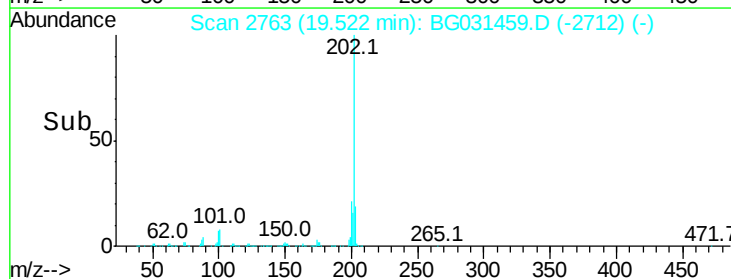
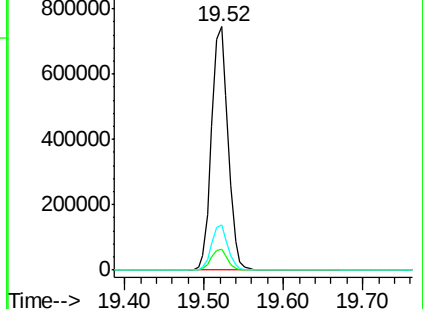
203 18.6 0.0 37.5

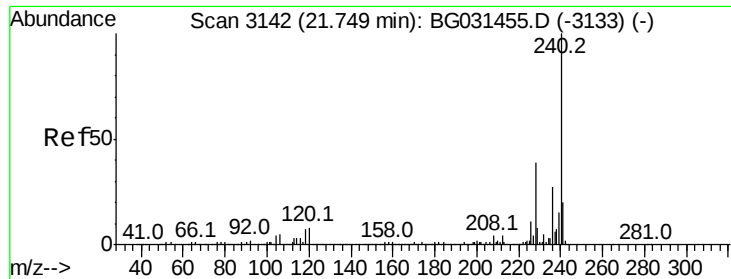


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

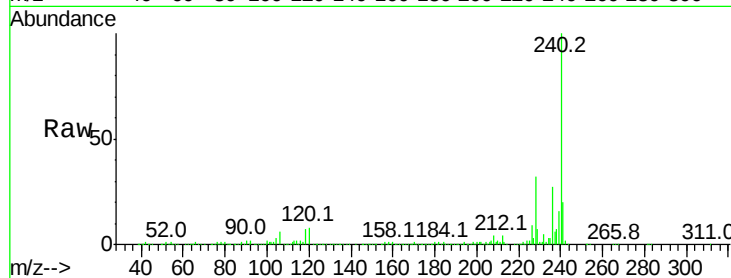
BNA_G

ClientSampleId :

ICVBG121117

Tot Ion:240 Resp: 427739

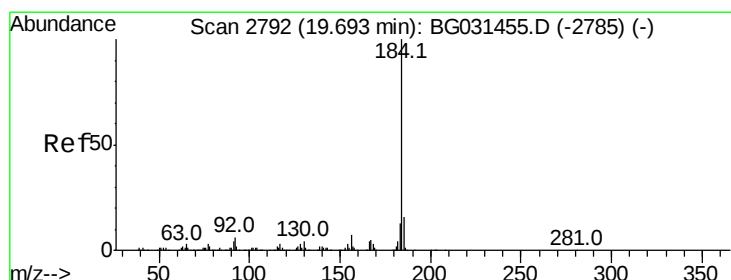
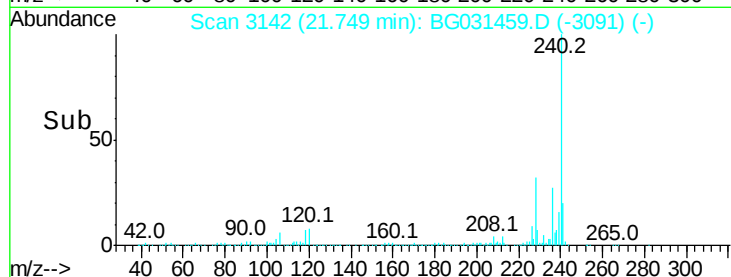
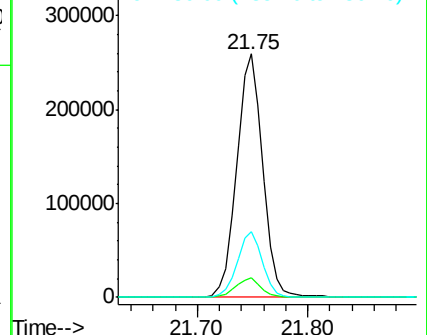
Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	27.1	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.861 ng

RT: 19.69 min Scan# 2792

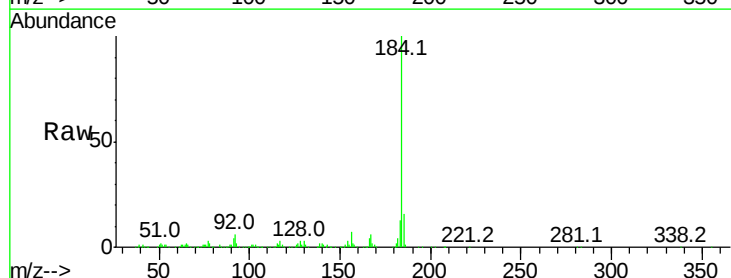
Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Tgt Ion:184 Resp: 396794

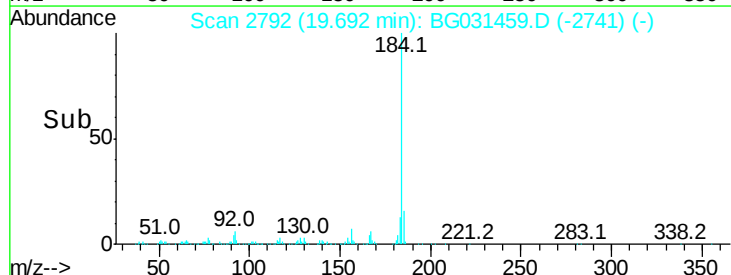
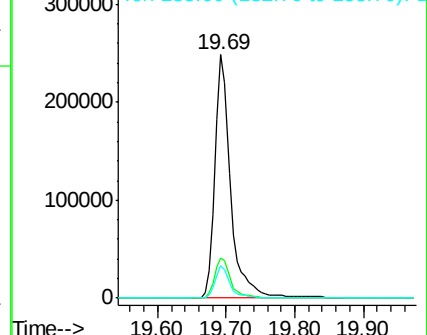
Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.1	16.7
183	13.2	10.6	16.0

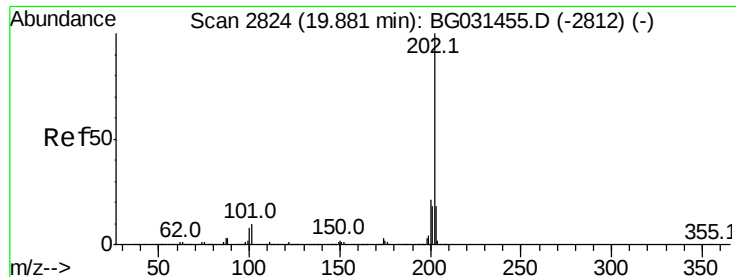


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

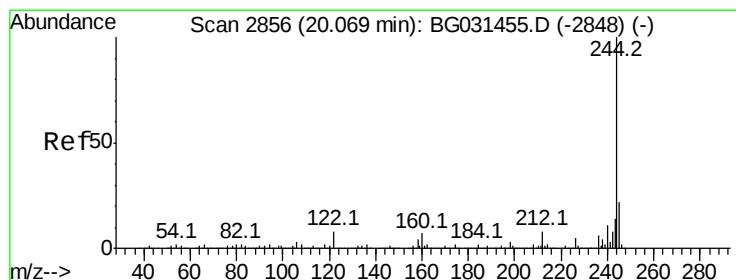
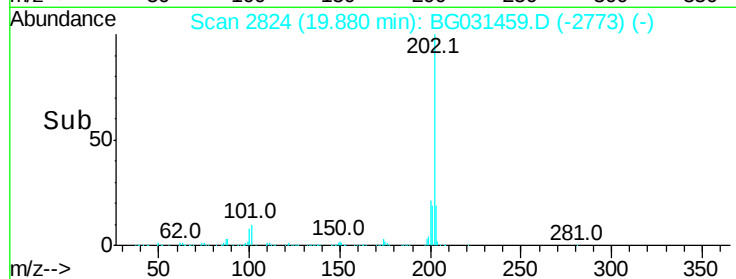
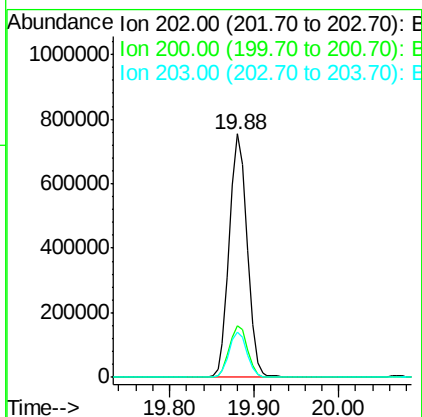
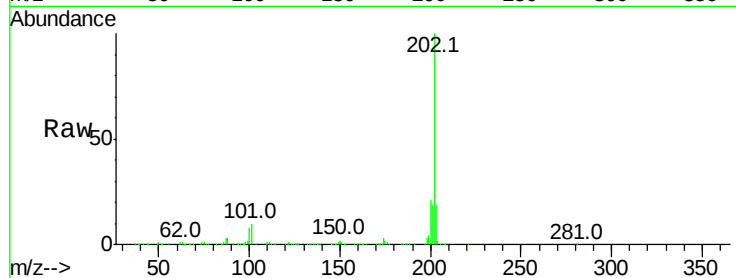




#77
Pvrene
Concen: 41.001 ng
RT: 19.88 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

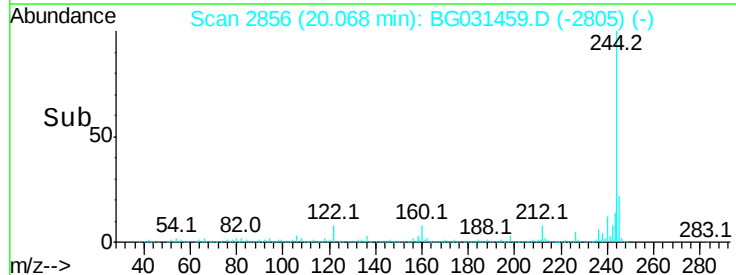
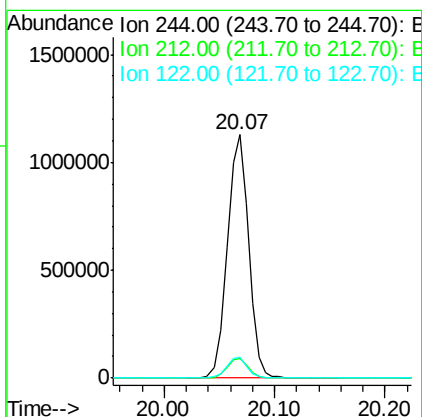
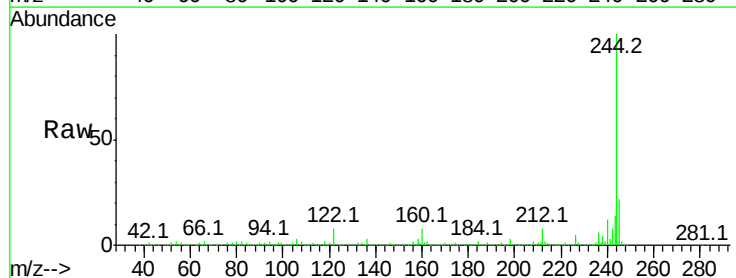
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

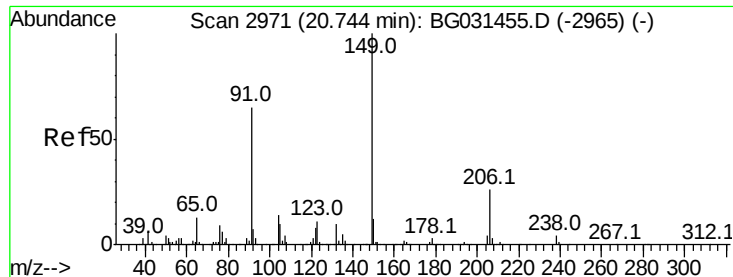
Tot Ion:202 Resp: 1089732
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 18.6 13.9 20.9



#78
Terphenyl-d14
Concen: 81.128 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion:244 Resp: 1525244
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 8.4 7.0 10.4

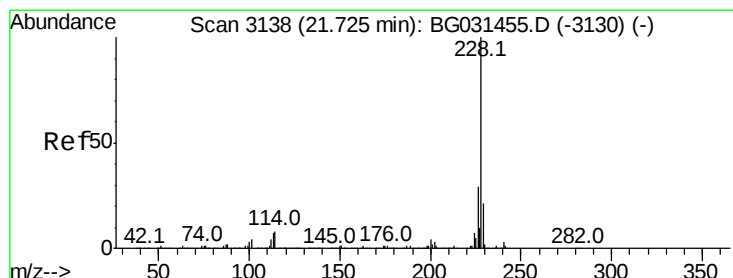
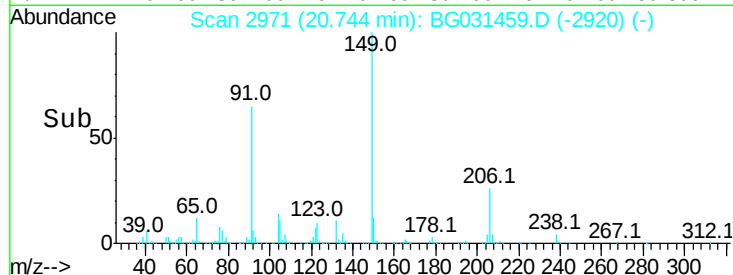
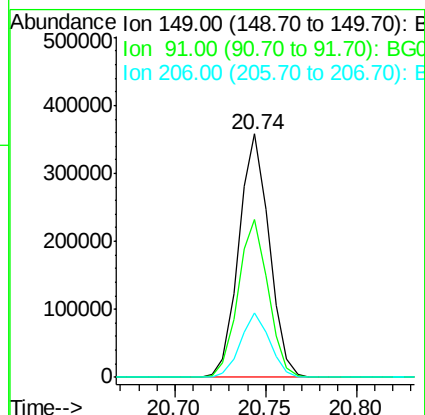
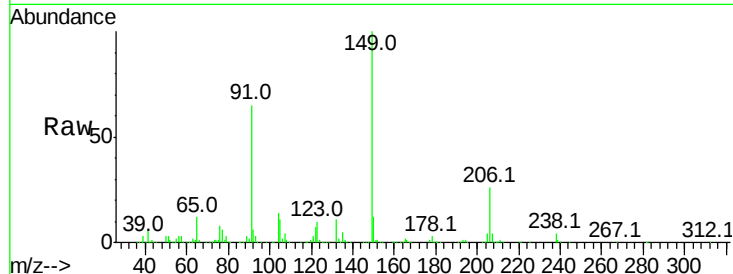




#79
 Butylbenzylphthalate
 Concen: 44.676 ng
 RT: 20.74 min Scan# 2971
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

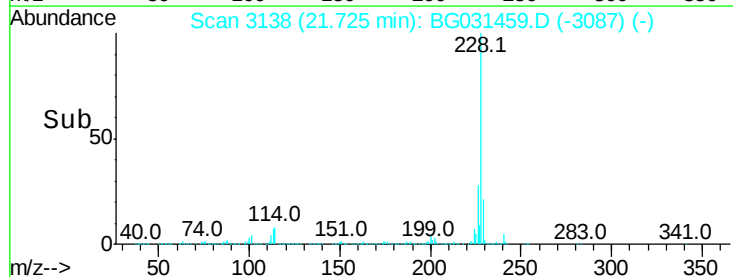
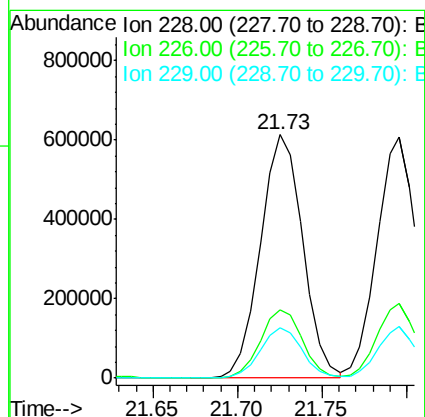
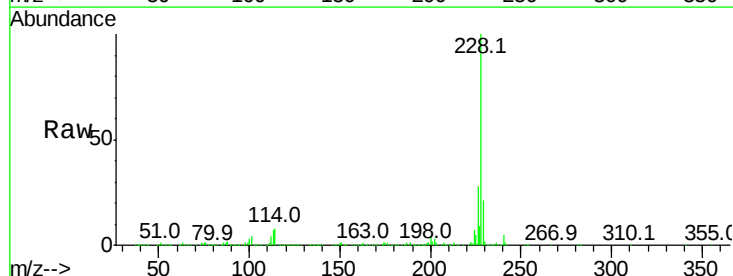
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

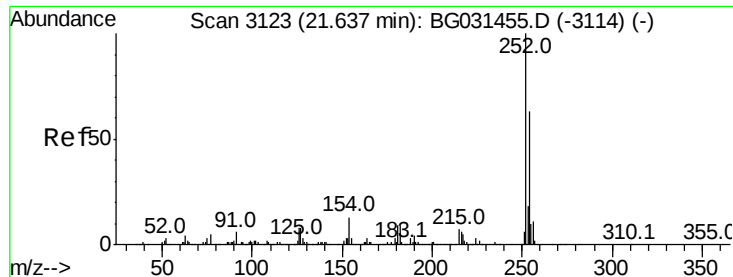
Tot Ion:	149	Resp:	416556
Ion	Ratio	Lower	Upper
149	100		
91	64.6	62.2	93.2
206	26.4	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 41.366 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion:	228	Resp:	1067984
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.9	16.2	24.2

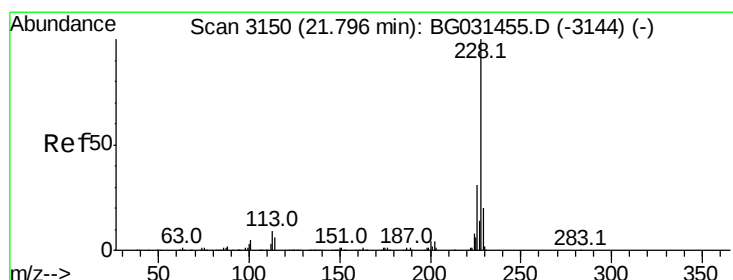
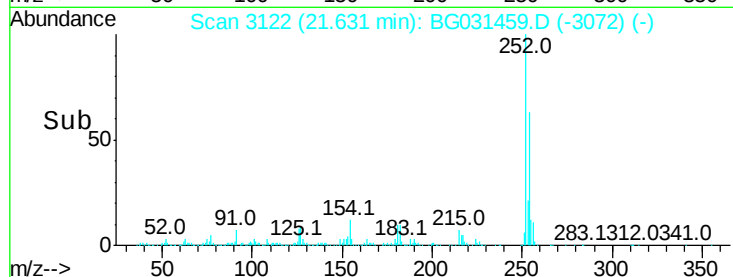
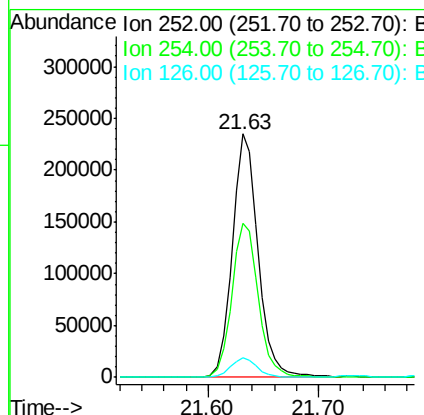
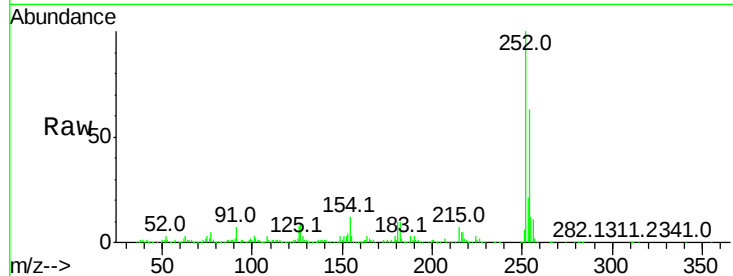




#81
 3,3'-Dichlorobenzidine
 Concen: 42.747 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

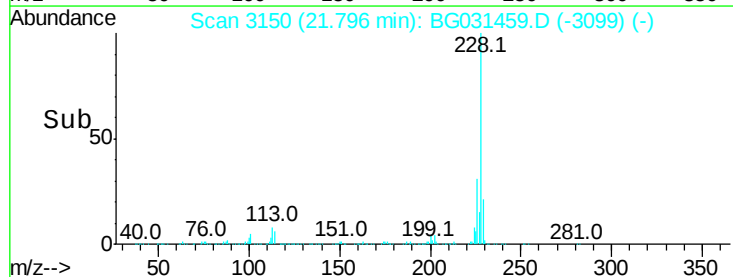
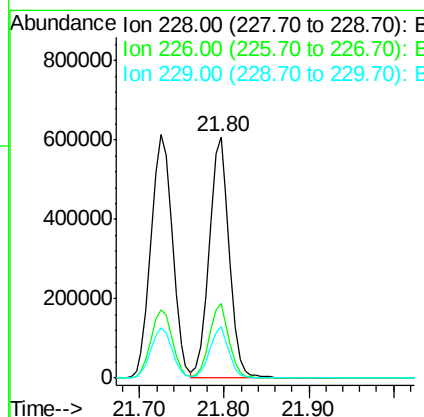
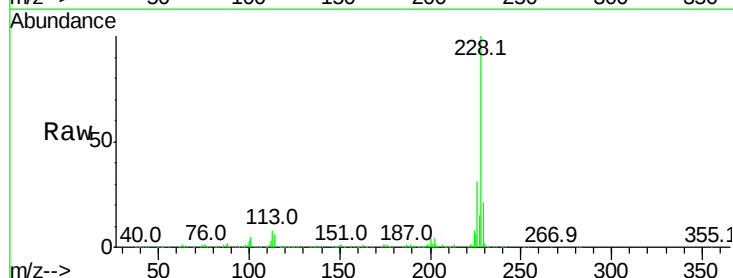
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

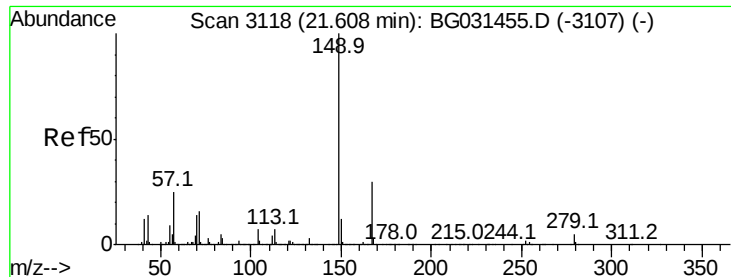
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	8.1	7.4	11.2



#82
 Chrysene
 Concen: 40.877 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.1	15.0	22.4

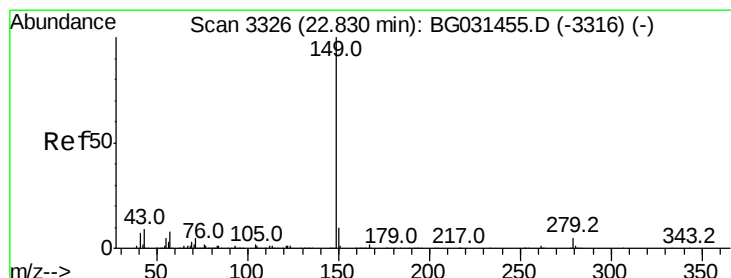
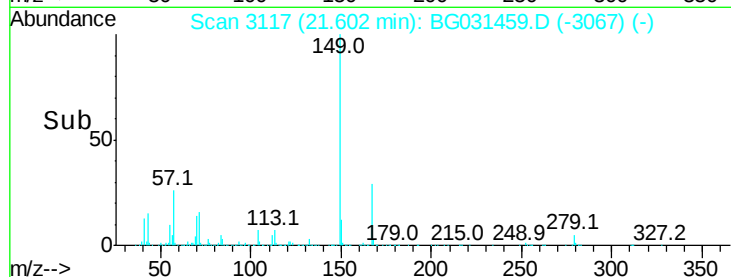
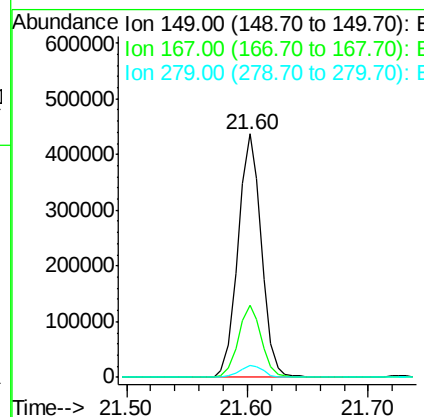
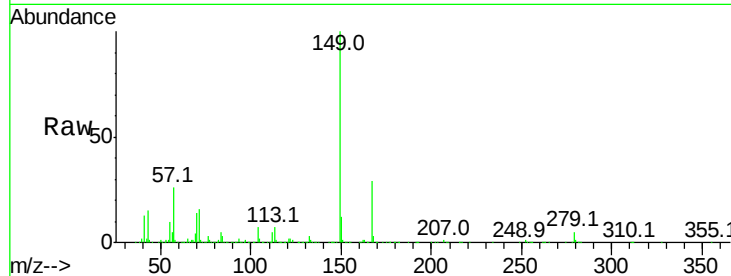




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.827 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

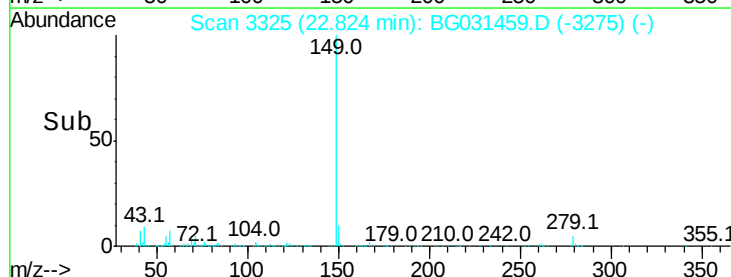
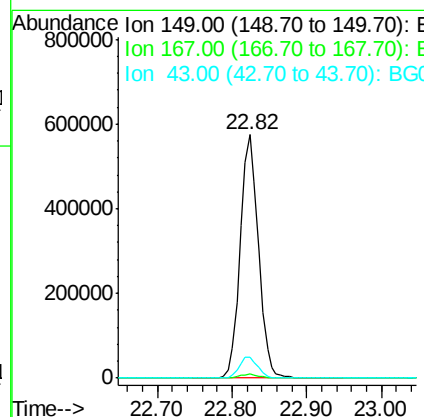
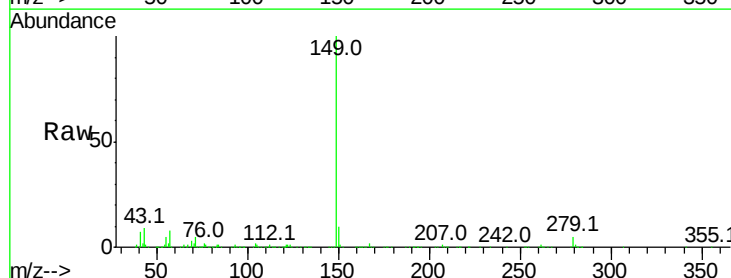
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG121117

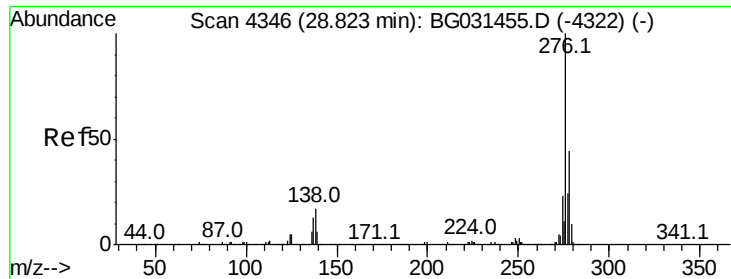
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.3	36.5
279	4.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 44.143 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031459.D
 Acq: 11 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.1	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.767 ng

RT: 28.80 min Scan# 4342

Delta R.T. -0.02 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

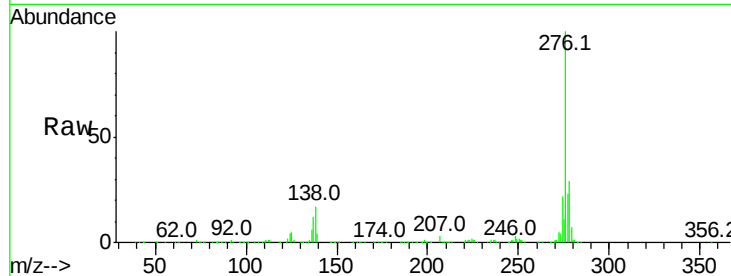
Tot Ion:276 Resp: 1131226

Ion Ratio Lower Upper

276 100

138 20.0 16.0 24.0

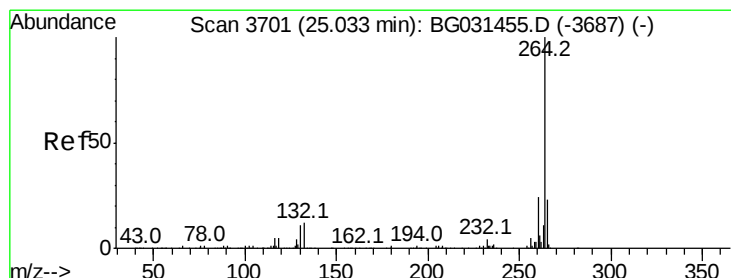
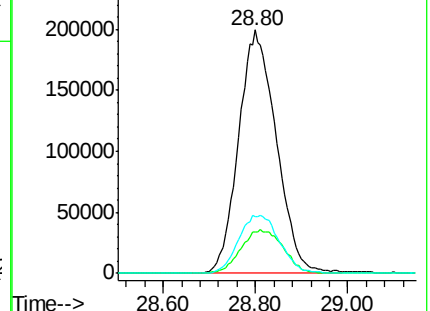
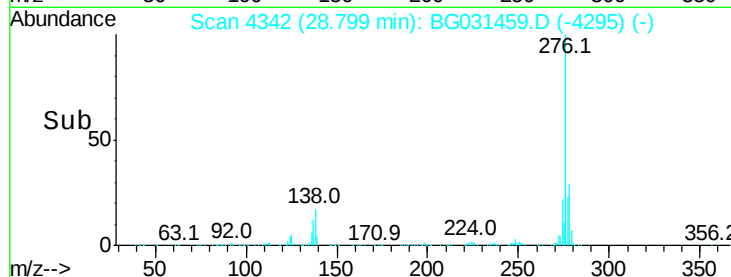
277 25.9 20.0 30.0



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: 25.03 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

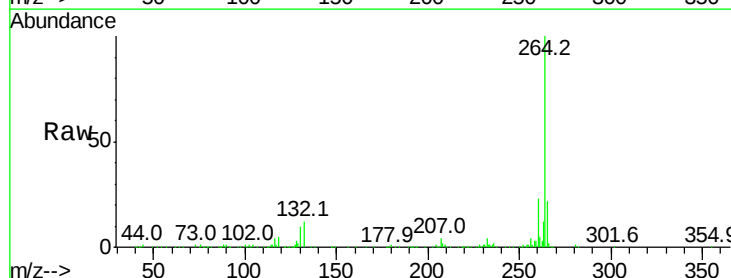
Tgt Ion:264 Resp: 427156

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

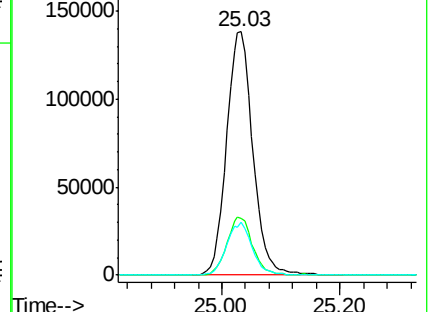
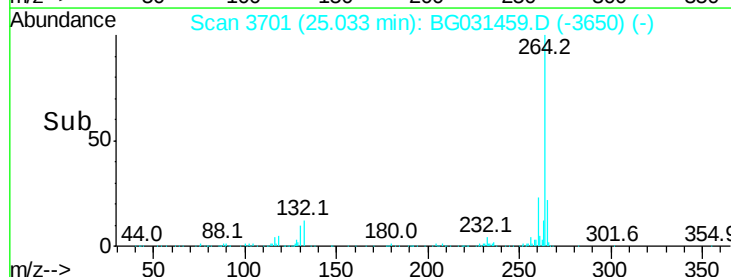
265 21.5 17.7 26.5

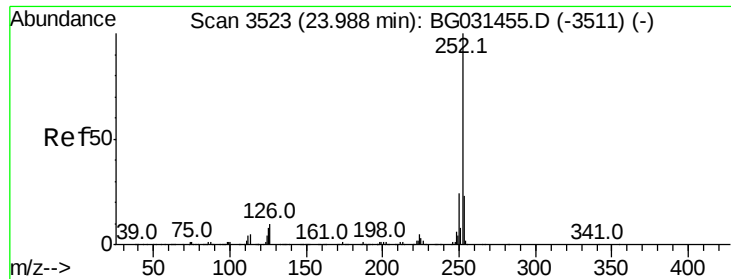


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.200 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

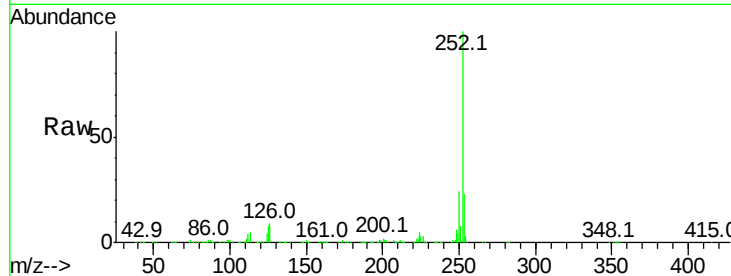
Tot Ion:252 Resp: 1026627

Ion Ratio Lower Upper

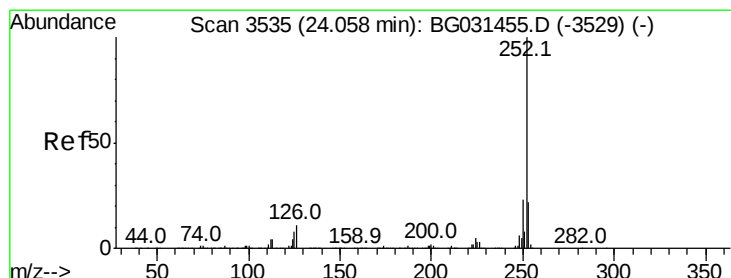
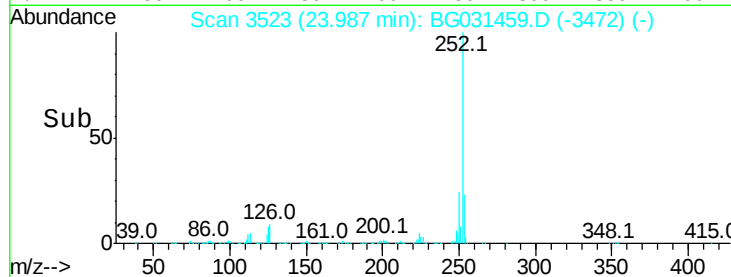
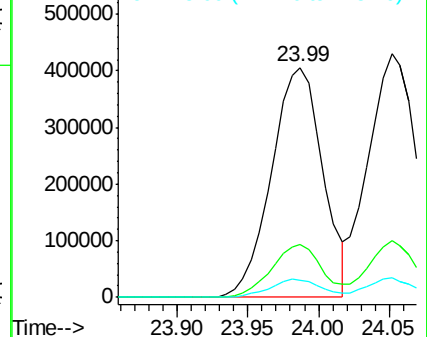
252 100

253 23.1 18.2 27.4

125 7.7 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.409 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

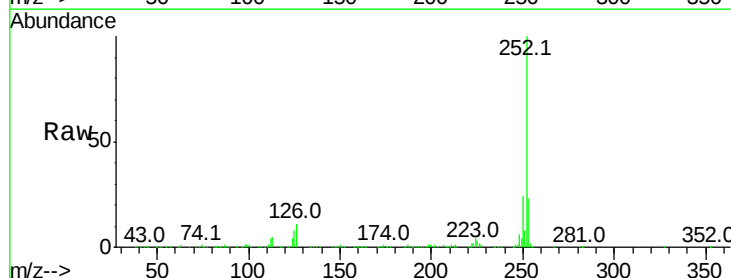
Tgt Ion:252 Resp: 1053104

Ion Ratio Lower Upper

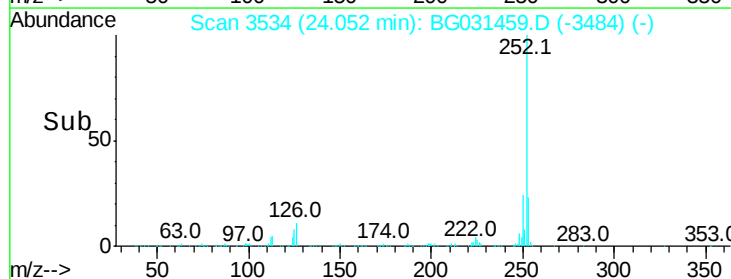
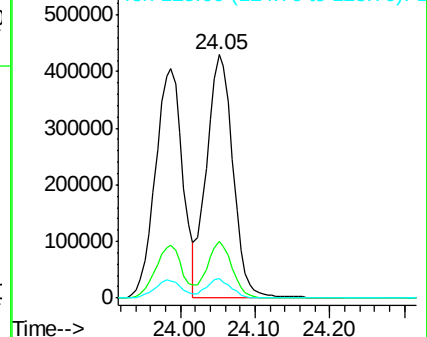
252 100

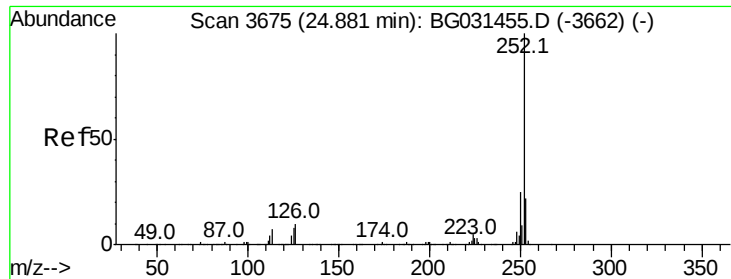
253 23.1 17.4 26.2

125 8.0 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

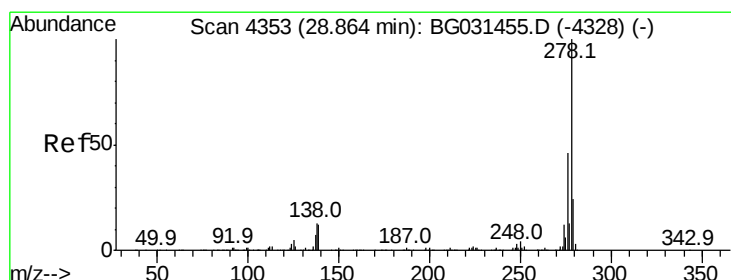
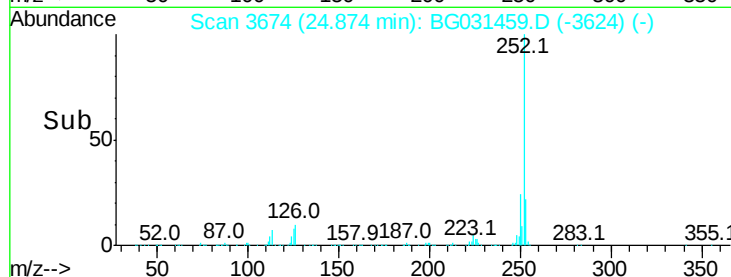
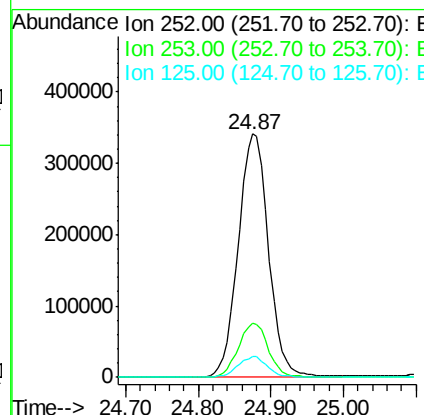
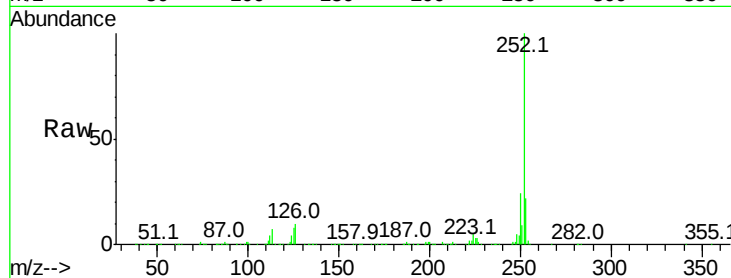




#89
Benzo(a)pyrene
Concen: 40.760 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

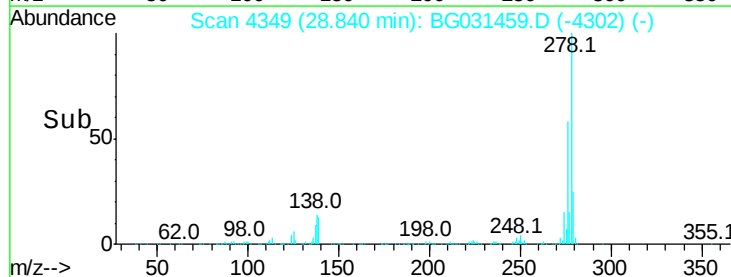
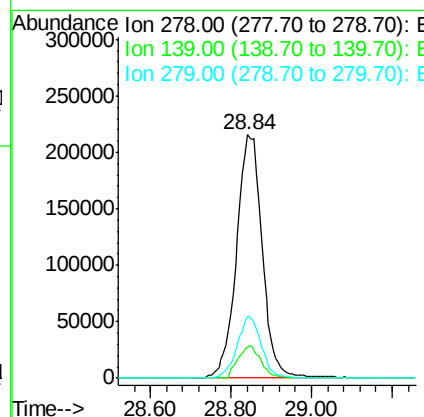
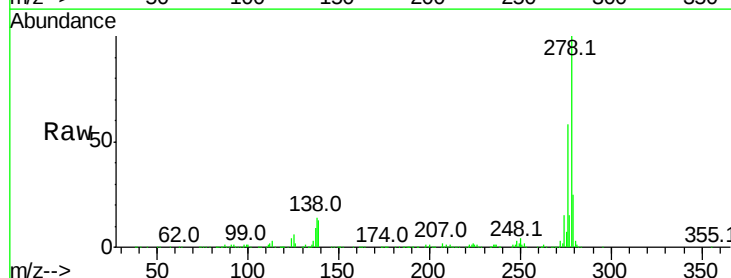
Instrument :
BNA_G
ClientSampleId :
ICVBG121117

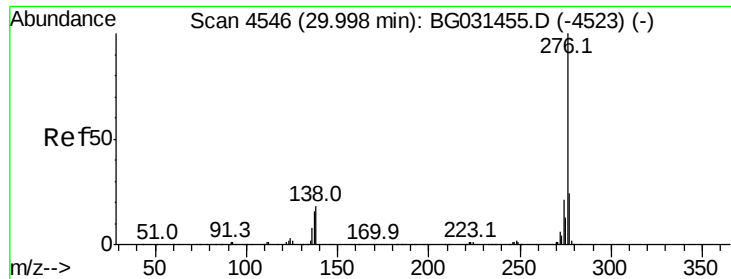
Tot Ion:252 Resp: 987429
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 8.3 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 41.453 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.02 min
Lab File: BG031459.D
Acq: 11 Dec 2017 17:22

Tgt Ion:278 Resp: 960320
Ion Ratio Lower Upper
278 100
139 12.6 9.8 14.6
279 25.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 40.607 ng

RT: 29.98 min Scan# 4543

Delta R.T. -0.02 min

Lab File: BG031459.D

Acq: 11 Dec 2017 17:22

Instrument :

BNA_G

ClientSampleId :

ICVBG121117

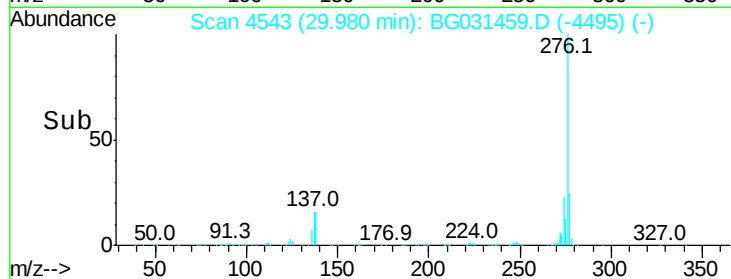
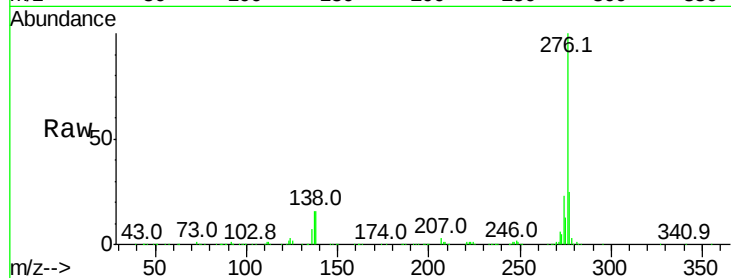
Tot Ion:276 Resp: 924852

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 16.3 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

250000

200000

150000

100000

50000

0

29.80 29.98 30.00 30.20

Time-->