

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031579.D
 Acq On : 15 Dec 2017 4:37
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 08:00:06 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	8.10	152	72545	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	312626	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	202737	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	505053	20.00	ng	0.00
75) Chrysene-d12	21.74	240	554936	20.00	ng	0.00
86) Perylene-d12	25.02	264	515514	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	339269	82.89	ng	-0.01
7) Phenol-d6	7.26	99	446668	78.62	ng	0.00
23) Nitrobenzene-d5	9.27	82	417665	82.35	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	215663	90.80	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1152505	83.44	ng	0.00
78) Terphenyl-d14	20.06	244	1926689	78.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	75464	38.644	ng	# 81
3) Pyridine	3.90	79	205300	39.929	ng	86
4) n-Nitrosodimethylamine	3.82	42	89314	36.879	ng	# 86
6) Aniline	7.41	93	286021	38.225	ng	95
8) 2-Chlorophenol	7.66	128	184517	40.418	ng	88
9) Benzaldehyde	7.23	77	125151	38.001	ng	96
10) Phenol	7.29	94	228781	39.197	ng	92
11) bis(2-Chloroethyl)ether	7.51	93	186701	39.192	ng	90
12) 1,3-Dichlorobenzene	7.98	146	216520	39.882	ng	95
13) 1,4-Dichlorobenzene	8.13	146	224232	39.741	ng	94
14) 1,2-Dichlorobenzene	8.45	146	215100	40.020	ng	97
15) Benzyl Alcohol	8.34	79	159978	35.994	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	185656	34.690	ng	89
17) 2-Methylphenol	8.55	107	154603	38.858	ng	97
18) Hexachloroethane	9.18	117	75416	39.652	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	153182	34.254	ng	# 94
20) 3+4-Methylphenols	8.88	107	215735	36.399	ng	96
22) Acetophenone	8.92	105	305516	40.736	ng	# 92
24) Nitrobenzene	9.31	77	212032	40.796	ng	# 91
25) Isophorone	9.83	82	377365	39.369	ng	# 90
26) 2-Nitrophenol	10.02	139	114140	44.412	ng	# 87
27) 2,4-Dimethylphenol	10.08	122	163340	41.838	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	255984	41.365	ng	95
29) 2,4-Dichlorophenol	10.57	162	200351	43.557	ng	89
30) 1,2,4-Trichlorobenzene	10.78	180	242356	41.248	ng	97
31) Naphthalene	10.96	128	601290	39.150	ng	98
32) Benzoic acid	10.25	122	64581	33.258	ng	90
33) 4-Chloroaniline	11.08	127	266022	39.892	ng	94
34) Hexachlorobutadiene	11.24	225	159741	40.987	ng	95
35) Caprolactam	11.85	113	71284	39.467	ng	# 65
36) 4-Chloro-3-methylphenol	12.20	107	205044	39.053	ng	# 83
37) 2-Methylnaphthalene	12.56	142	472501	39.734	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	341415	43.089	ng	# 96
40) Hexachlorocyclopentadiene	12.90	237	61330	34.193	ng	90

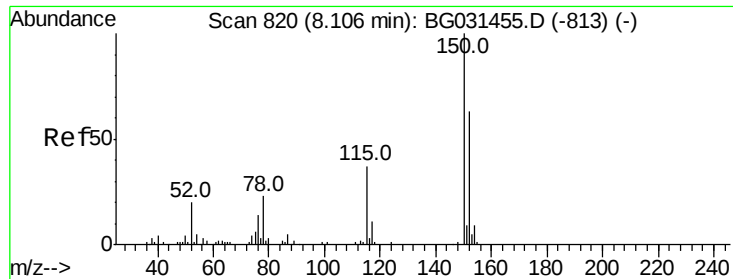
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031579.D
 Acq On : 15 Dec 2017 4:37
 Operator : SJ/JU
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 Misc :
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 08:00:06 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)
42) 2,4,6-Trichlorophenol	13.17	196	181101	44.736	nq	99
43) 2,4,5-Trichlorophenol	13.26	196	191660	43.951	nq #	92
45) 1,1'-Biphenyl	13.56	154	689310	41.396	nq	97
46) 2-Chloronaphthalene	13.61	162	505759	41.498	nq	95
47) 2-Nitroaniline	13.81	65	136754	39.931	nq #	81
48) Acenaphthylene	14.45	152	800328	40.811	nq	98
49) Dimethylphthalate	14.18	163	693861	41.339	nq	99
50) 2,6-Dinitrotoluene	14.30	165	152251	42.438	nq #	77
51) Acenaphthene	14.79	154	507218	40.905	nq	99
52) 3-Nitroaniline	14.64	138	152333	41.653	nq #	76
53) 2,4-Dinitrophenol	14.86	184	30227	26.957	nq #	48
54) Dibenzofuran	15.12	168	791325	39.992	nq	98
55) 4-Nitrophenol	14.97	139	95104	40.324	nq #	77
56) 2,4-Dinitrotoluene	15.10	165	213400	41.879	nq #	72
57) Fluorene	15.77	166	650721	41.043	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	174340	42.534	nq #	90
59) Diethylphthalate	15.53	149	691104	41.078	nq	97
60) 4-Chlorophenyl-phenylether	15.76	204	389728	40.177	nq	92
61) 4-Nitroaniline	15.80	138	162547	42.354	nq	89
62) Azobenzene	16.05	77	523422	37.557	nq	91
64) 4,6-Dinitro-2-methylphenol	15.87	198	111817	37.746	nq #	74
65) n-Nitrosodiphenylamine	15.98	169	625235	42.294	nq	99
66) 4-Bromophenyl-phenylether	16.65	248	252958	43.072	nq	96
67) Hexachlorobenzene	16.78	284	257484	42.458	nq	95
68) Atrazine	16.92	200	240248	44.446	nq	98
69) Pentachlorophenol	17.13	266	93795	35.560	nq	98
70) Phenanthrene	17.51	178	1066494	40.433	nq	99
71) Anthracene	17.60	178	1076648	41.271	nq	98
72) Carbazole	17.87	167	1009558	42.764	nq	99
73) Di-n-butylphthalate	18.41	149	1163954	42.694	nq	99
74) Fluoranthene	19.52	202	1374917	41.651	nq	97
76) Benzidine	19.69	184	602797	46.676	nq	98
77) Pyrene	19.88	202	1394287	40.436	nq	96
79) Butylbenzylphthalate	20.74	149	548917	45.378	nq #	83
80) Benzo(a)anthracene	21.72	228	1362285	40.671	nq	98
81) 3,3'-Dichlorobenzidine	21.63	252	513984	44.090	nq	99
82) Chrysene	21.79	228	1282945	39.954	nq	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	753770	43.312	nq	99
84) Di-n-octyl phthalate	22.81	149	1213503	42.272	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.80	276	1272468	37.080	nq	98
87) Benzo(b)fluoranthene	24.05	252	1269047	41.176	nq	98
88) Benzo(k)fluoranthene	24.05	252	1269047	40.348	nq	98
89) Benzo(a)pyrene	24.87	252	1190384	40.715	nq	99
90) Dibenzo(a,h)anthracene	28.84	278	1074065	38.417	nq	97
91) Benzo(g,h,i)perylene	29.97	276	1037789	37.756	nq	97

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

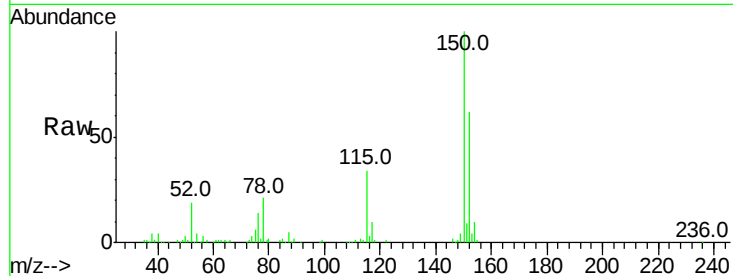


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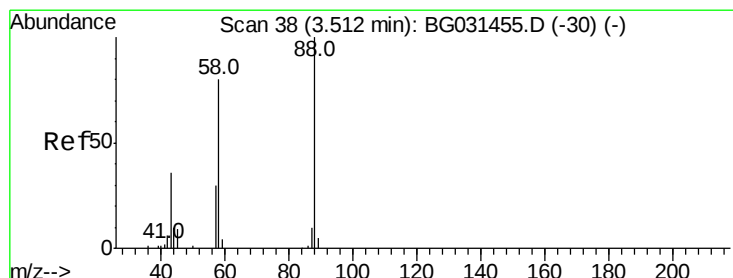
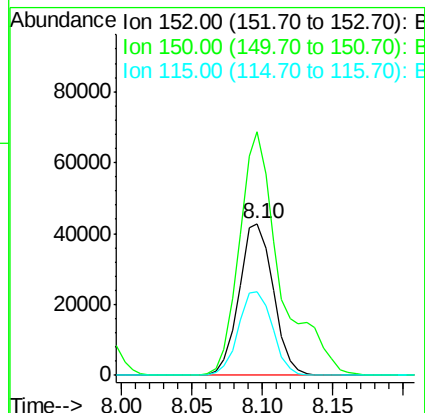
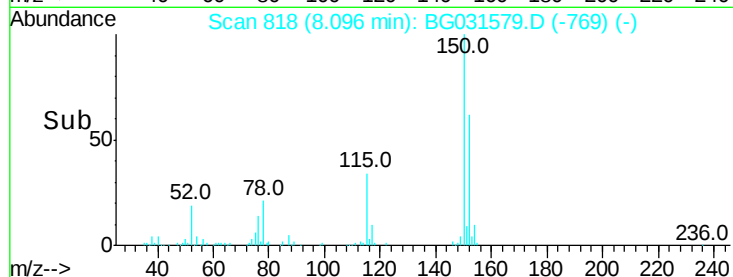
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 72545
Ion Ratio Lower Upper
152 100
150 160.1 126.6 189.8
115 55.0 53.0 79.4



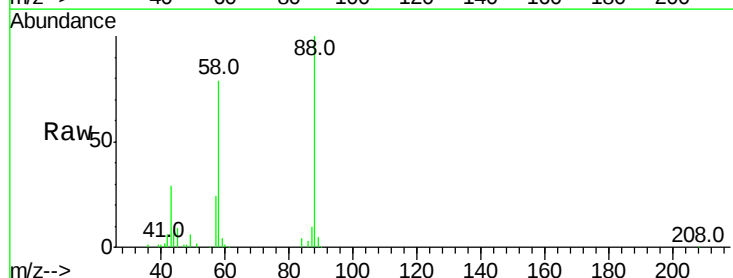
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



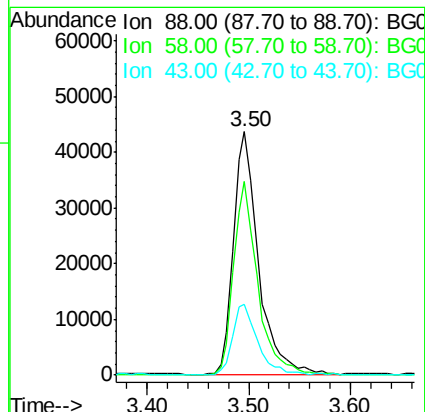
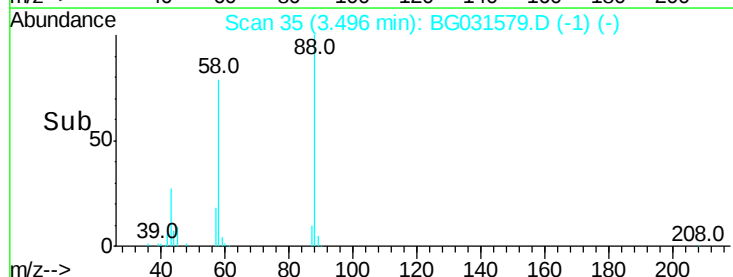
#2

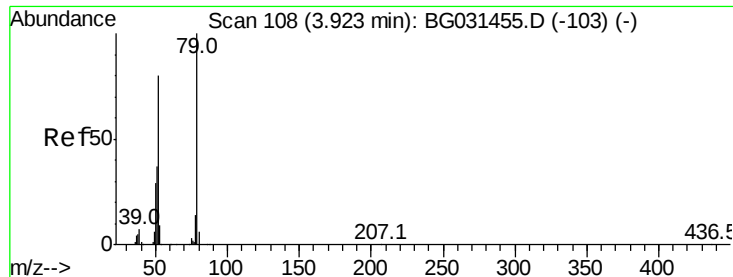
1,4-Dioxane
Concen: 38.644 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.02 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion: 88 Resp: 75464
Ion Ratio Lower Upper
88 100
58 76.6 79.6 119.4#
43 29.1 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: 39.929 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.02 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

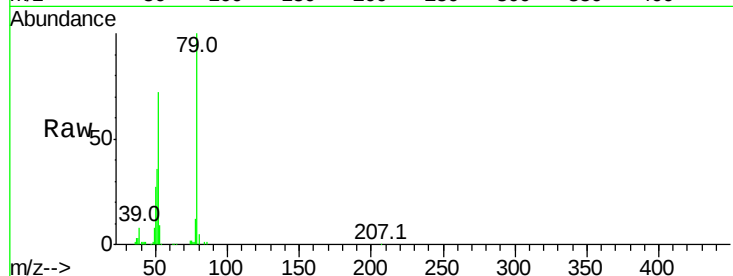
Tot Ion: 79 Resp: 205300

Ion Ratio Lower Upper

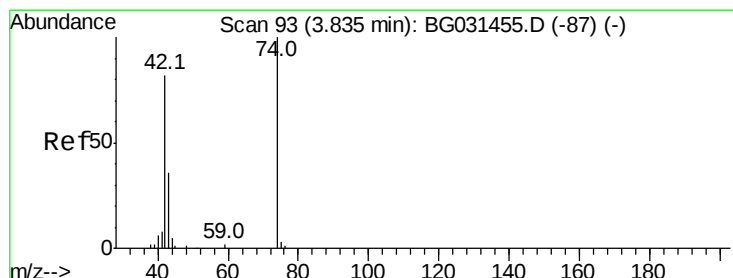
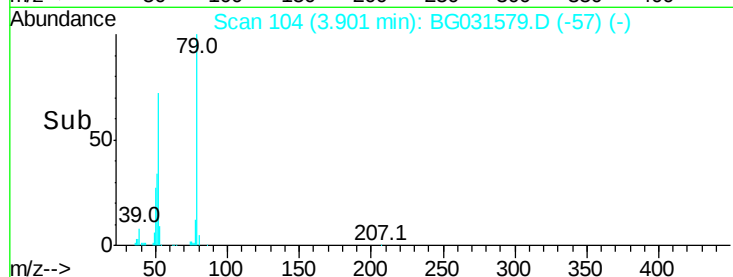
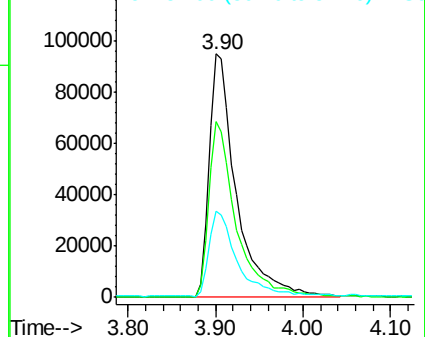
79 100

52 72.5 69.9 104.9

51 35.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.879 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

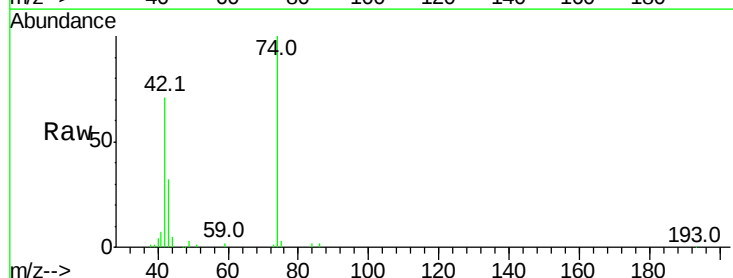
Tgt Ion: 42 Resp: 89314

Ion Ratio Lower Upper

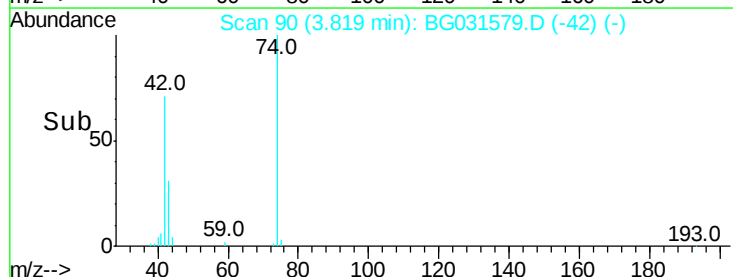
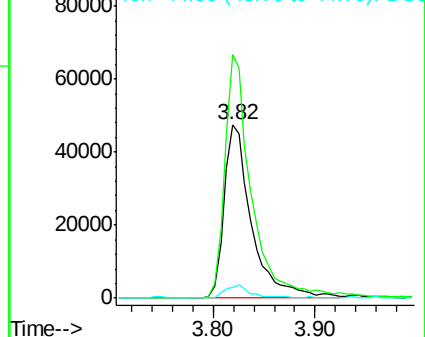
42 100

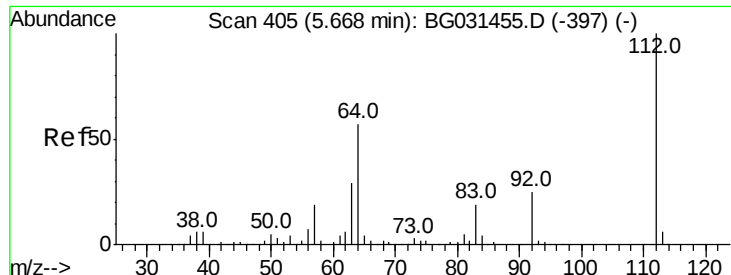
74 140.2 102.5 153.7

44 6.5 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.895 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampled :

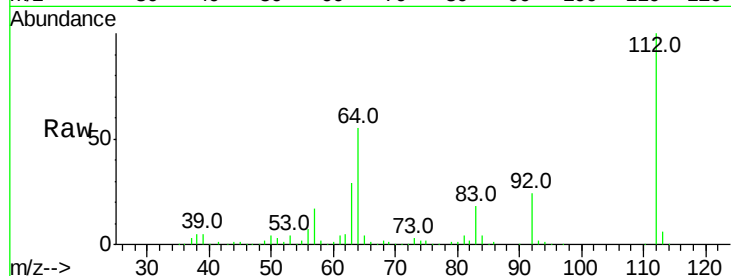
Tot Ion:112 Resp: 339269

Ion Ratio Lower Upper

112 100

64 55.0 56.3 84.5#

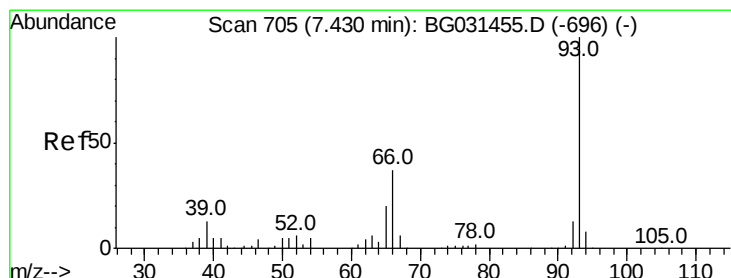
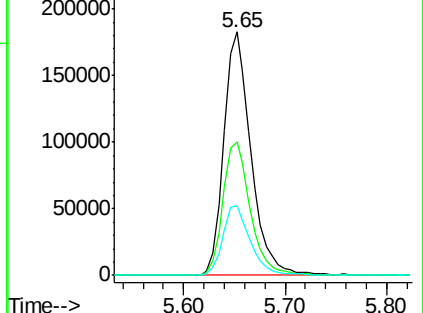
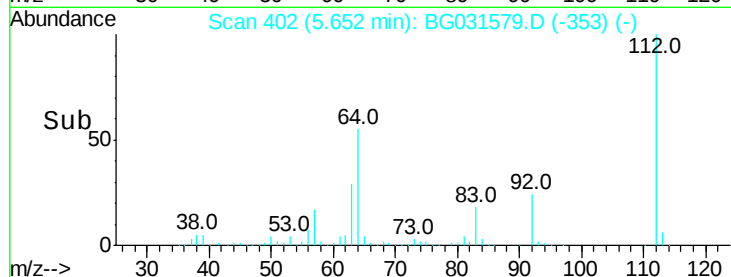
63 28.6 30.1 45.1#



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: 38.225 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

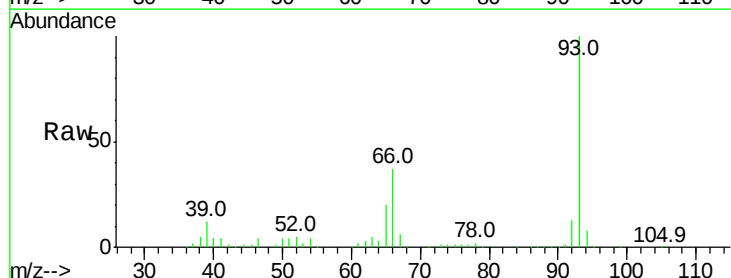
Tgt Ion: 93 Resp: 286021

Ion Ratio Lower Upper

93 100

66 37.2 33.7 50.5

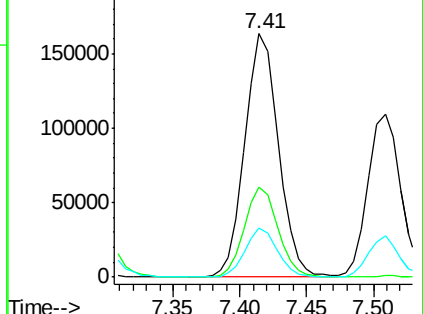
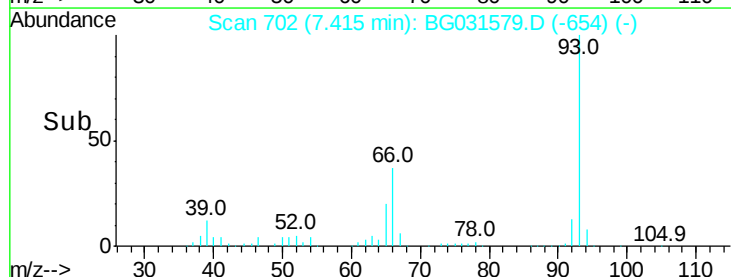
65 20.0 16.1 24.1

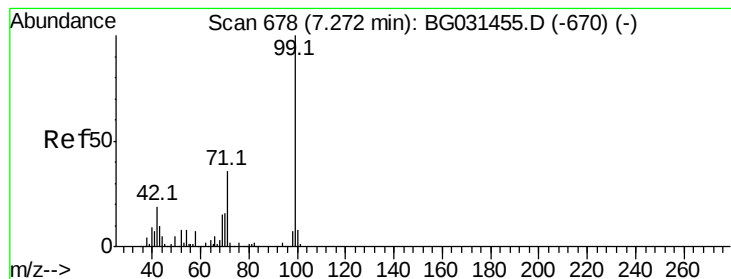


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.615 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

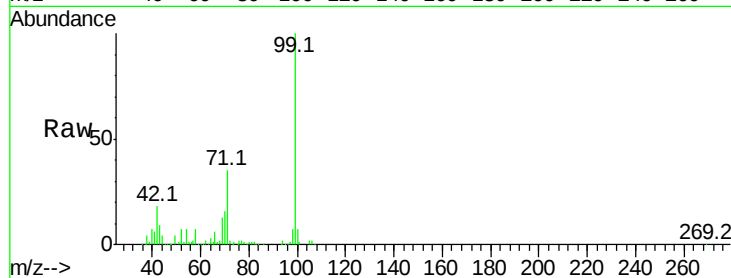
Tot Ion: 99 Resp: 446668

Ion Ratio Lower Upper

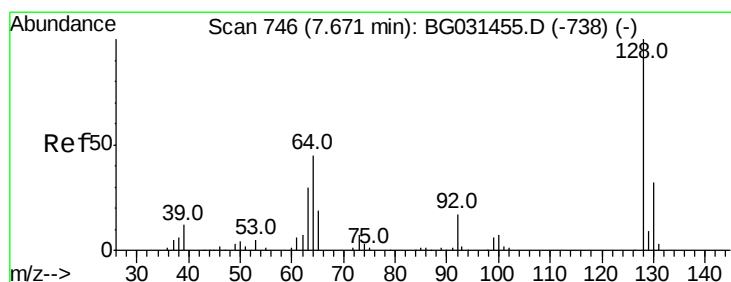
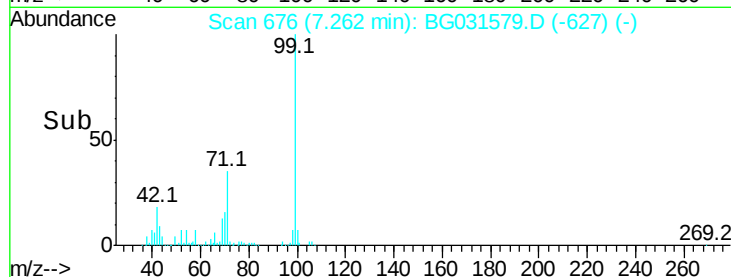
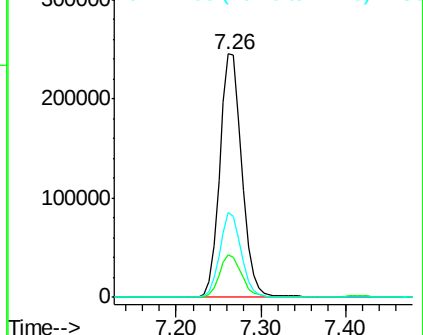
99 100

42 17.7 14.1 21.1

71 34.7 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: 40.418 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

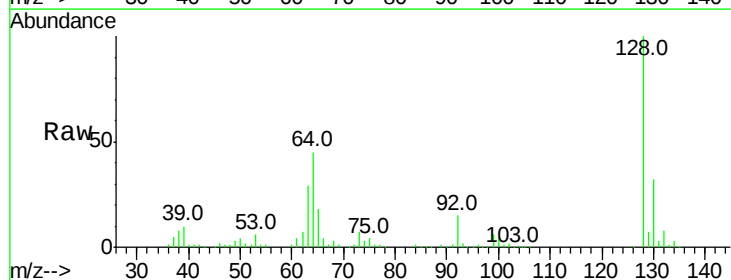
Tgt Ion: 128 Resp: 184517

Ion Ratio Lower Upper

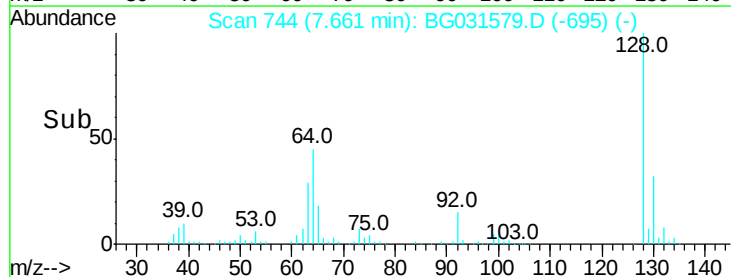
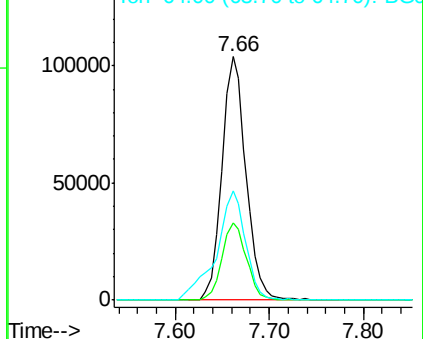
128 100

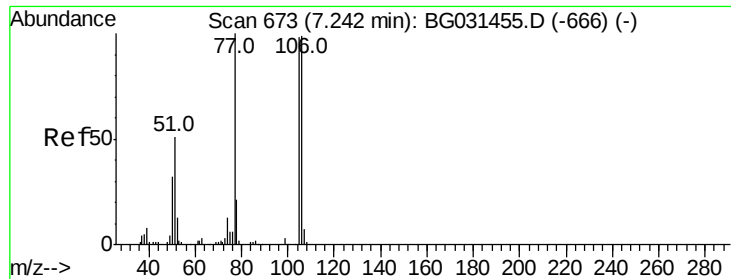
130 31.6 14.0 54.0

64 44.8 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: 38.001 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.02 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

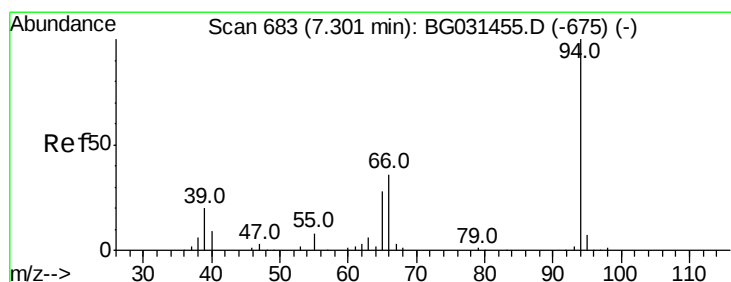
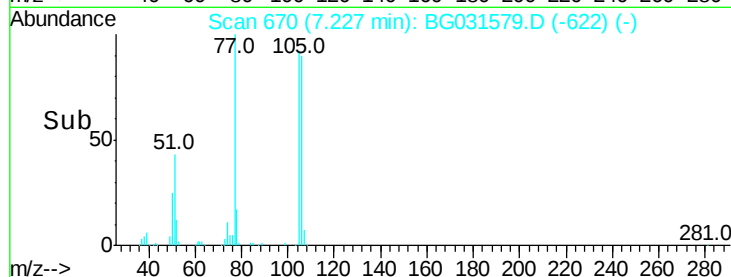
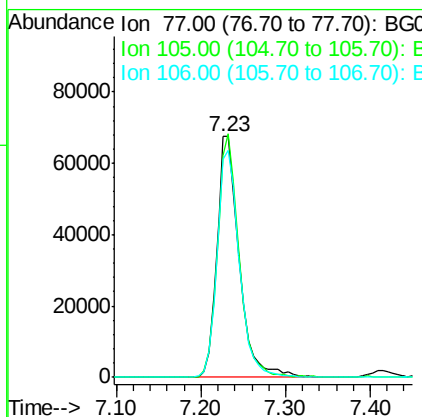
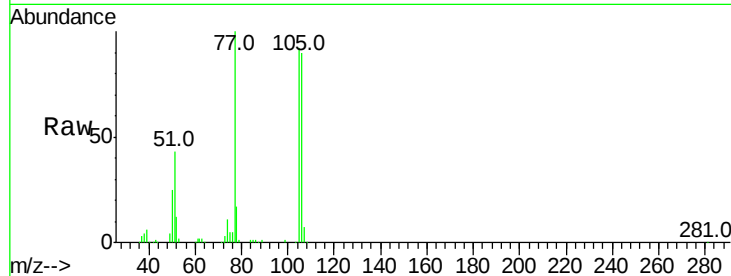
Tot Ion: 77 Resp: 125151

Ion Ratio Lower Upper

77 100

105 92.4 71.3 111.3

106 90.4 64.2 104.2



#10

Phenol

Concen: 39.197 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

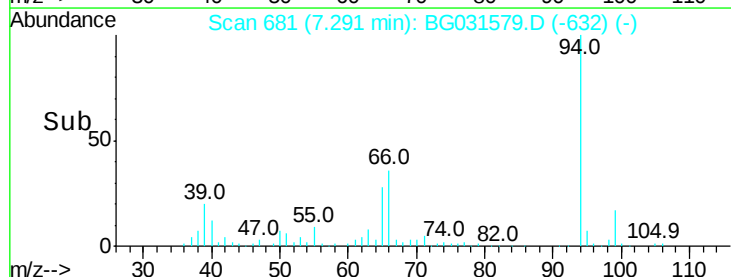
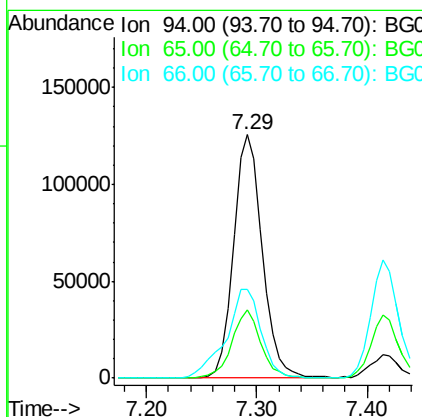
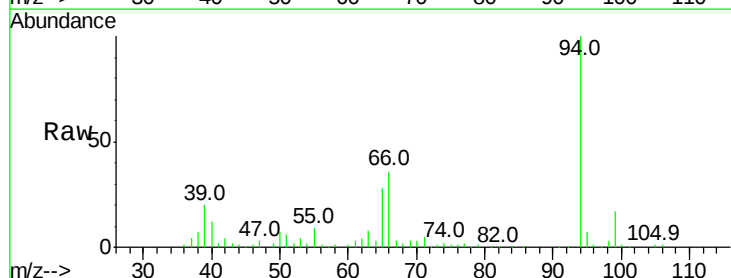
Tgt Ion: 94 Resp: 228781

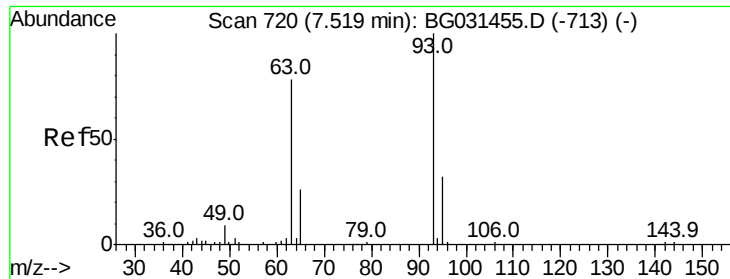
Ion Ratio Lower Upper

94 100

65 28.2 11.9 51.9

66 36.3 22.2 62.2

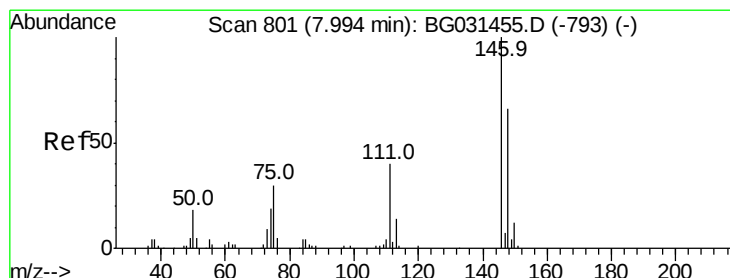
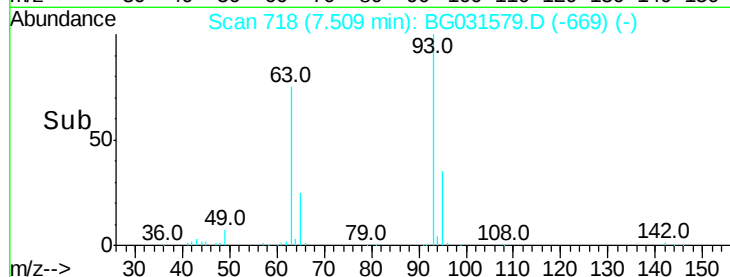
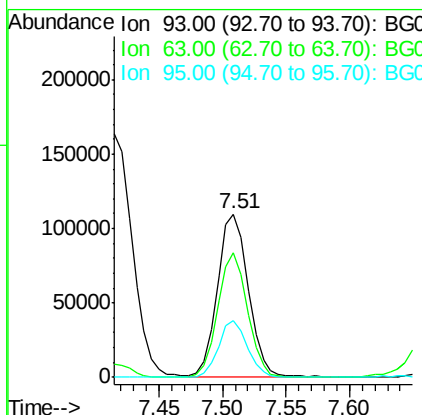
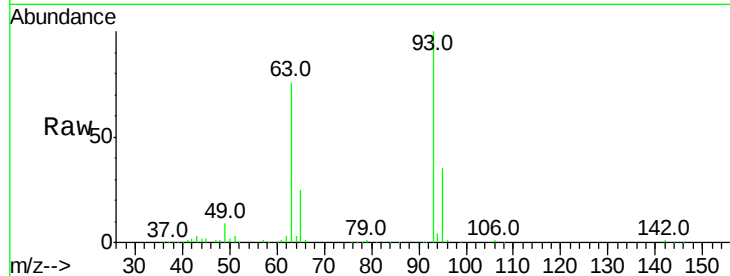




#11
bis(2-Chloroethyl)ether
Concen: 39.192 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

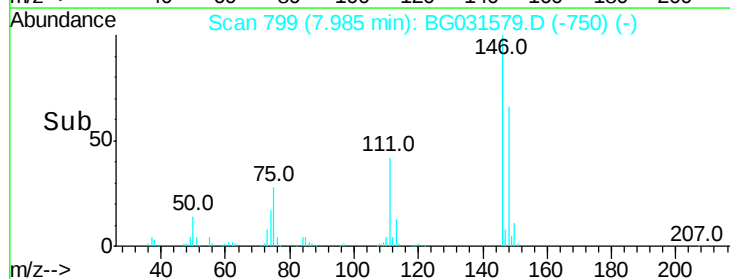
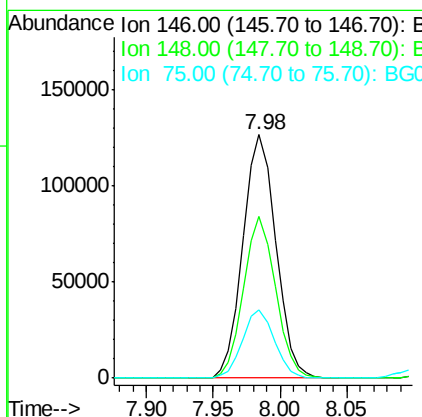
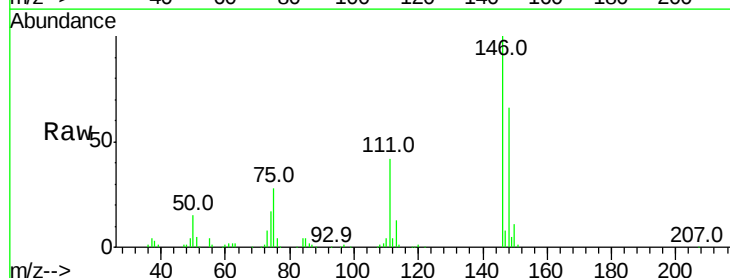
Instrument :
BNA_G
ClientSampleId :

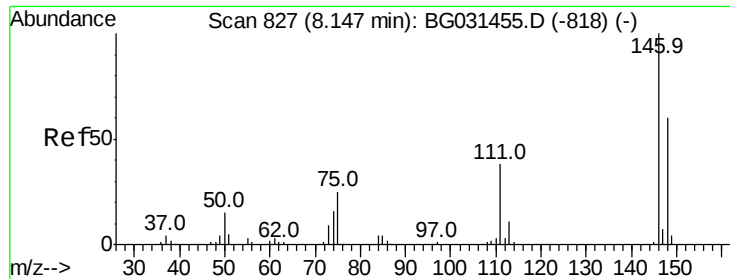
Tot Ion: 93 Resp: 186701
Ion Ratio Lower Upper
93 100
63 76.4 67.1 107.1
95 35.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.882 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion: 146 Resp: 216520
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.2
75 28.1 26.6 39.8

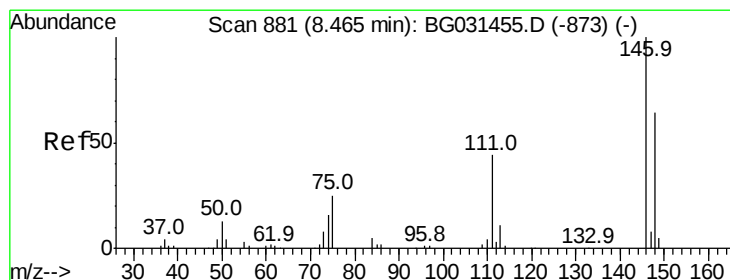
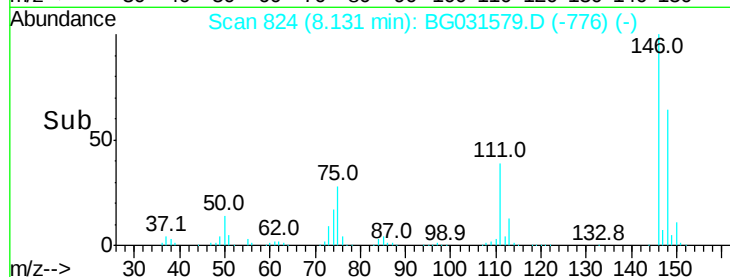
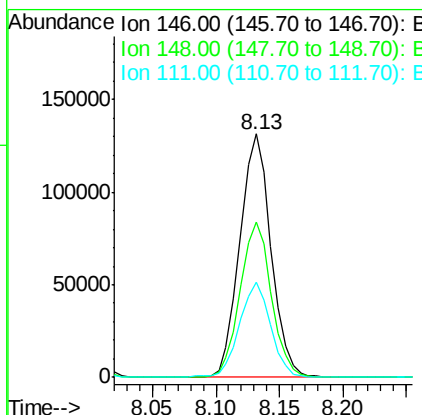
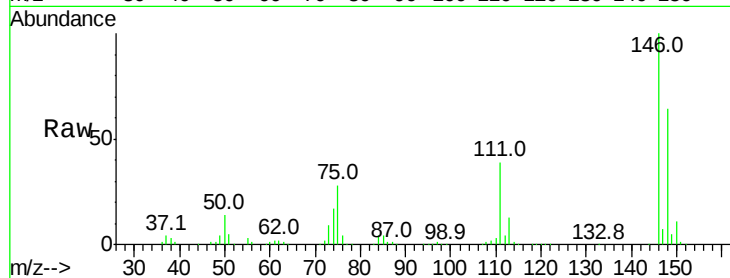




#13
 1,4-Dichlorobenzene
 Concen: 39.741 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

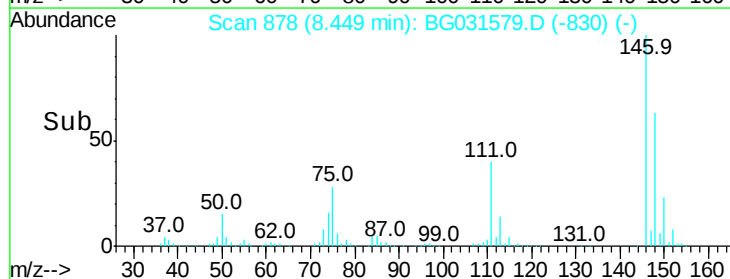
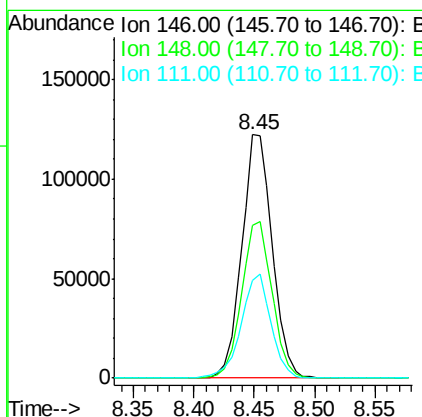
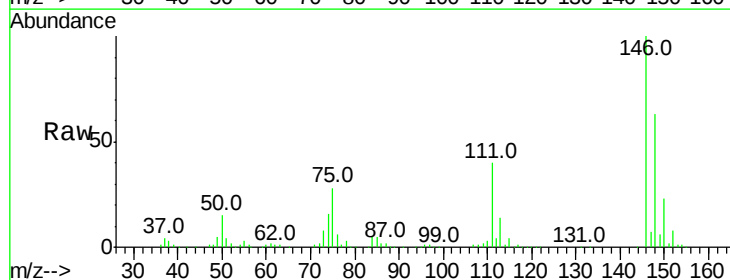
Instrument :
 BNA_G
 ClientSampleId :

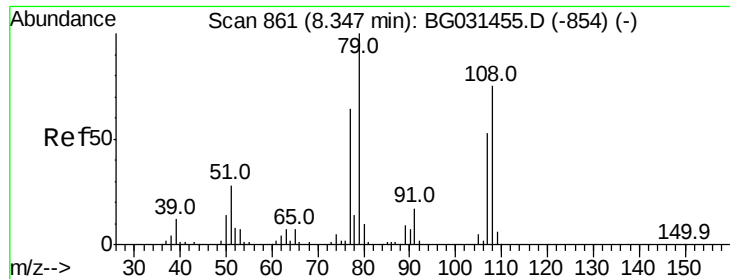
Tot Ion:146 Resp: 224232
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.7 80.5
 111 38.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.020 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:146 Resp: 215100
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.3 73.9
 111 40.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 35.994 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

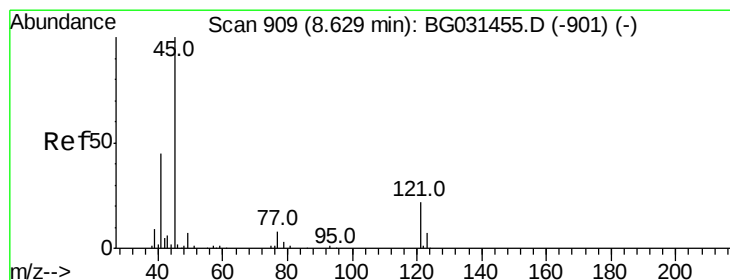
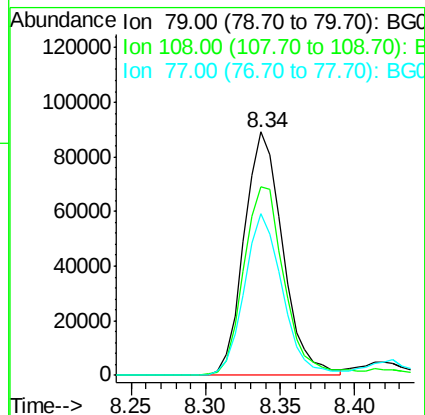
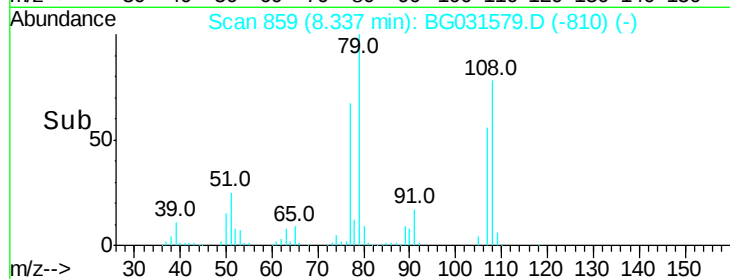
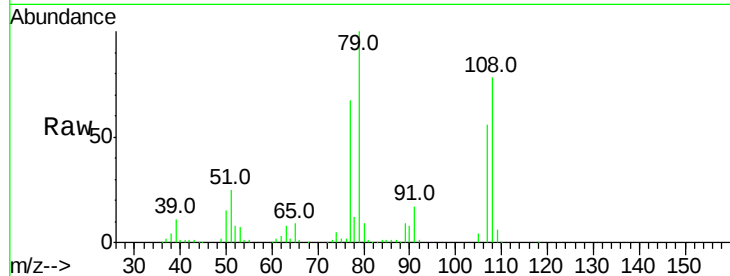
Tot Ion: 79 Resp: 159978

Ion Ratio Lower Upper

79 100

108 77.6 57.2 85.8

77 66.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.690 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

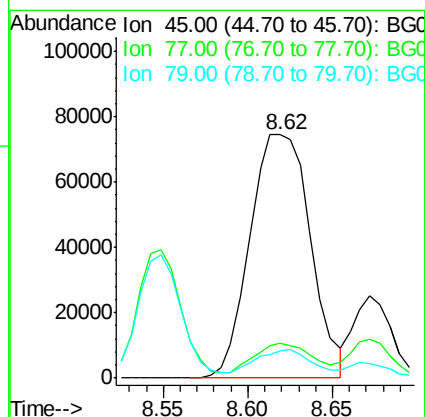
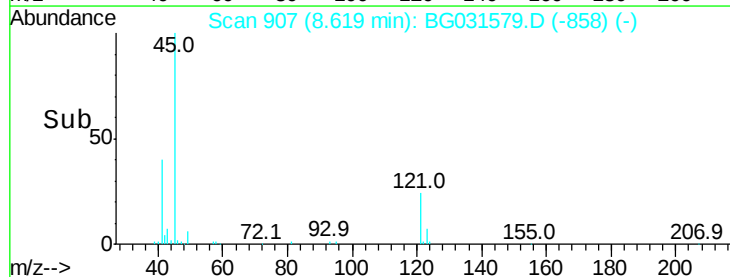
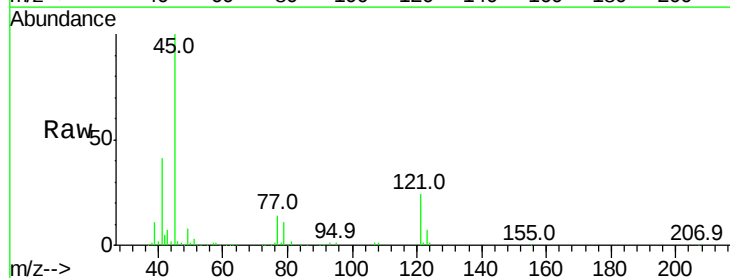
Tgt Ion: 45 Resp: 185656

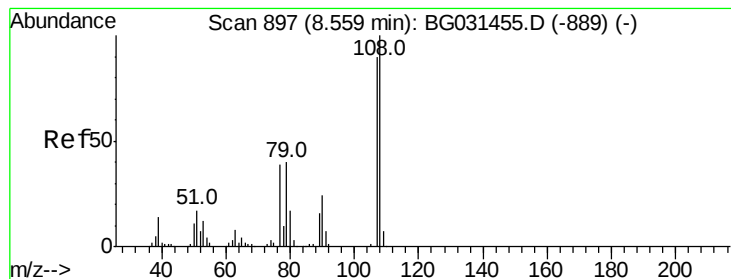
Ion Ratio Lower Upper

45 100

77 14.5 0.0 30.2

79 11.3 0.0 27.9





#17

2-Methylphenol

Concen: 38.858 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 154603

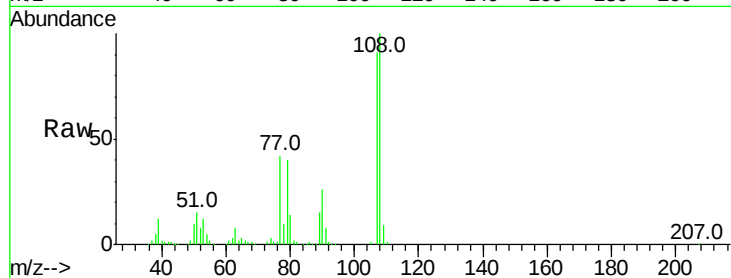
Ion Ratio Lower Upper

107 100

108 109.7 83.9 125.9

77 46.3 37.2 55.8

79 44.3 36.2 54.2

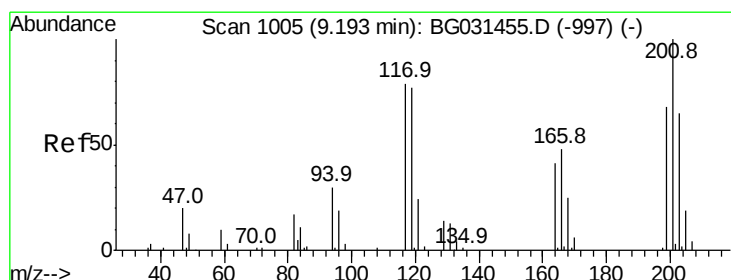
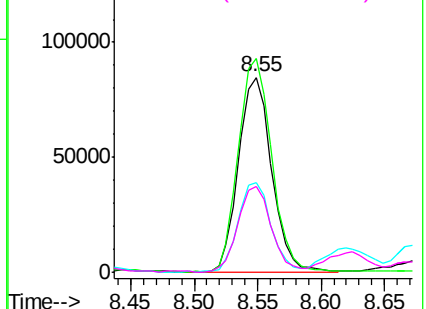
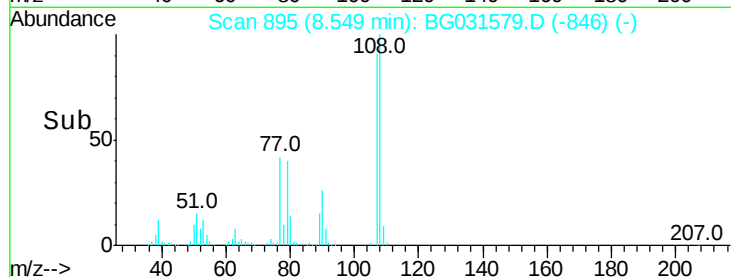


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.652 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

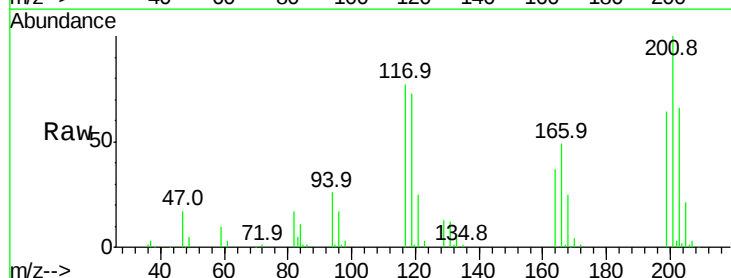
Tgt Ion:117 Resp: 75416

Ion Ratio Lower Upper

117 100

119 94.3 76.7 115.1

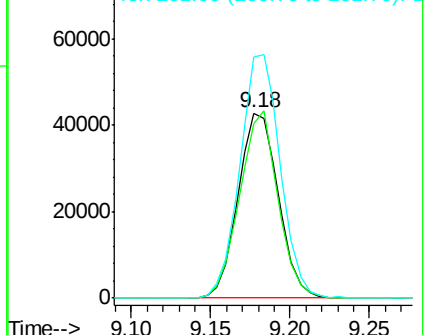
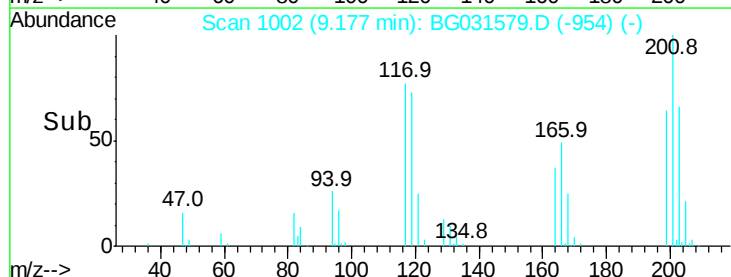
201 129.9 95.7 143.5

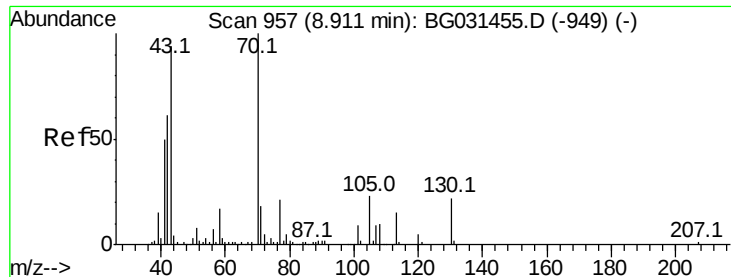


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

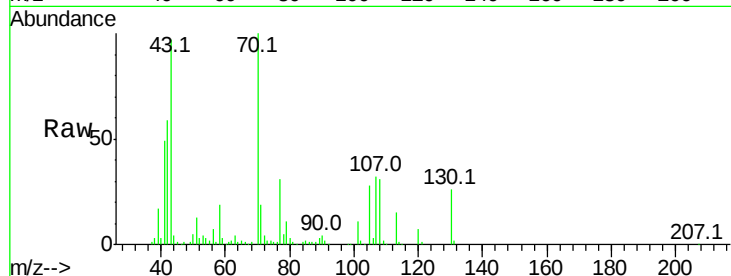




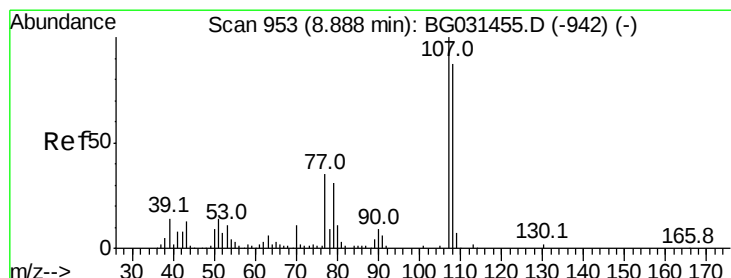
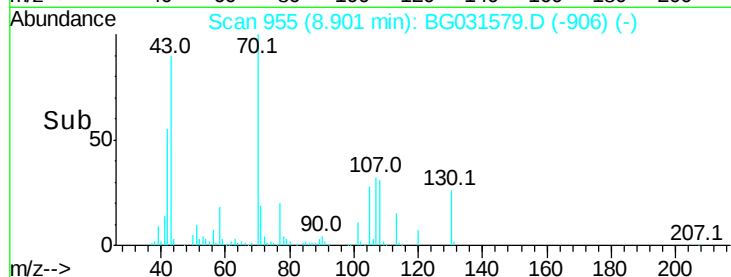
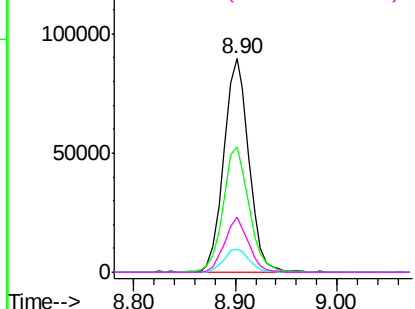
#19
n-Nitroso-di-n-propylamine
Concen: 34.254 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 153182
Ion Ratio Lower Upper
70 100
42 58.9 49.1 73.7
101 10.9 8.5 12.7
130 25.9 13.4 20.0#

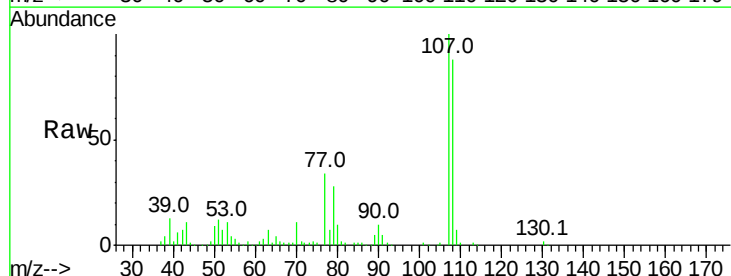


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

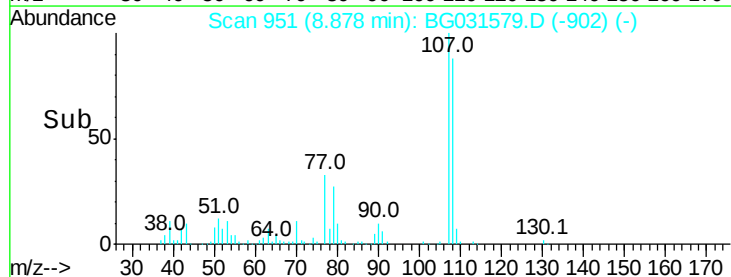
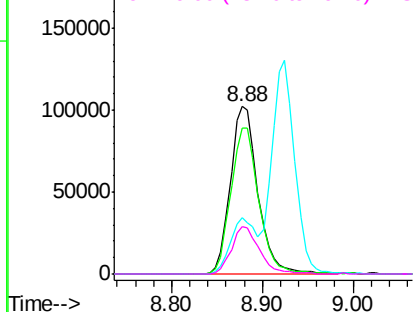


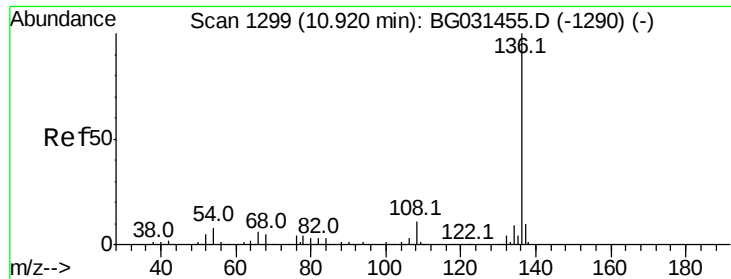
#20
3+4-Methylphenols
Concen: 36.399 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion: 107 Resp: 215735
Ion Ratio Lower Upper
107 100
108 87.6 61.6 101.6
77 33.9 13.9 53.9
79 28.4 8.8 48.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 312626

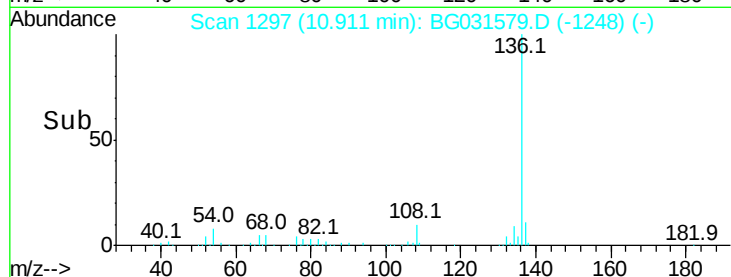
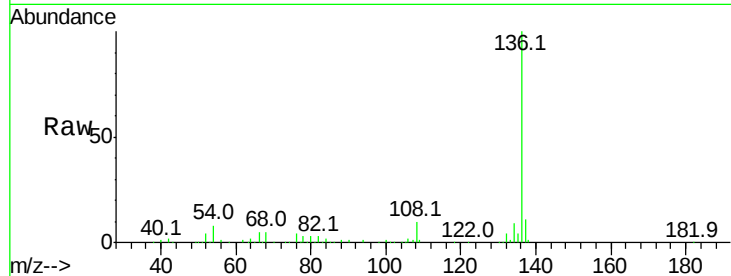
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.5 10.3 15.5#

68 4.7 4.5 6.7

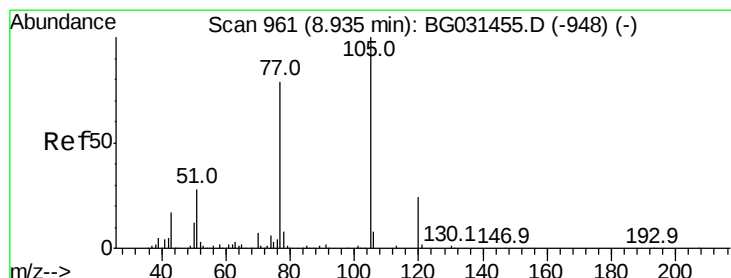
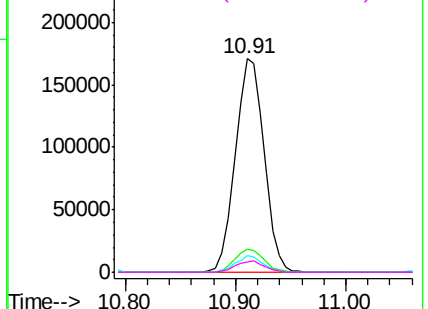


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.736 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Tgt Ion:105 Resp: 305516

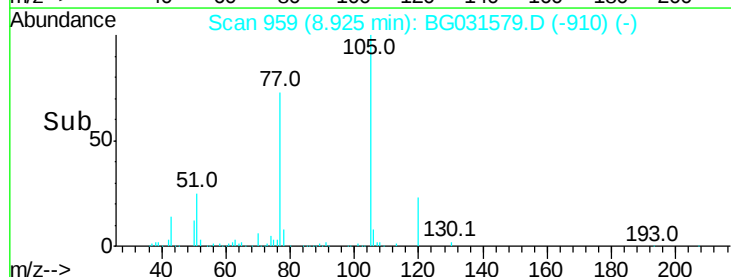
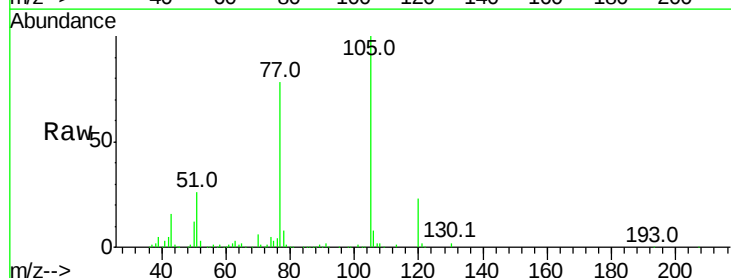
Ion Ratio Lower Upper

105 100

71 0.8 3.0 4.4#

51 26.0 26.1 39.1#

120 22.7 17.4 26.2

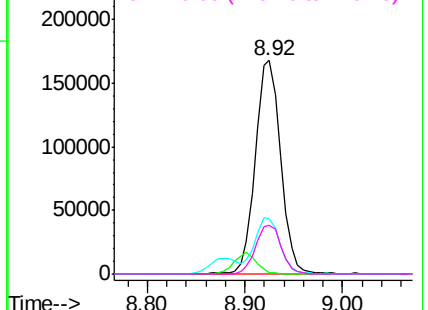


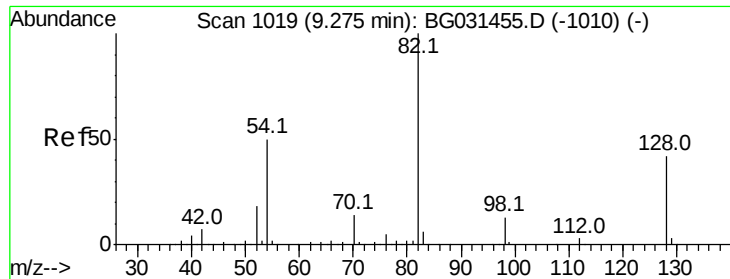
Abundance Ion 105.00 (104.70 to 105.70): E

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

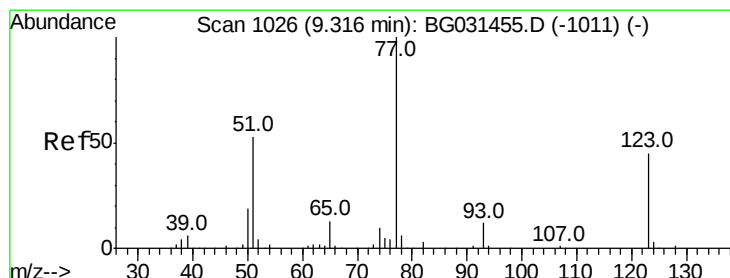
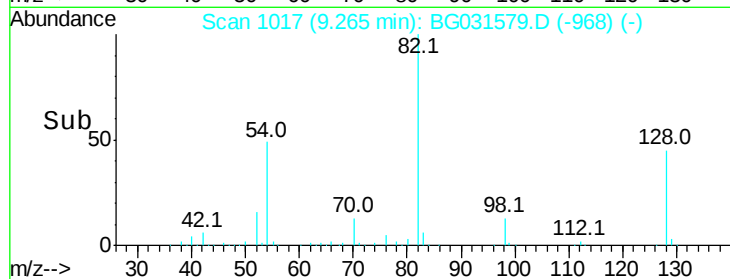
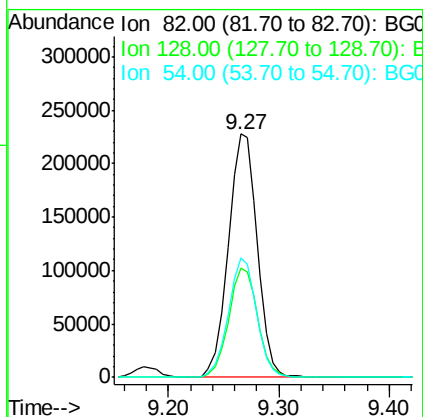
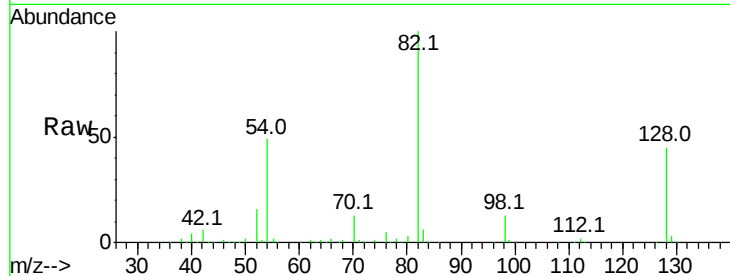




#23
 Nitrobenzene-d5
 Concen: 82.346 ng
 RT: 9.27 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

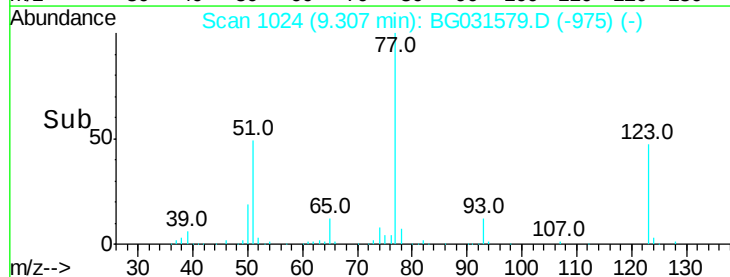
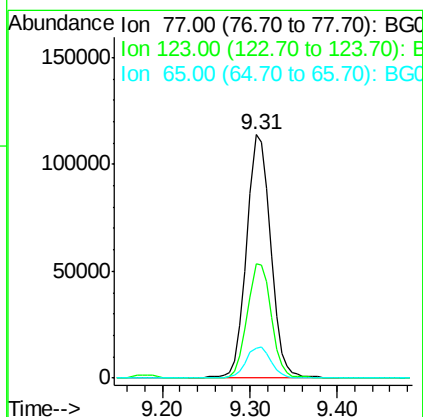
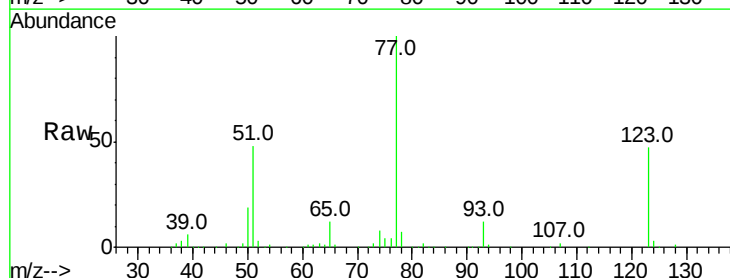
Instrument :
 BNA_G
 ClientSampleId :

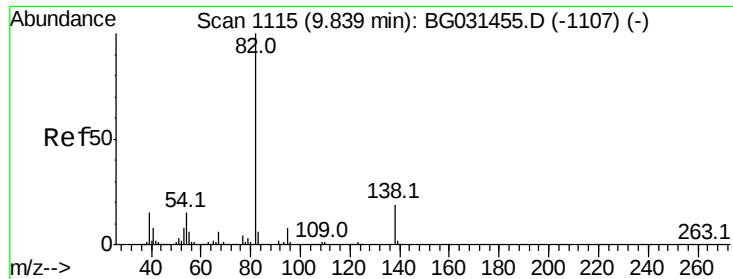
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	49.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 40.796 ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	33.0	49.6
65	12.3	13.0	19.6#





#25

Isophorone

Concen: 39.369 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

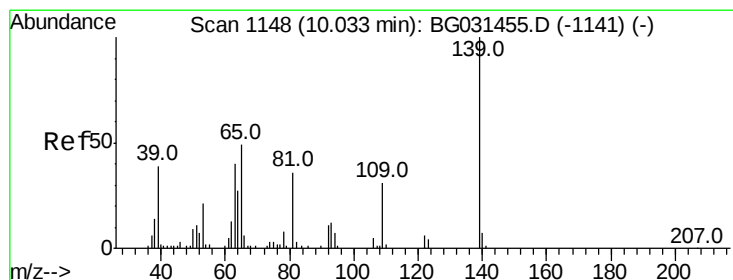
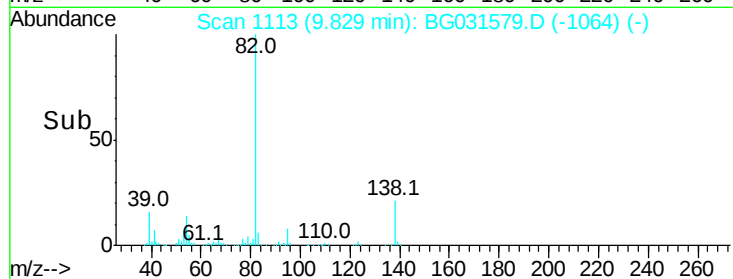
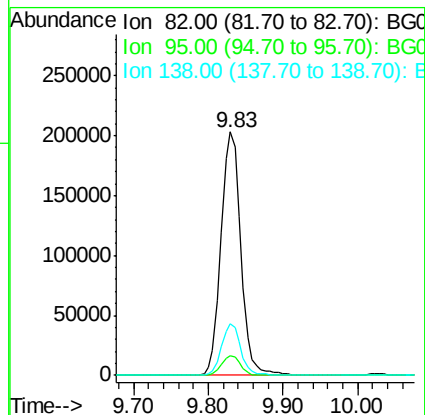
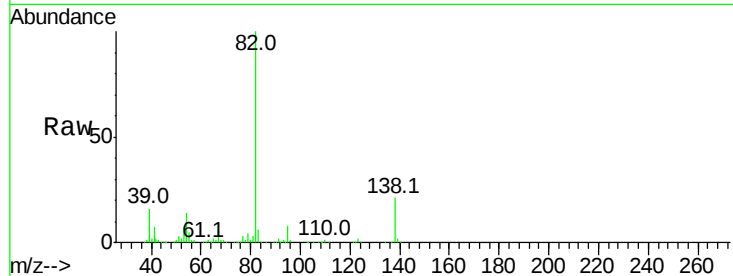
Tot Ion: 82 Resp: 377365

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 21.3 12.1 18.1#



#26

2-Nitrophenol

Concen: 44.412 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

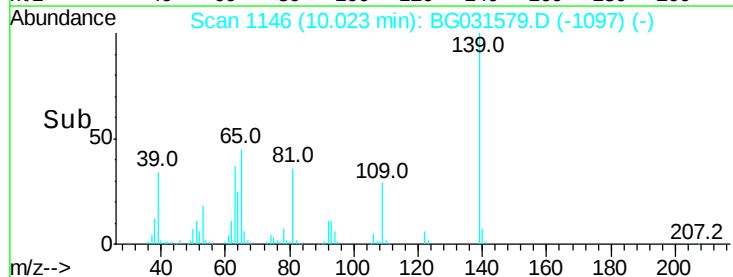
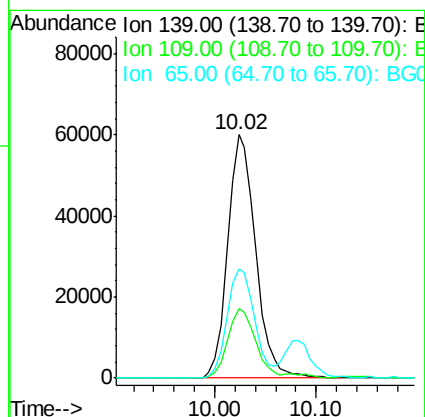
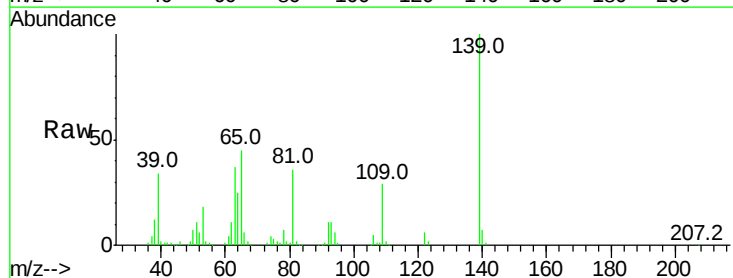
Tgt Ion: 139 Resp: 114140

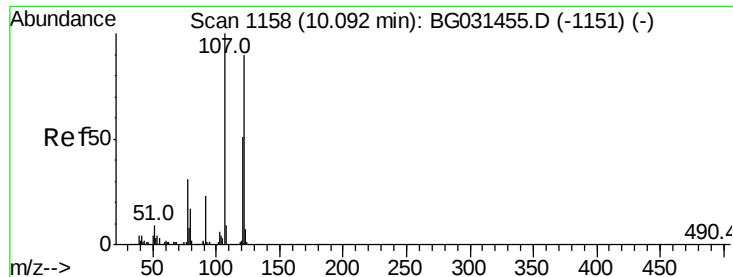
Ion Ratio Lower Upper

139 100

109 28.7 24.2 36.2

65 45.1 47.4 71.0#

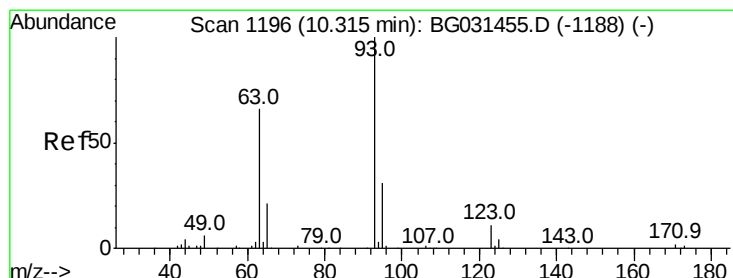
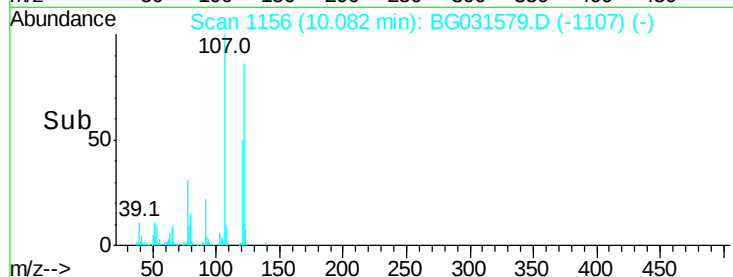
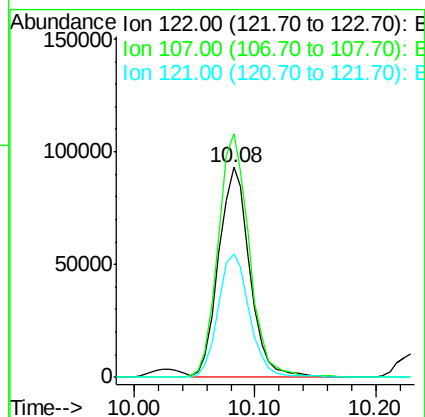
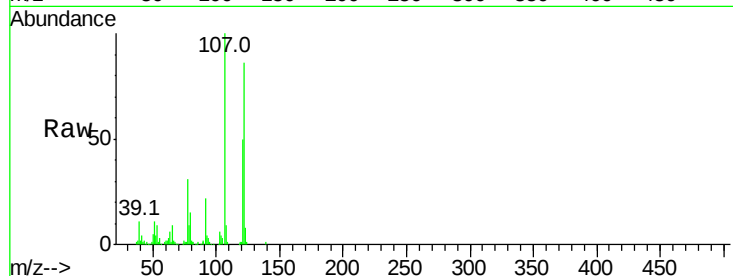




#27
2,4-Dimethylphenol
Concen: 41.838 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

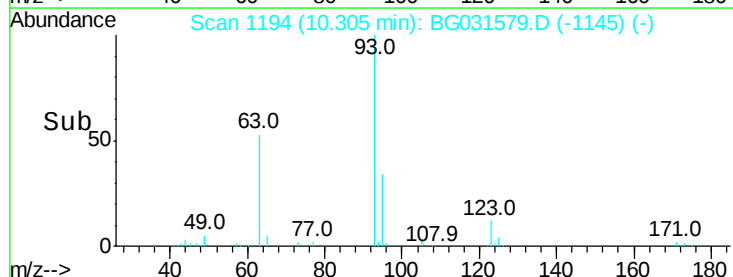
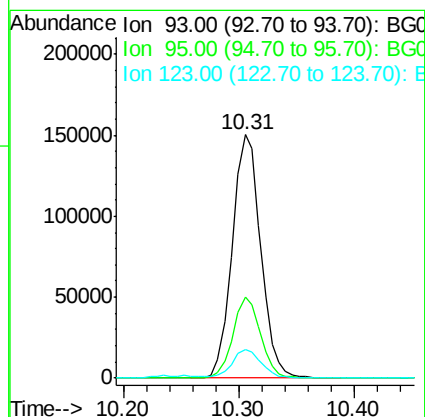
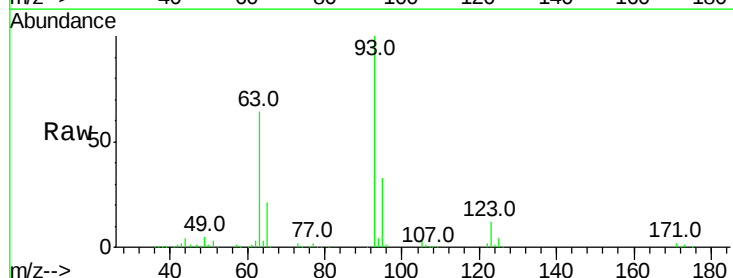
Instrument :
BNA_G
ClientSampled :

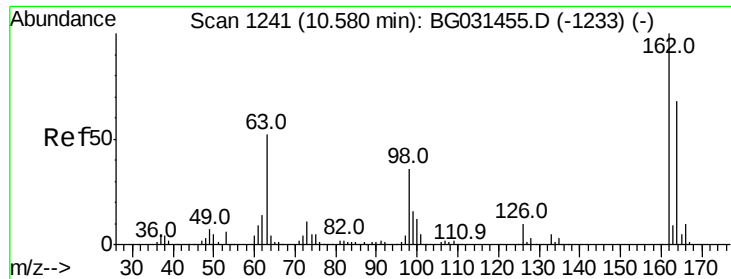
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	100.2	150.2
121	58.5	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.365 ng
RT: 10.31 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	12.0	8.4	12.6

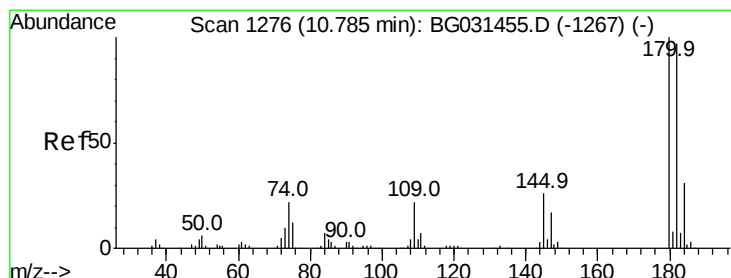
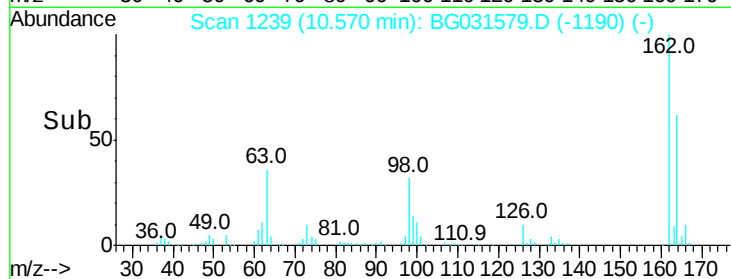
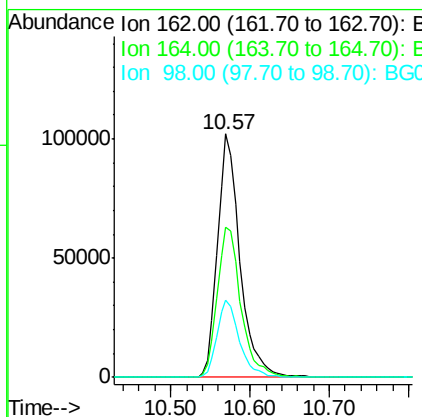
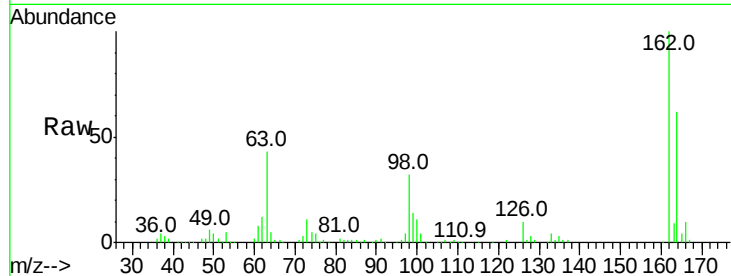




#29
 2,4-Dichlorophenol
 Concen: 43.557 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

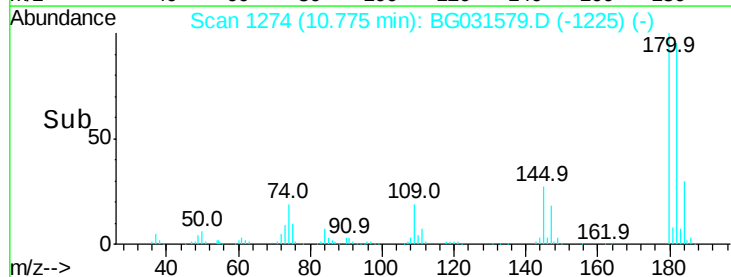
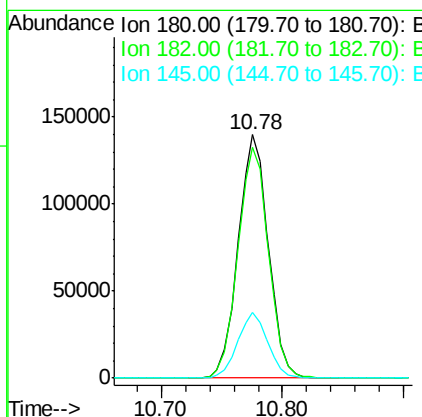
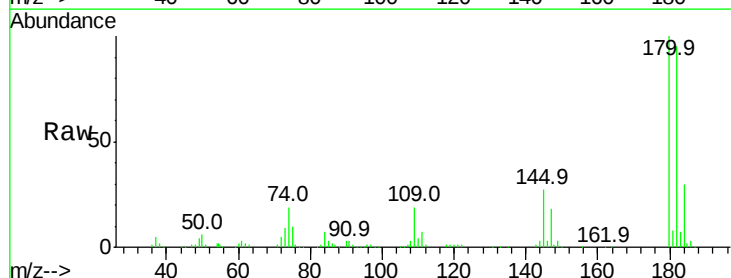
Instrument :
 BNA_G
 ClientSampleId :

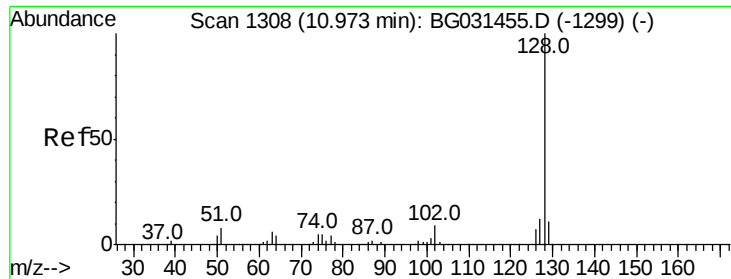
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	48.0	88.0
98	31.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.248 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.5	116.3
145	26.7	23.4	35.2

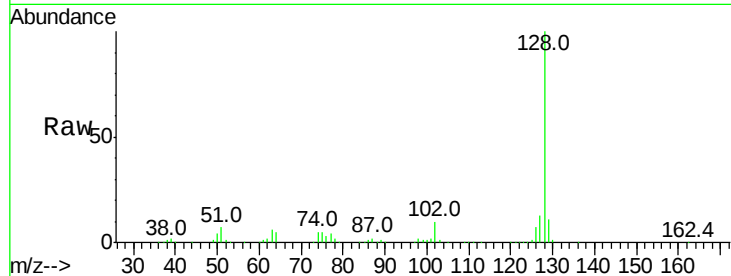




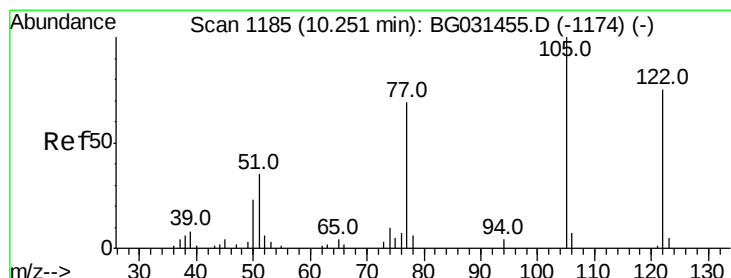
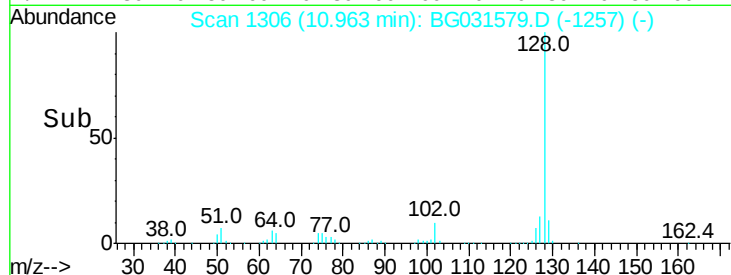
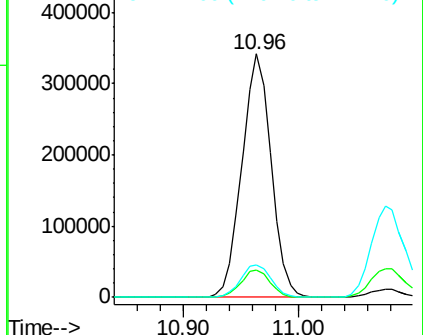
#31
Naphthalene
Concen: 39.150 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 601290
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.4 11.6 17.4

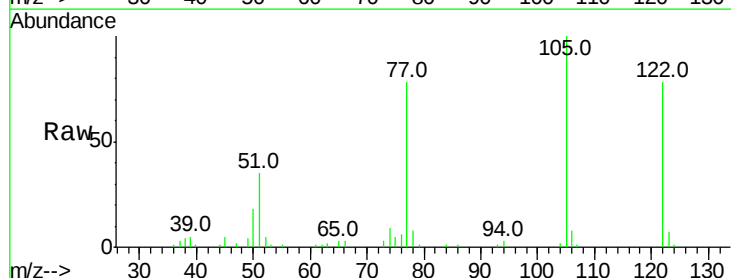


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

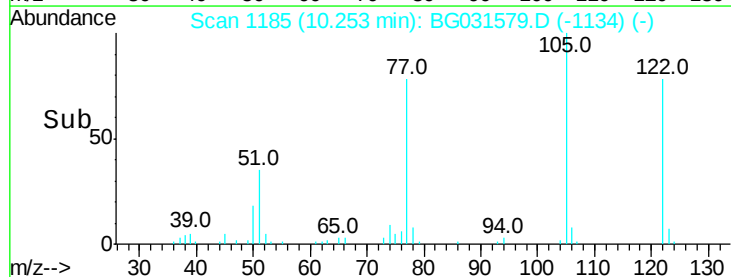
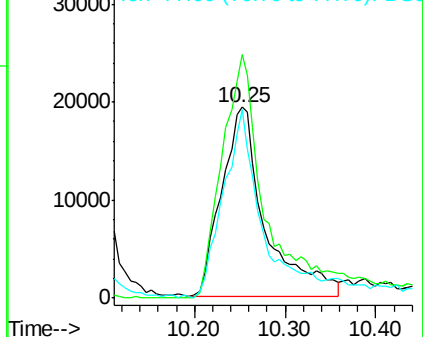


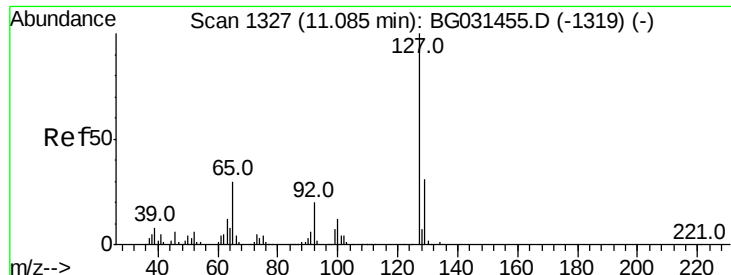
#32
Benzoic acid
Concen: 33.258 ng
RT: 10.25 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:122 Resp: 64581
Ion Ratio Lower Upper
122 100
105 127.6 123.5 163.5
77 99.1 85.7 125.7



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

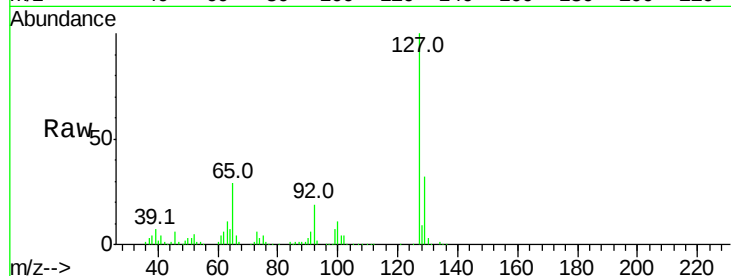




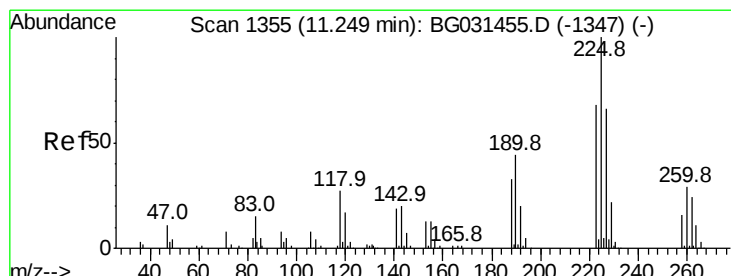
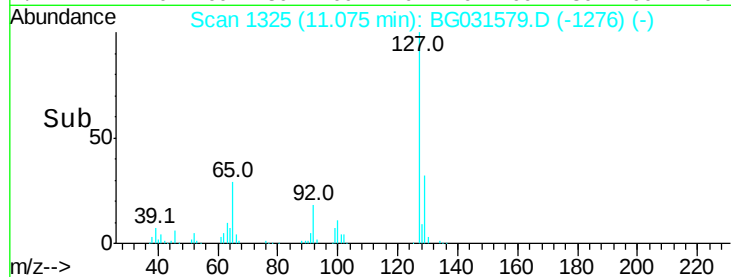
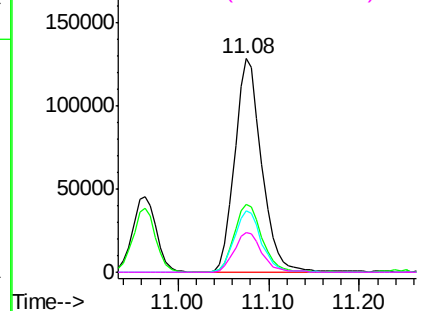
#33
4-Chloroaniline
Concen: 39.892 ng
RT: 11.08 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	266022
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	28.5	27.0	40.4
92	18.6	16.6	25.0

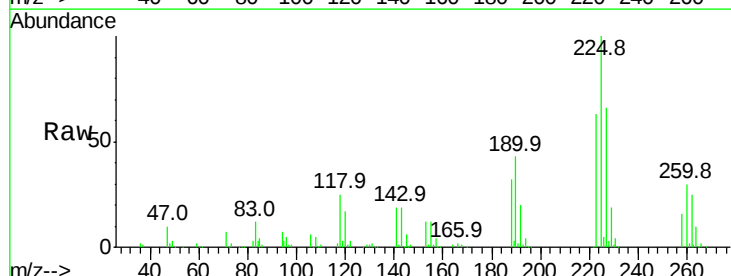


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

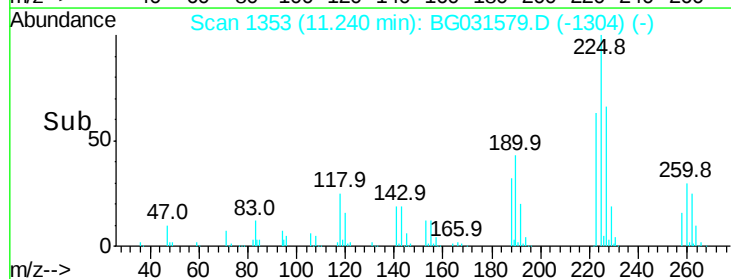
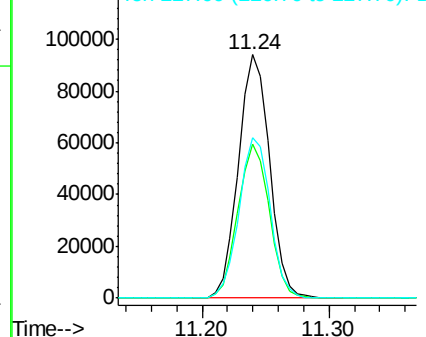


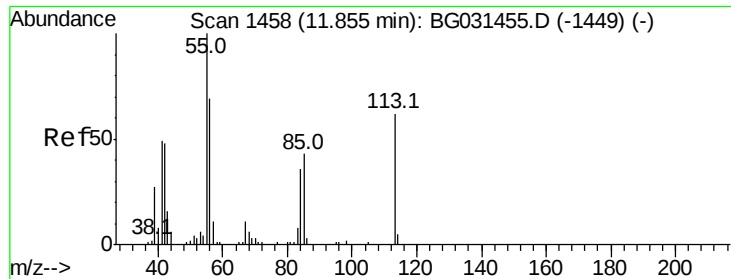
#34
Hexachlorobutadiene
Concen: 40.987 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:	225	Resp:	159741
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	66.0	48.1	72.1



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





#35

Caprolactam

Concen: 39.467 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

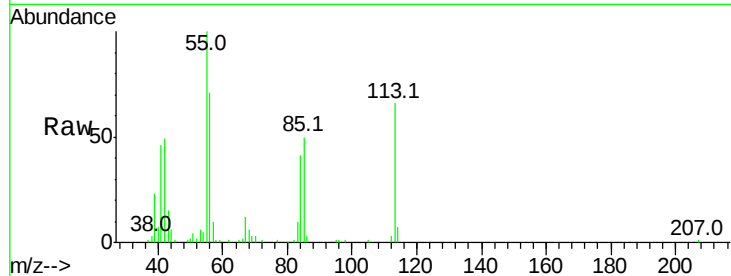
Tot Ion:113 Resp: 71284

Ion Ratio Lower Upper

113 100

55 151.8 186.9 226.9#

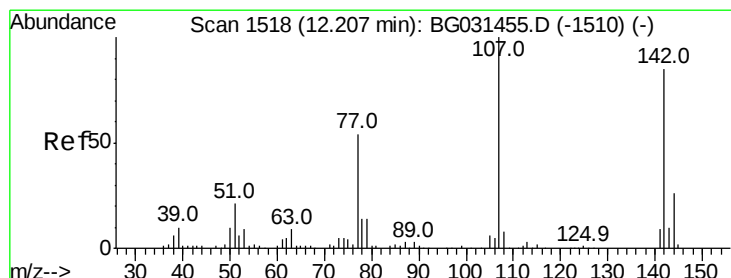
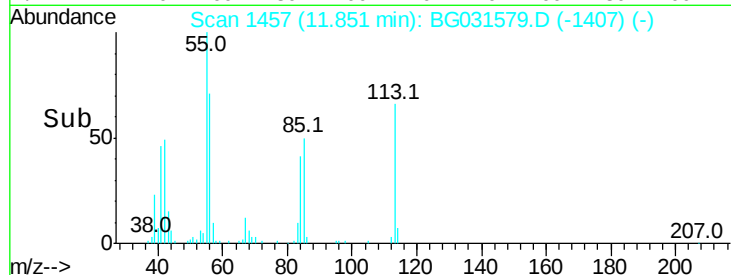
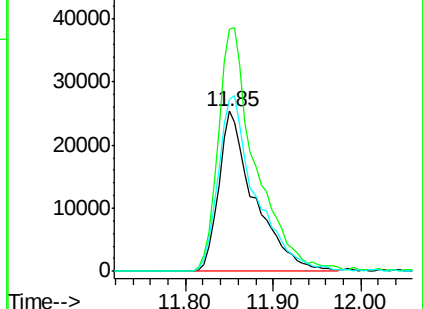
56 107.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.053 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

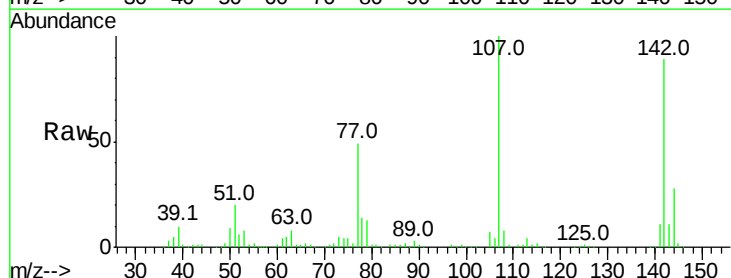
Tgt Ion:107 Resp: 205044

Ion Ratio Lower Upper

107 100

144 28.5 18.2 27.4#

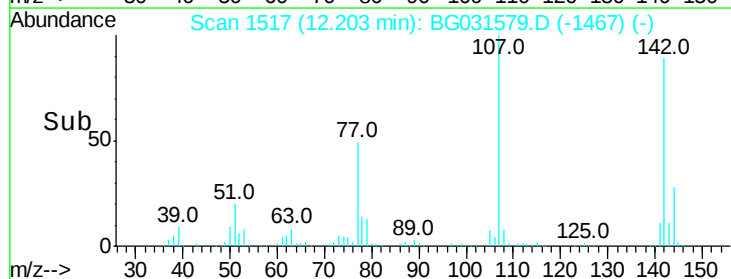
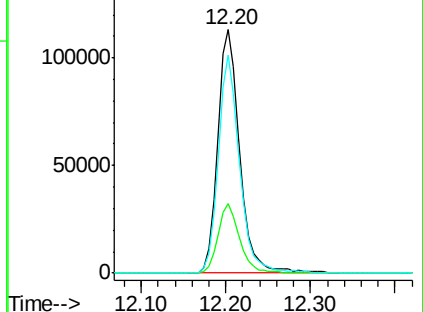
142 89.4 59.0 88.4#

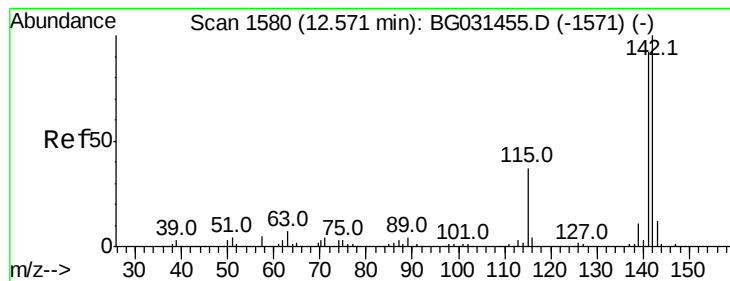


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.734 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

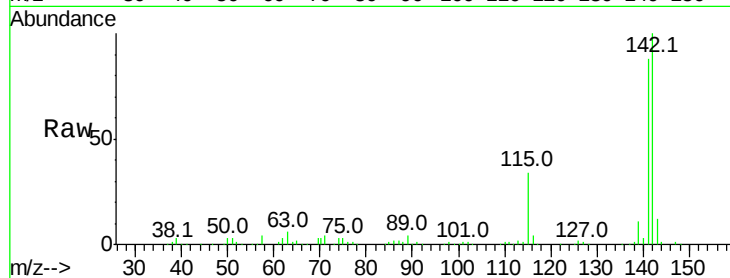
Tot Ion:142 Resp: 472501

Ion Ratio Lower Upper

142 100

141 88.3 67.1 100.7

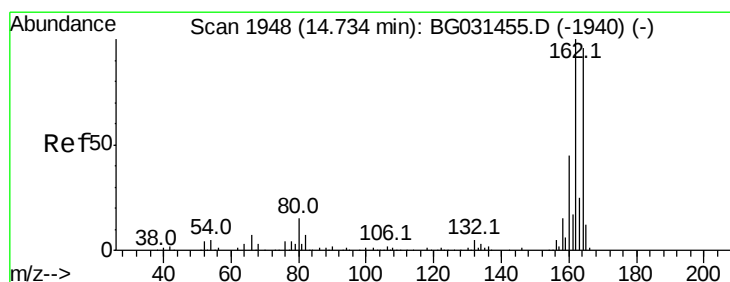
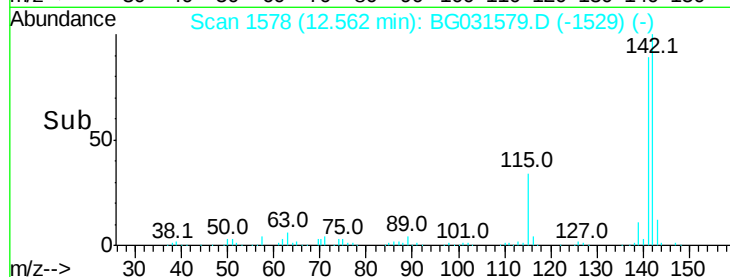
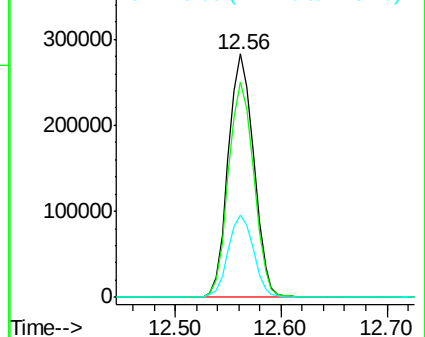
115 33.9 30.7 46.1



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: 14.72 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

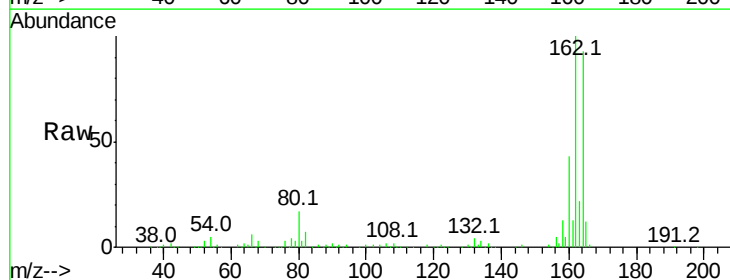
Tgt Ion:164 Resp: 202737

Ion Ratio Lower Upper

164 100

162 107.8 78.8 118.2

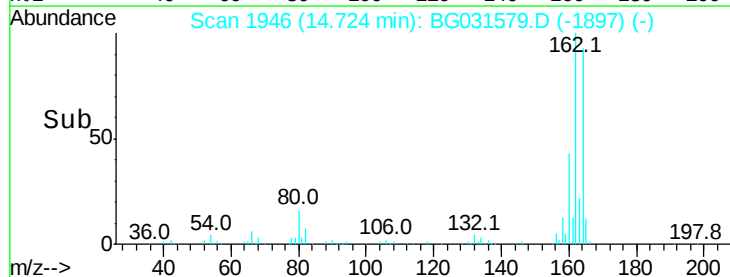
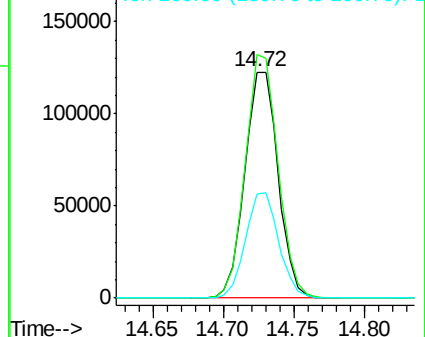
160 46.2 35.4 53.0

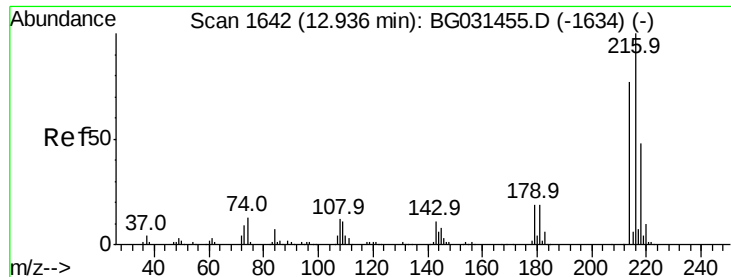


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.089 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 341415

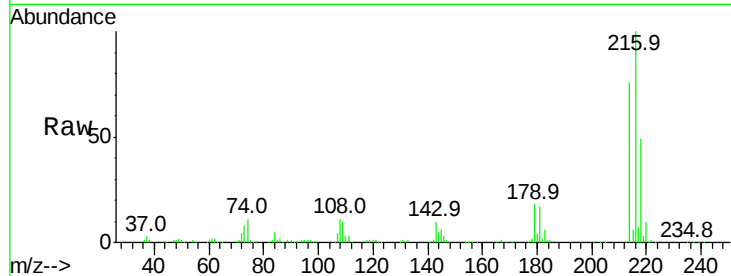
Ion Ratio Lower Upper

216 100

214 77.2 63.0 94.4

179 18.6 17.0 25.6

108 11.9 12.8 19.2#

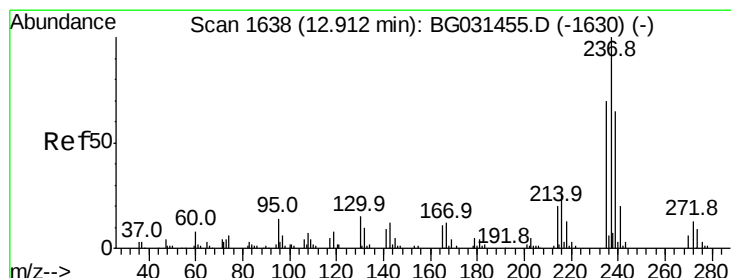
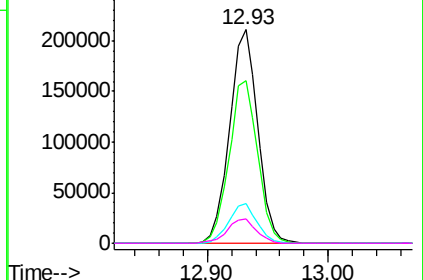
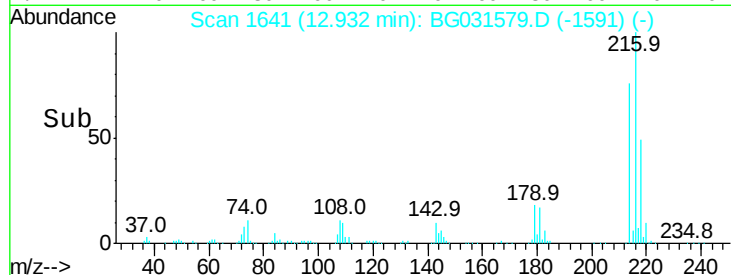


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.193 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

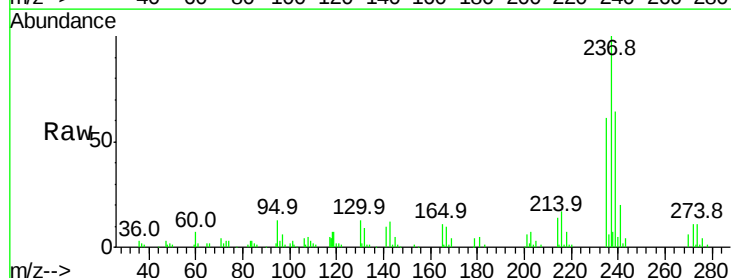
Tgt Ion:237 Resp: 61330

Ion Ratio Lower Upper

237 100

235 61.0 50.4 90.4

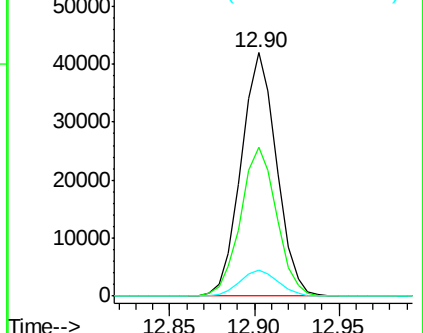
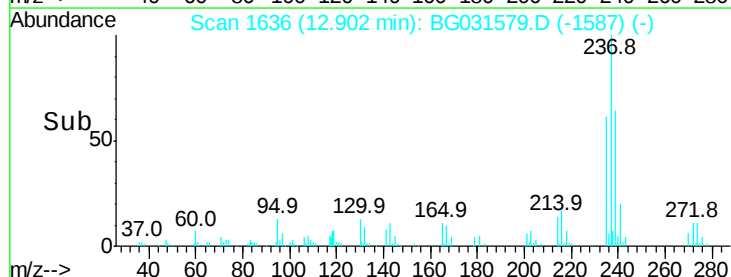
272 10.9 0.0 31.8

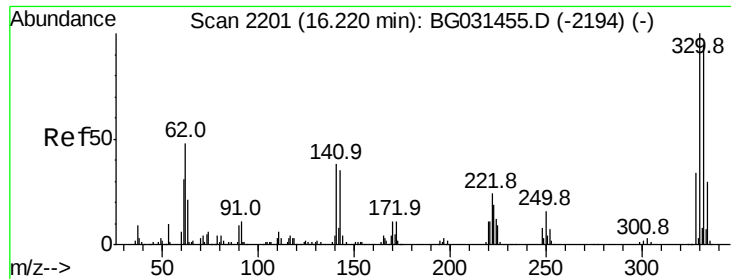


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

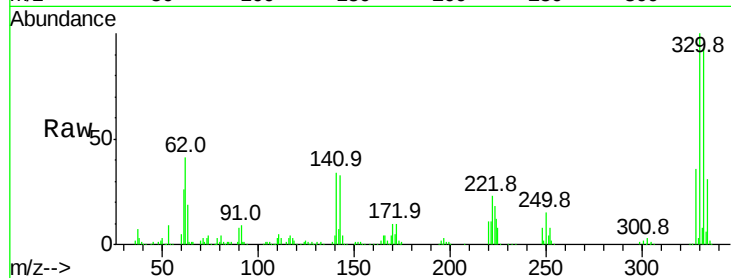




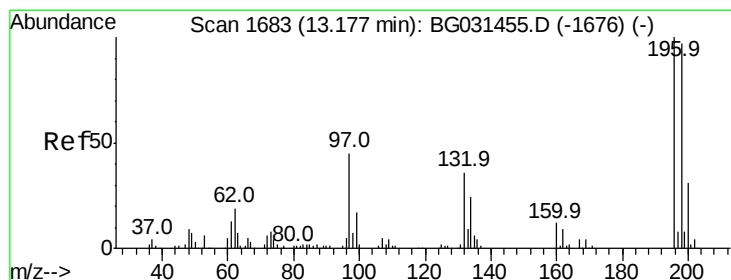
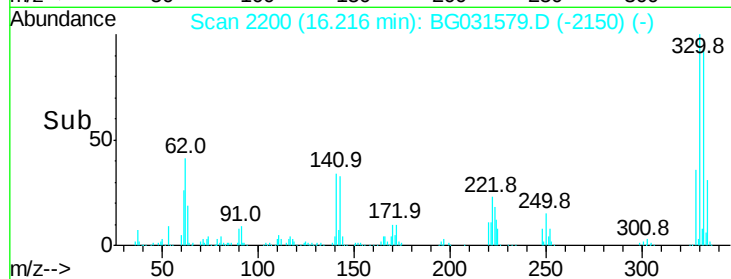
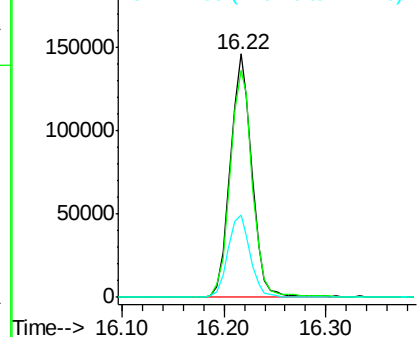
#41
 2,4,6-Tribromophenol
 Concen: 90.800 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	35.0	25.2	37.8

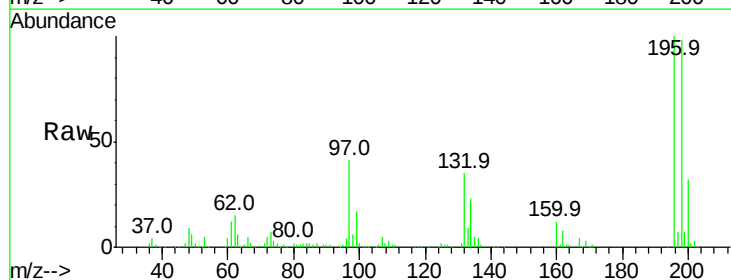


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

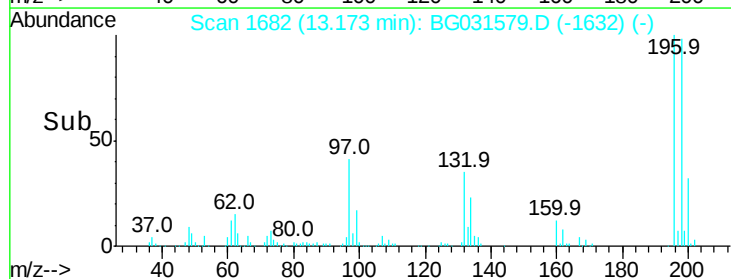
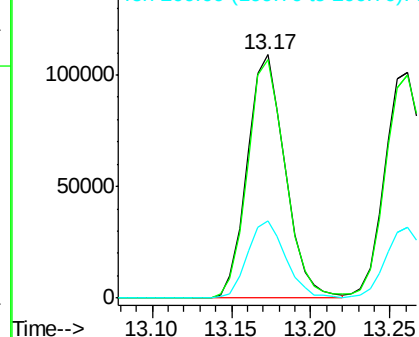


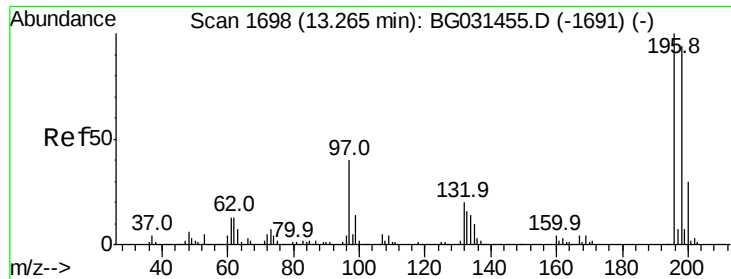
#42
 2,4,6-Trichlorophenol
 Concen: 44.736 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.2	117.2
200	31.7	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

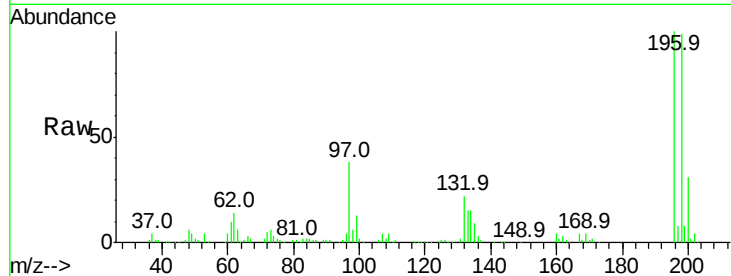




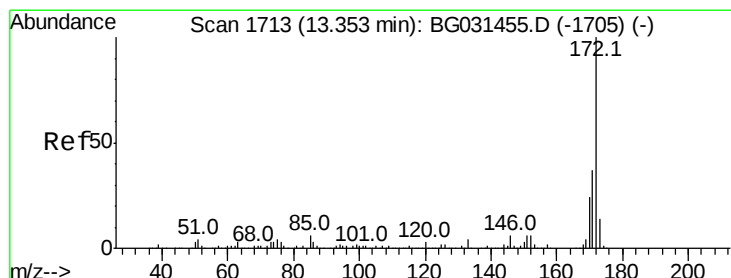
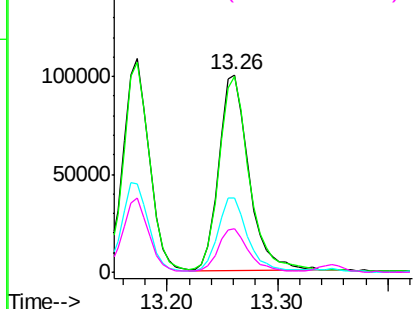
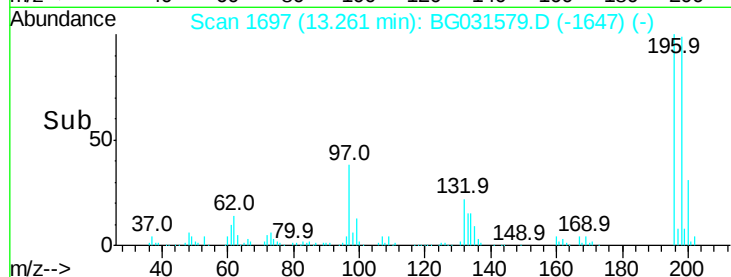
#43
 2,4,5-Trichlorophenol
 Concen: 43.951 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	191660
Ion	Ratio	Lower	Upper
196	100		
198	98.9	76.2	114.4
97	37.5	38.7	58.1#
132	22.3	20.2	30.2

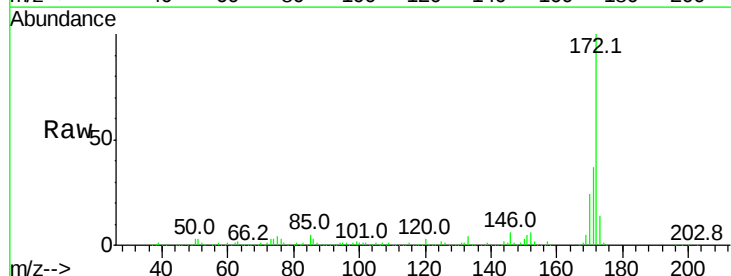


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

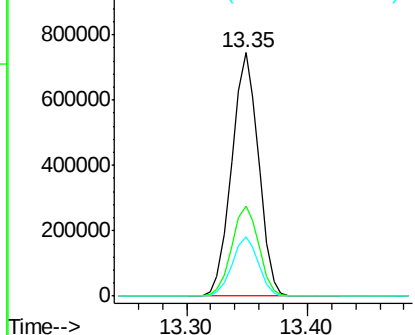
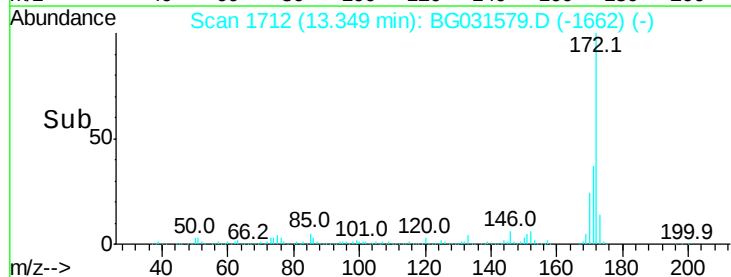


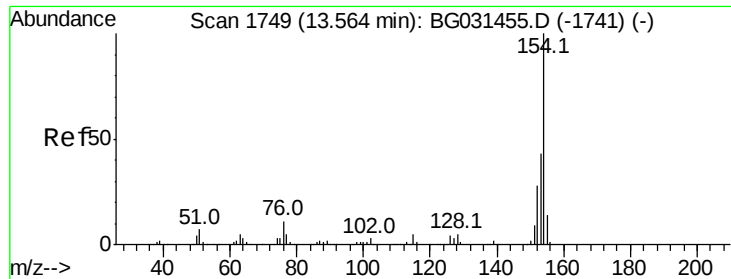
#44
 2-Fluorobiphenyl
 Concen: 83.444 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:	172	Resp:	1152505
Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.1	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

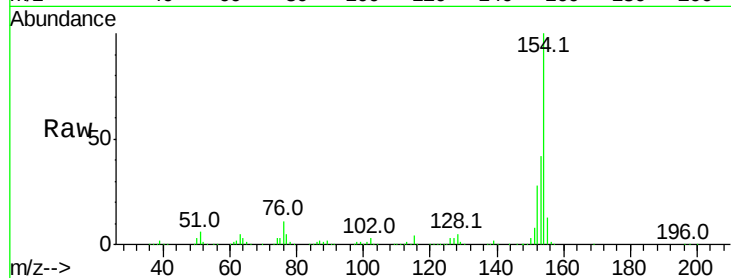




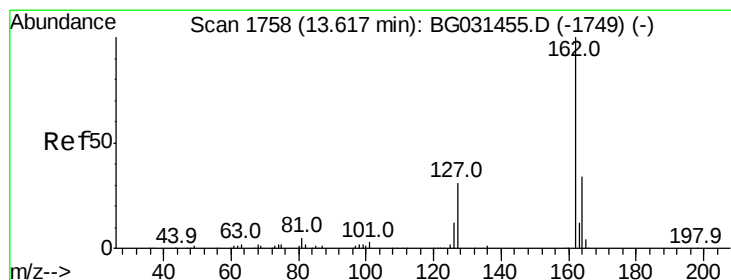
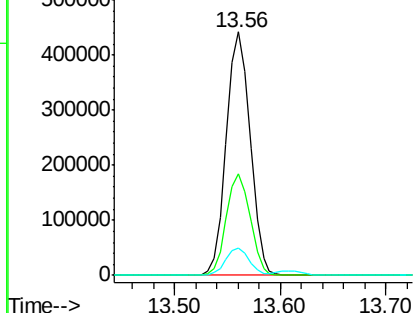
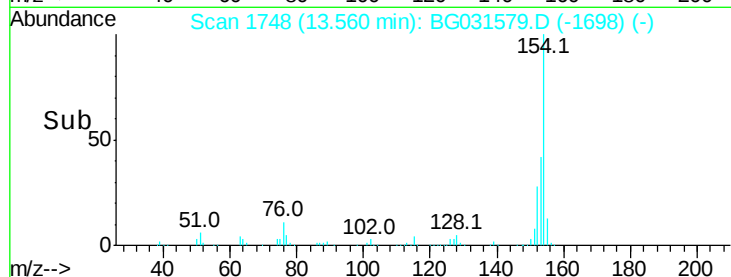
#45
 1,1'-Biphenyl
 Concen: 41.396 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 689310
 Ion Ratio Lower Upper
 154 100
 153 41.8 19.8 59.8
 76 11.3 0.0 31.9

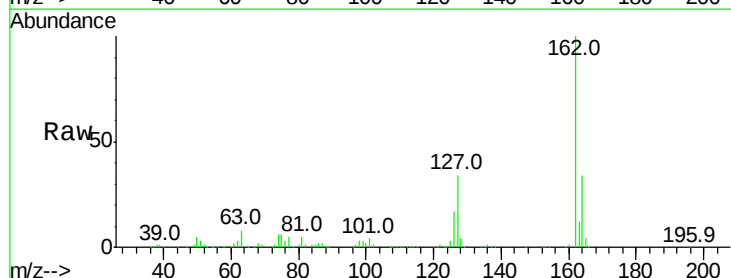


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

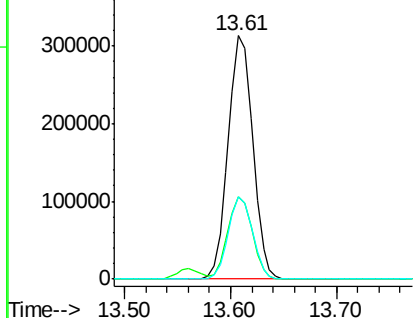
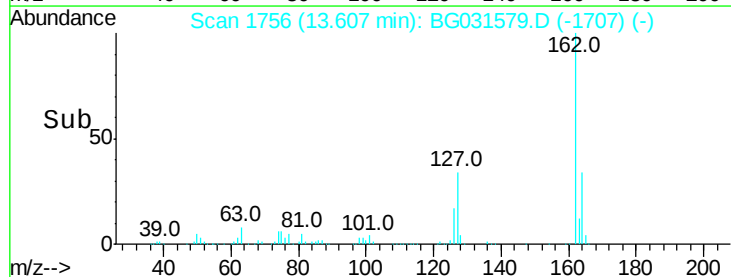


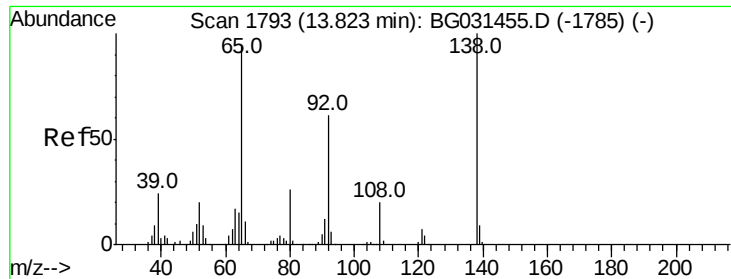
#46
 2-Chloronaphthalene
 Concen: 41.498 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:162 Resp: 505759
 Ion Ratio Lower Upper
 162 100
 127 33.9 30.7 46.1
 164 33.6 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.931 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

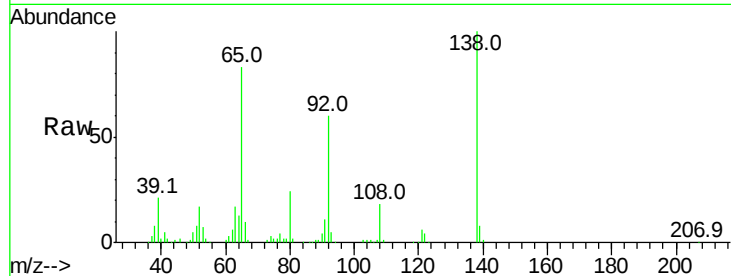
Tot Ion: 65 Resp: 136754

Ion Ratio Lower Upper

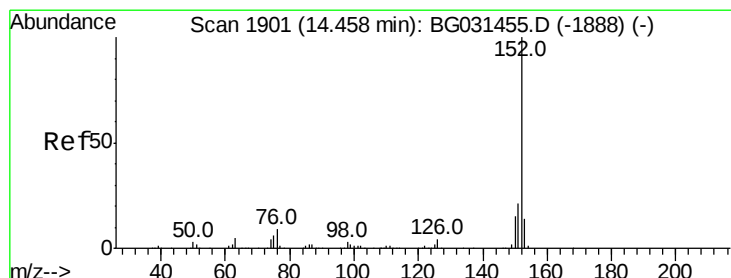
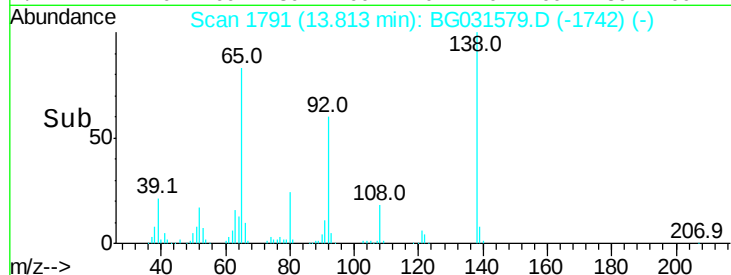
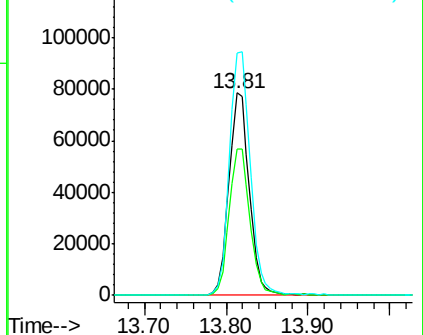
65 100

92 72.3 54.6 82.0

138 119.8 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 40.811 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

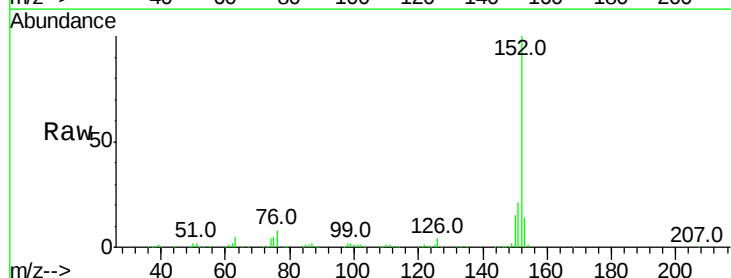
Tgt Ion: 152 Resp: 800328

Ion Ratio Lower Upper

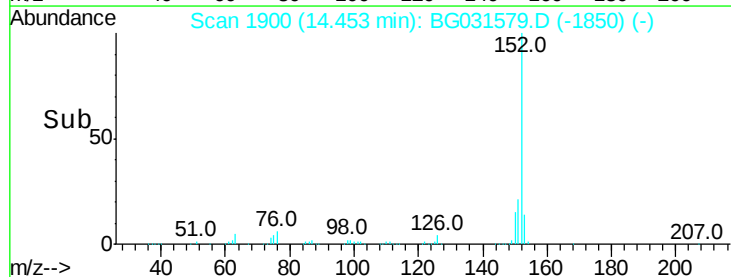
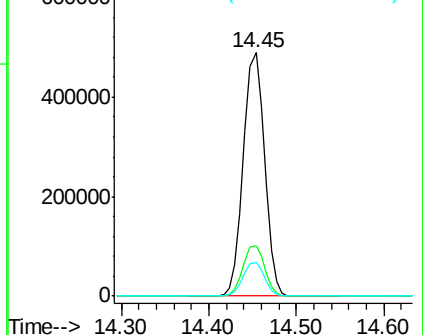
152 100

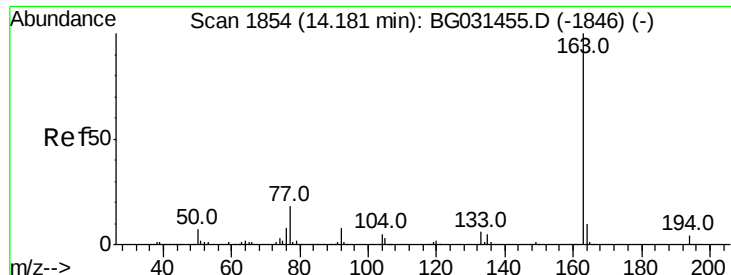
151 20.6 17.2 25.8

153 13.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 41.339 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampled :

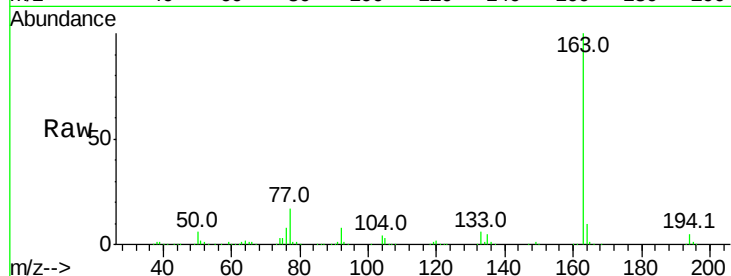
Tot Ion:163 Resp: 693861

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

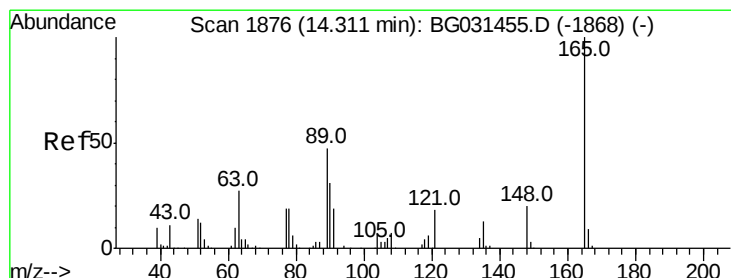
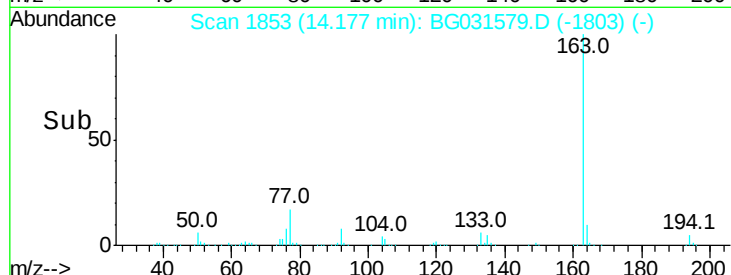
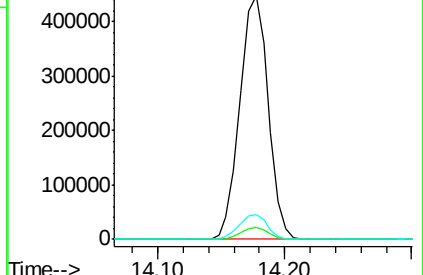
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.438 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

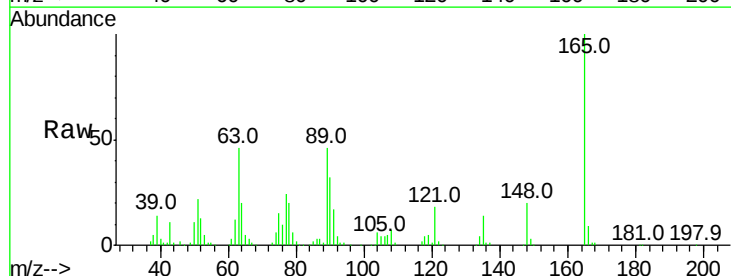
Tgt Ion:165 Resp: 152251

Ion Ratio Lower Upper

165 100

63 45.6 52.7 79.1#

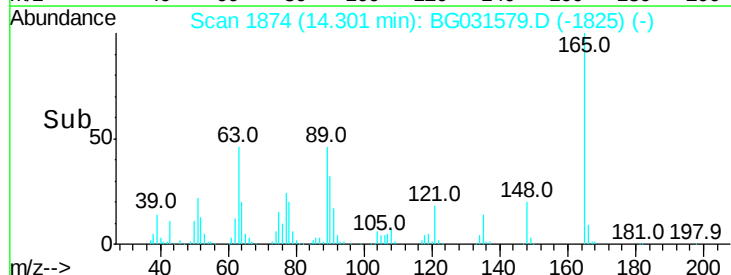
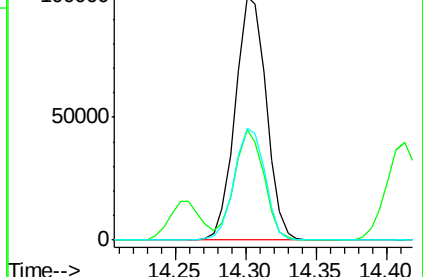
89 45.7 49.2 73.8#

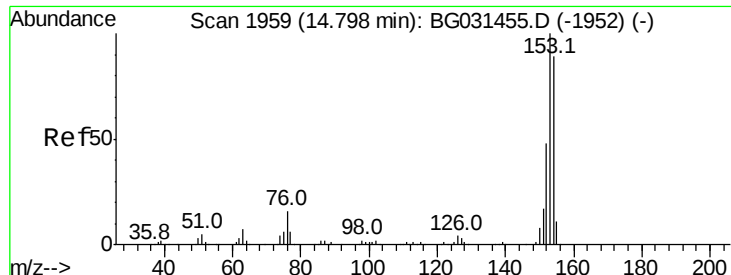


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.905 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

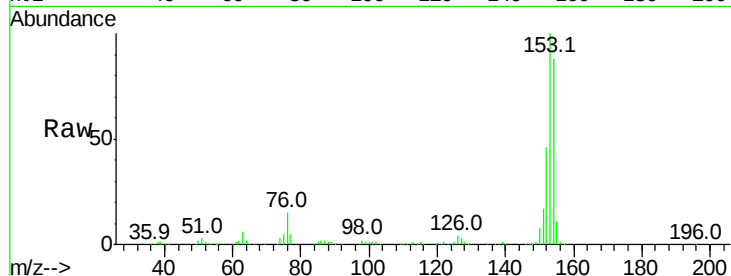
Tot Ion:154 Resp: 507218

Ion Ratio Lower Upper

154 100

153 113.9 90.4 135.6

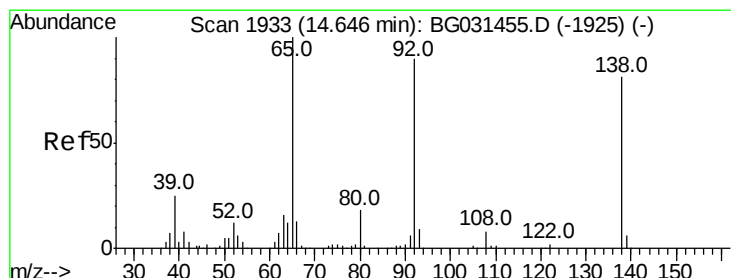
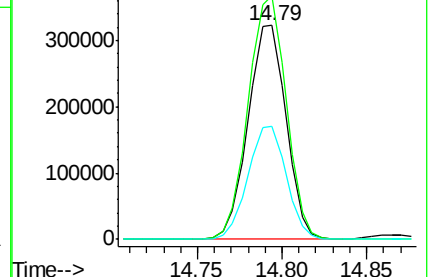
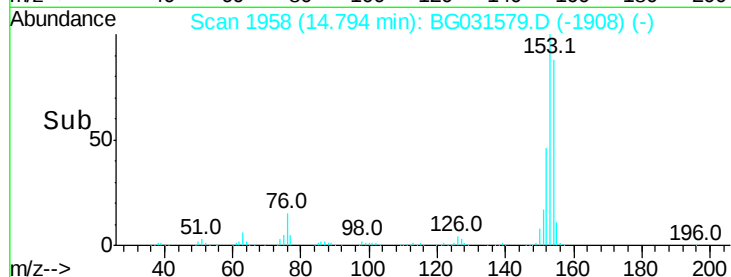
152 52.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.653 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

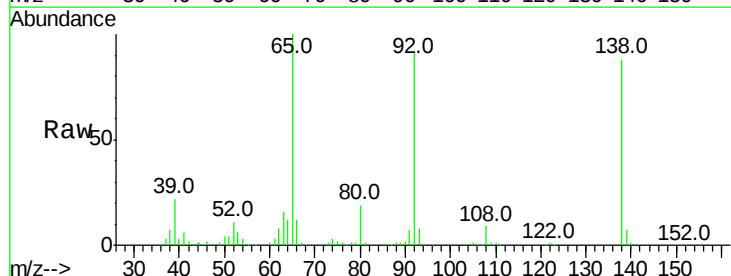
Tgt Ion:138 Resp: 152333

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

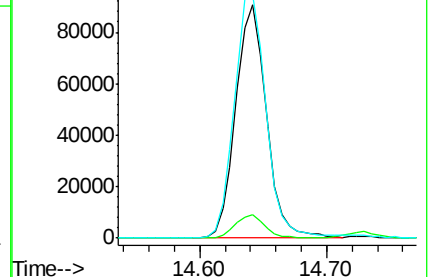
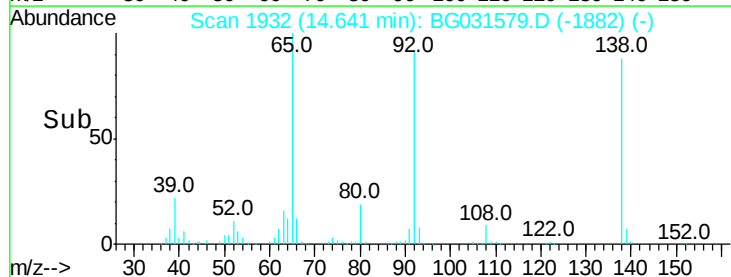
92 104.3 105.8 158.8#

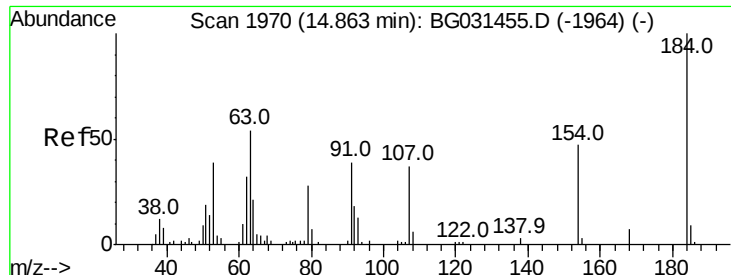


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

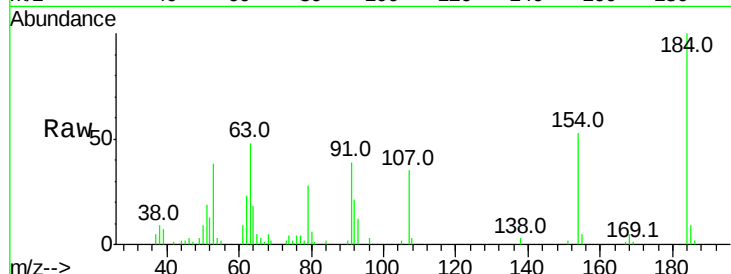




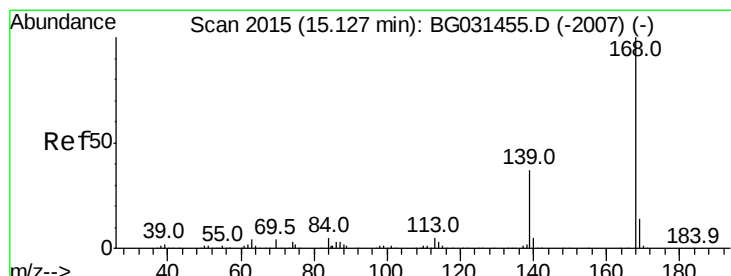
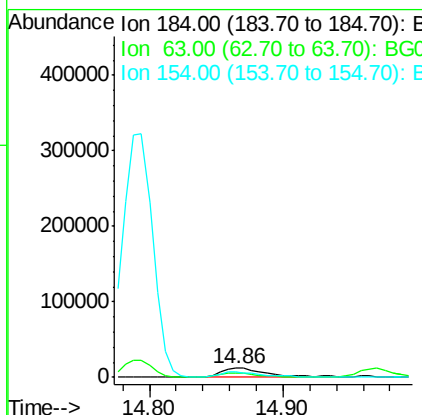
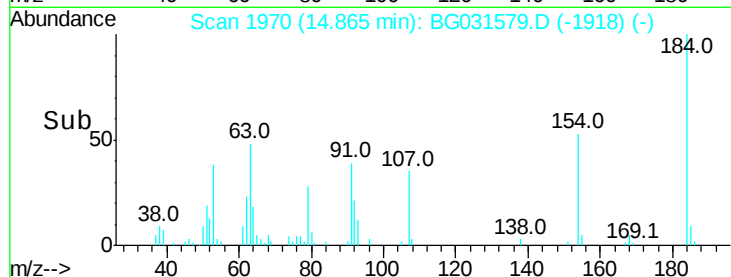
#53
 2,4-Dinitrophenol
 Concen: 26.957 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 30227
 Ion Ratio Lower Upper
 184 100
 63 47.7 59.8 89.8#
 154 53.5 101.8 152.8#

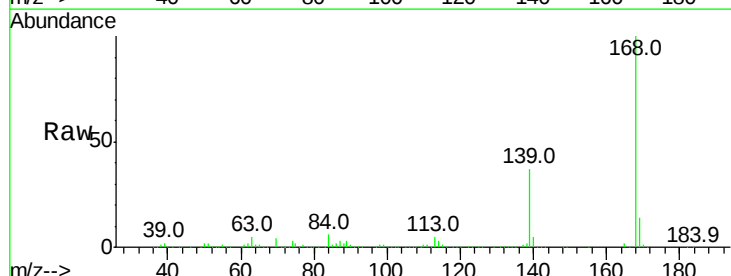


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

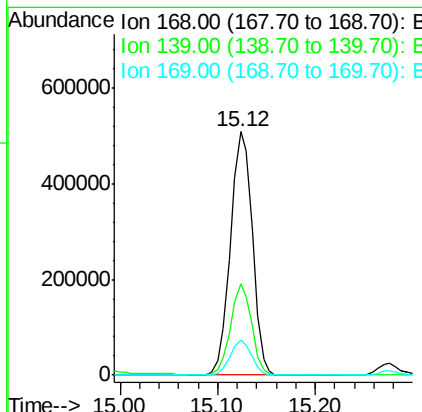
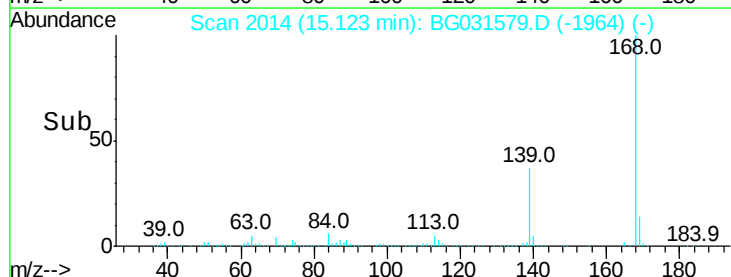


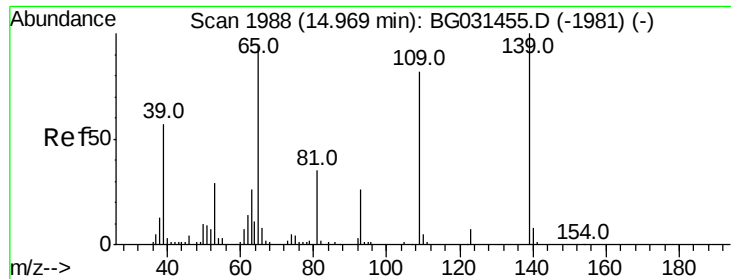
#54
 Dibenzofuran
 Concen: 39.992 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:168 Resp: 791325
 Ion Ratio Lower Upper
 168 100
 139 37.4 28.6 43.0
 169 14.5 11.2 16.8



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

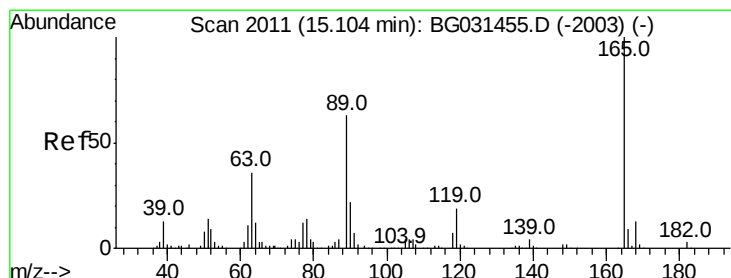
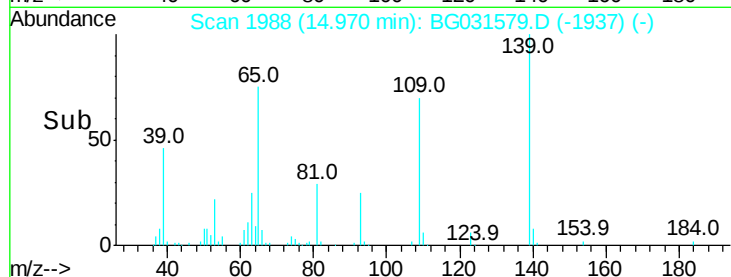
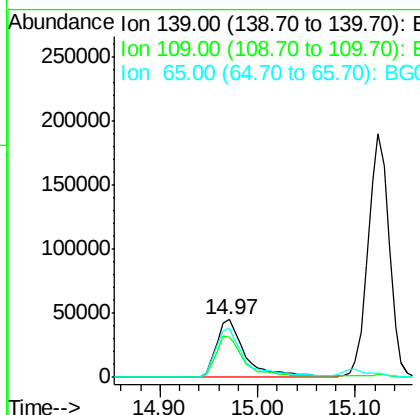
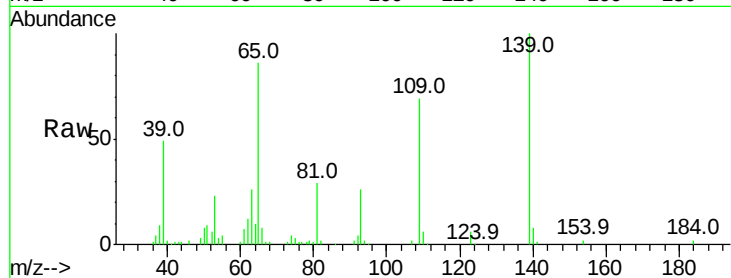




#55
4-Nitrophenol
Concen: 40.324 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

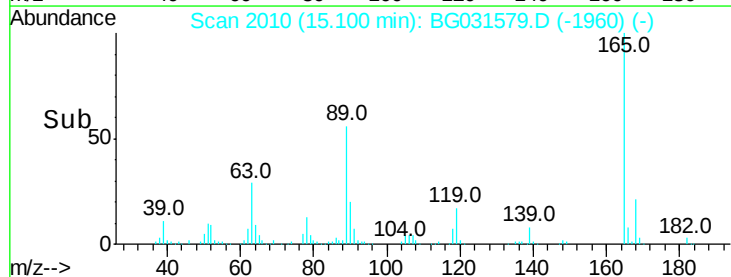
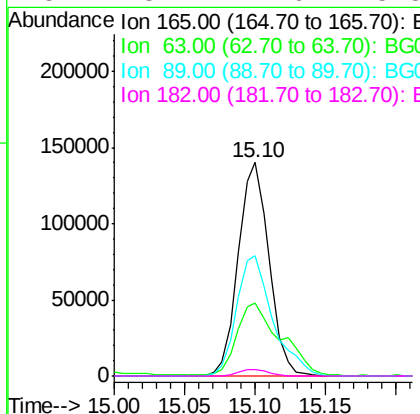
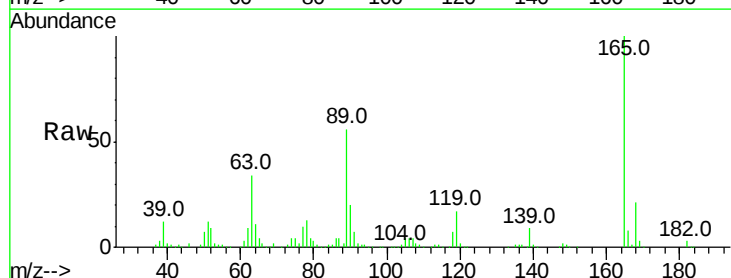
Instrument :
BNA_G
ClientSampleId :

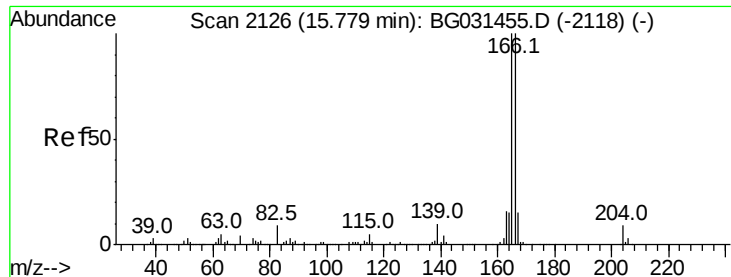
Tot Ion:139 Resp: 95104
Ion Ratio Lower Upper
139 100
109 68.9 62.2 102.2
65 86.2 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.879 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:165 Resp: 213400
Ion Ratio Lower Upper
165 100
63 34.4 42.0 63.0#
89 56.2 66.9 100.3#
182 3.2 2.6 3.8

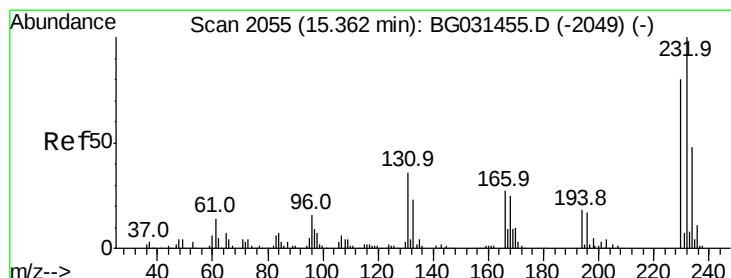
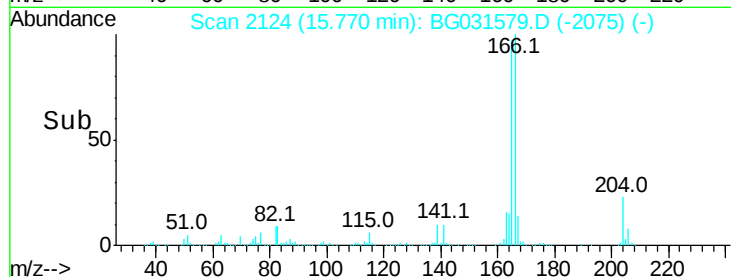
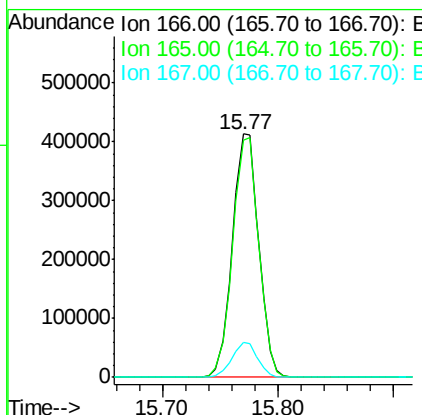
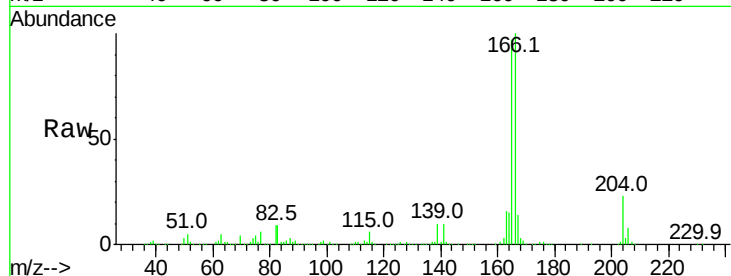




#57
 Fluorene
 Concen: 41.043 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

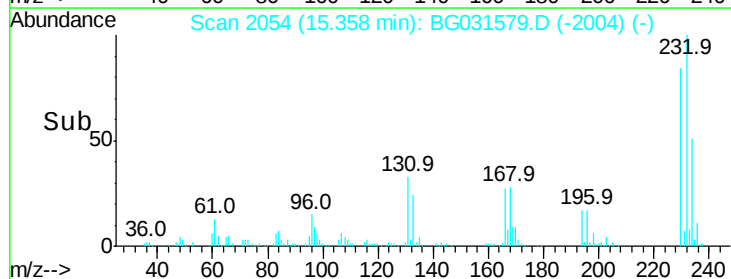
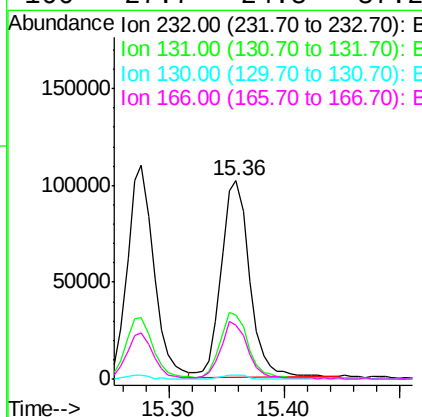
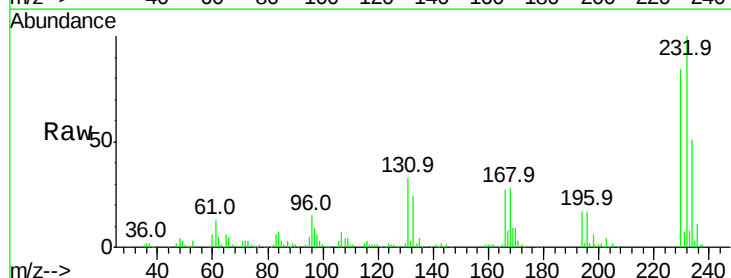
Instrument :
 BNA_G
 ClientSampled :

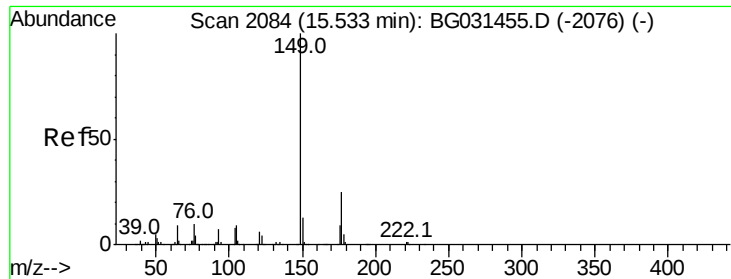
Tot Ion:166 Resp: 650721
 Ion Ratio Lower Upper
 166 100
 165 97.3 80.6 121.0
 167 14.1 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.534 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:232 Resp: 174340
 Ion Ratio Lower Upper
 232 100
 131 33.1 33.5 50.3#
 130 2.1 2.2 3.2#
 166 27.7 24.8 37.2

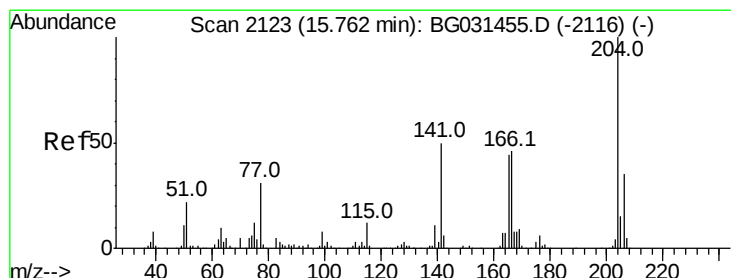
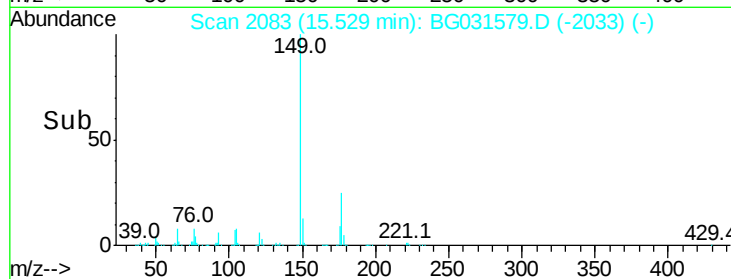
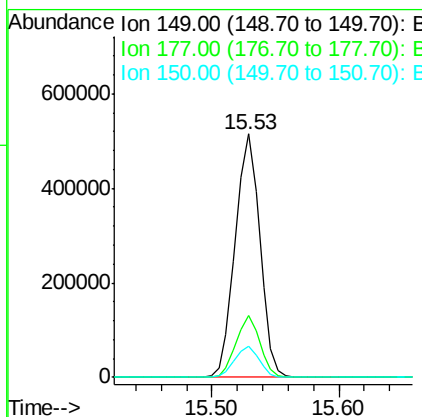
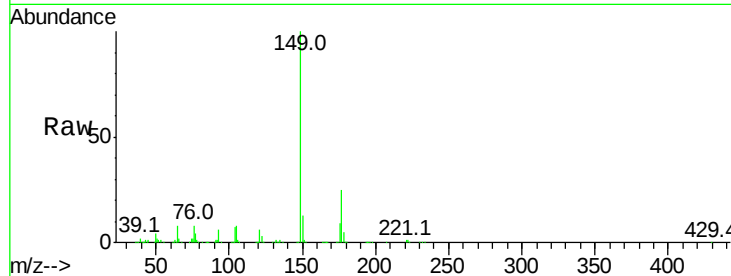




#59
Diethylphthalate
Concen: 41.078 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

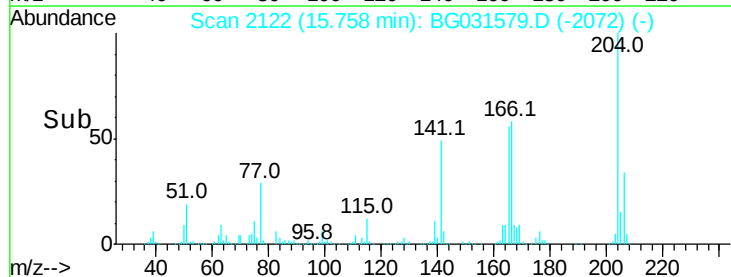
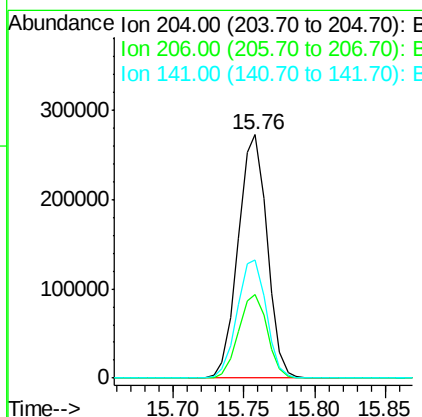
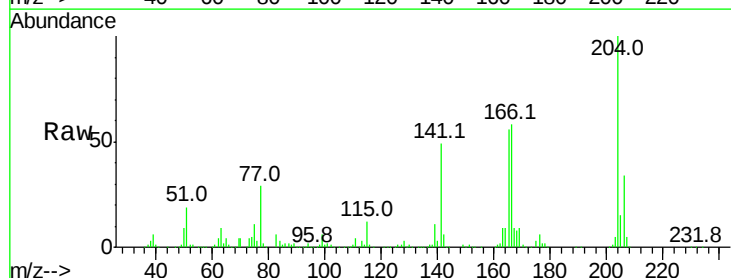
Instrument :
BNA_G
ClientSampleId :

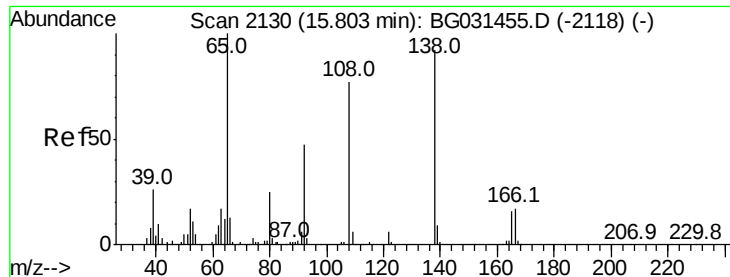
Tot Ion:149 Resp: 691104
Ion Ratio Lower Upper
149 100
177 25.2 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.177 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:204 Resp: 389728
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 48.7 45.8 68.6

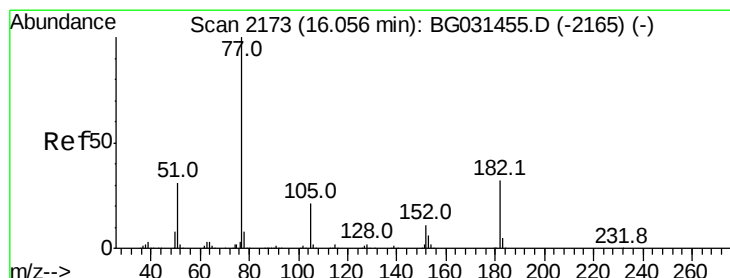
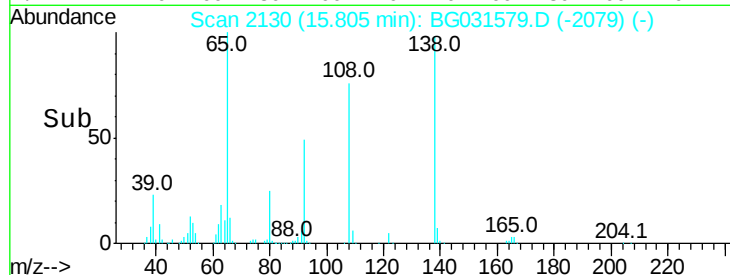
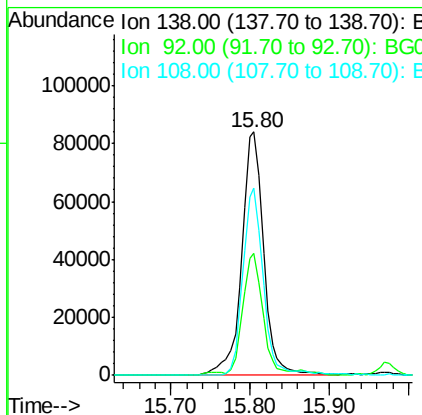
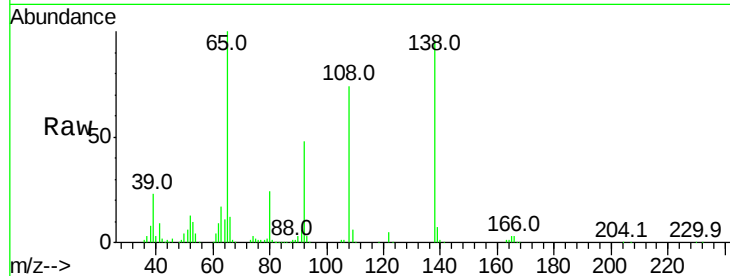




#61
4-Nitroaniline
Concen: 42.354 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

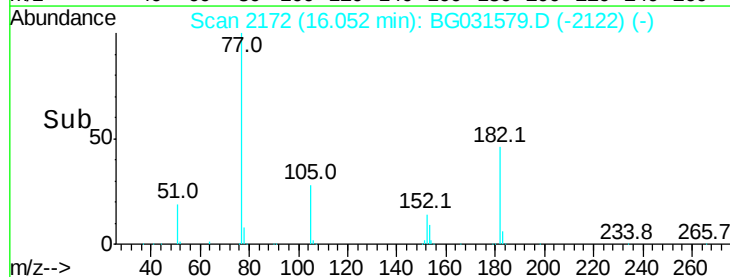
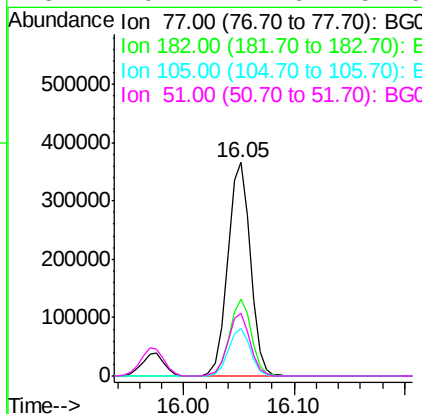
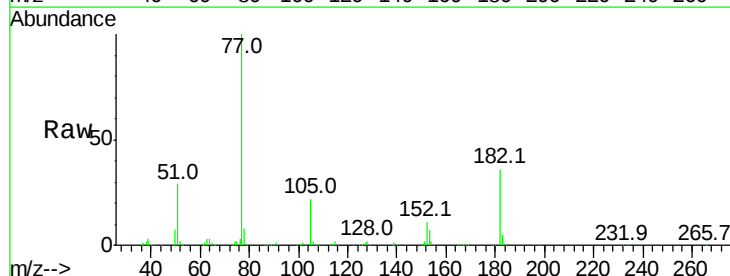
Instrument :
BNA_G
ClientSampleId :

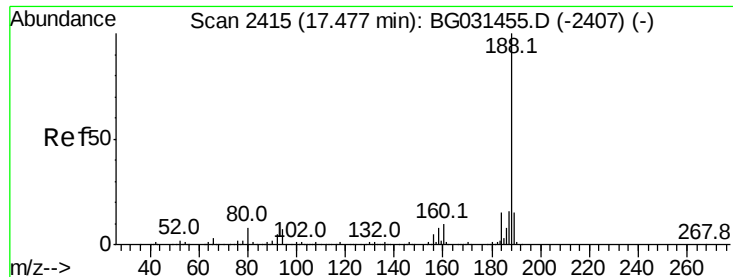
Tot Ion:138 Resp: 162547
Ion Ratio Lower Upper
138 100
92 49.9 40.1 80.1
108 76.9 65.4 105.4



#62
Azobenzene
Concen: 37.557 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion: 77 Resp: 523422
Ion Ratio Lower Upper
77 100
182 36.0 7.4 47.4
105 22.4 0.3 40.3
51 29.2 11.6 51.6

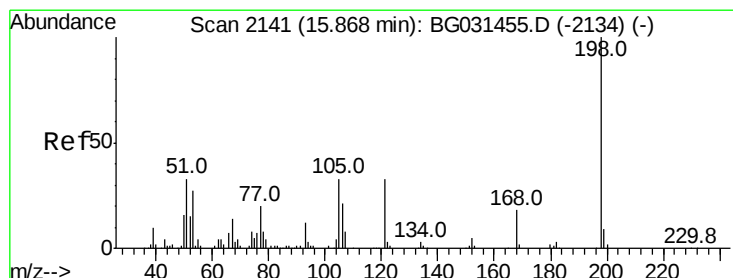
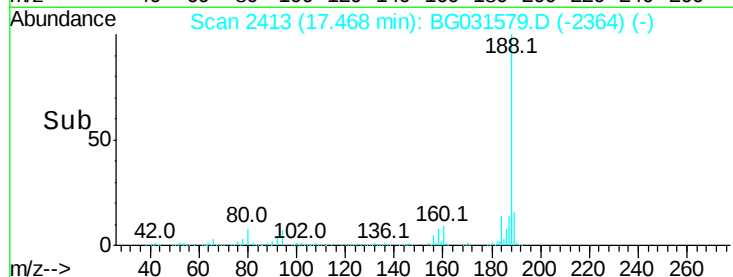
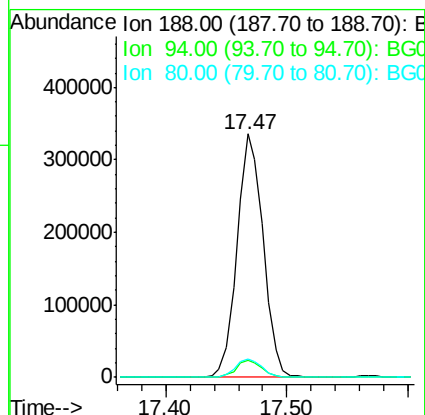
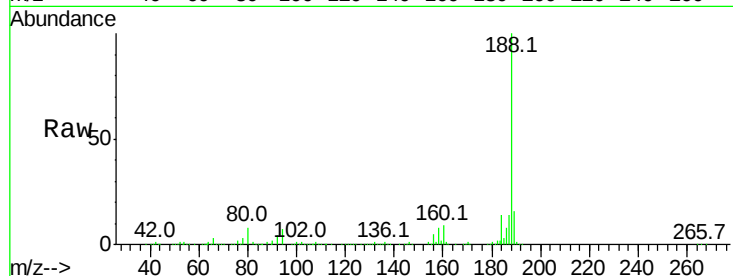




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

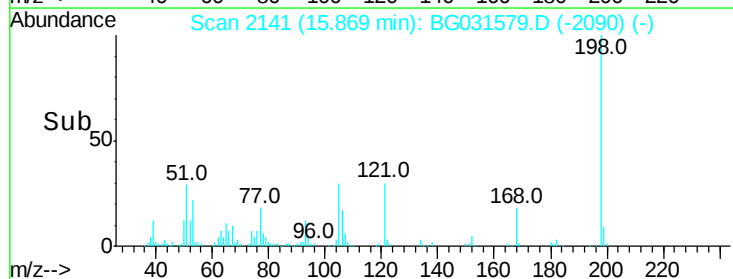
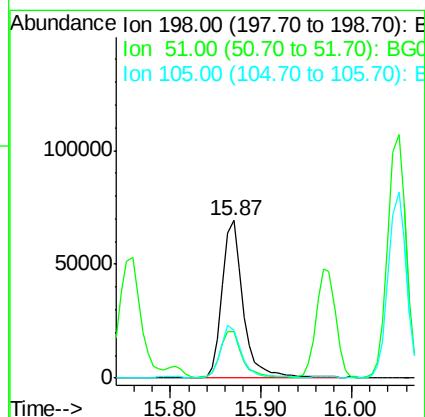
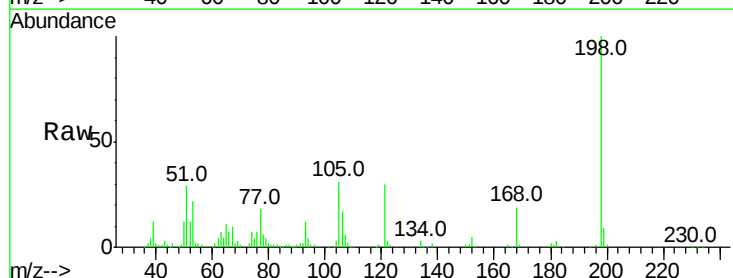
Instrument :
BNA_G
ClientSampleId :

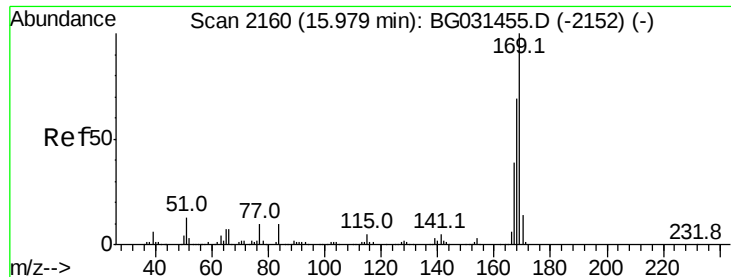
Tot Ion:188 Resp: 505053
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 7.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.746 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:198 Resp: 111817
Ion Ratio Lower Upper
198 100
51 29.4 30.6 70.6#
105 30.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.294 ng

RT: 15.98 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

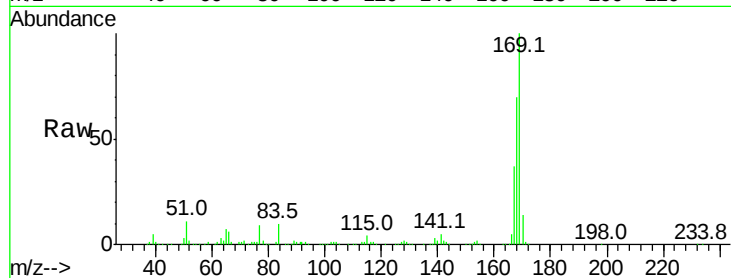
Tot Ion:169 Resp: 625235

Ion Ratio Lower Upper

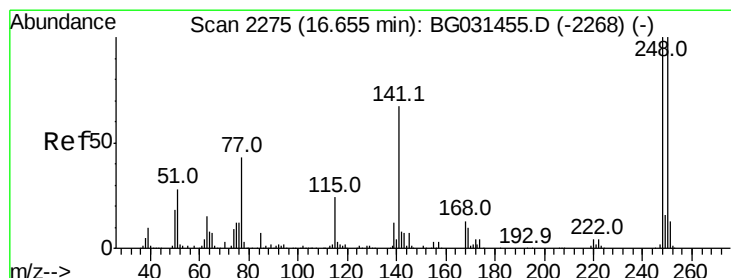
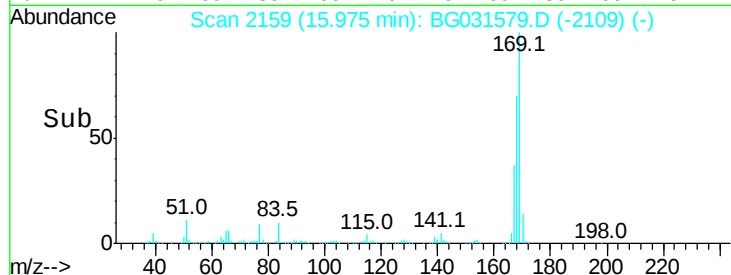
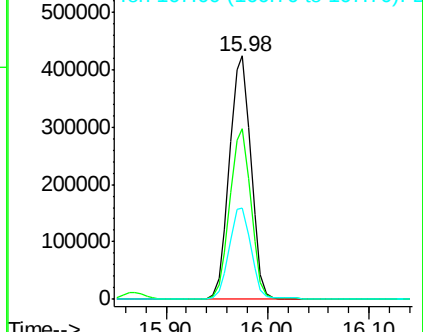
169 100

168 70.2 55.7 83.5

167 37.4 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: 43.072 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

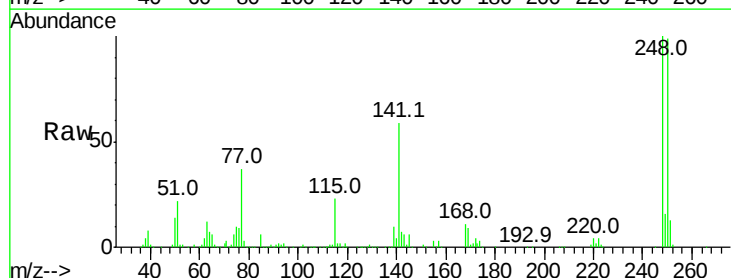
Tgt Ion:248 Resp: 252958

Ion Ratio Lower Upper

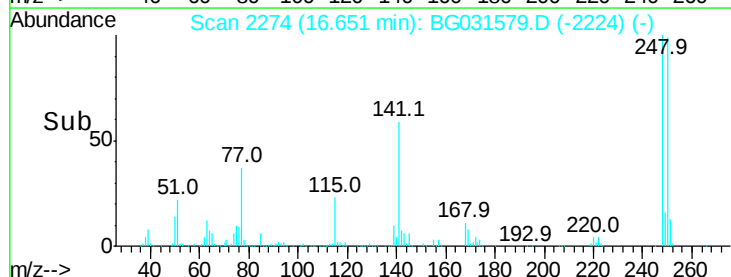
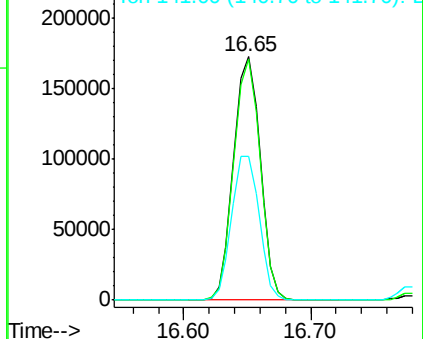
248 100

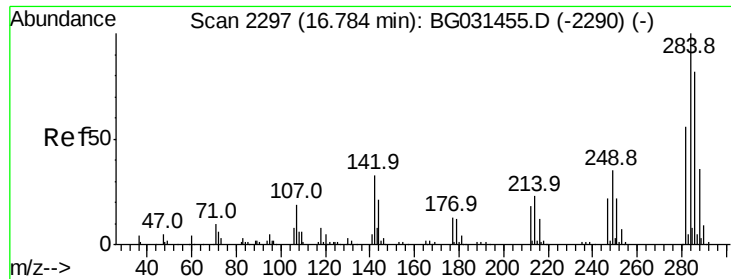
250 98.9 77.1 115.7

141 59.0 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.458 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

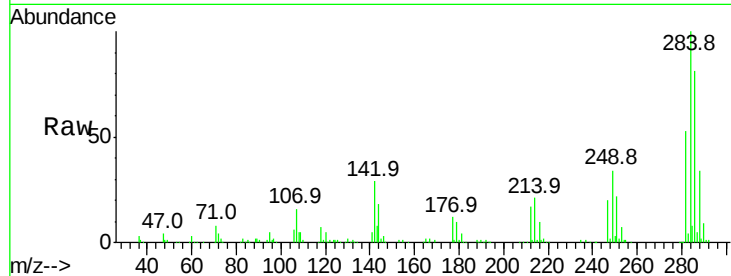
Tot Ion:284 Resp: 257484

Ion Ratio Lower Upper

284 100

142 29.0 26.8 40.2

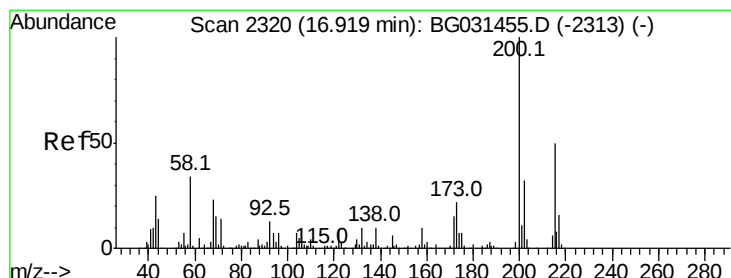
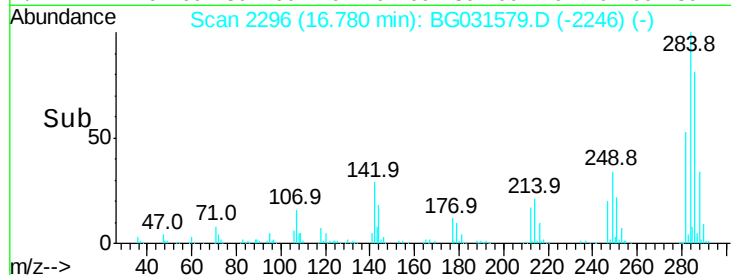
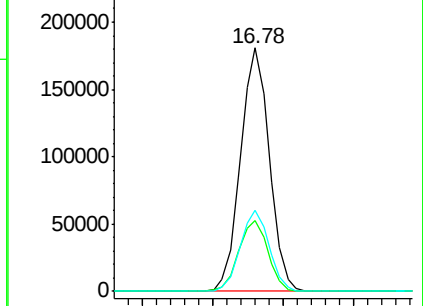
249 33.6 26.3 39.5



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: 44.446 ng

RT: 16.92 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

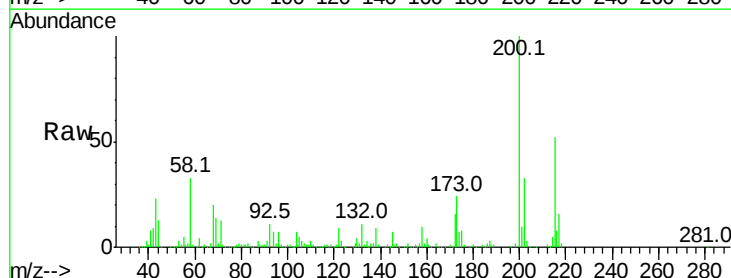
Tgt Ion:200 Resp: 240248

Ion Ratio Lower Upper

200 100

173 23.8 5.2 45.2

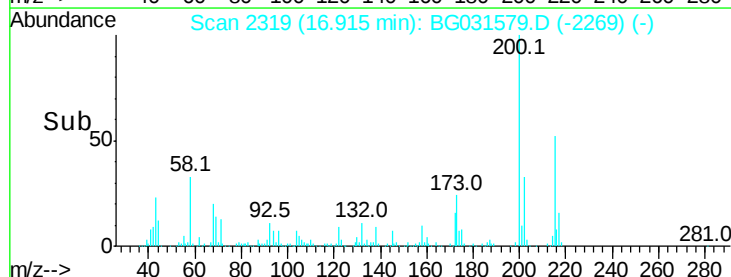
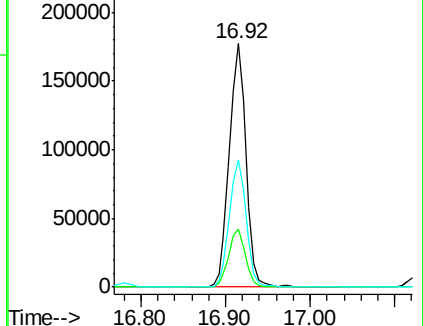
215 52.0 30.4 70.4

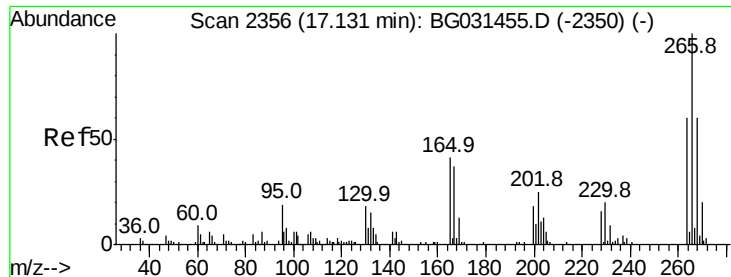


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 35.560 ng

RT: 17.13 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

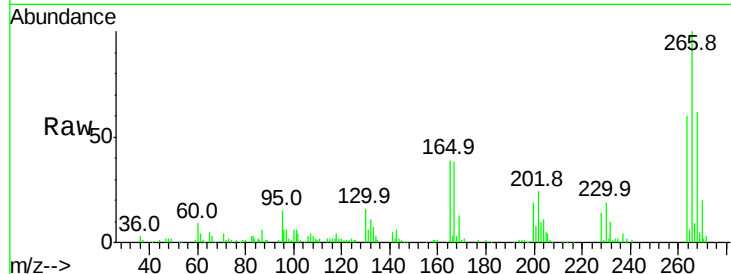
Tot Ion:266 Resp: 93795

Ion Ratio Lower Upper

266 100

268 62.4 51.1 76.7

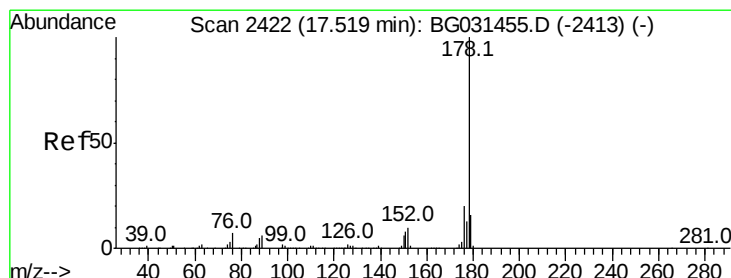
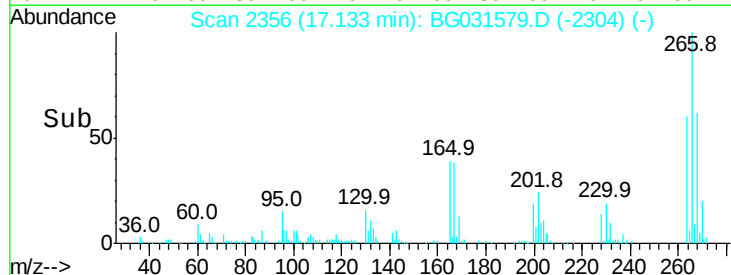
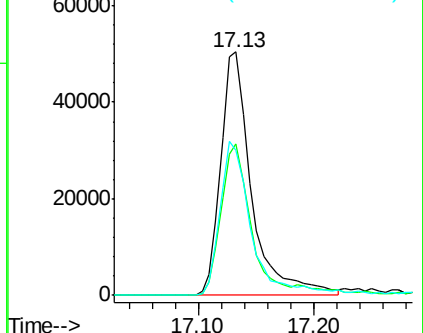
264 59.8 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.433 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

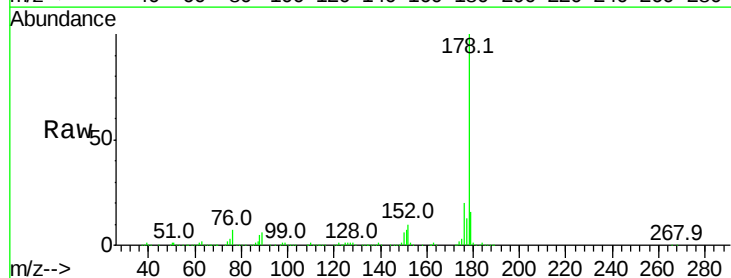
Tgt Ion:178 Resp: 1066494

Ion Ratio Lower Upper

178 100

176 20.2 15.7 23.5

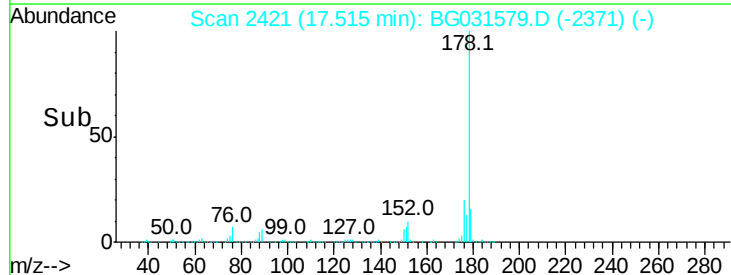
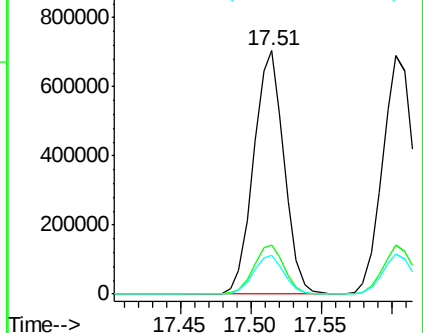
179 16.2 12.5 18.7

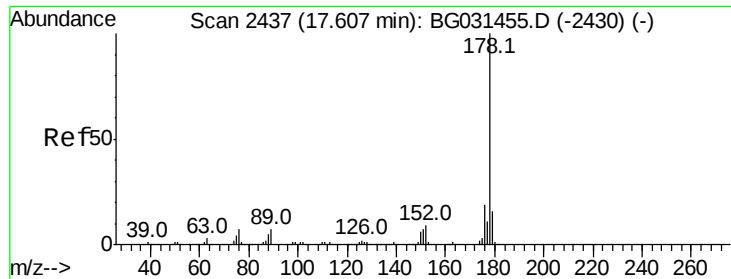


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.271 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

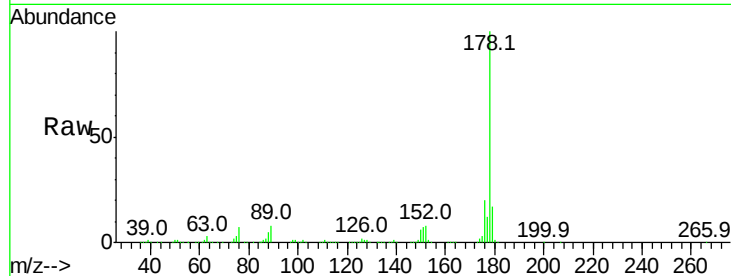
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1076648

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.6	12.5	18.7

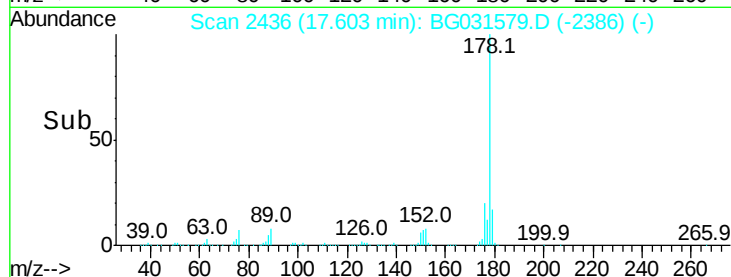


Abundance Ion 178.00 (177.70 to 178.70): E

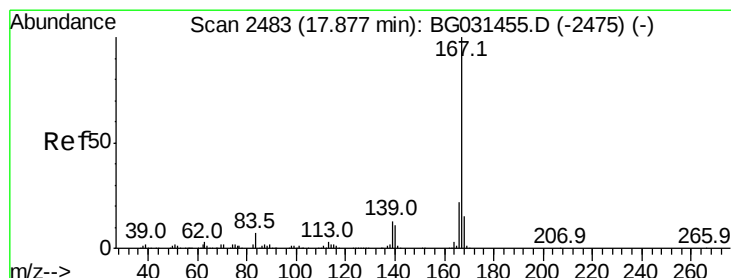
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.60



Time-->



#72

Carbazole

Concen: 42.764 ng

RT: 17.87 min Scan# 2482

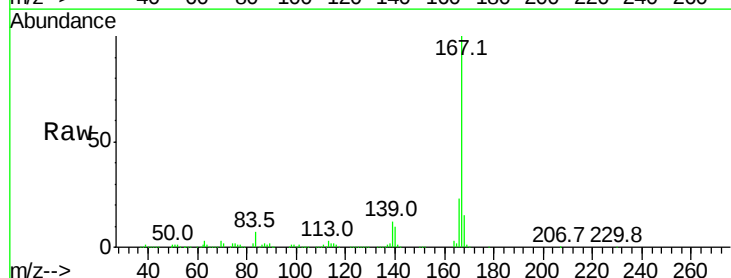
Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Tgt Ion:167 Resp: 1009558

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	12.2	9.4	14.2

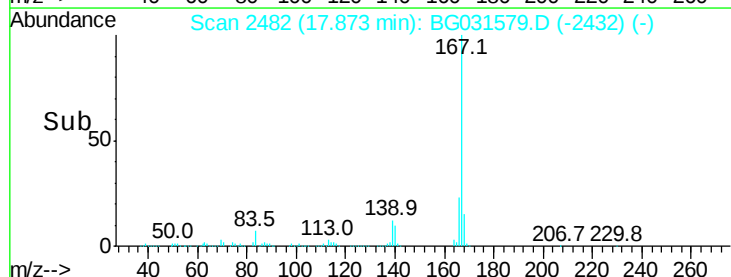


Abundance Ion 167.00 (166.70 to 167.70): E

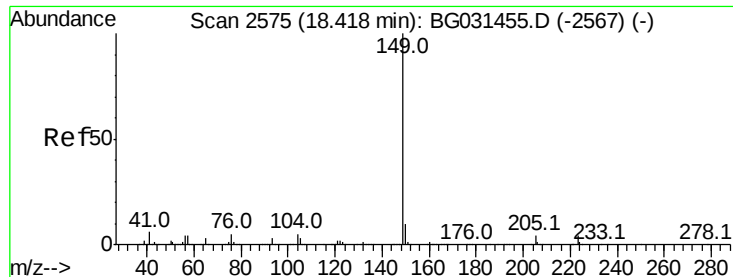
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.87



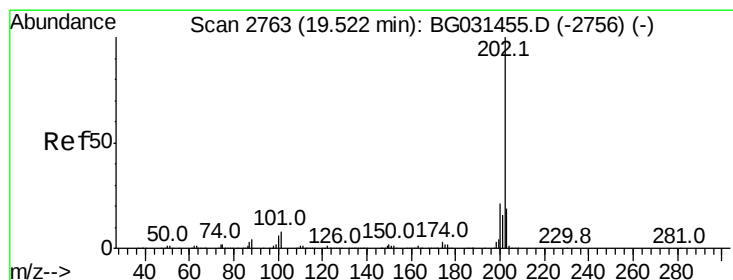
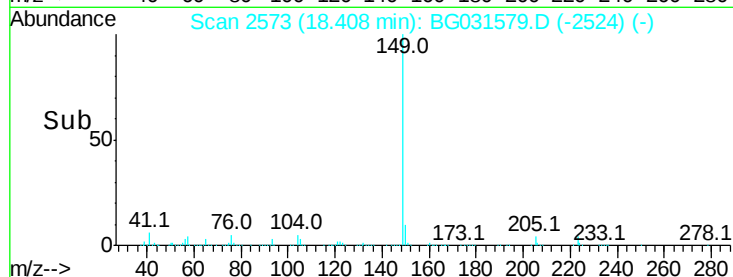
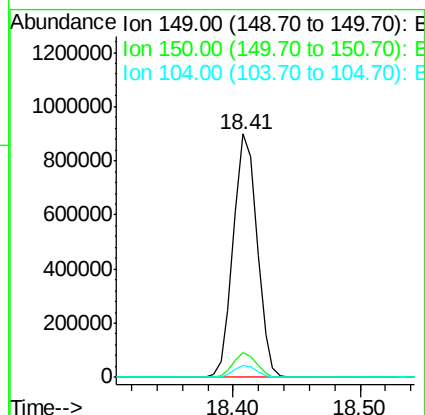
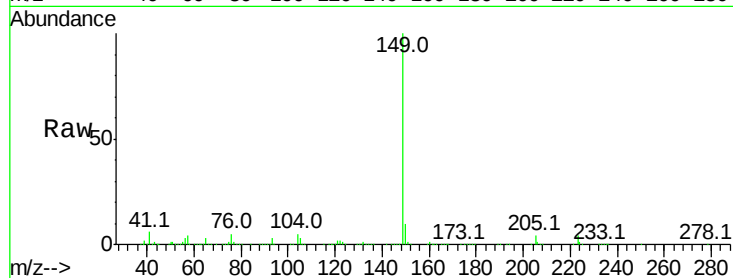
Time-->



#73
Di-n-butylphthalate
Concen: 42.694 ng
RT: 18.41 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

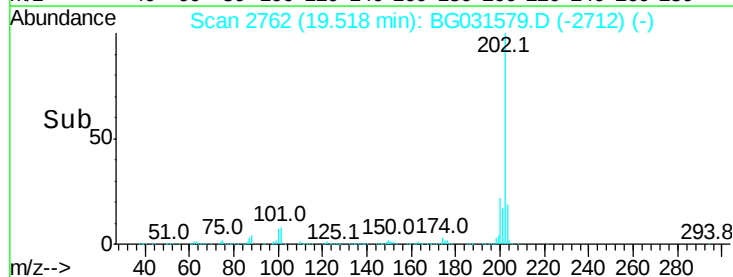
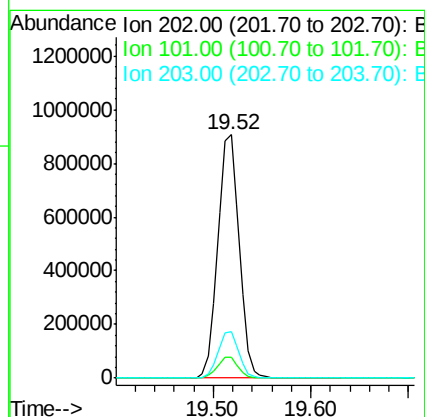
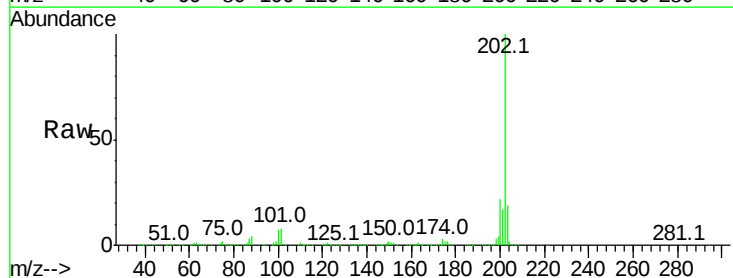
Instrument :
BNA_G
ClientSampleId :

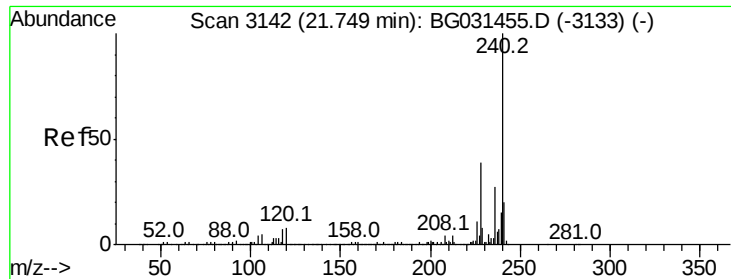
Tot Ion:149 Resp: 1163954
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 41.651 ng
RT: 19.52 min Scan# 2762
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:202 Resp: 1374917
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.9
203 19.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampled :

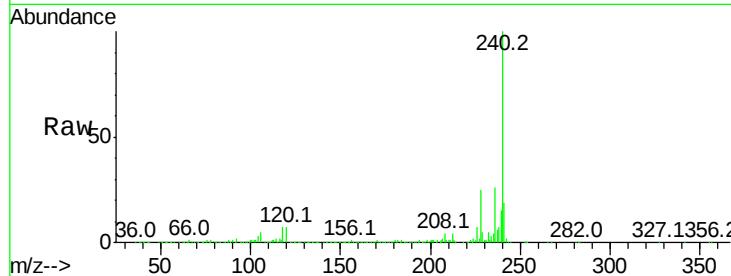
Tot Ion:240 Resp: 554936

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

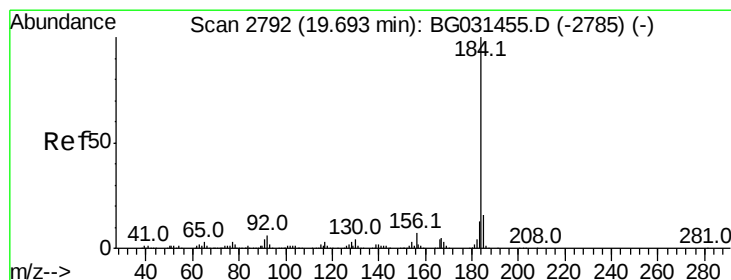
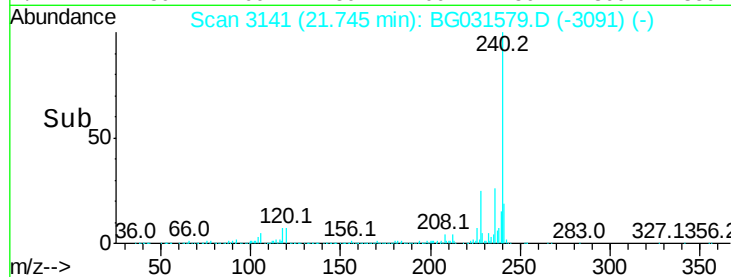
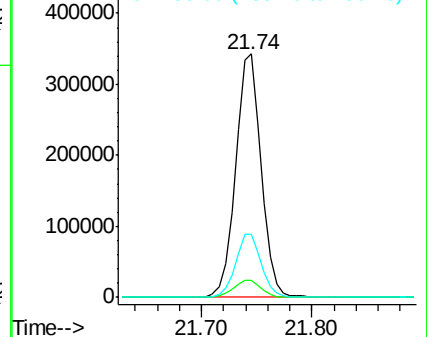
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.676 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

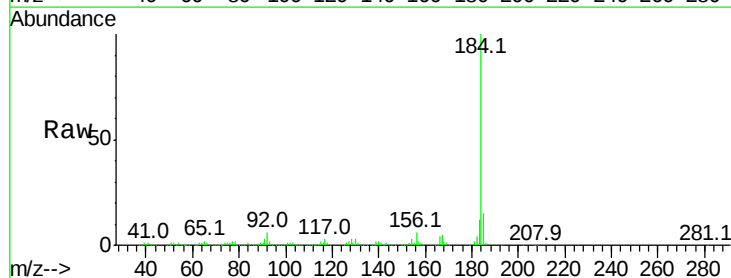
Tgt Ion:184 Resp: 602797

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

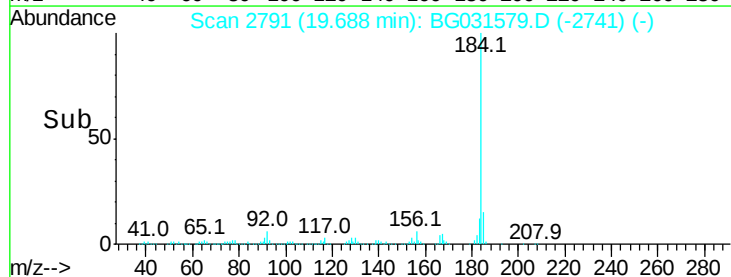
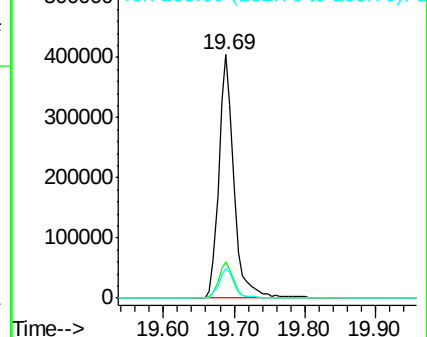
183 12.4 10.6 16.0

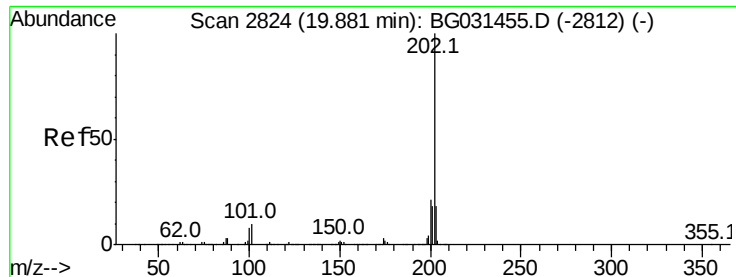


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

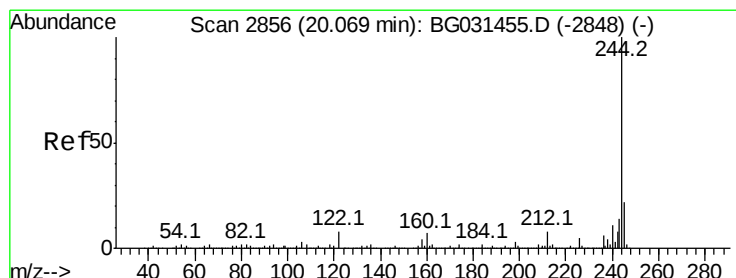
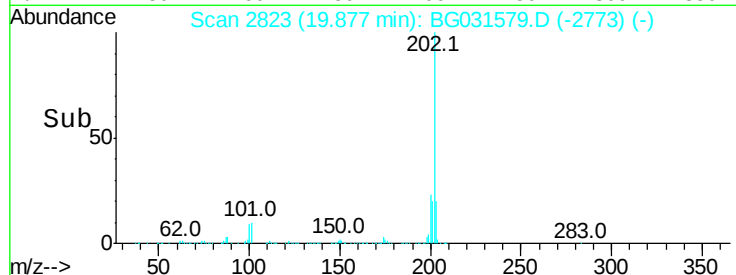
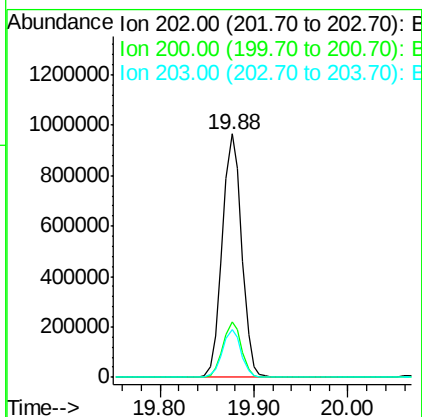
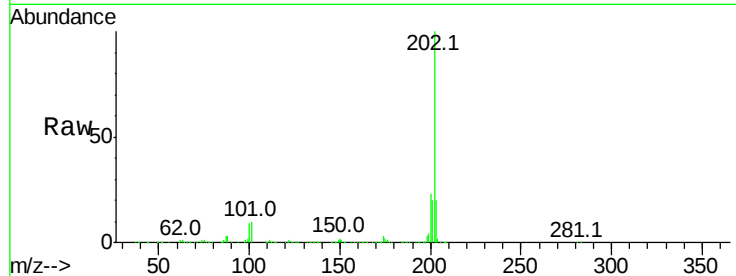




#77
Pvrene
Concen: 40.436 ng
RT: 19.88 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

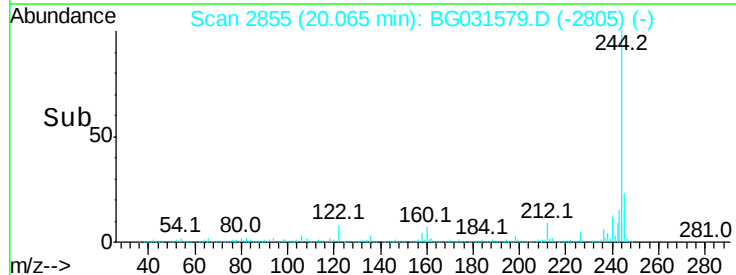
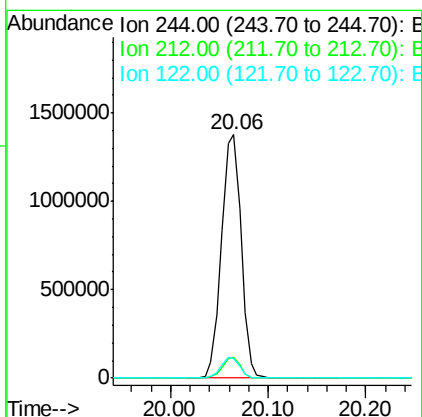
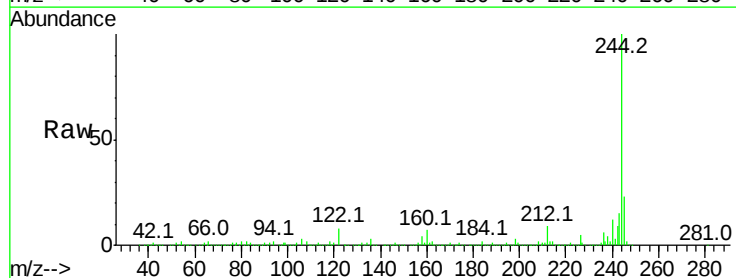
Instrument :
BNA_G
ClientSampleId :

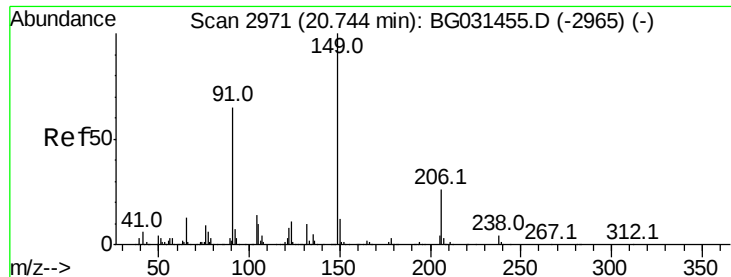
Tot Ion:202 Resp: 1394287
Ion Ratio Lower Upper
202 100
200 22.8 16.9 25.3
203 19.7 13.9 20.9



#78
Terphenyl-d14
Concen: 78.992 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:244 Resp: 1926689
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 8.2 7.0 10.4

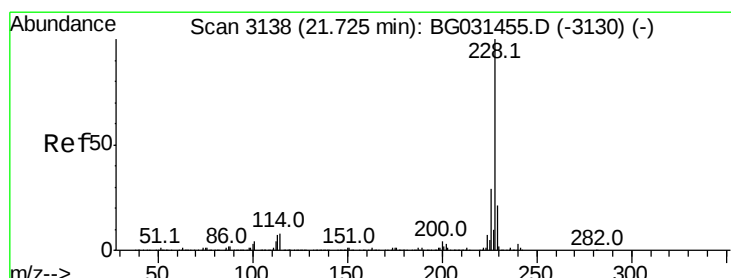
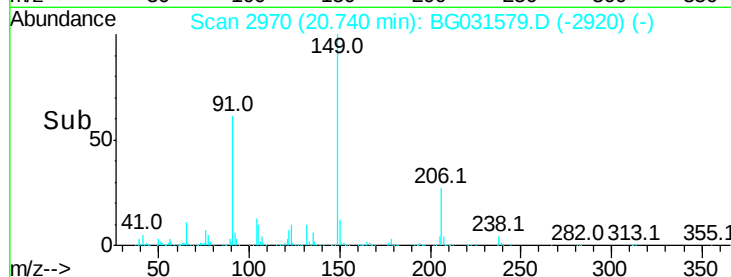
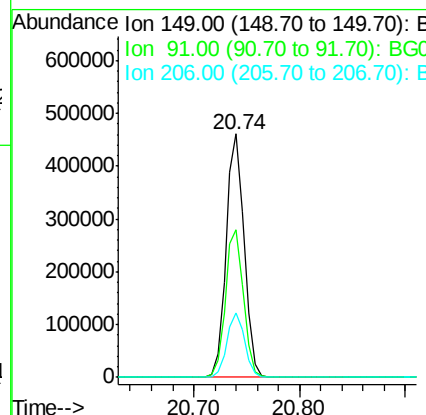
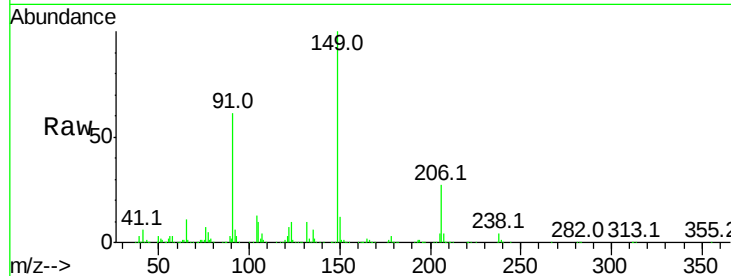




#79
Butylbenzylphthalate
Concen: 45.378 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

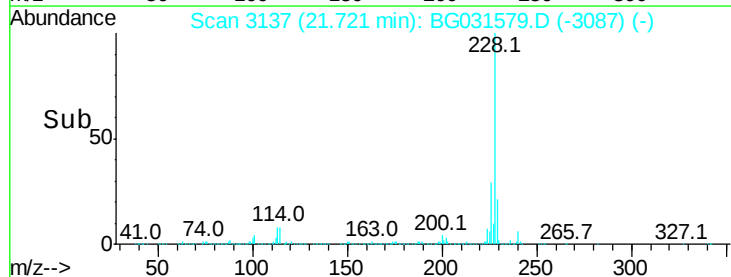
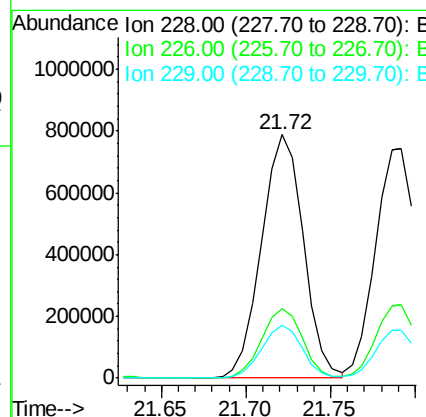
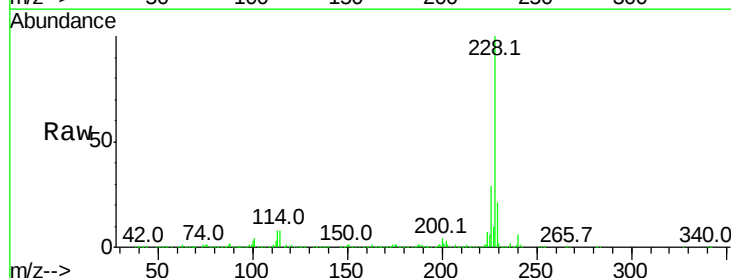
Instrument :
BNA_G
ClientSampleId :

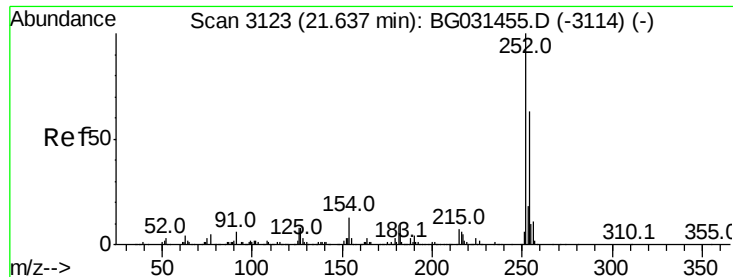
Tot Ion:149 Resp: 548917
Ion Ratio Lower Upper
149 100
91 60.7 62.2 93.2#
206 26.7 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.671 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:228 Resp: 1362285
Ion Ratio Lower Upper
228 100
226 28.7 22.7 34.1
229 21.5 16.2 24.2

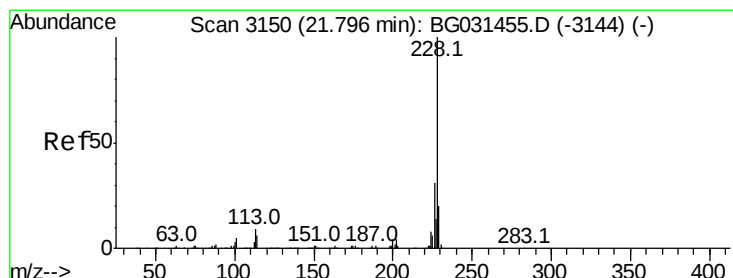
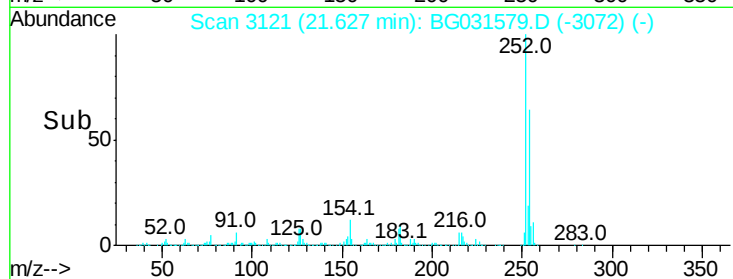
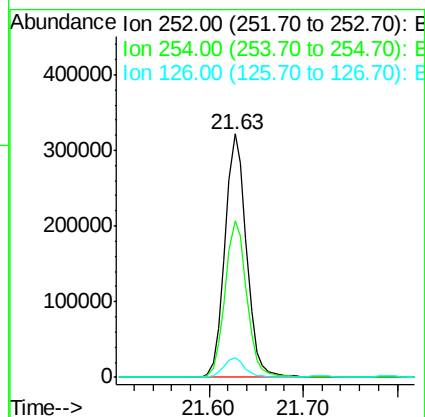
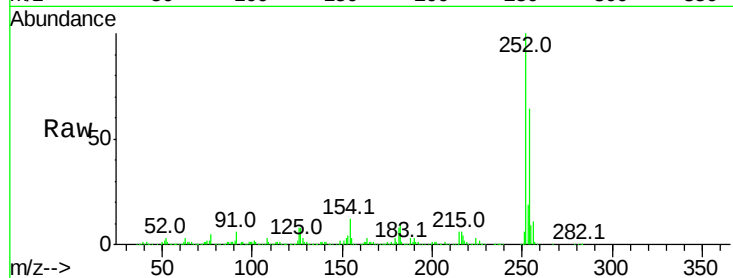




#81
 3,3'-Dichlorobenzidine
 Concen: 44.090 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

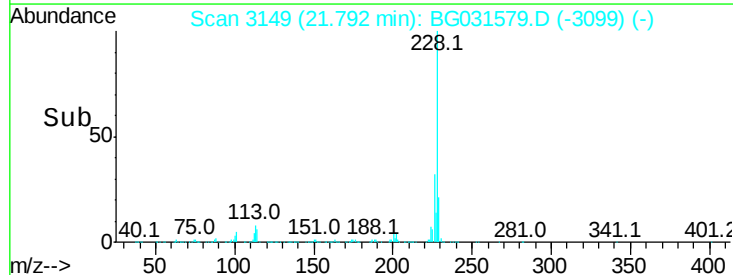
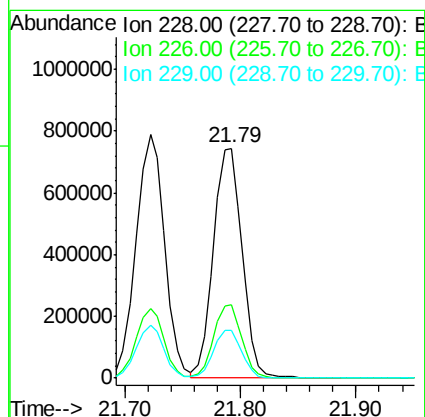
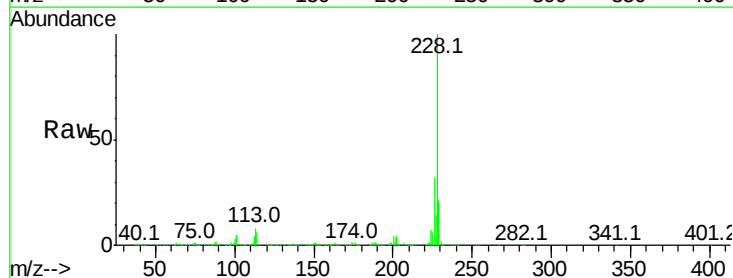
Instrument :
 BNA_G
 ClientSampleId :

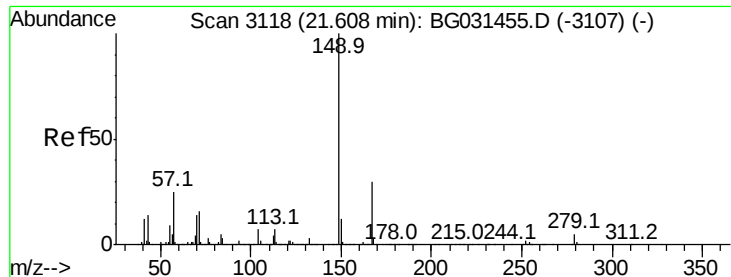
Tot Ion:252 Resp: 513984
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.8 76.2
 126 8.2 7.4 11.2



#82
 Chrysene
 Concen: 39.954 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:228 Resp: 1282945
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.0 15.0 22.4

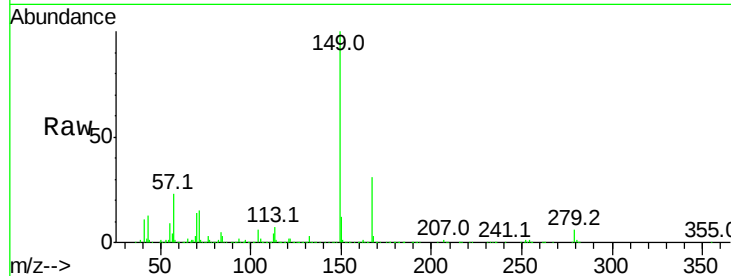




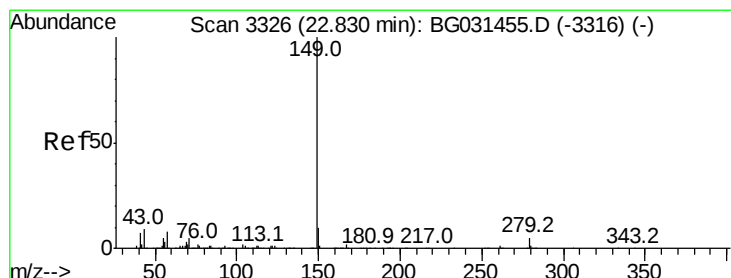
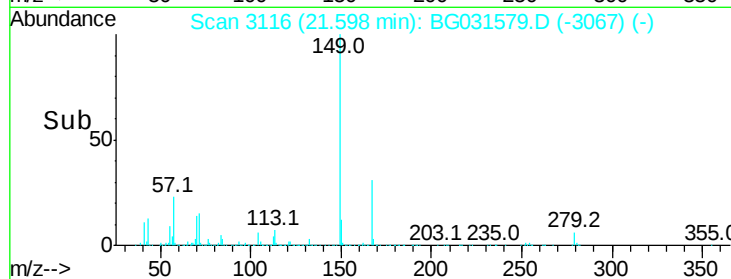
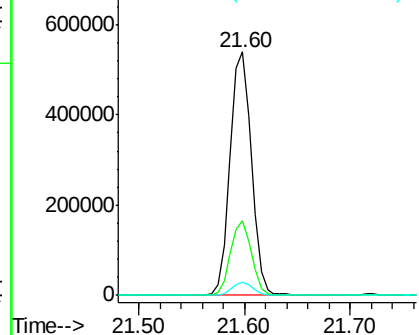
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.312 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 753770
 Ion Ratio Lower Upper
 149 100
 167 30.8 24.3 36.5
 279 5.5 4.0 6.0

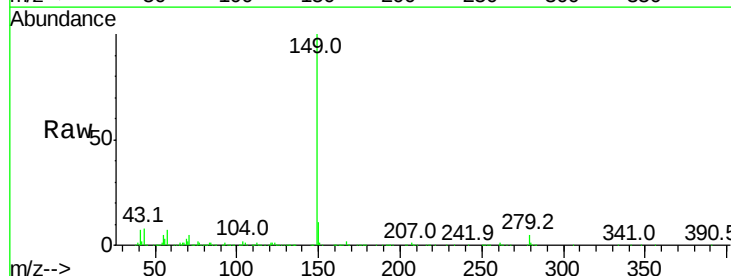


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

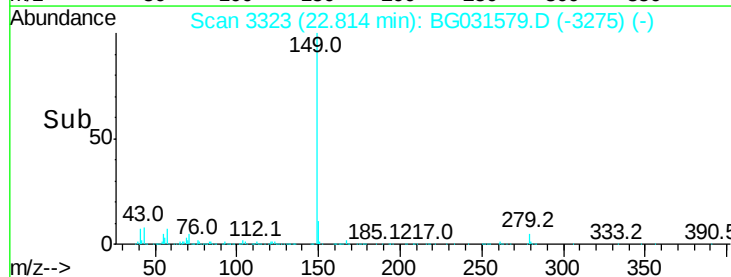
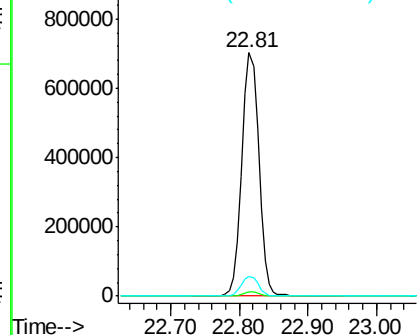


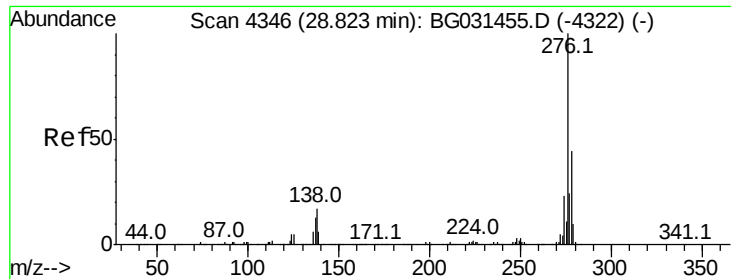
#84
 Di-n-octyl phthalate
 Concen: 42.272 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.02 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:149 Resp: 1213503
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 8.1 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG

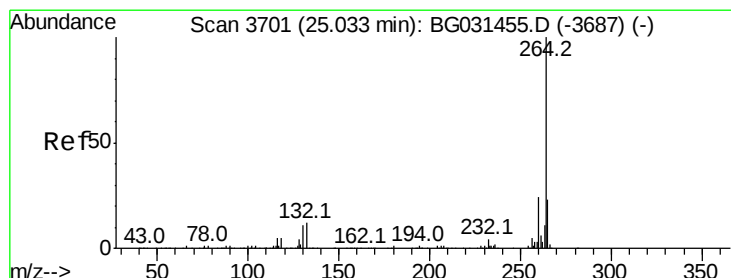
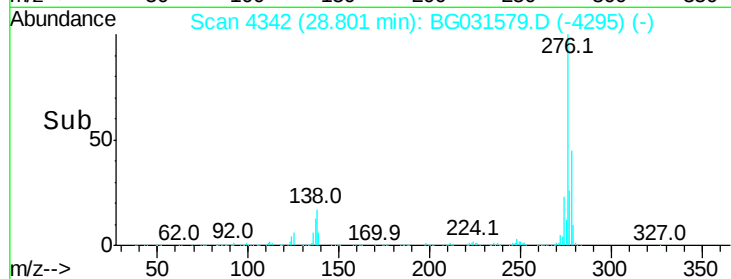
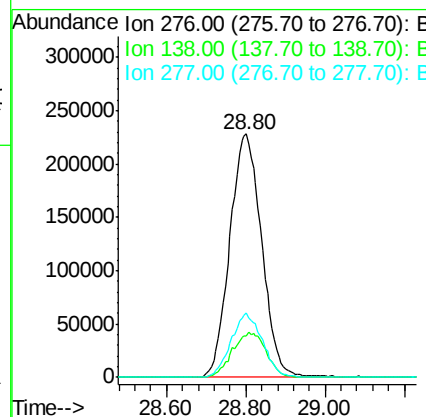
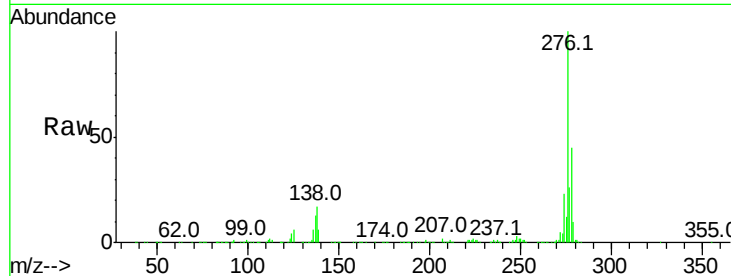




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.080 ng
 RT: 28.80 min Scan# 4342
 Delta R.T. -0.02 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

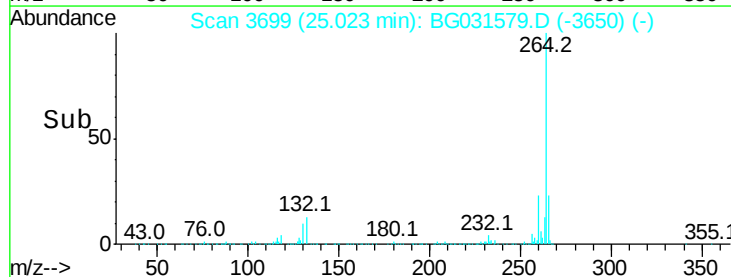
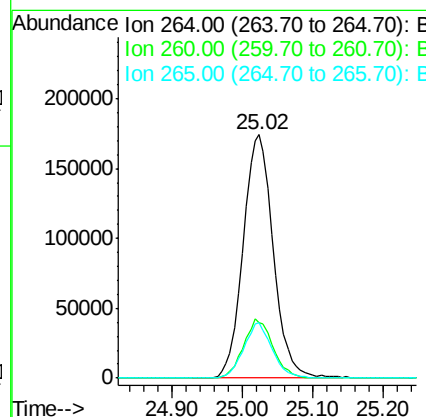
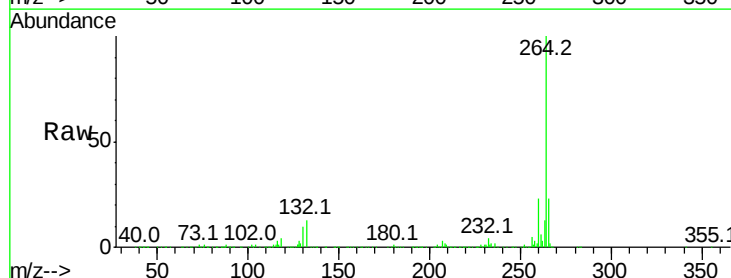
Instrument :
 BNA_G
 ClientSampleId :

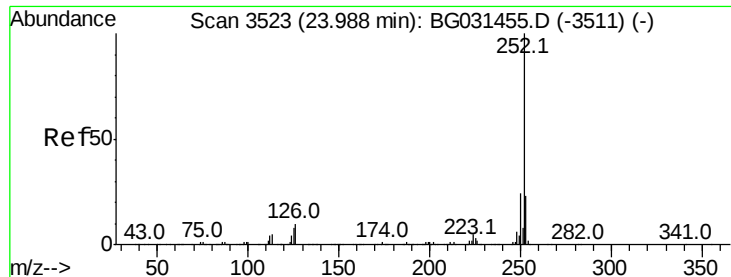
Tot Ion:276 Resp: 1272468
 Ion Ratio Lower Upper
 276 100
 138 19.5 16.0 24.0
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031579.D
 Acq: 15 Dec 2017 4:37

Tgt Ion:264 Resp: 515514
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 22.9 17.7 26.5

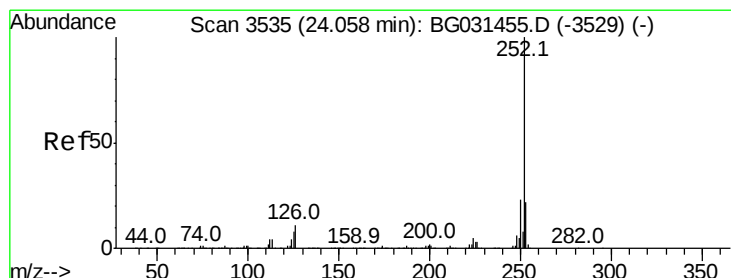
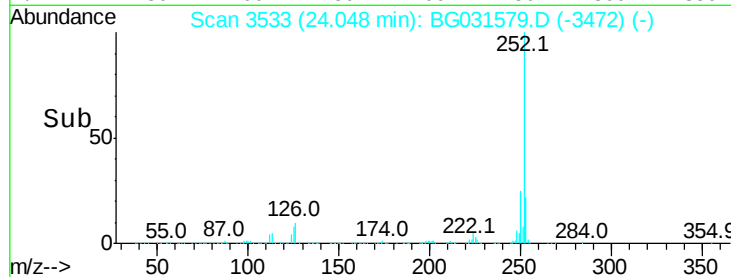
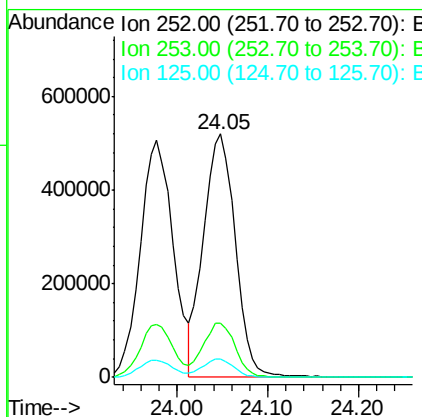
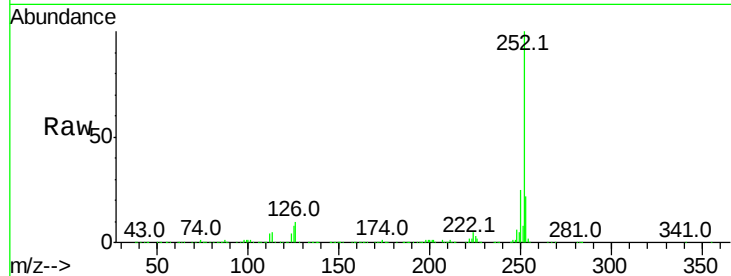




#87
Benzo(b)fluoranthene
Concen: 41.176 ng
RT: 24.05 min Scan# 3533
Delta R.T. 0.06 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

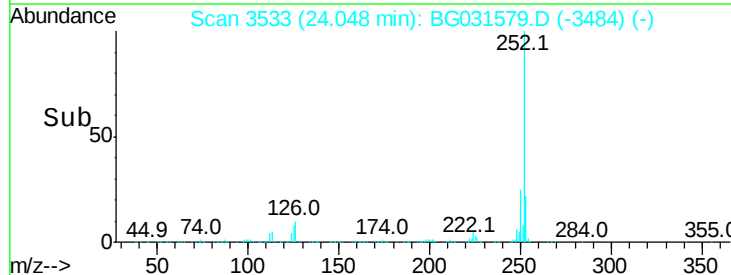
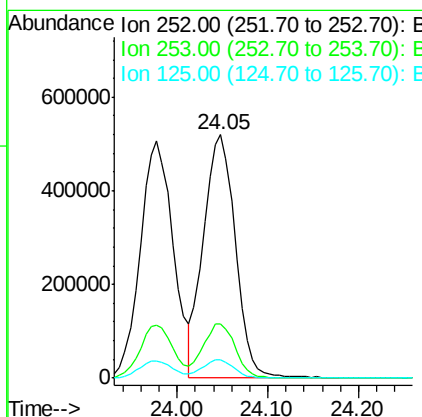
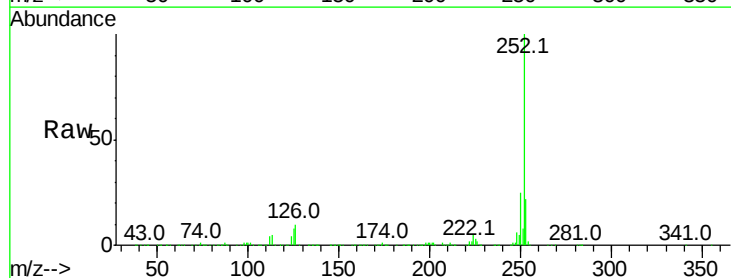
Instrument :
BNA_G
ClientSampleId :

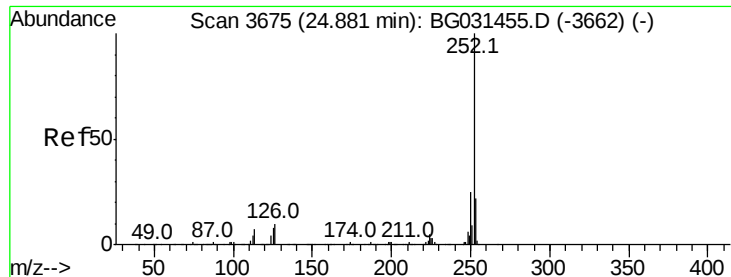
Tot Ion:252 Resp: 1269047
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 7.6 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 40.348 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031579.D
Acq: 15 Dec 2017 4:37

Tgt Ion:252 Resp: 1269047
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 7.6 6.6 9.8





#89

Benzo(a)pyrene

Concen: 40.715 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampled :

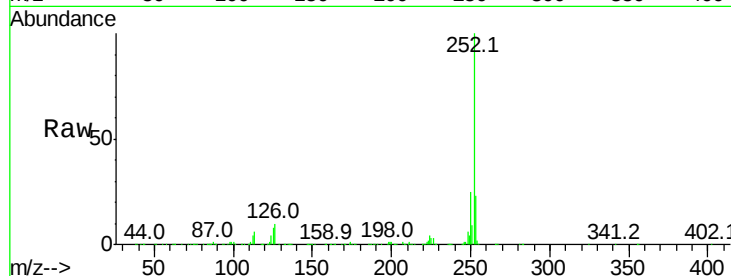
Tot Ion:252 Resp: 1190384

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

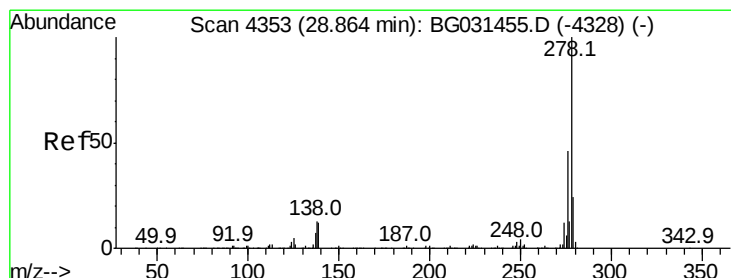
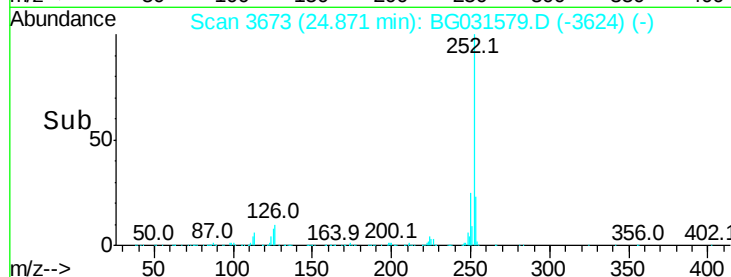
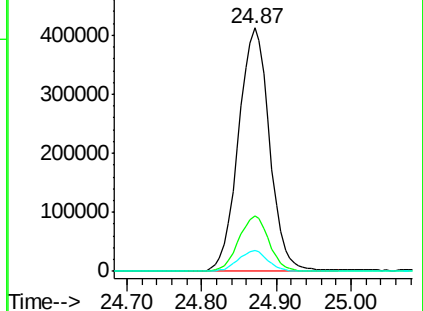
125 8.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.417 ng

RT: 28.84 min Scan# 4348

Delta R.T. -0.03 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

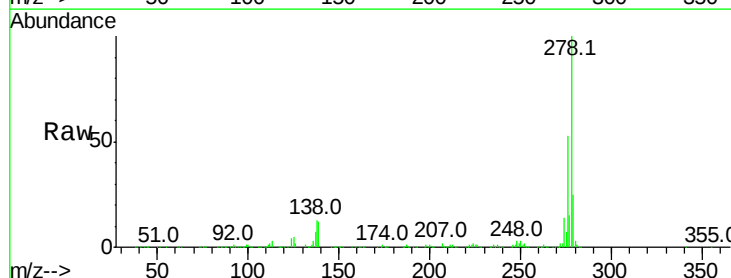
Tgt Ion:278 Resp: 1074065

Ion Ratio Lower Upper

278 100

139 12.0 9.8 14.6

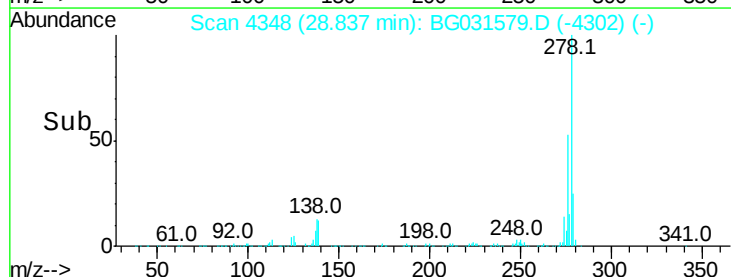
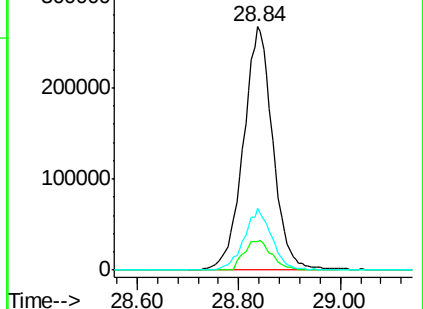
279 25.3 18.4 27.6

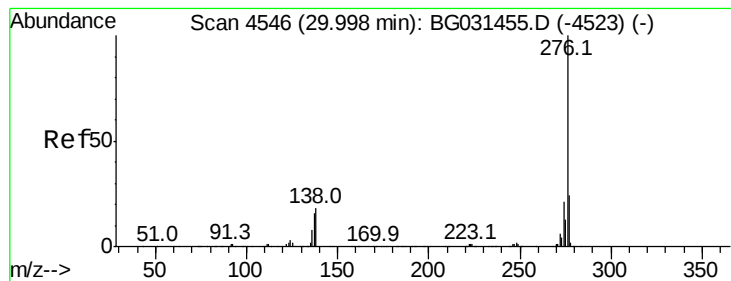


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.756 ng

RT: 29.97 min Scan# 4541

Delta R.T. -0.03 min

Lab File: BG031579.D

Acq: 15 Dec 2017 4:37

Instrument :

BNA_G

ClientSampleId :

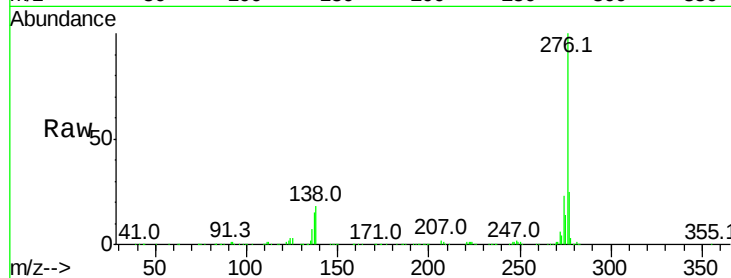
Tot Ion:276 Resp: 1037789

Ion Ratio Lower Upper

276 100

277 25.0 18.3 27.5

138 17.6 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

