

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031547.D
 Acq On : 14 Dec 2017 3:15
 Operator : SJ/JU
 Sample : PB104979BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

Quant Time: Dec 14 07:15:11 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	40624	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	181228	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	136209	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	417300	20.00	ng	0.00
75) Chrysene-d12	21.75	240	498729	20.00	ng	0.00
86) Perylene-d12	25.03	264	499562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	252882	110.34	ng	0.00
7) Phenol-d6	7.28	99	338430	106.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	286028	97.28	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	201913	126.53	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	892471	96.18	ng	0.00
78) Terphenyl-d14	20.07	244	1939853	88.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	35370	32.344	ng	83
3) Pyridine	3.92	79	97076	33.716	ng	85
4) n-Nitrosodimethylamine	3.83	42	47077	34.714	ng	# 89
6) Aniline	7.43	93	85652	20.442	ng	96
8) 2-Chlorophenol	7.68	128	116280	45.485	ng	92
9) Benzaldehyde	7.24	77	71973	39.026	ng	89
10) Phenol	7.31	94	148681	45.490	ng	91
11) bis(2-Chloroethyl)ether	7.52	93	98347	36.867	ng	88
12) 1,3-Dichlorobenzene	7.99	146	118565	39.000	ng	97
13) 1,4-Dichlorobenzene	8.14	146	119052	37.679	ng	98
14) 1,2-Dichlorobenzene	8.46	146	118134	39.250	ng	97
15) Benzyl Alcohol	8.35	79	94374	37.918	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	145099	48.416	ng	92
17) 2-Methylphenol	8.56	107	100655	45.178	ng	97
18) Hexachloroethane	9.19	117	40543	38.067	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	82027	32.755	ng	# 95
20) 3+4-Methylphenols	8.89	107	140410	42.305	ng	94
22) Acetophenone	8.93	105	170751	39.274	ng	# 92
24) Nitrobenzene	9.32	77	121916	40.464	ng	92
25) Isophorone	9.84	82	236613	42.582	ng	# 93
26) 2-Nitrophenol	10.04	139	65917	44.244	ng	# 84
27) 2,4-Dimethylphenol	10.09	122	118814	52.498	ng	91
28) bis(2-Chloroethoxy)methane	10.31	93	146381	40.804	ng	97
29) 2,4-Dichlorophenol	10.58	162	132418	49.661	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	138349	40.619	ng	95
31) Naphthalene	10.97	128	352219	39.561	ng	99
32) Benzoic acid	10.25	122	29741	28.541	ng	# 71
33) 4-Chloroaniline	11.10	127	35843	9.272	ng	# 92
34) Hexachlorobutadiene	11.25	225	86020	38.074	ng	99
35) Caprolactam	11.85	113	61679	58.909	ng	# 74
36) 4-Chloro-3-methylphenol	12.21	107	141653	46.540	ng	# 87
37) 2-Methylnaphthalene	12.57	142	284466	41.266	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	191035	35.886	ng	97
40) Hexachlorocyclopentadiene	12.91	237	99051	61.458	ng	89

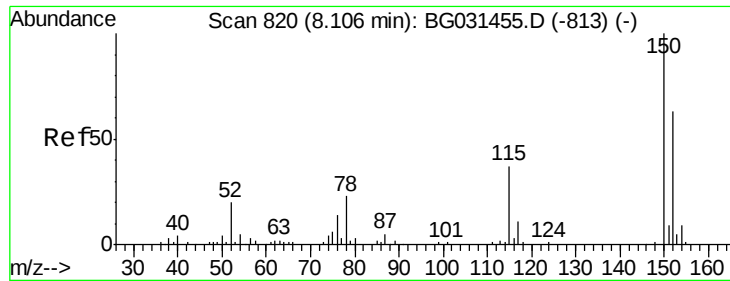
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
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 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	120548	44.323	nq	99
43) 2,4,5-Trichlorophenol	13.26	196	136294	46.521	nq	# 93
45) 1,1'-Biphenyl	13.56	154	421670	37.692	nq	99
46) 2-Chloronaphthalene	13.62	162	325647	39.770	nq	95
47) 2-Nitroaniline	13.82	65	97399	42.331	nq	# 84
48) Acenaphthylene	14.46	152	508099	38.564	nq	98
49) Dimethylphthalate	14.18	163	489207	43.382	nq	100
50) 2,6-Dinitrotoluene	14.30	165	110078	45.669	nq	# 73
51) Acenaphthene	14.79	154	314446	37.744	nq	97
52) 3-Nitroaniline	14.64	138	47218	19.217	nq	# 76
53) 2,4-Dinitrophenol	14.87	184	23918	30.139	nq	# 46
54) Dibenzofuran	15.13	168	550126	41.381	nq	97
55) 4-Nitrophenol	14.97	139	156505	93.635	nq	# 83
56) 2,4-Dinitrotoluene	15.10	165	168429	49.198	nq	# 75
57) Fluorene	15.78	166	455086	42.723	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	143596	52.144	nq	# 91
59) Diethylphthalate	15.53	149	515912	45.642	nq	99
60) 4-Chlorophenyl-phenylether	15.76	204	265816	40.788	nq	90
61) 4-Nitroaniline	15.81	138	126568	49.086	nq	85
62) Azobenzene	16.05	77	388344	41.474	nq	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	48462	22.133	nq	78
65) n-Nitrosodiphenylamine	15.98	169	444330	36.377	nq	99
66) 4-Bromophenyl-phenylether	16.65	248	182833	37.678	nq	97
67) Hexachlorobenzene	16.78	284	189189	37.756	nq	95
68) Atrazine	16.92	200	211734	47.408	nq	97
69) Pentachlorophenol	17.13	266	143567	61.049	nq	97
70) Phenanthrene	17.52	178	863722	39.631	nq	99
71) Anthracene	17.61	178	895871	41.563	nq	99
72) Carbazole	17.88	167	871624	44.685	nq	99
73) Di-n-butylphthalate	18.42	149	1010555	44.863	nq	99
74) Fluoranthene	19.52	202	1219054	44.696	nq	98
76) Benzidine	19.69	184	468147	40.335	nq	98
77) Pyrene	19.88	202	1257812	40.589	nq	97
79) Butylbenzylphthalate	20.74	149	462834	42.574	nq	85
80) Benzo(a)anthracene	21.73	228	1223609	40.648	nq	98
81) 3,3'-Dichlorobenzidine	21.64	252	264866	25.281	nq	97
82) Chrysene	21.79	228	1161261	40.240	nq	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	651164	41.633	nq	100
84) Di-n-octyl phthalate	22.82	149	1109720	43.013	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.82	276	1343107	43.549	nq	99
87) Benzo(b)fluoranthene	23.99	252	1223057	40.951	nq	99
88) Benzo(k)fluoranthene	24.06	252	1189710	39.034	nq	98
89) Benzo(a)pyrene	24.88	252	1189050	41.968	nq	97
90) Dibenzo(a,h)anthracene	28.86	278	1125981	41.560	nq	97
91) Benzo(g,h,i)perylene	29.99	276	1136777	42.678	nq	98

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

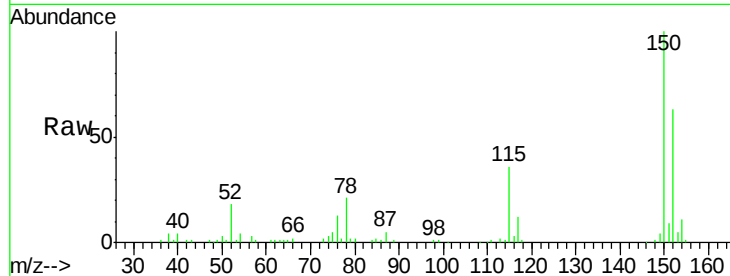


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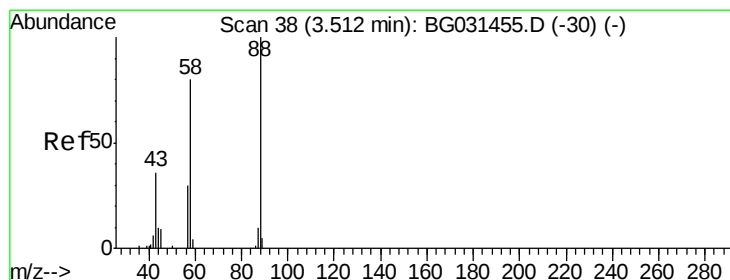
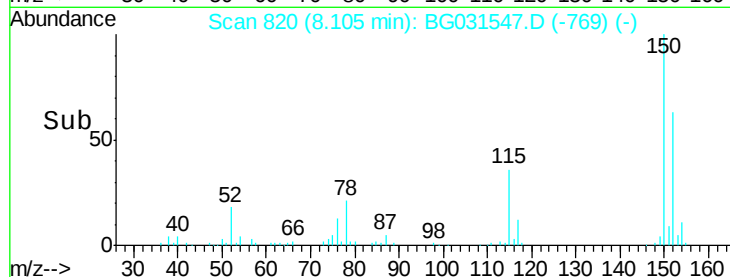
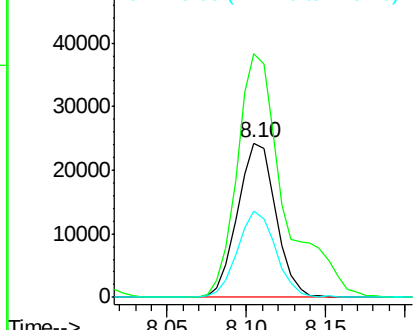
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :
PB104979BSD

Tot Ion:152 Resp: 40624
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 56.1 53.0 79.4



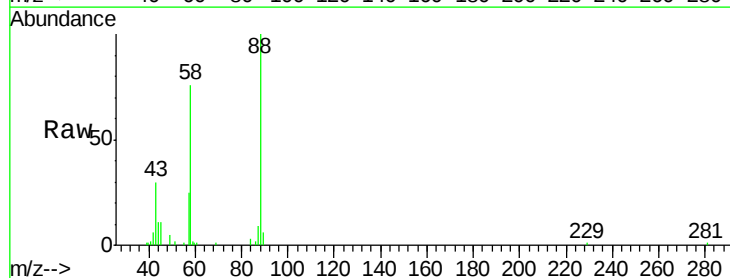
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



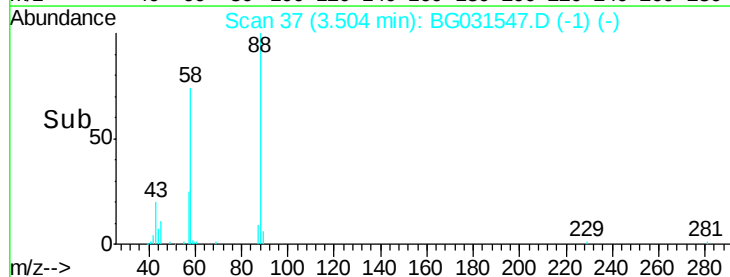
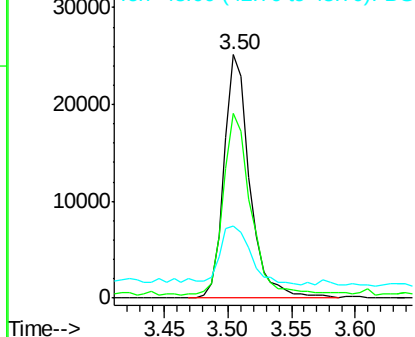
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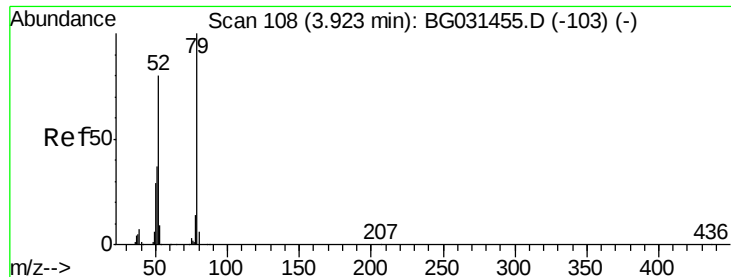
1,4-Dioxane
Concen: 32.344 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 88 Resp: 35370
Ion Ratio Lower Upper
88 100
58 79.9 79.6 119.4
43 28.5 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: 33.716 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

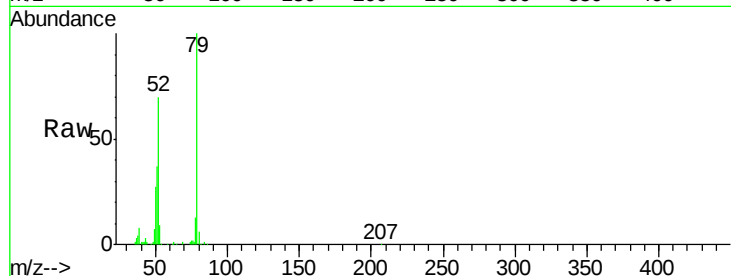
Tot Ion: 79 Resp: 97076

Ion Ratio Lower Upper

79 100

52 70.0 69.9 104.9

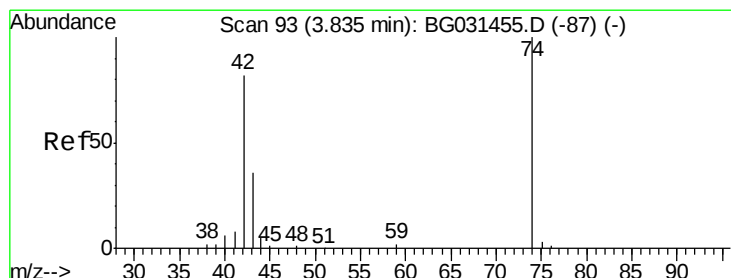
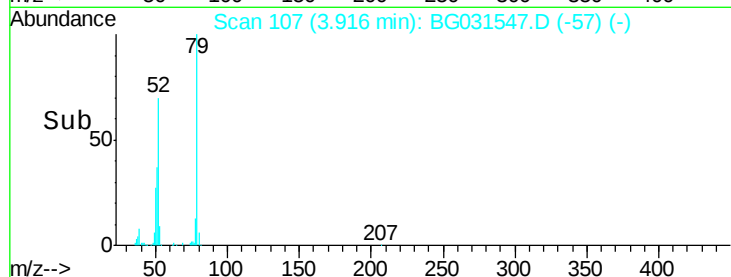
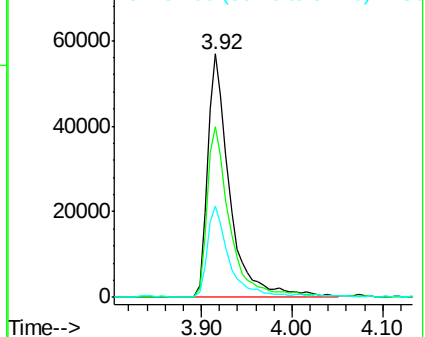
51 37.3 34.0 51.0



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: 34.714 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

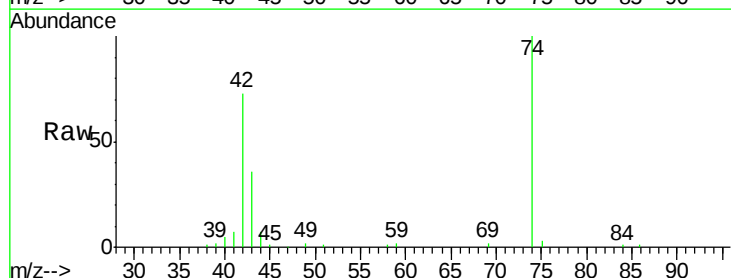
Tgt Ion: 42 Resp: 47077

Ion Ratio Lower Upper

42 100

74 136.7 102.5 153.7

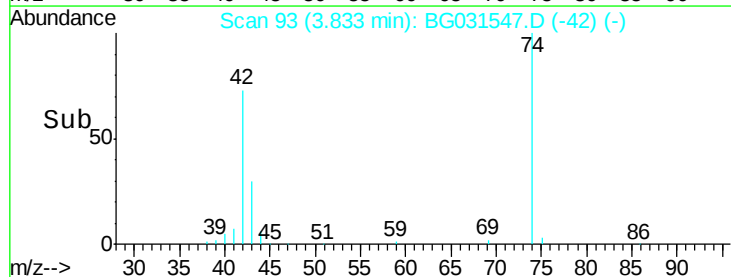
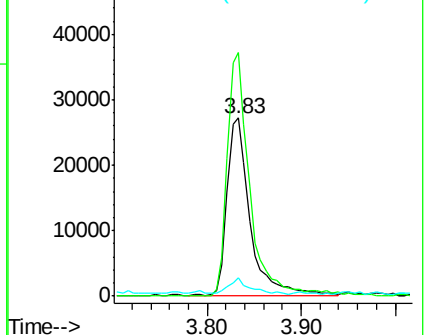
44 10.2 18.9 28.3#

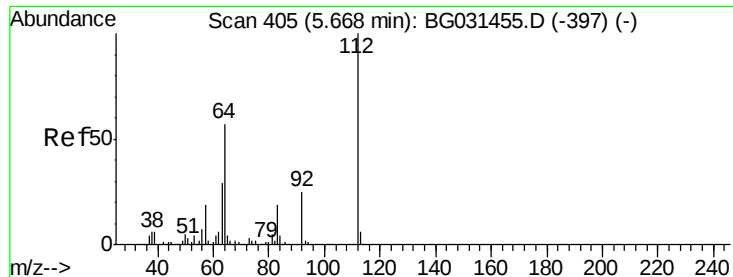


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 110.338 ng

RT: 5.67 min Scan# 405

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

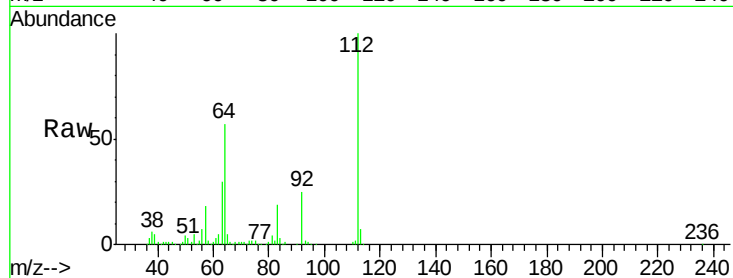
Tot Ion:112 Resp: 252882

Ion Ratio Lower Upper

112 100

64 57.1 56.3 84.5

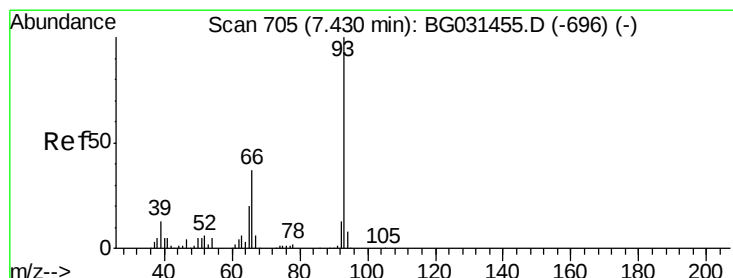
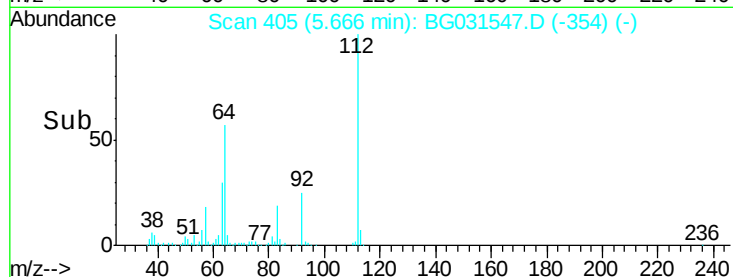
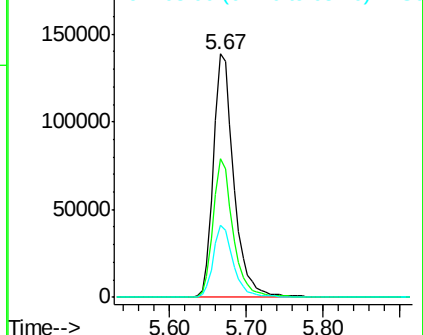
63 29.5 30.1 45.1#



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: 20.442 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

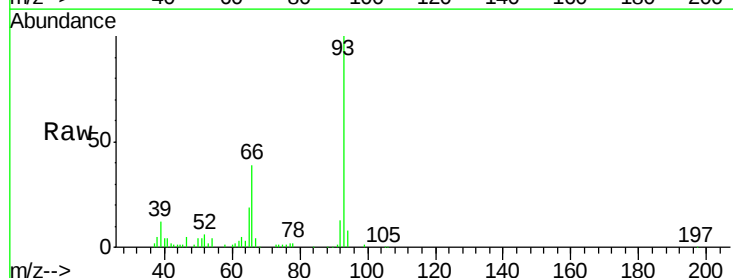
Tgt Ion: 93 Resp: 85652

Ion Ratio Lower Upper

93 100

66 38.7 33.7 50.5

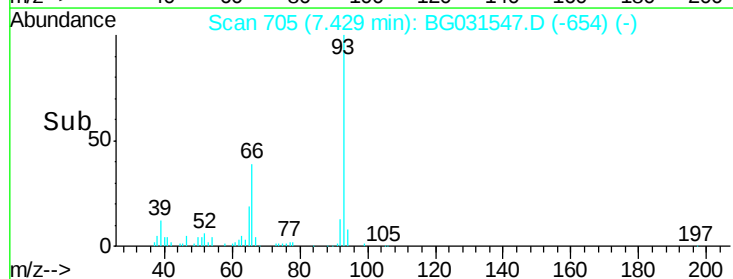
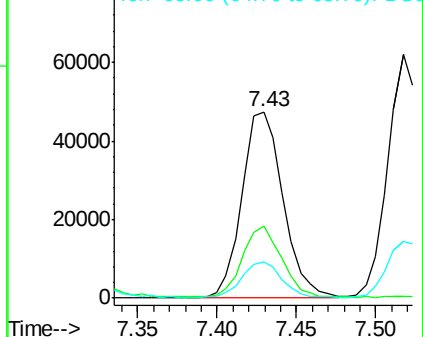
65 19.3 16.1 24.1

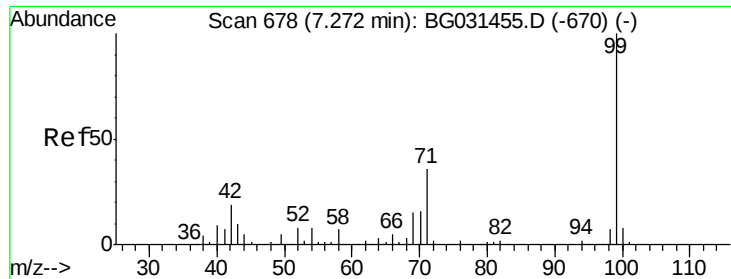


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.369 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

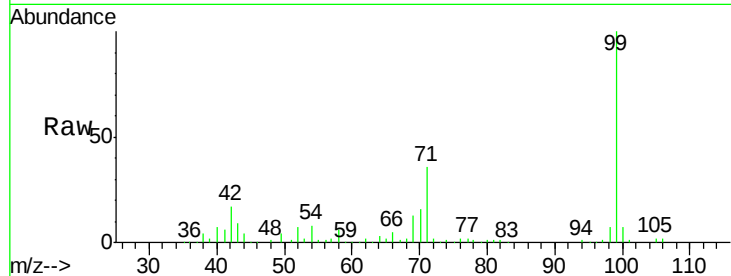
Tot Ion: 99 Resp: 338430

Ion Ratio Lower Upper

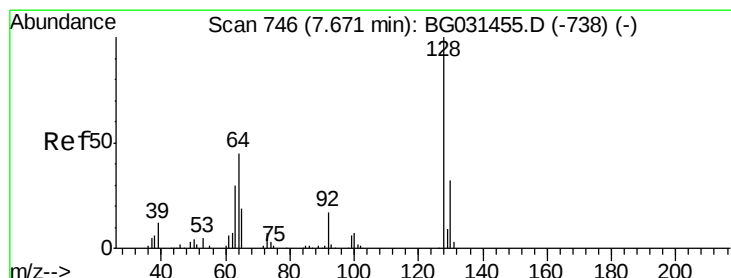
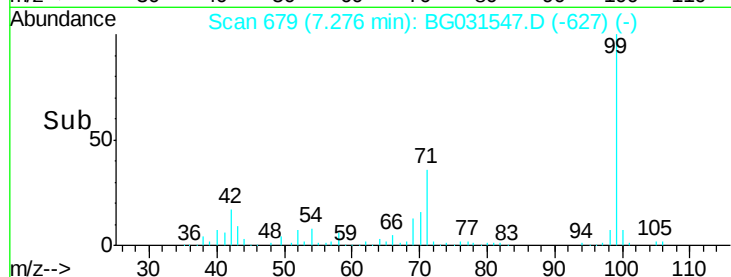
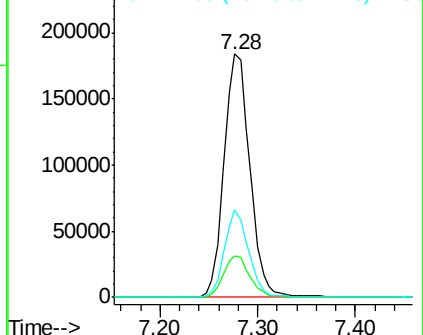
99 100

42 16.8 14.1 21.1

71 35.7 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: 45.485 ng

RT: 7.68 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

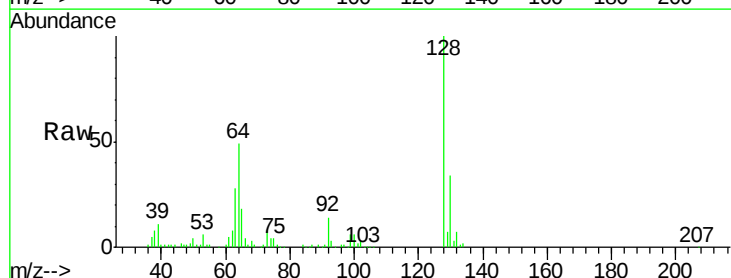
Tgt Ion: 128 Resp: 116280

Ion Ratio Lower Upper

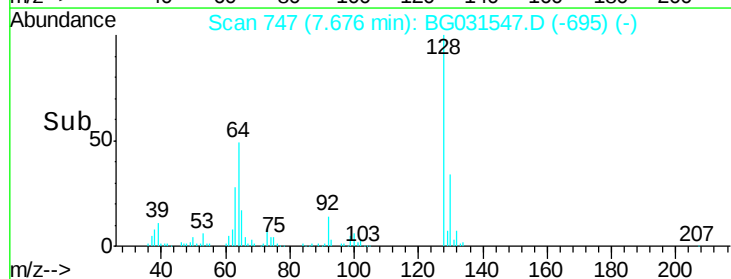
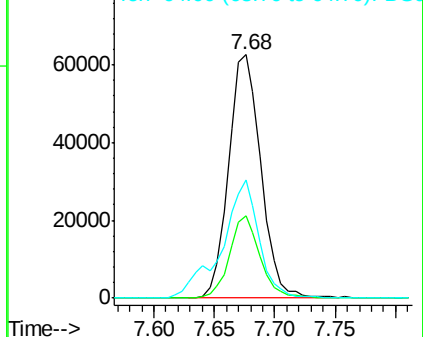
128 100

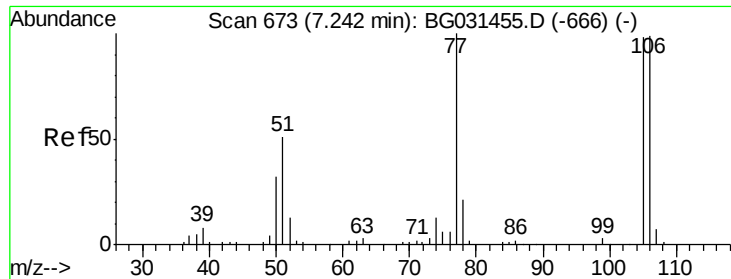
130 33.8 14.0 54.0

64 48.5 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

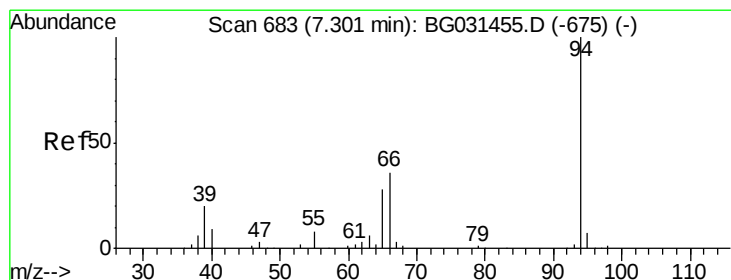
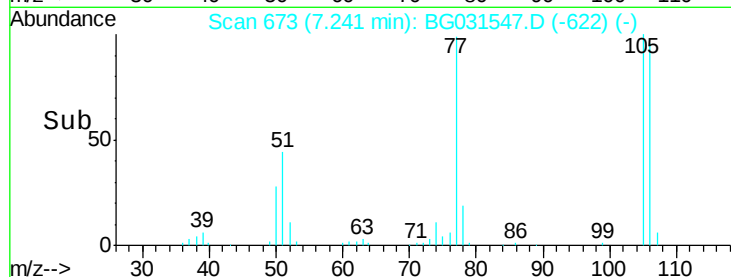
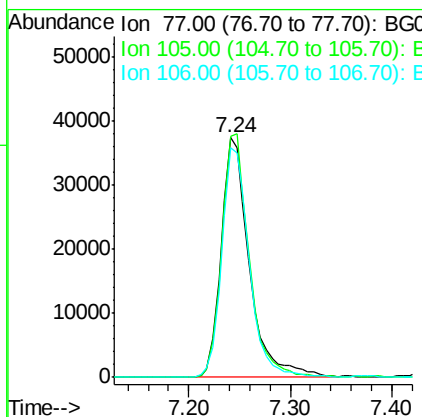
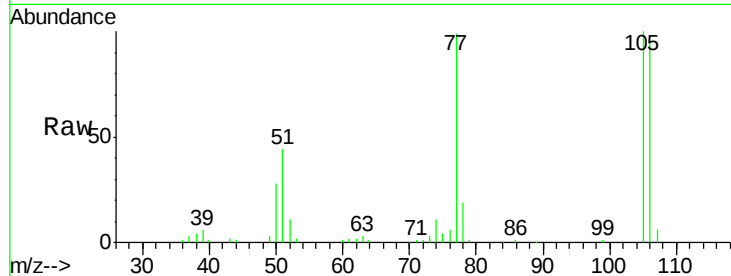




#9
Benzaldehyde
Concen: 39.026 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

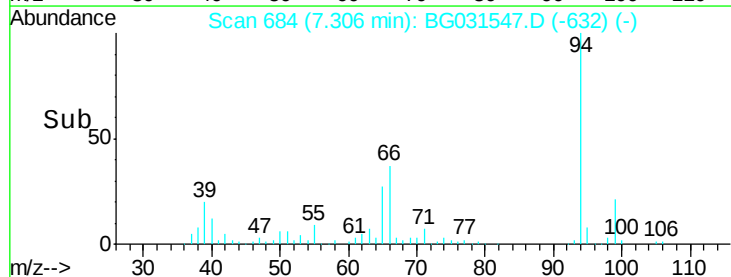
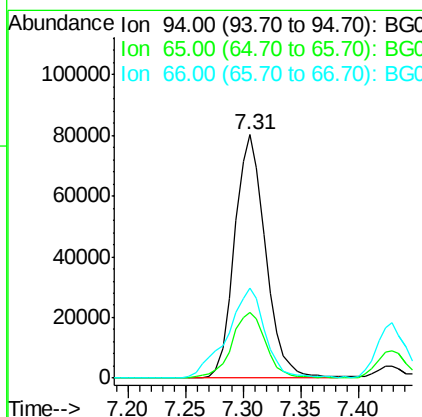
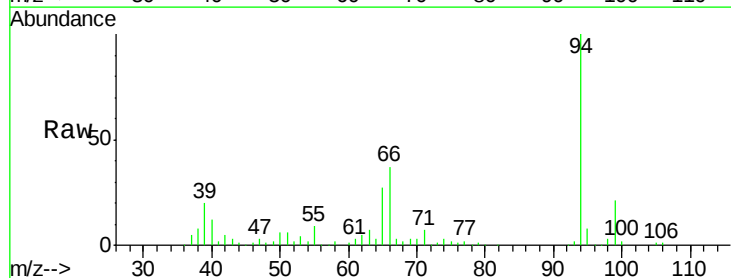
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

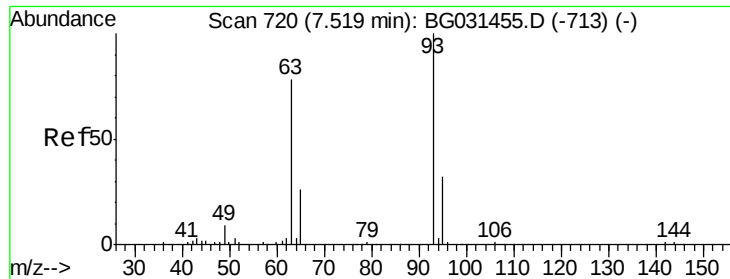
Tot Ion: 77 Resp: 71973
Ion Ratio Lower Upper
77 100
105 100.6 71.3 111.3
106 96.1 64.2 104.2



#10
Phenol
Concen: 45.490 ng
RT: 7.31 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 94 Resp: 148681
Ion Ratio Lower Upper
94 100
65 27.1 11.9 51.9
66 36.8 22.2 62.2

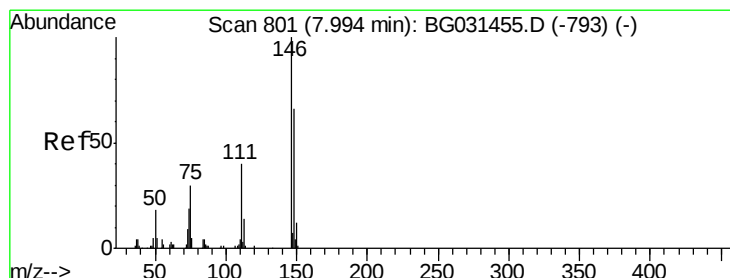
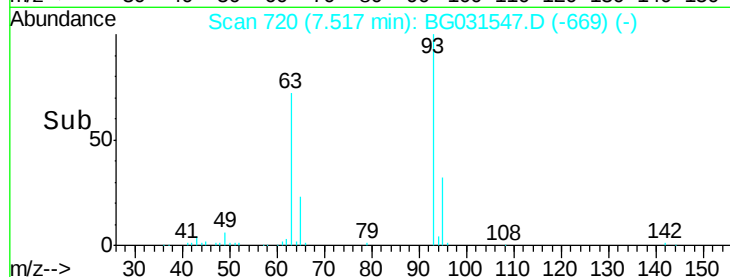
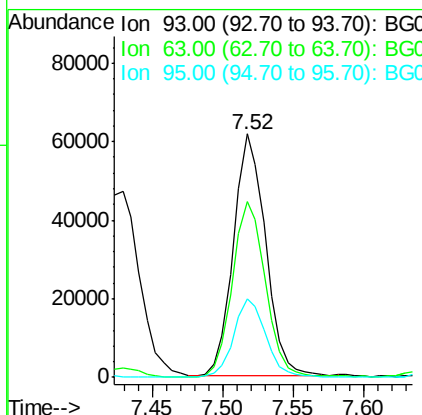
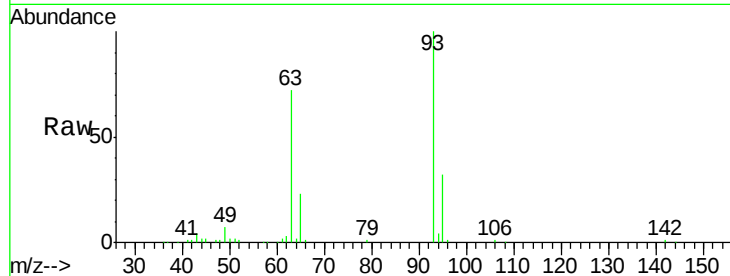




#11
bis(2-Chloroethyl)ether
Concen: 36.867 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

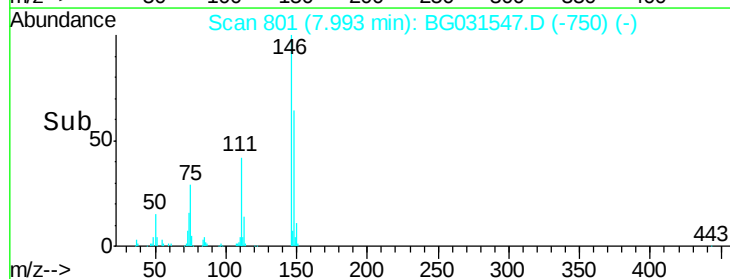
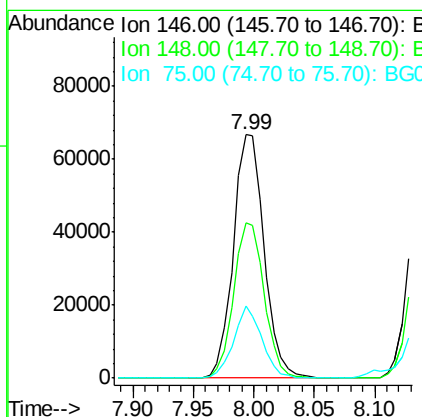
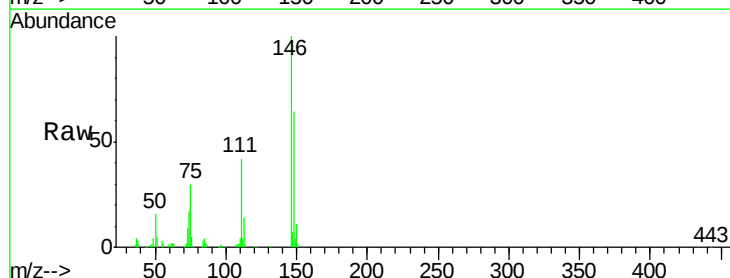
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

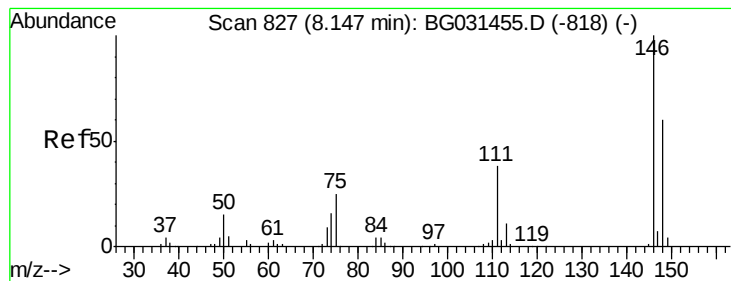
Tot Ion	93	63	95
Resp:	98347		
Ratio	100	72.2	32.2
Lower		67.1	11.5
Upper		107.1	51.5



#12
1,3-Dichlorobenzene
Concen: 39.000 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	146	148	75
Resp:	118565		
Ratio	100	63.6	29.7
Lower		51.4	26.6
Upper		77.2	39.8





#13

1,4-Dichlorobenzene

Concen: 37.679 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

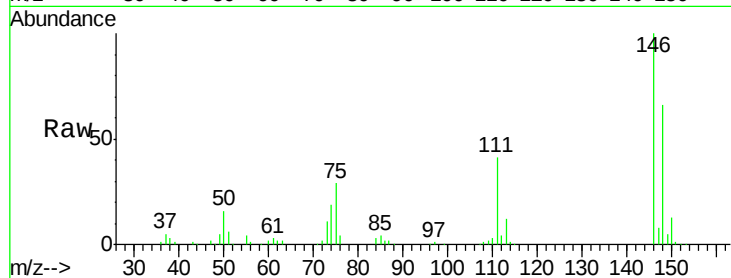
Tot Ion:146 Resp: 119052

Ion Ratio Lower Upper

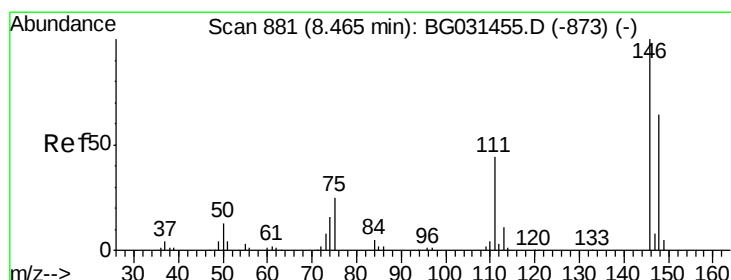
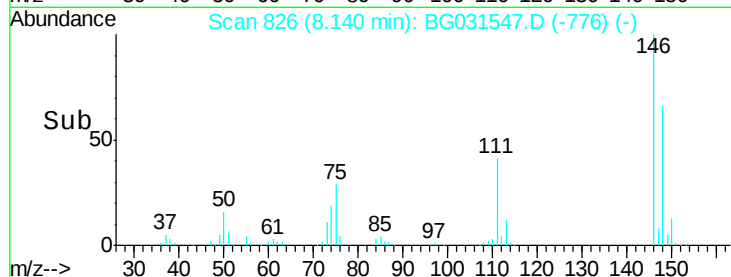
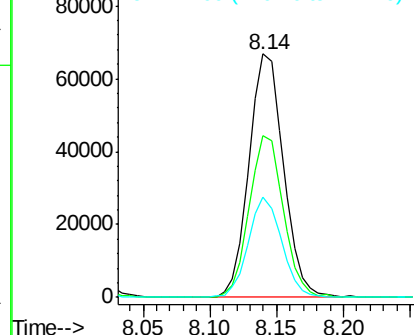
146 100

148 66.3 53.7 80.5

111 41.1 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 39.250 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

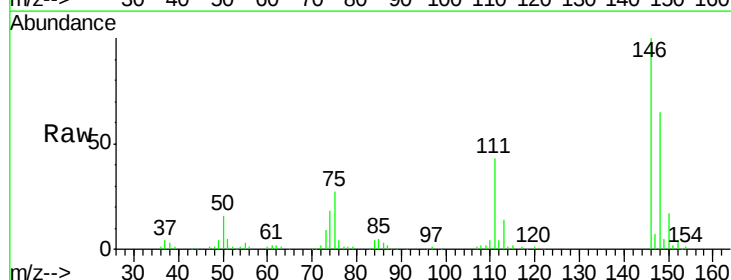
Tgt Ion:146 Resp: 118134

Ion Ratio Lower Upper

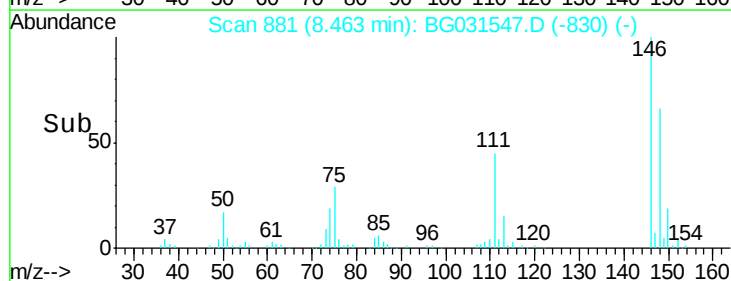
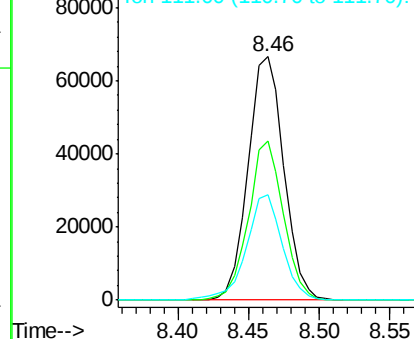
146 100

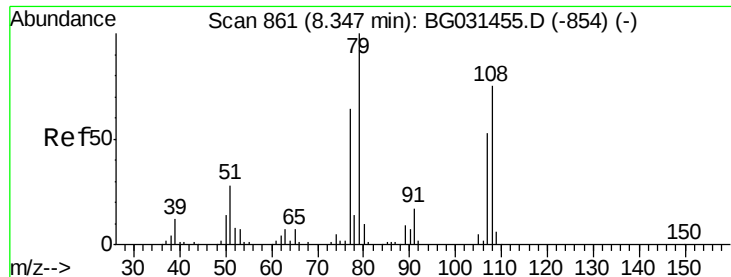
148 65.1 49.3 73.9

111 43.1 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 37.918 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

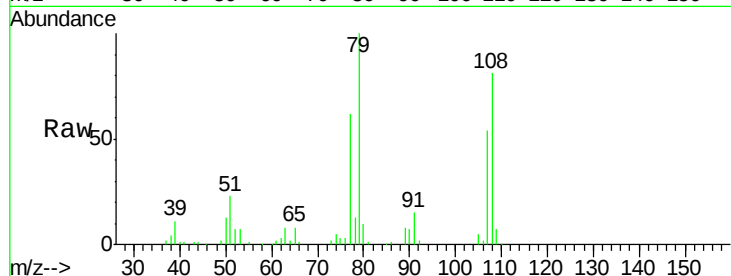
Tot Ion: 79 Resp: 94374

Ion Ratio Lower Upper

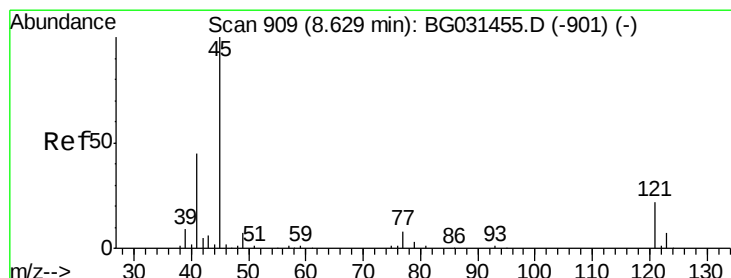
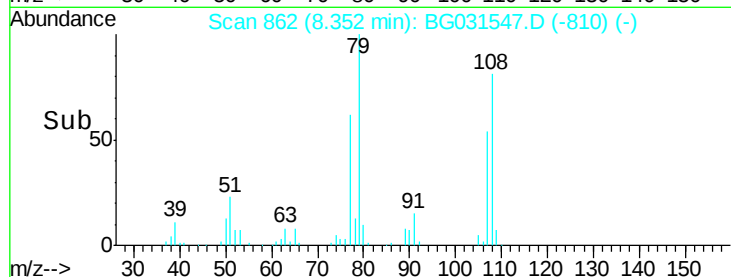
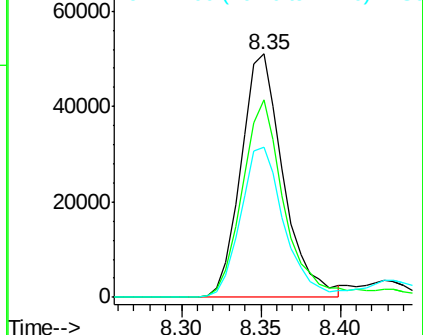
79 100

108 81.3 57.2 85.8

77 61.7 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.416 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

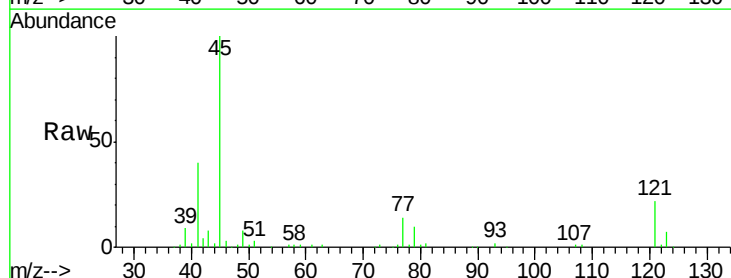
Tgt Ion: 45 Resp: 145099

Ion Ratio Lower Upper

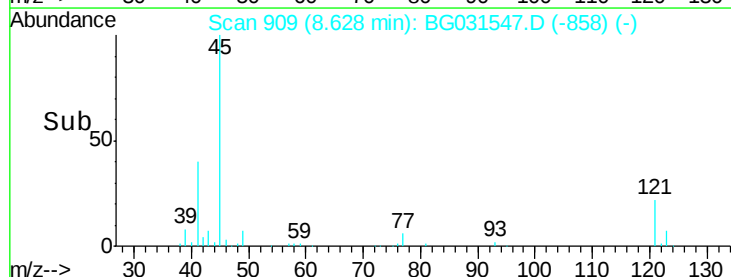
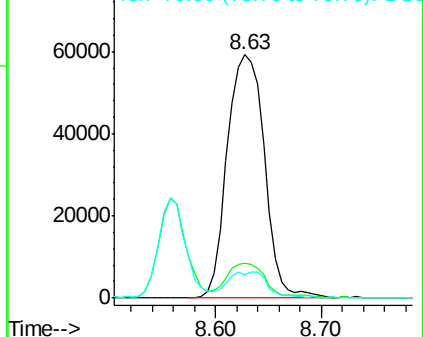
45 100

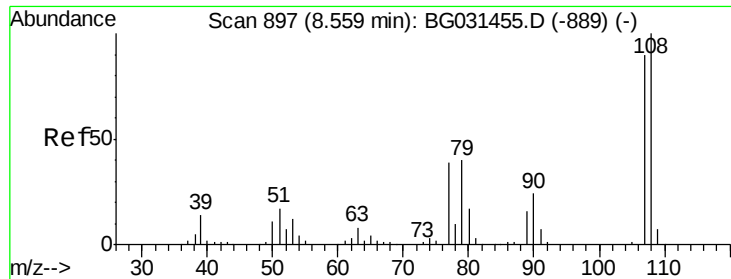
77 14.4 0.0 30.2

79 9.6 0.0 27.9



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

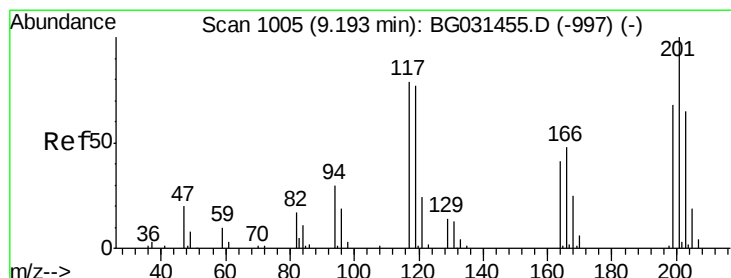
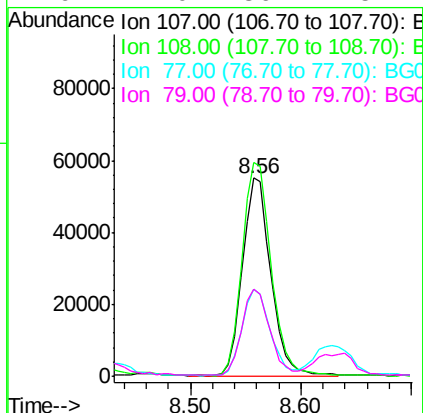
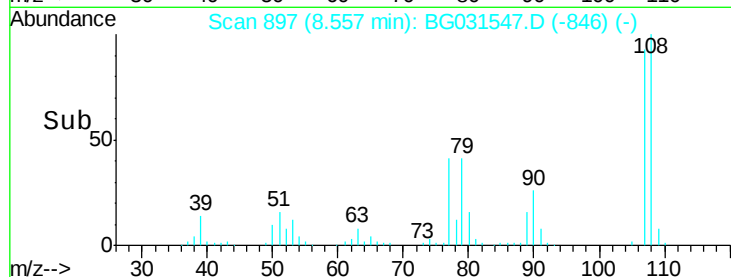
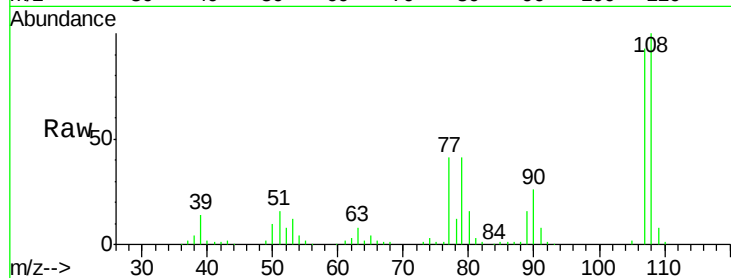




#17
2-Methylphenol
Concen: 45.178 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

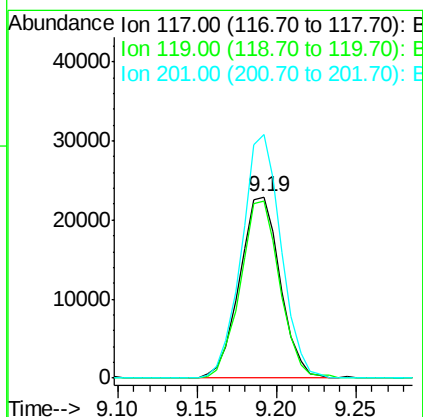
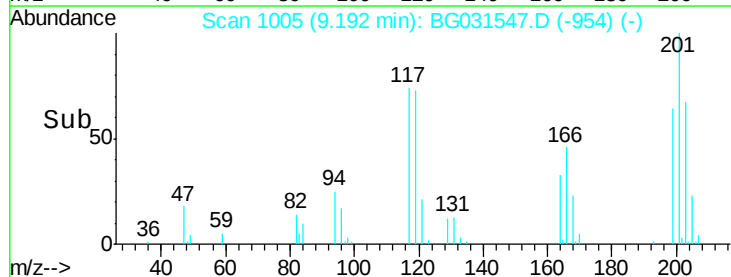
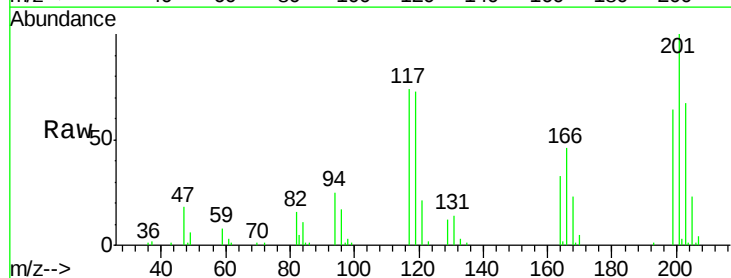
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

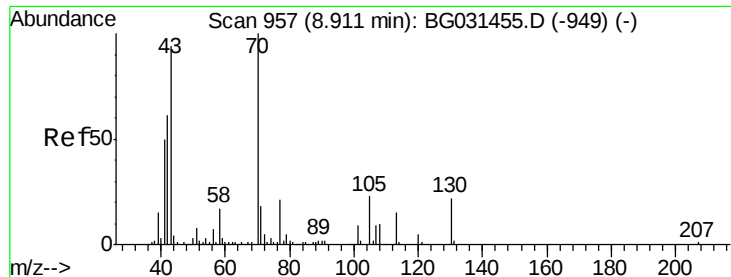
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.8	83.9	125.9
77	44.0	37.2	55.8
79	44.0	36.2	54.2



#18
Hexachloroethane
Concen: 38.067 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
201	134.6	95.7	143.5

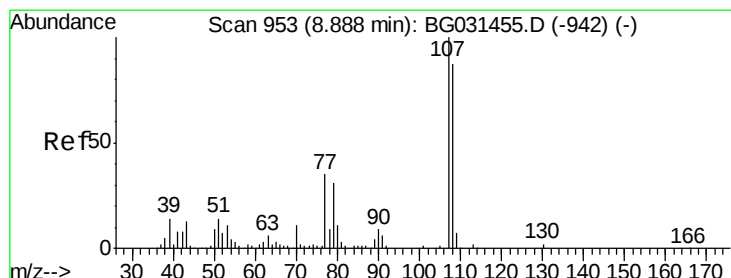
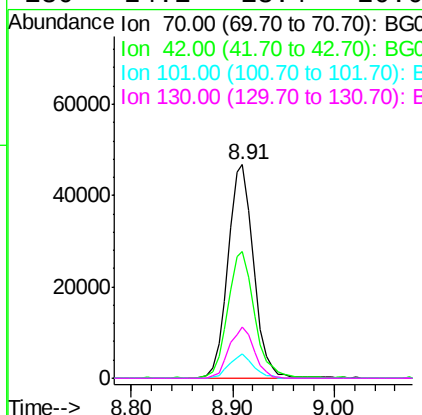
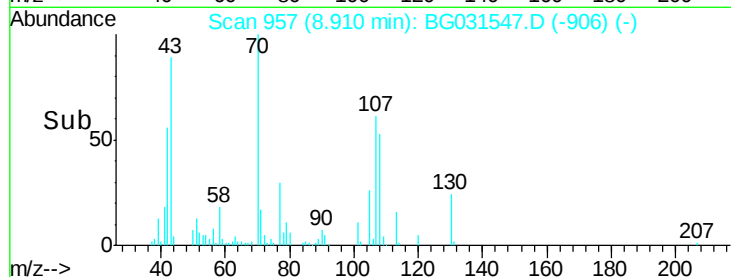
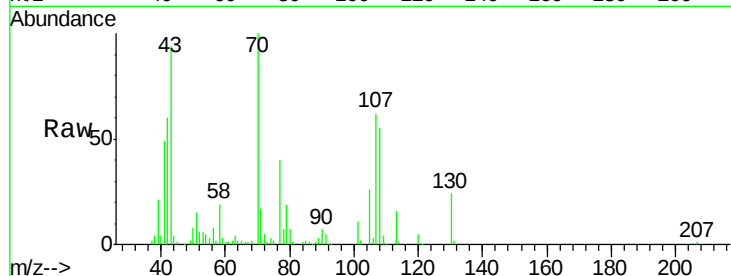




#19
n-Nitroso-di-n-propylamine
Concen: 32.755 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

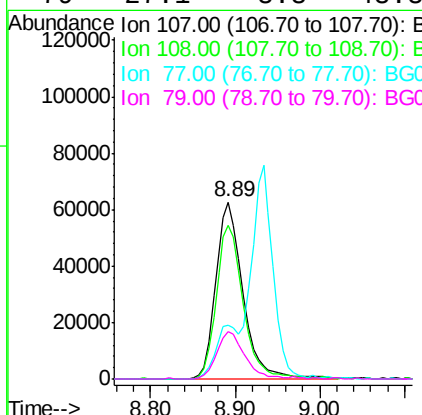
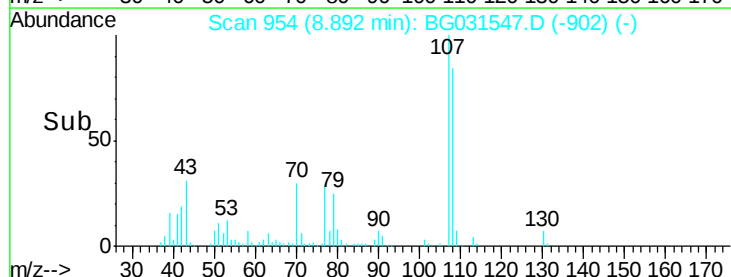
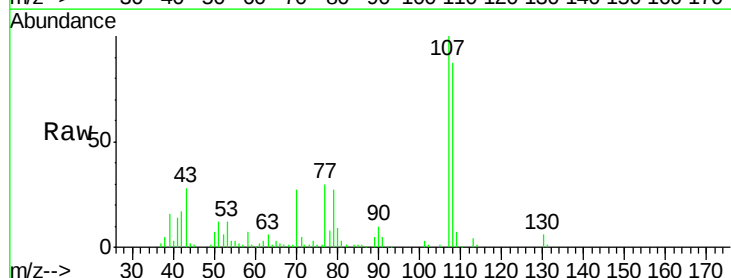
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

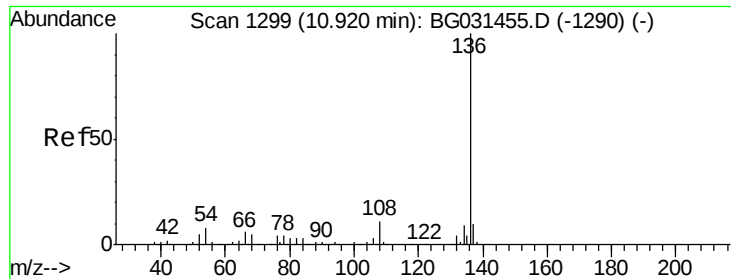
Tot Ion: 70 Resp: 82027
Ion Ratio Lower Upper
70 100
42 59.6 49.1 73.7
101 11.3 8.5 12.7
130 24.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.305 ng
RT: 8.89 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 107 Resp: 140410
Ion Ratio Lower Upper
107 100
108 87.1 61.6 101.6
77 30.2 13.9 53.9
79 27.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

Tot Ion:136 Resp: 181228

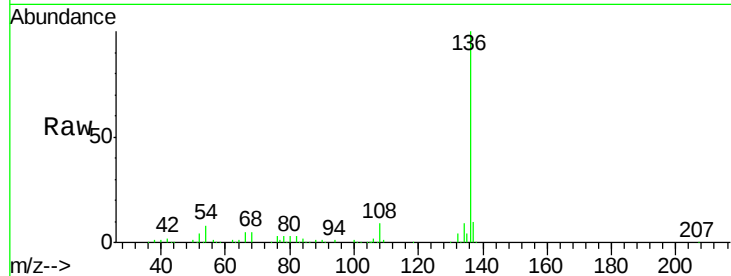
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 7.9 10.3 15.5#

68 4.8 4.5 6.7

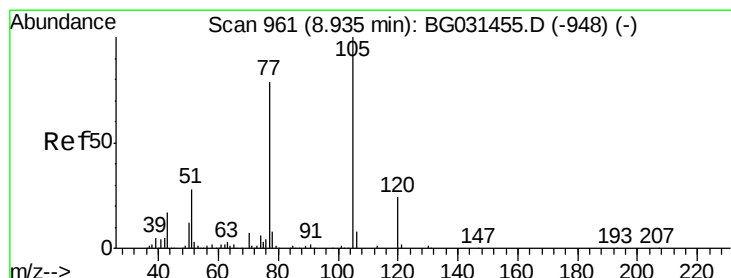
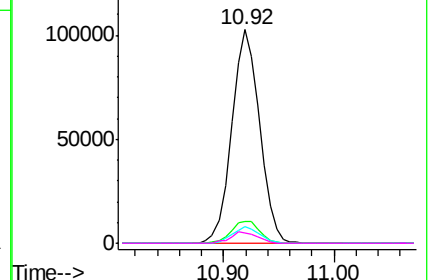
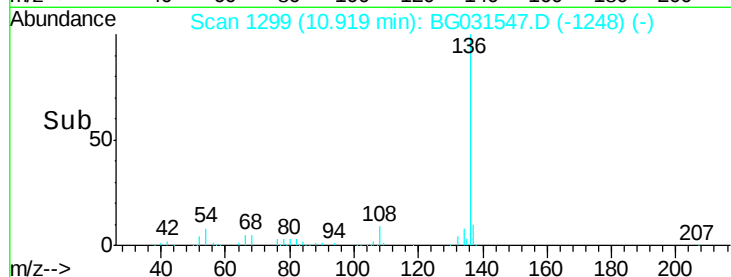


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.274 ng

RT: 8.93 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Tgt Ion:105 Resp: 170751

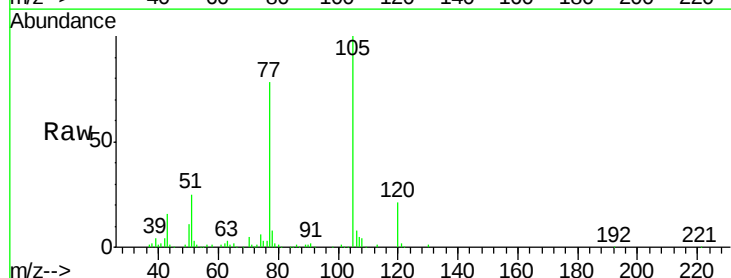
Ion Ratio Lower Upper

105 100

71 1.0 3.0 4.4#

51 25.3 26.1 39.1#

120 21.3 17.4 26.2

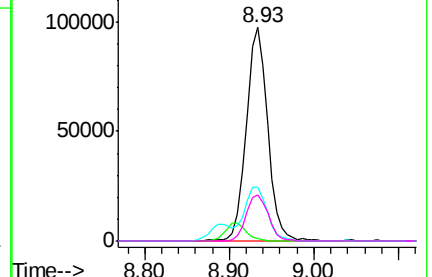
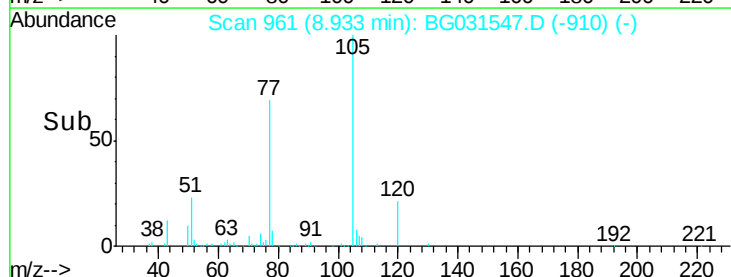


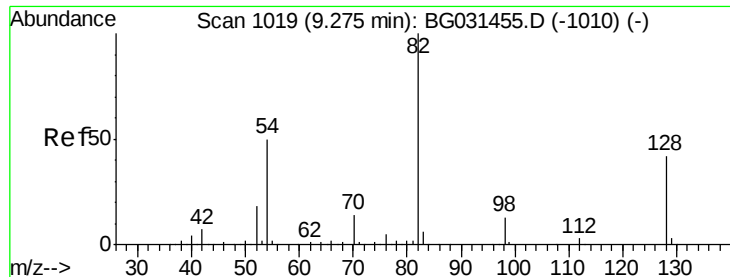
Abundance Ion 105.00 (104.70 to 105.70): E

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

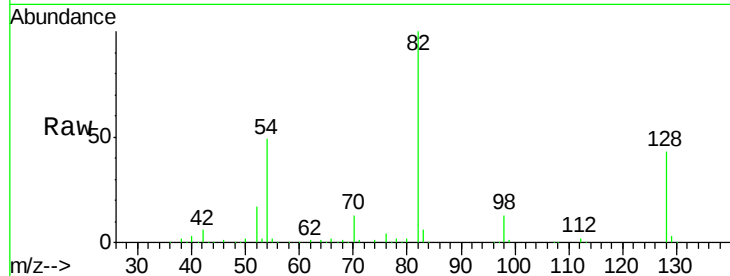




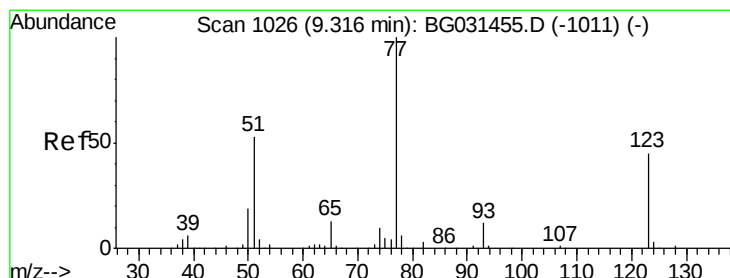
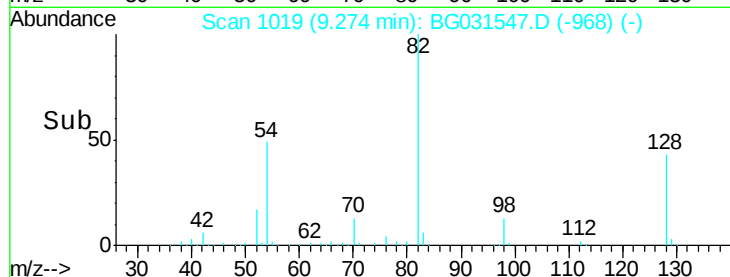
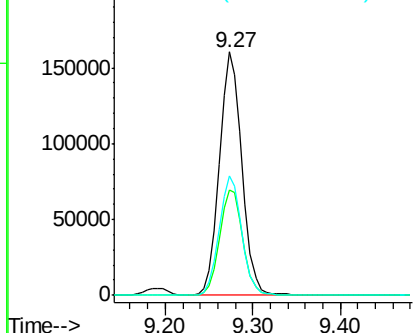
#23
 Nitrobenzene-d5
 Concen: 97.280 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

Tot Ion	82	Resp	286028
Ion Ratio	100	Lower	Upper
128	43.2	29.7	44.5
54	49.1	43.1	64.7

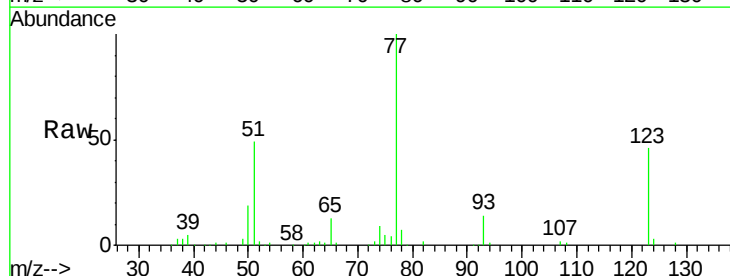


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

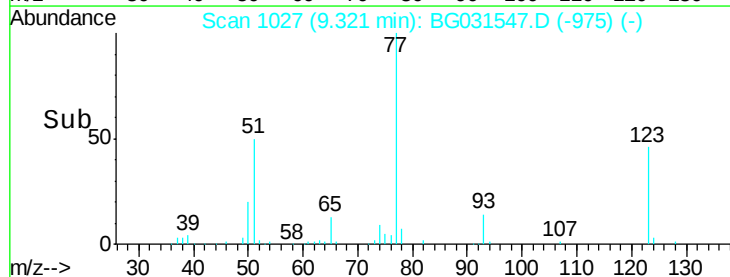
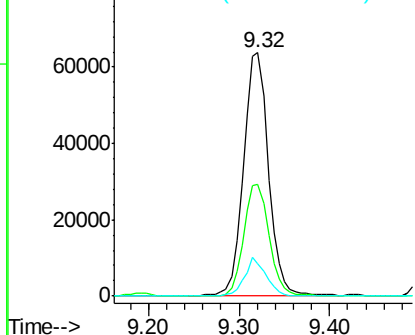


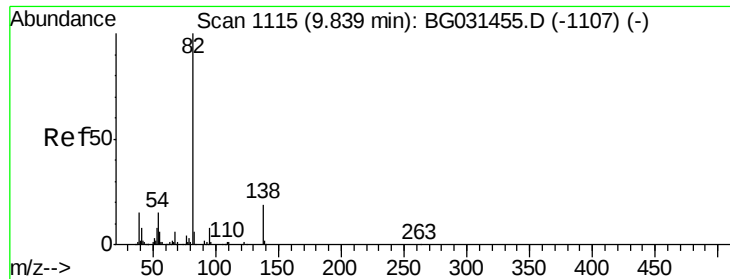
#24
 Nitrobenzene
 Concen: 40.464 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	77	Resp	121916
Ion Ratio	100	Lower	Upper
123	46.0	33.0	49.6
65	13.1	13.0	19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.582 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

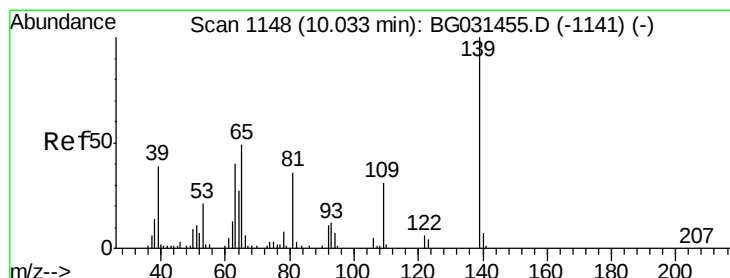
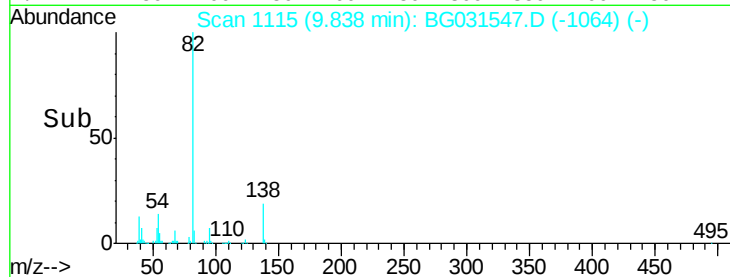
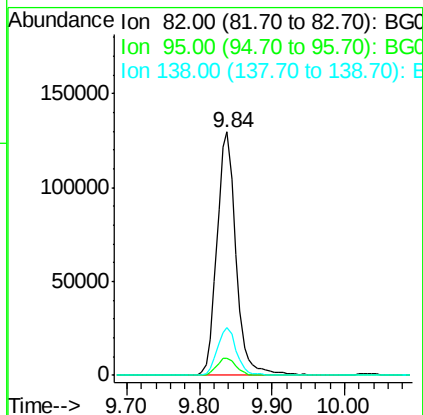
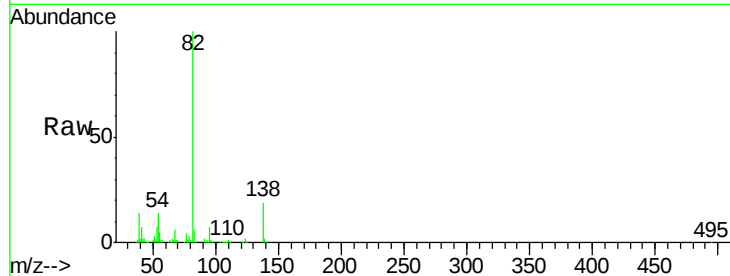
Tot Ion: 82 Resp: 236613

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

138 19.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 44.244 ng

RT: 10.04 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

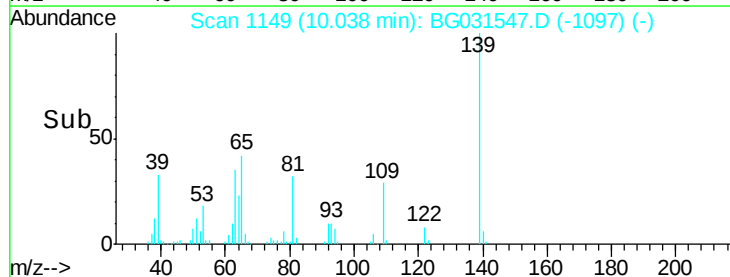
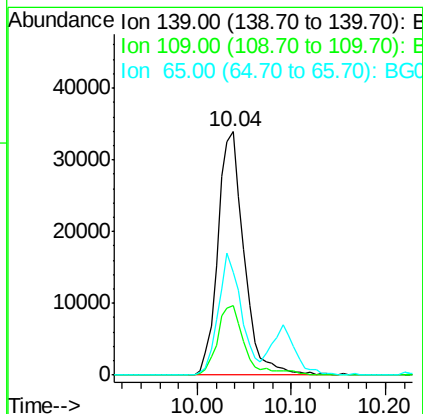
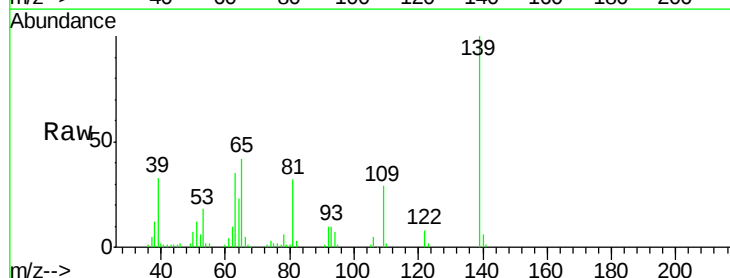
Tgt Ion: 139 Resp: 65917

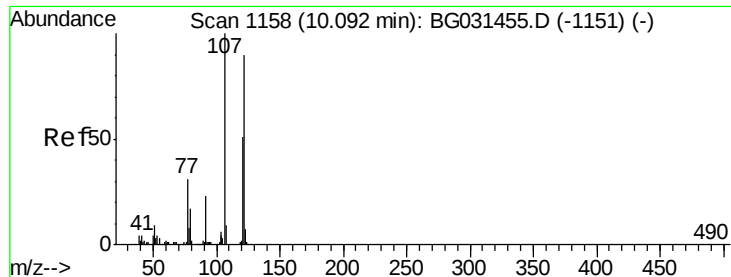
Ion Ratio Lower Upper

139 100

109 28.7 24.2 36.2

65 42.4 47.4 71.0#

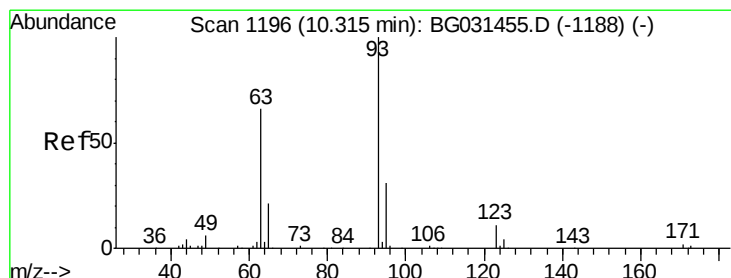
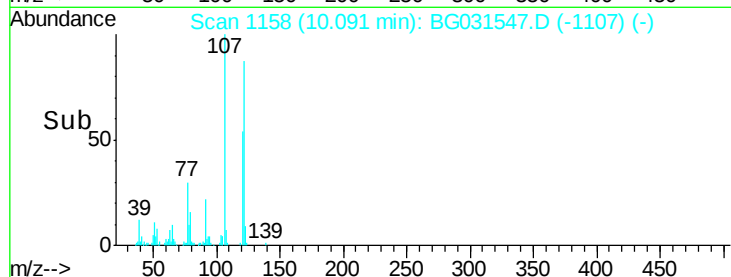
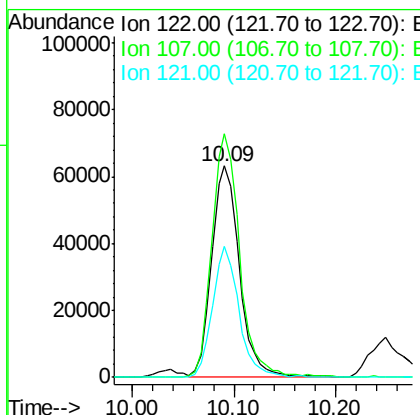
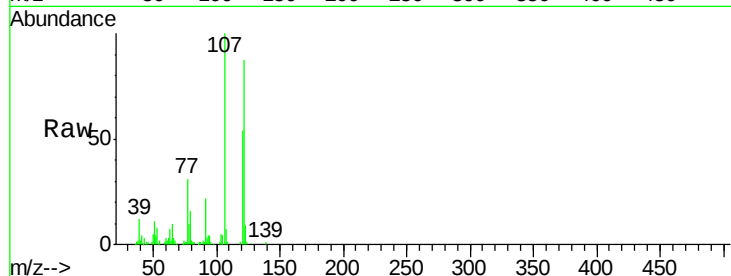




#27
 2,4-Dimethylphenol
 Concen: 52.498 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

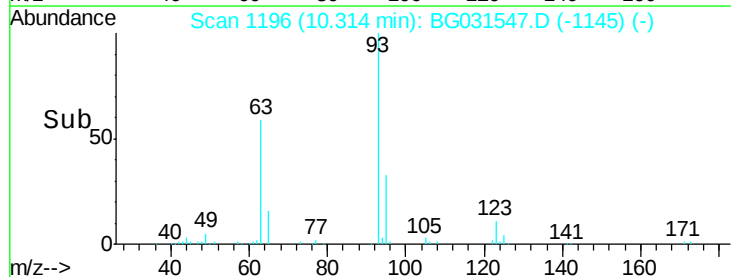
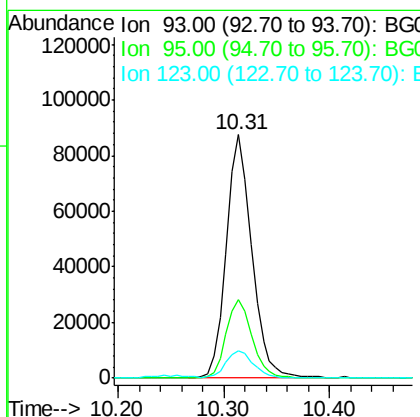
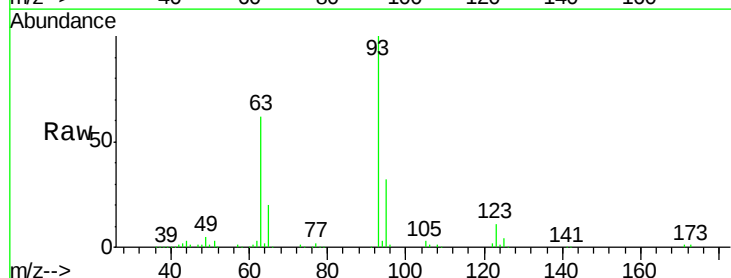
Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

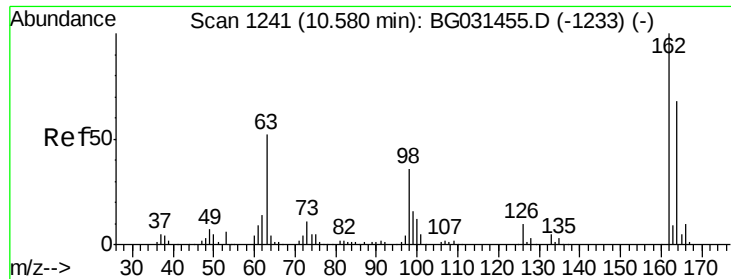
Tot Ion:122 Resp: 118814
 Ion Ratio Lower Upper
 122 100
 107 115.1 100.2 150.2
 121 61.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.804 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion: 93 Resp: 146381
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 11.2 8.4 12.6

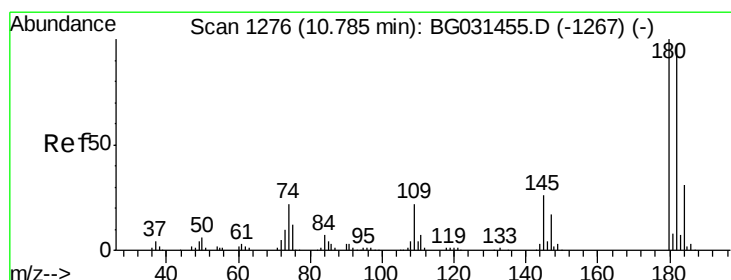
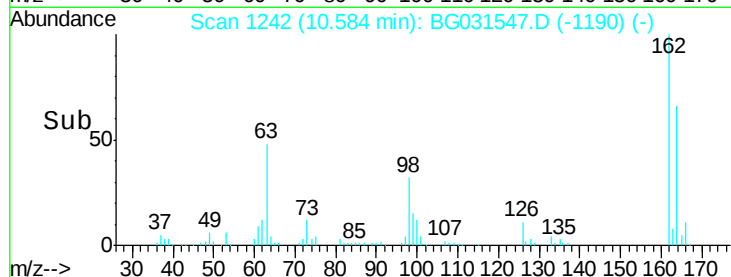
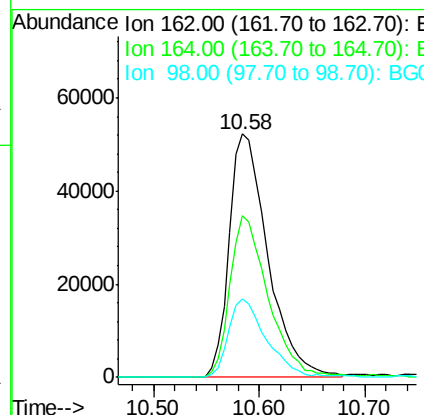
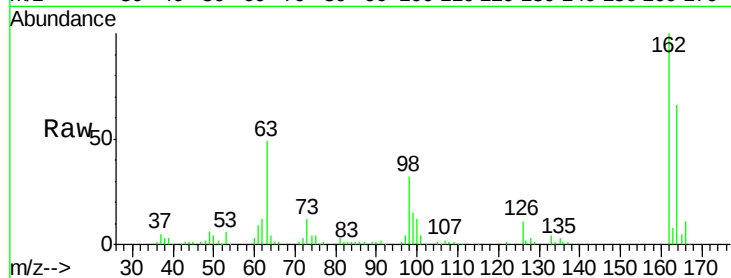




#29
 2,4-Dichlorophenol
 Concen: 49.661 ng
 RT: 10.58 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

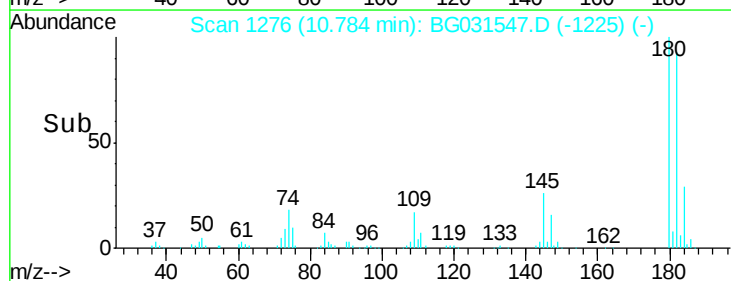
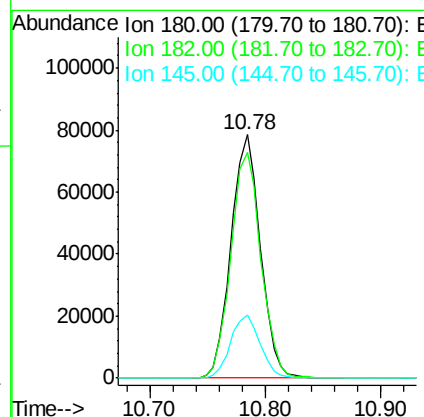
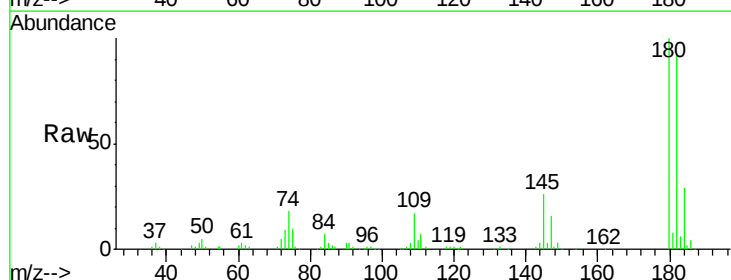
Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

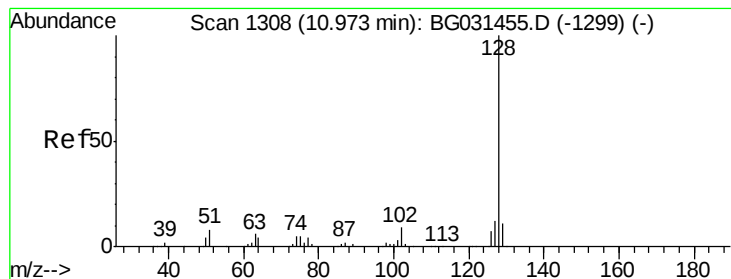
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.0	88.0
98	32.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.619 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.5	116.3
145	25.7	23.4	35.2





#31

Naphthalene

Concen: 39.561 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

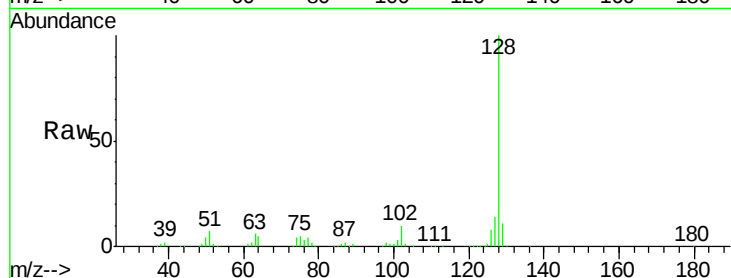
Tot Ion:128 Resp: 352219

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

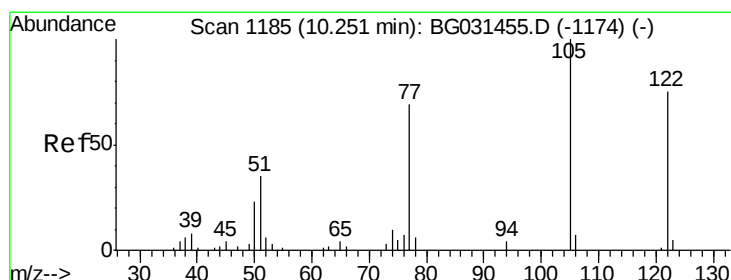
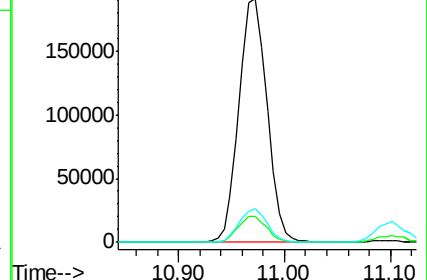
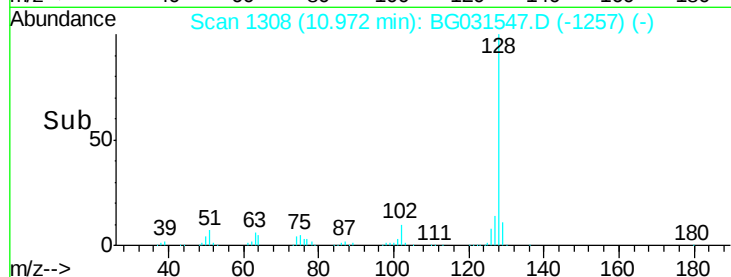
127 13.9 11.6 17.4



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: 28.541 ng

RT: 10.25 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

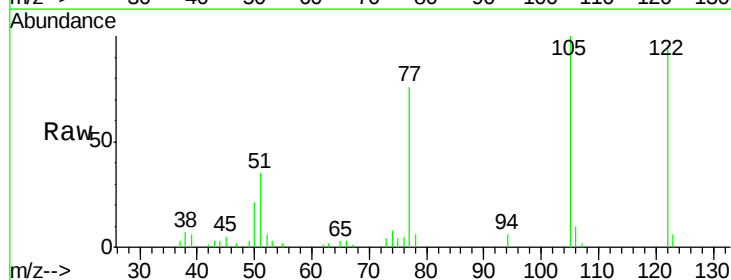
Tgt Ion:122 Resp: 29741

Ion Ratio Lower Upper

122 100

105 103.9 123.5 163.5#

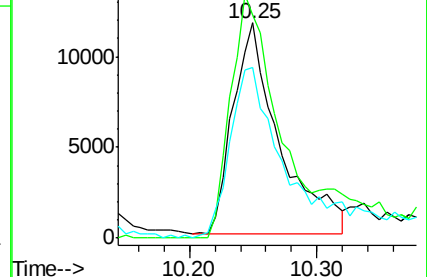
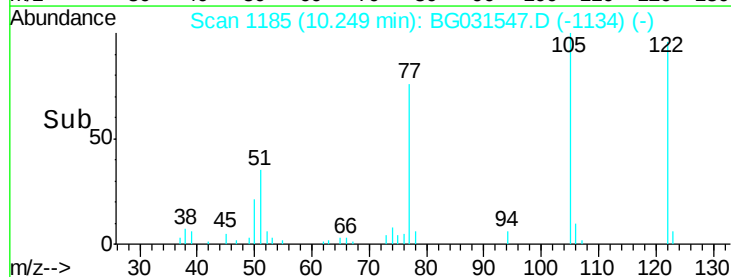
77 79.3 85.7 125.7#

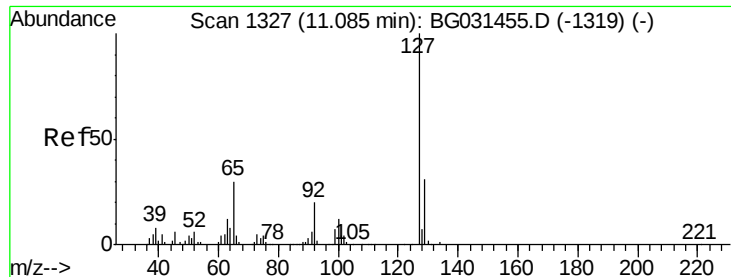


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

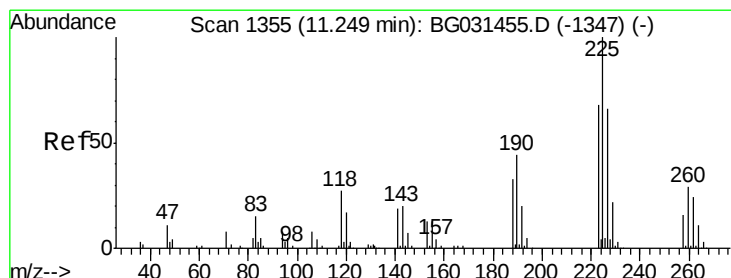
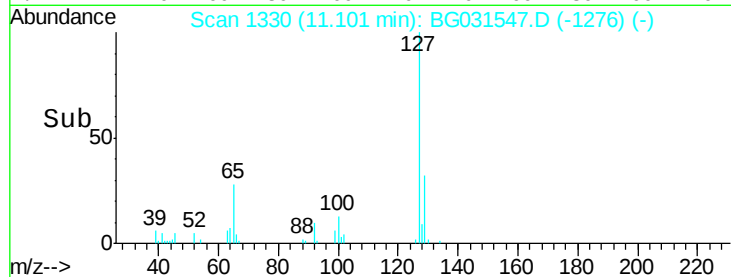
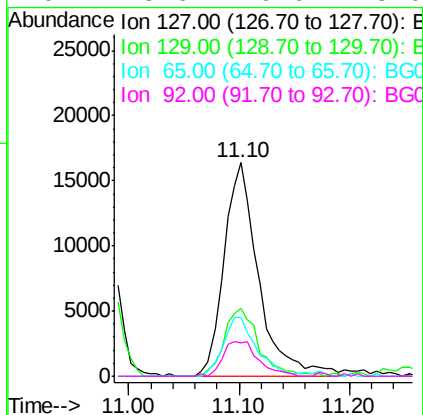
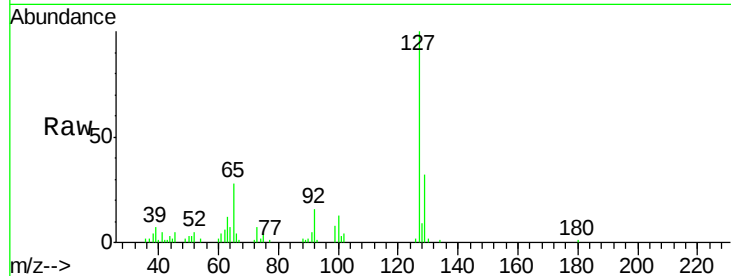




#33
4-Chloroaniline
Concen: 9.272 ng
RT: 11.10 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

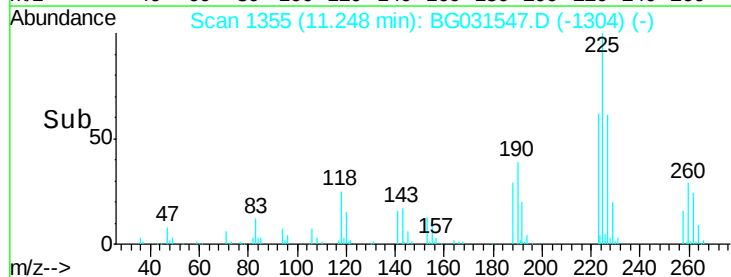
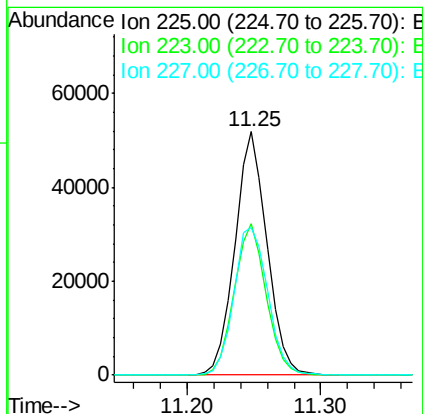
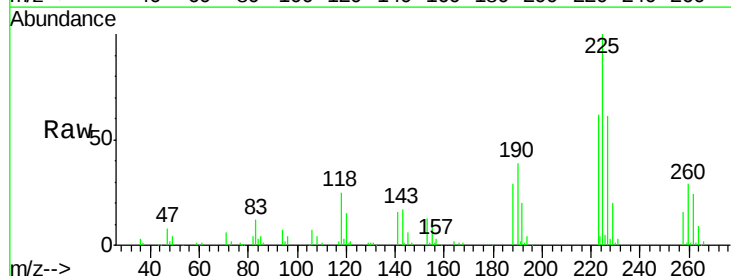
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

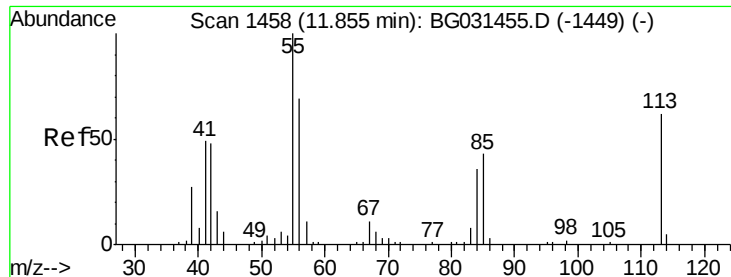
Tot Ion:127	Resp:	35843
Ion Ratio	Lower	Upper
127	100	
129	31.9	24.0 36.0
65	27.8	27.0 40.4
92	15.6	16.6 25.0#



#34
Hexachlorobutadiene
Concen: 38.074 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:225	Resp:	86020
Ion Ratio	Lower	Upper
225	100	
223	62.2	49.7 74.5
227	60.8	48.1 72.1





#35

Caprolactam

Concen: 58.909 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

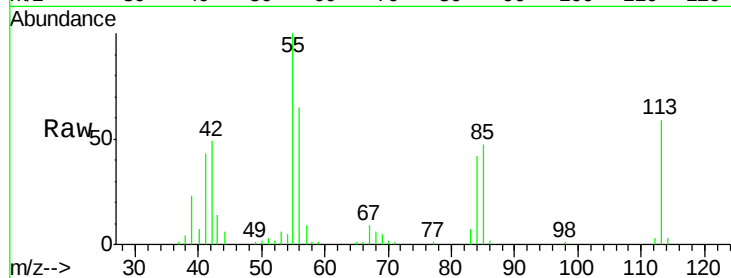
Tot Ion:113 Resp: 61679

Ion Ratio Lower Upper

113 100

55 170.8 186.9 226.9#

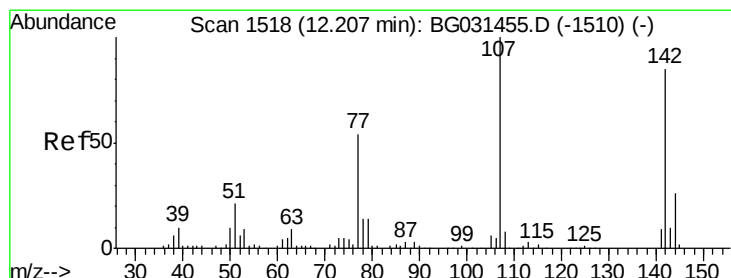
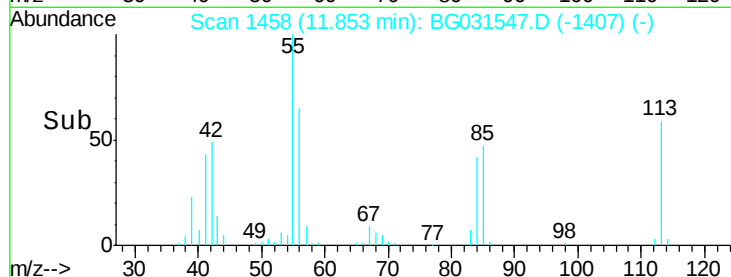
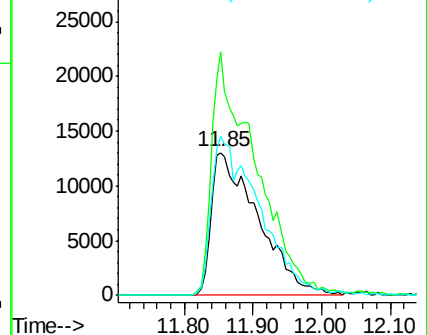
56 111.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.540 ng

RT: 12.21 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

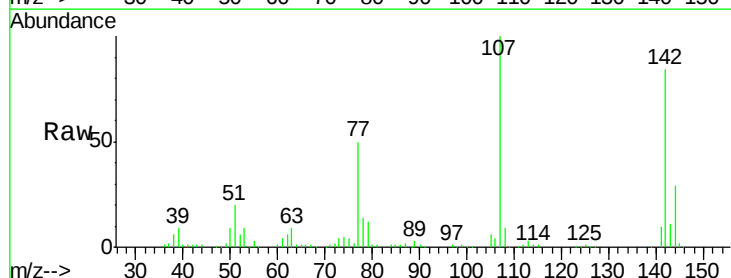
Tgt Ion:107 Resp: 141653

Ion Ratio Lower Upper

107 100

144 29.5 18.2 27.4#

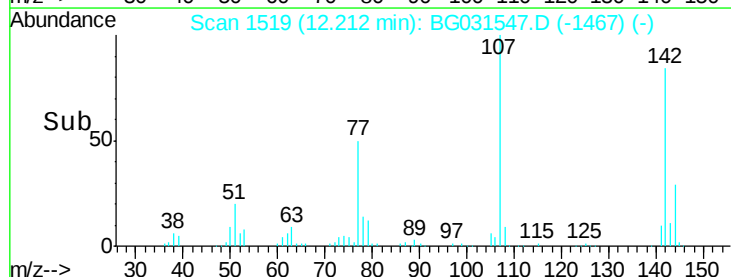
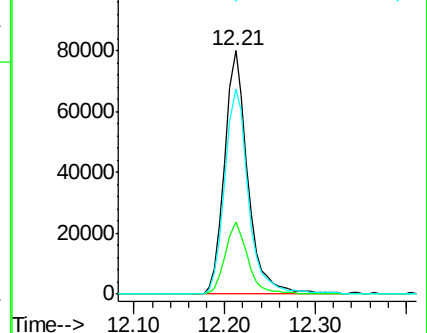
142 84.4 59.0 88.4

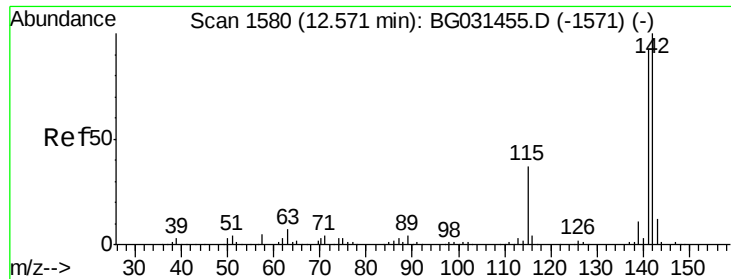


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

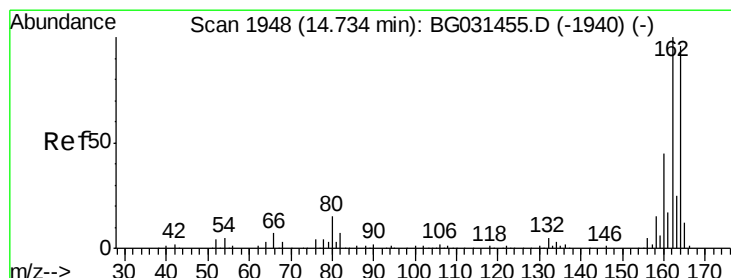
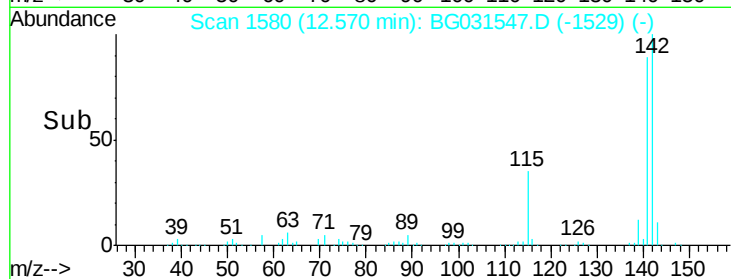
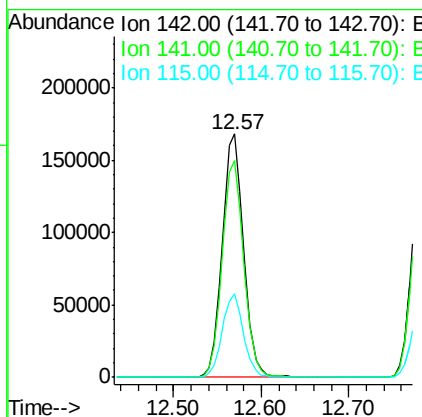
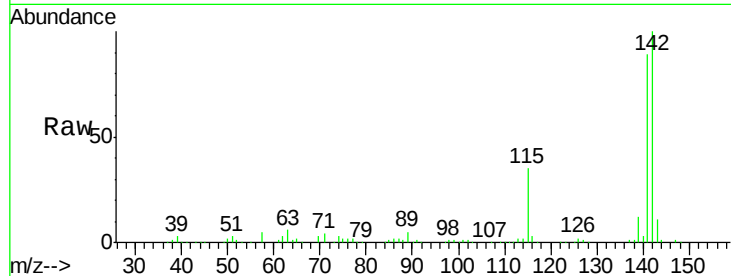




#37
2-Methylnaphthalene
Concen: 41.266 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

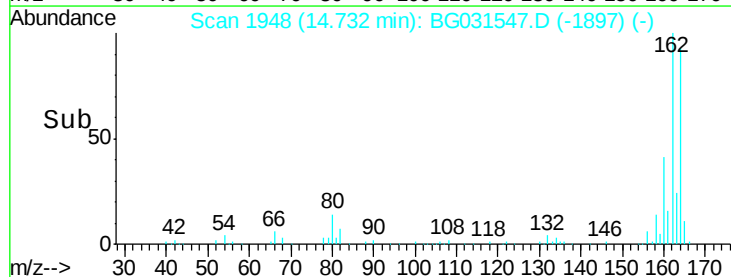
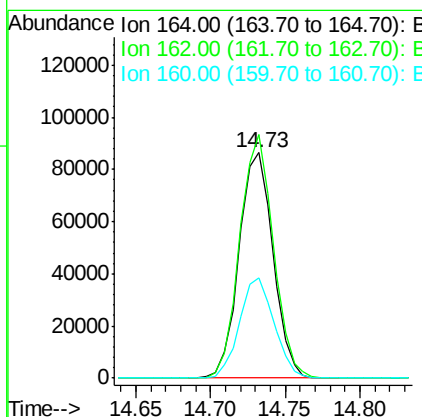
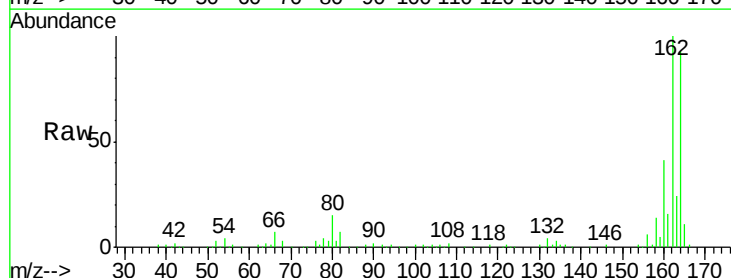
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

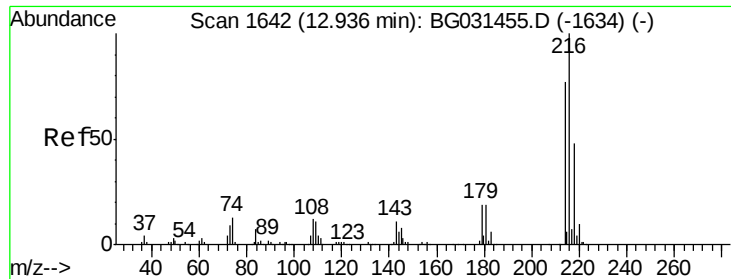
Tot Ion:142 Resp: 284466
Ion Ratio Lower Upper
142 100
141 88.8 67.1 100.7
115 34.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:164 Resp: 136209
Ion Ratio Lower Upper
164 100
162 108.1 78.8 118.2
160 44.2 35.4 53.0

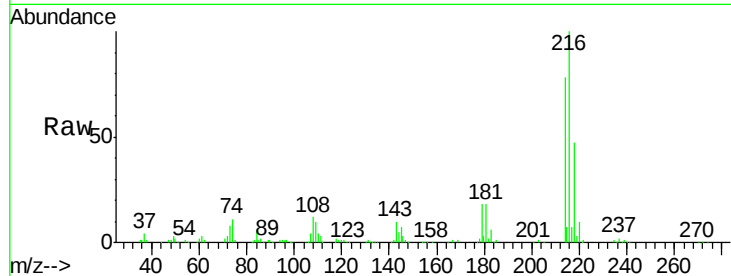




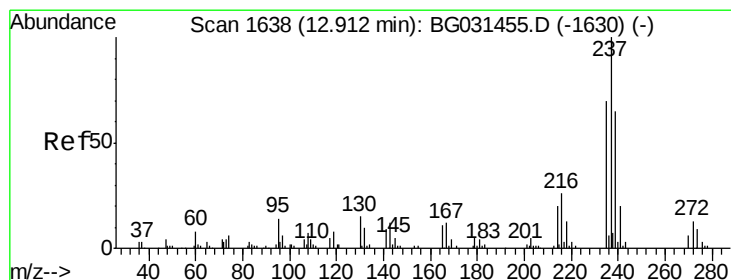
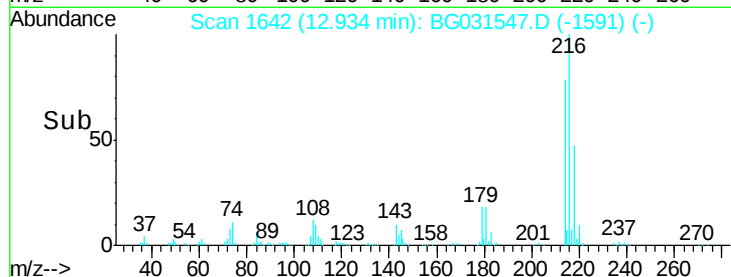
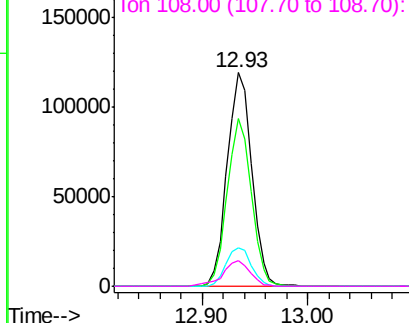
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.886 ng
 RT: 12.93 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

Tot Ion:216	Resp:	191035
Ion Ratio	Lower	Upper
216	100	
214	77.0	63.0 94.4
179	18.5	17.0 25.6
108	13.4	12.8 19.2

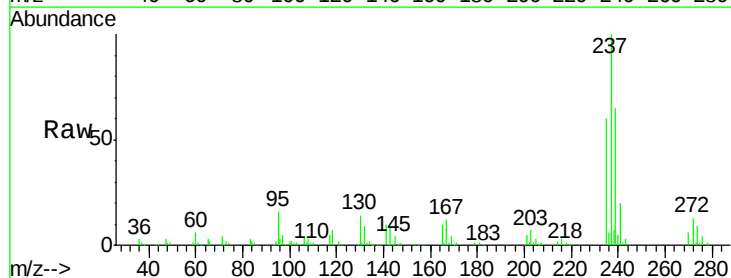


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

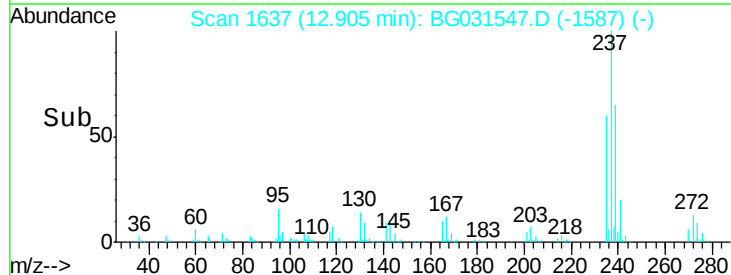
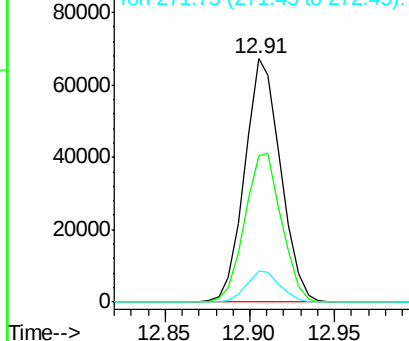


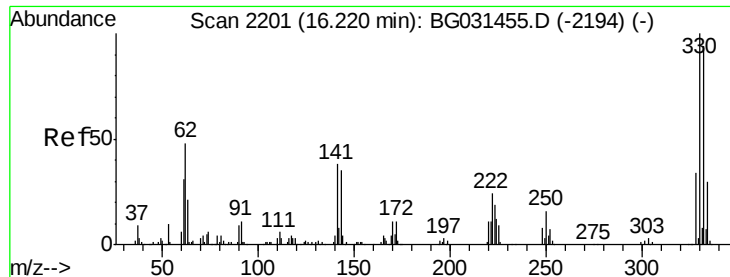
#40
 Hexachlorocyclopentadiene
 Concen: 61.458 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:237	Resp:	99051
Ion Ratio	Lower	Upper
237	100	
235	60.1	50.4 90.4
272	12.7	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

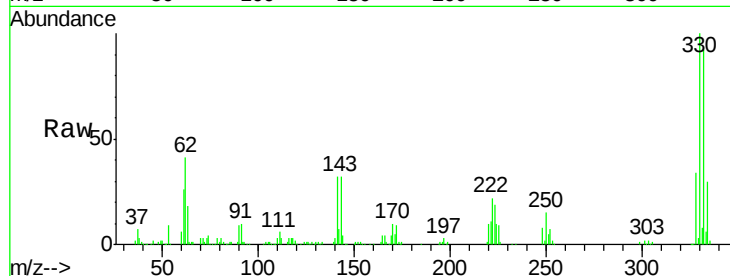




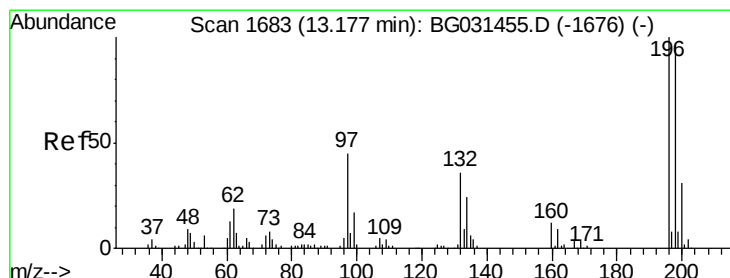
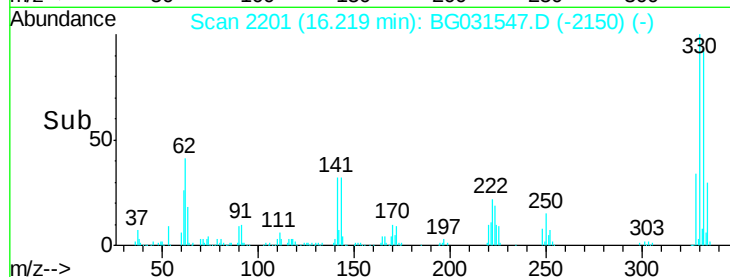
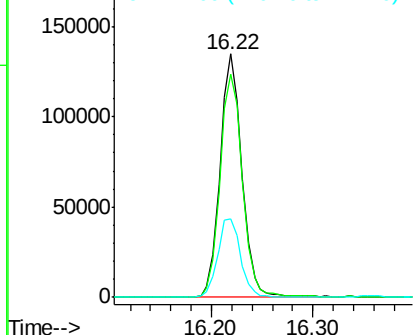
#41
 2,4,6-Tribromophenol
 Concen: 126.532 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

Tot Ion:330 Resp: 201913
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 34.2 25.2 37.8

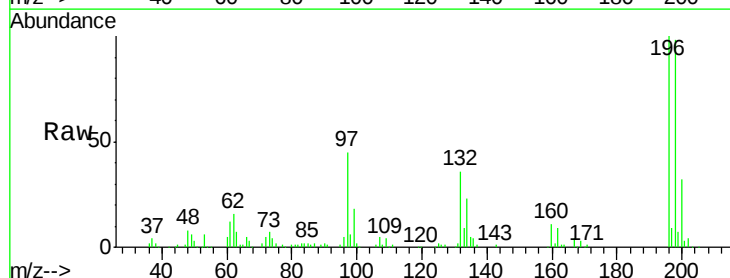


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

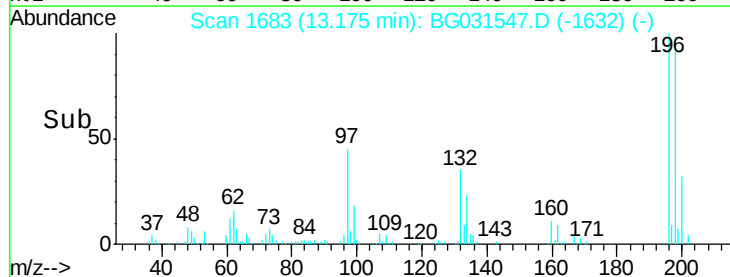
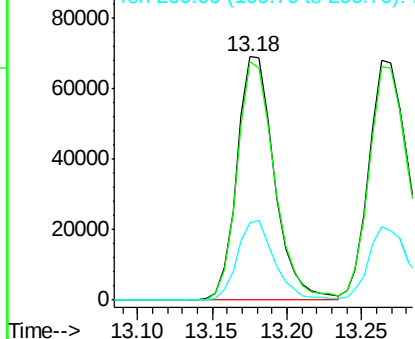


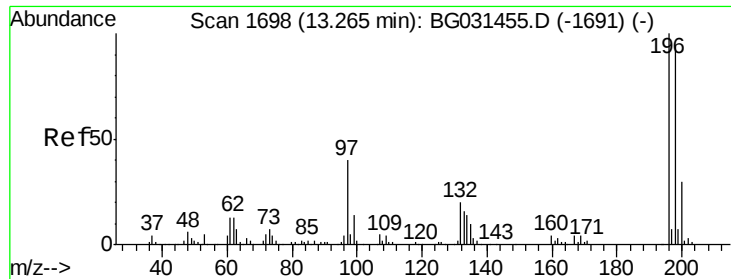
#42
 2,4,6-Trichlorophenol
 Concen: 44.323 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:196 Resp: 120548
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.2 117.2
 200 31.5 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

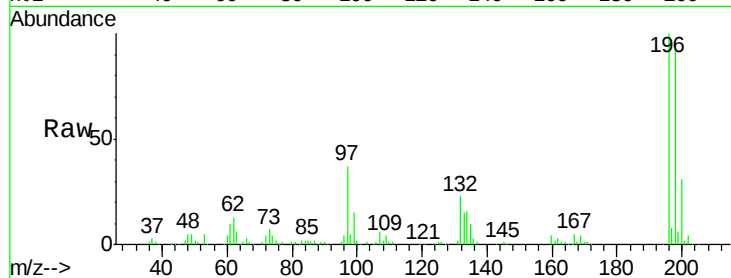




#43
2,4,5-Trichlorophenol
Concen: 46.521 ng
RT: 13.26 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :
PB104979BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.4
97	36.8	38.7	58.1
132	22.7	20.2	30.2



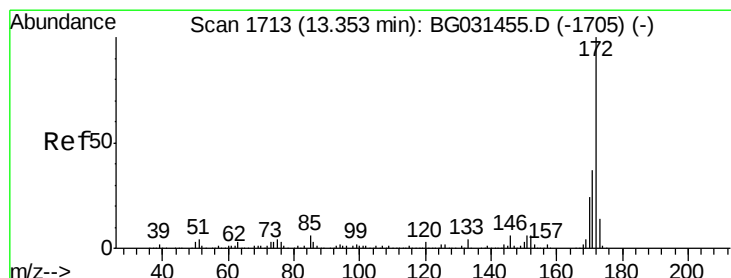
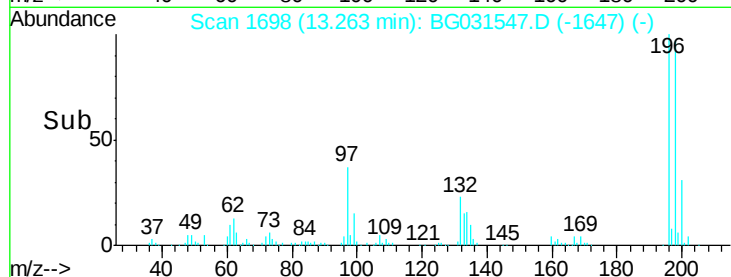
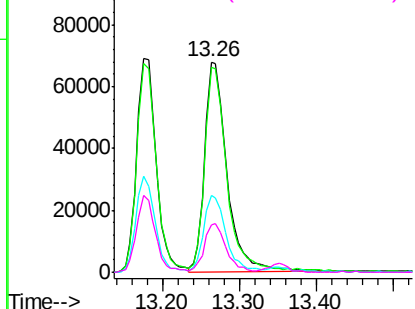
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

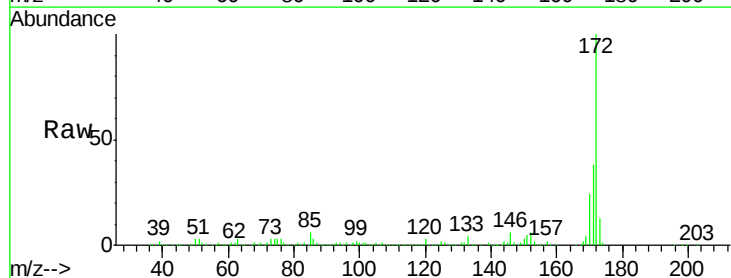
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 96.178 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.7	19.5	29.3

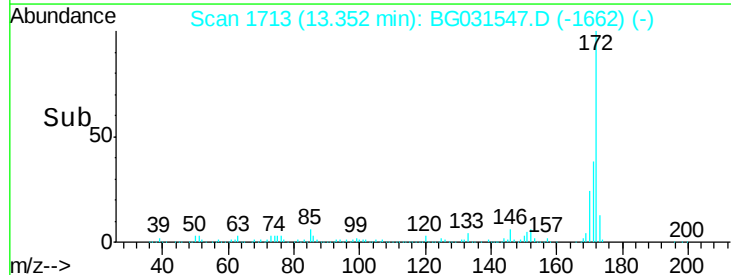
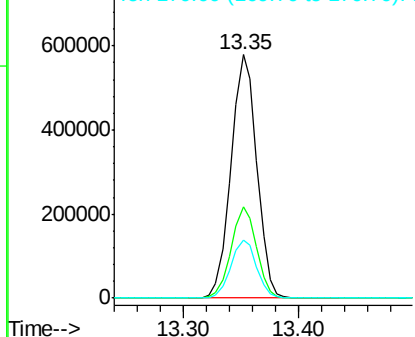


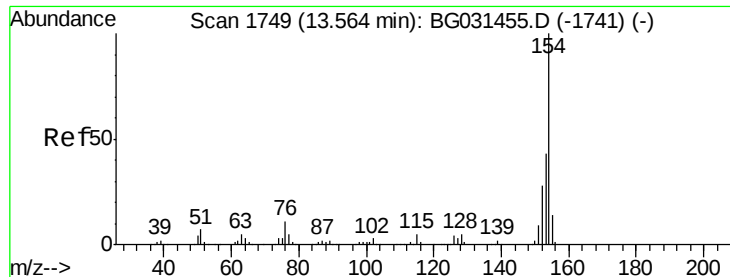
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

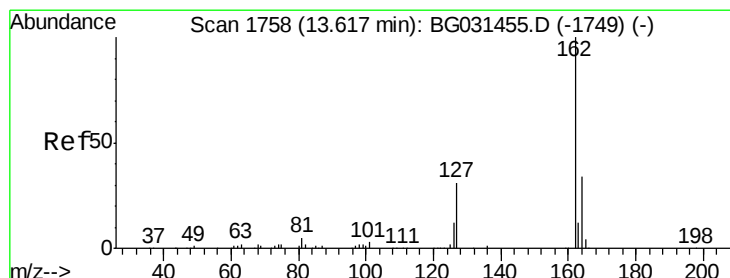
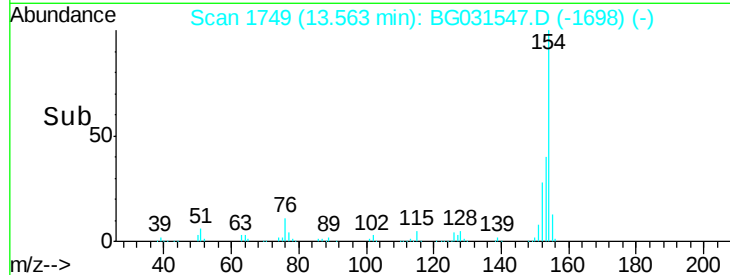
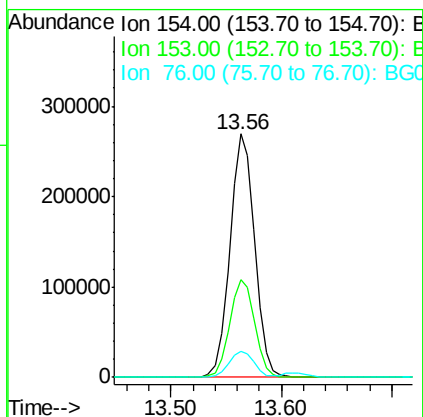
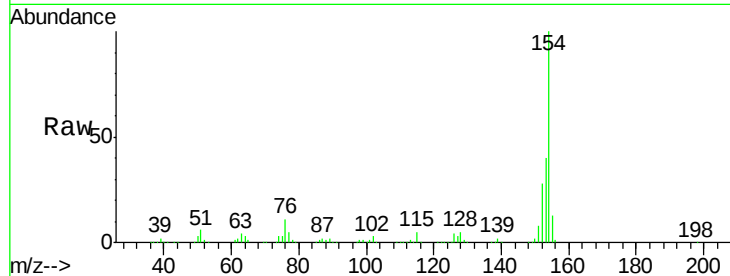




#45
 1,1'-Biphenyl
 Concen: 37.692 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

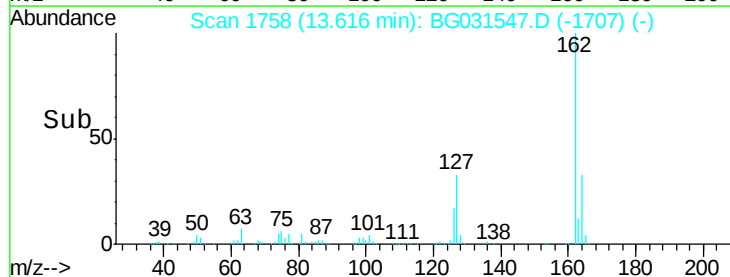
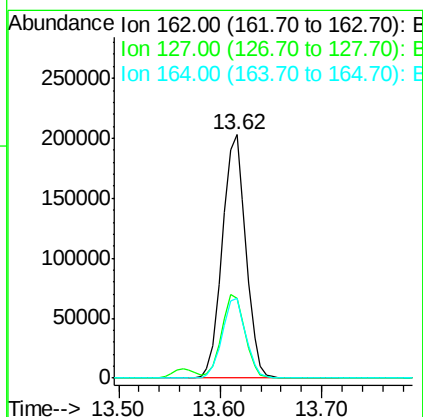
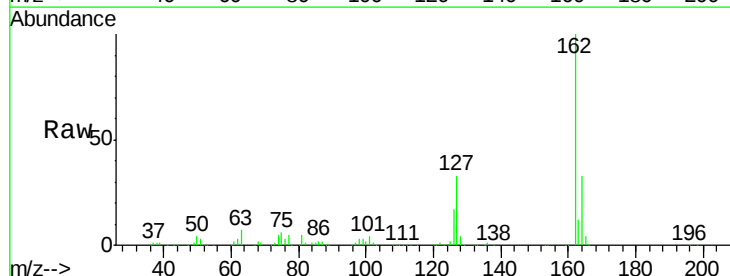
Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

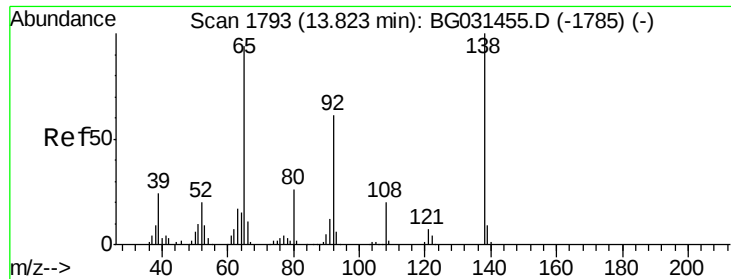
Tot Ion:154 Resp: 421670
 Ion Ratio Lower Upper
 154 100
 153 40.4 19.8 59.8
 76 10.8 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 39.770 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:162 Resp: 325647
 Ion Ratio Lower Upper
 162 100
 127 32.7 30.7 46.1
 164 32.8 26.0 39.0

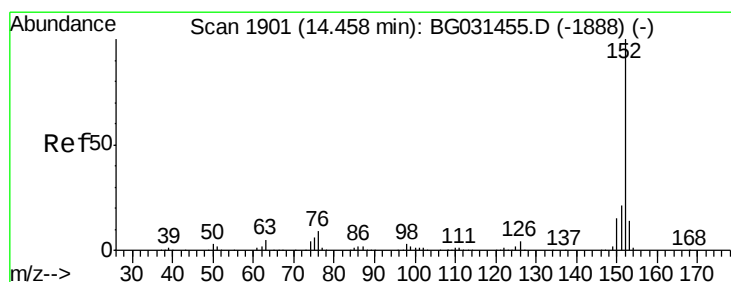
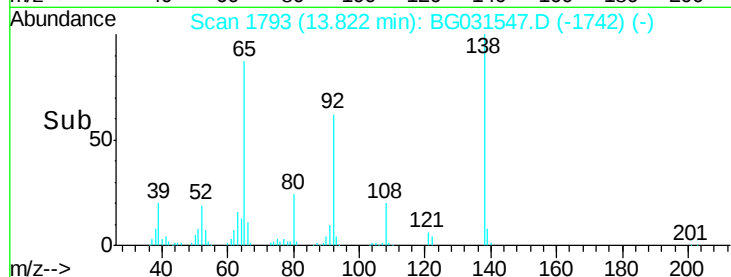
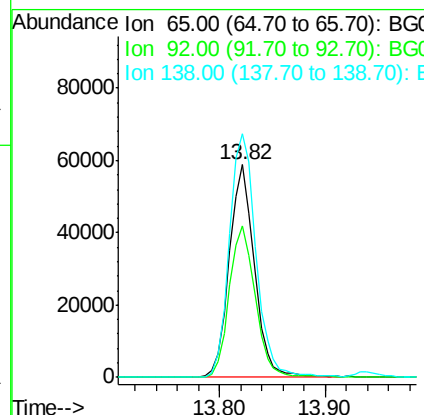
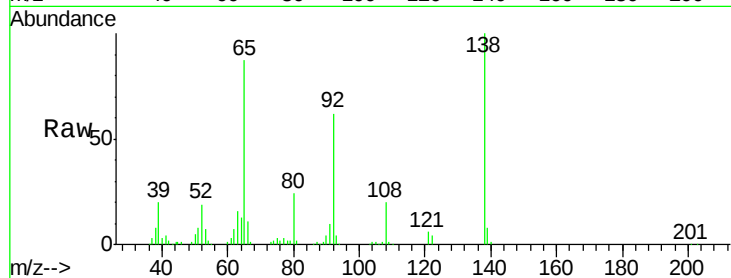




#47
2-Nitroaniline
Concen: 42.331 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

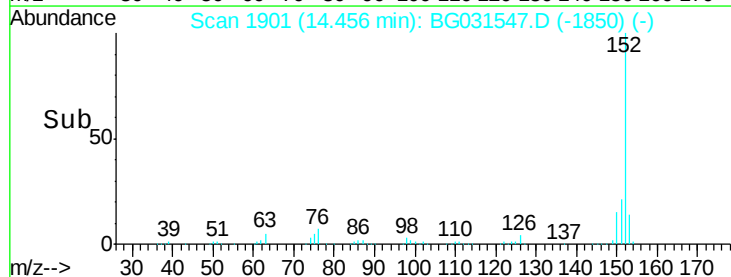
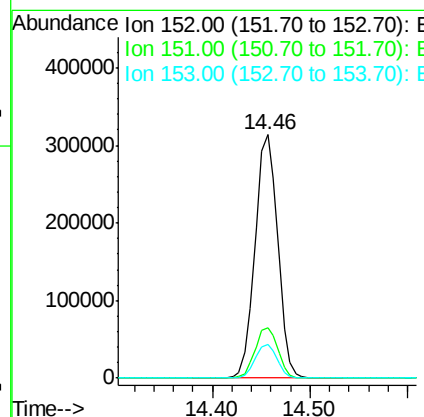
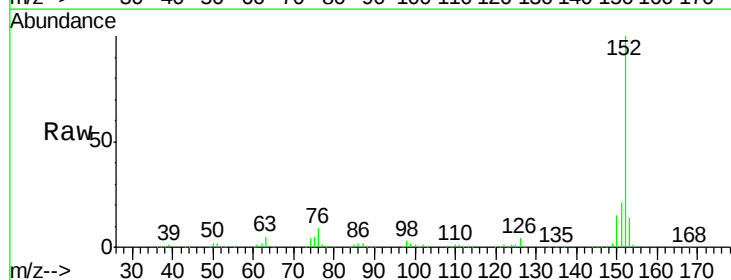
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

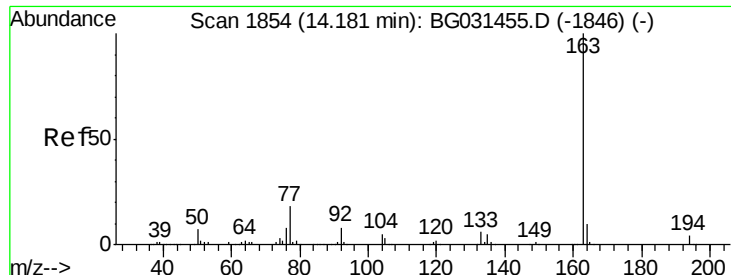
Tot Ion: 65 Resp: 97399
Ion Ratio Lower Upper
65 100
92 71.5 54.6 82.0
138 114.6 72.9 109.3#



#48
Acenaphthylene
Concen: 38.564 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 152 Resp: 508099
Ion Ratio Lower Upper
152 100
151 20.6 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 43.382 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

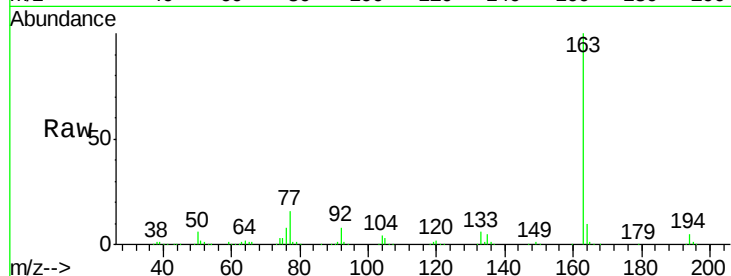
Tot Ion:163 Resp: 489207

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

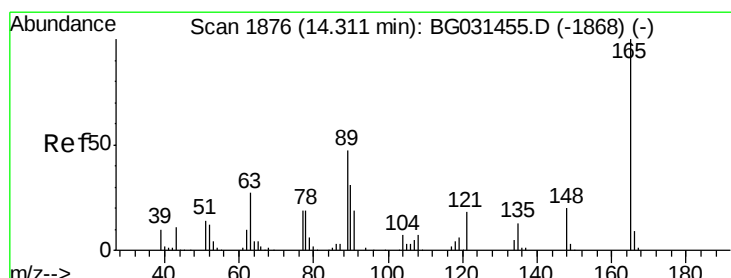
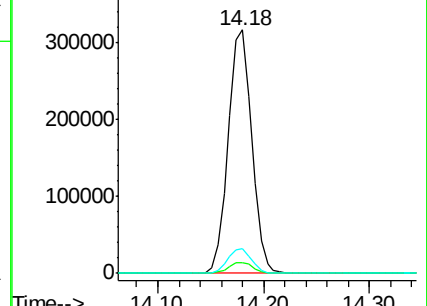
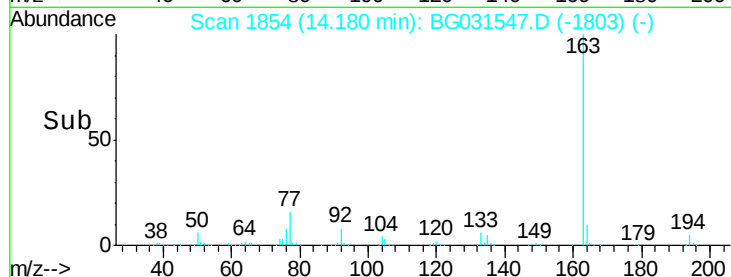
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.669 ng

RT: 14.30 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

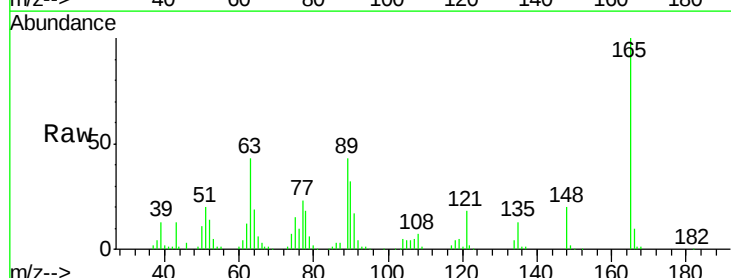
Tgt Ion:165 Resp: 110078

Ion Ratio Lower Upper

165 100

63 42.8 52.7 79.1#

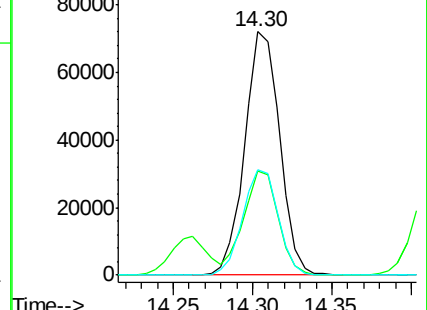
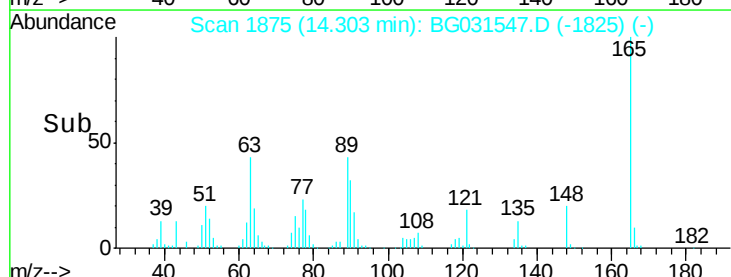
89 43.1 49.2 73.8#

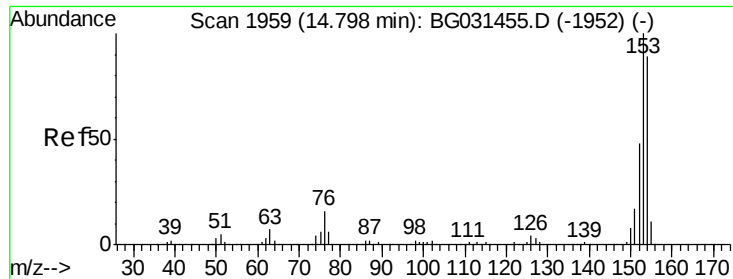


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 37.744 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

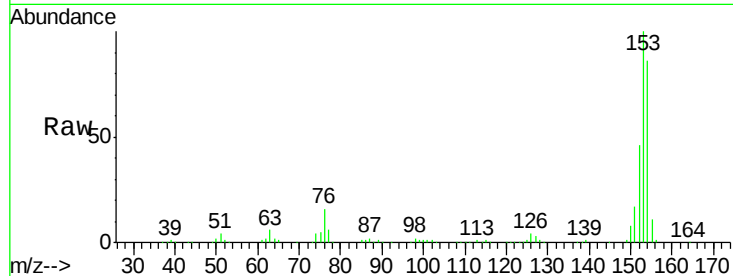
Tot Ion:154 Resp: 314446

Ion Ratio Lower Upper

154 100

153 116.2 90.4 135.6

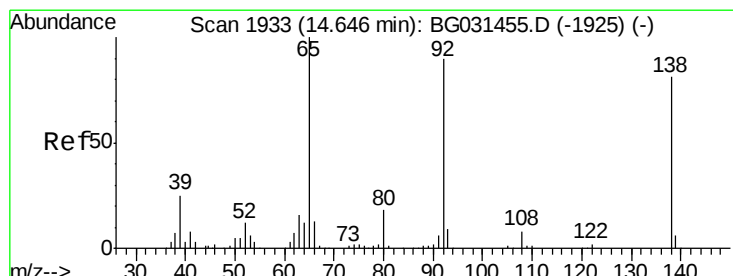
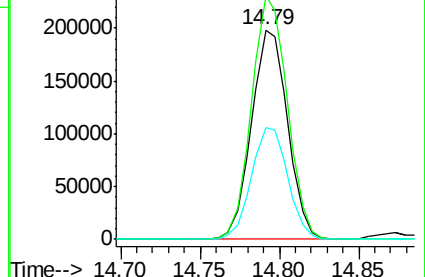
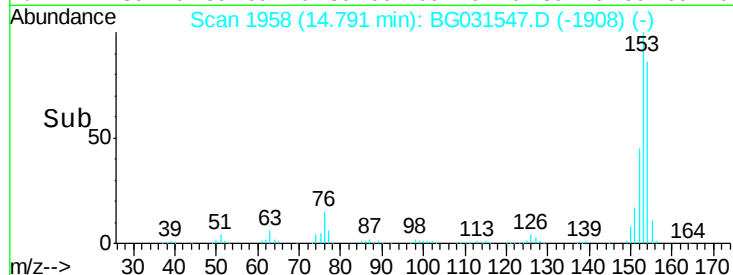
152 53.2 41.6 62.4



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: 19.217 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

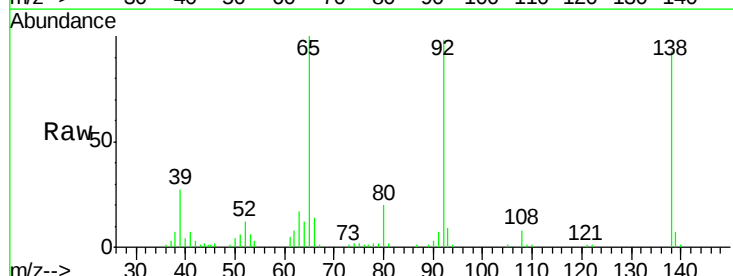
Tgt Ion:138 Resp: 47218

Ion Ratio Lower Upper

138 100

108 9.1 17.5 26.3#

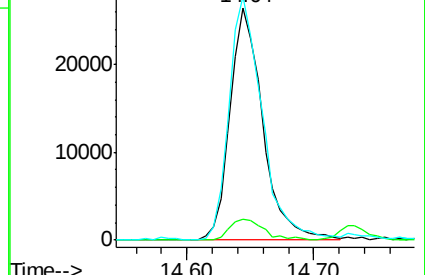
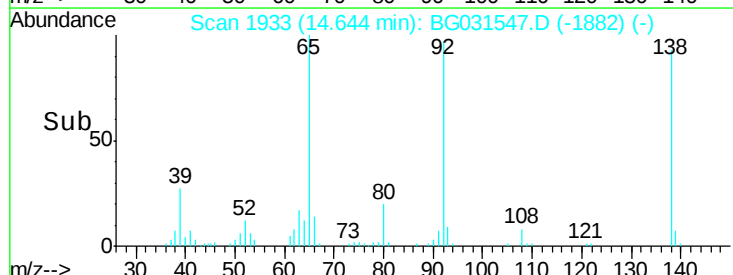
92 104.7 105.8 158.8#

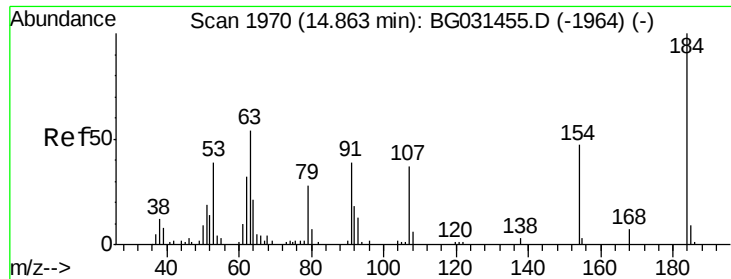


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

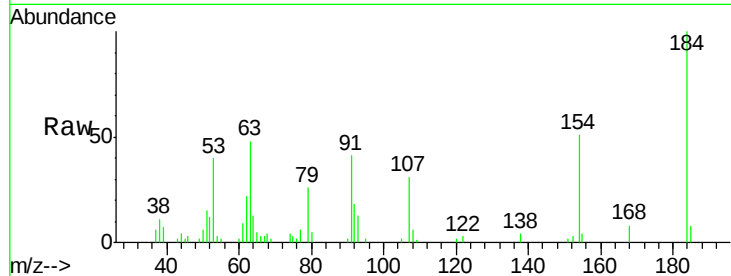




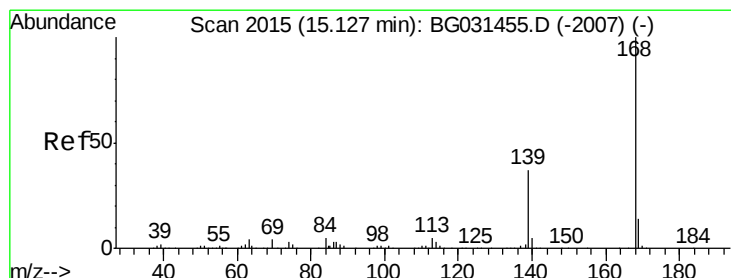
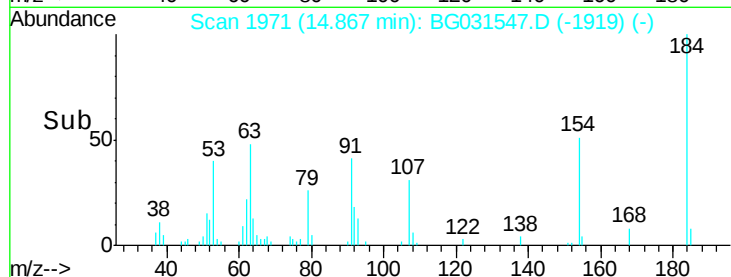
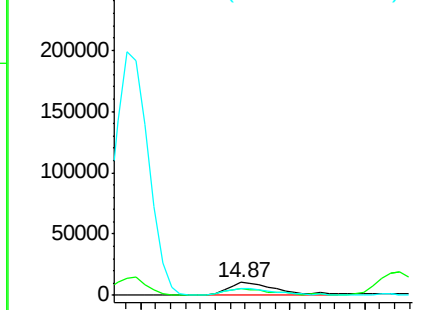
#53
 2,4-Dinitrophenol
 Concen: 30.139 ng
 RT: 14.87 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

Tot Ion:184 Resp: 23918
 Ion Ratio Lower Upper
 184 100
 63 47.8 59.8 89.8#
 154 51.0 101.8 152.8#

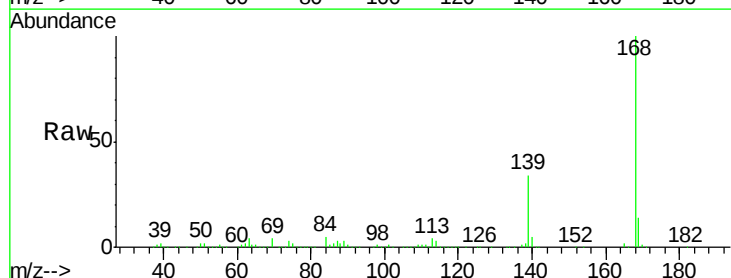


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

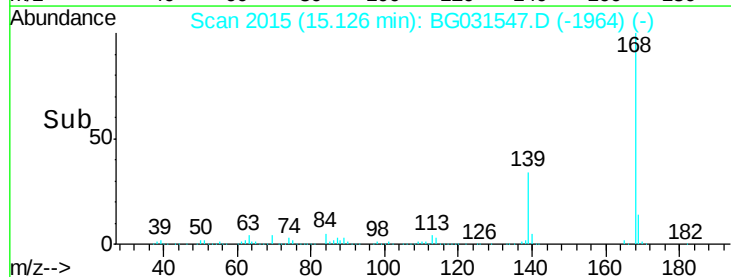
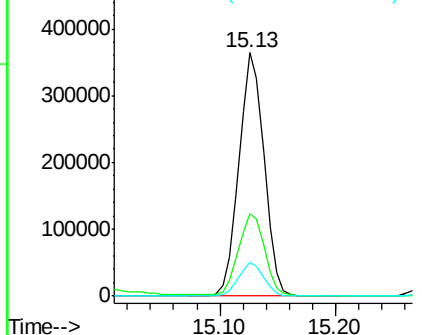


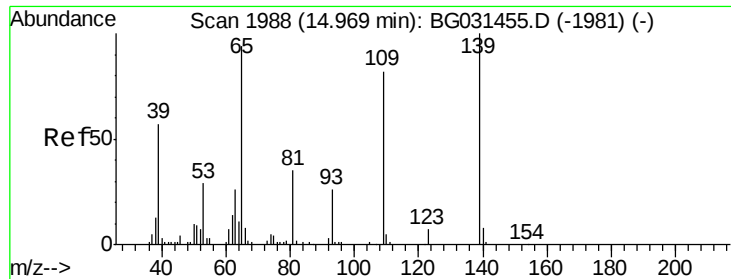
#54
 Dibenzofuran
 Concen: 41.381 ng
 RT: 15.13 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:168 Resp: 550126
 Ion Ratio Lower Upper
 168 100
 139 33.8 28.6 43.0
 169 13.8 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: 93.635 ng

RT: 14.97 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

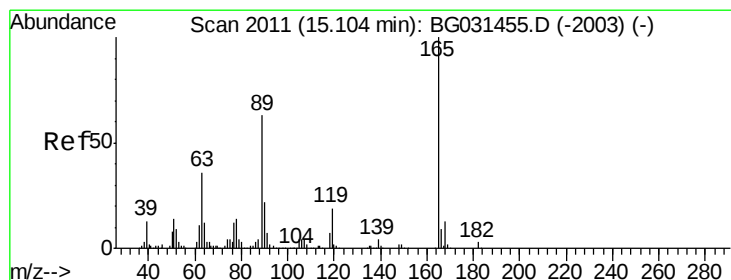
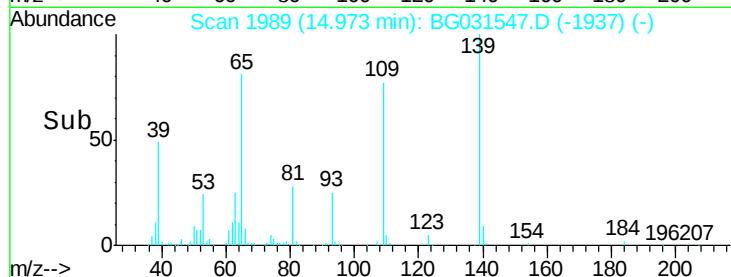
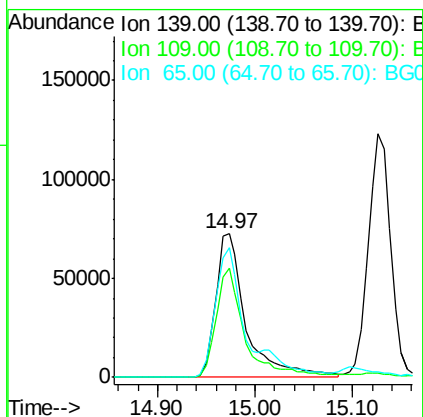
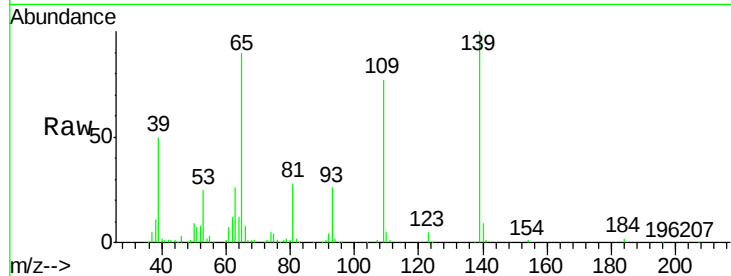
Tot Ion:139 Resp: 156505

Ion Ratio Lower Upper

139 100

109 76.6 62.2 102.2

65 90.3 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 49.198 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Tgt Ion:165 Resp: 168429

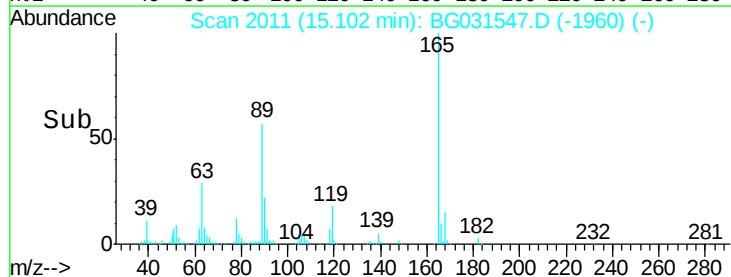
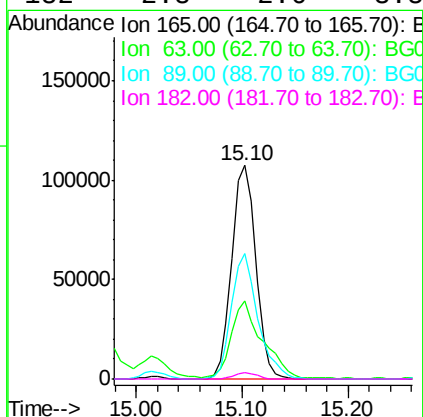
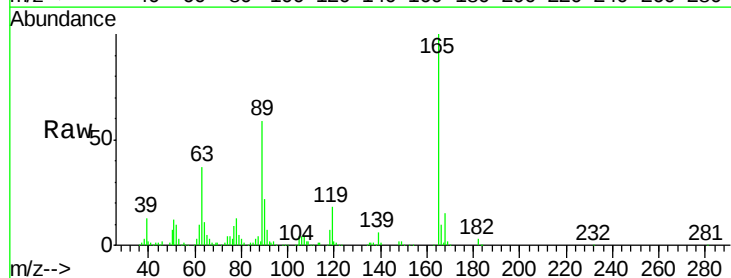
Ion Ratio Lower Upper

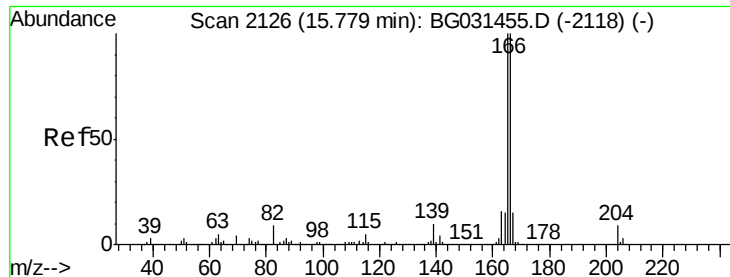
165 100

63 36.8 42.0 63.0#

89 58.6 66.9 100.3#

182 2.8 2.6 3.8

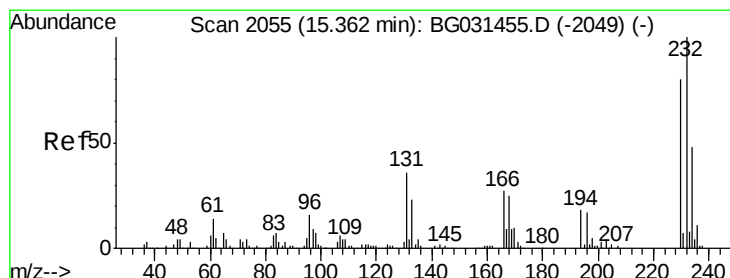
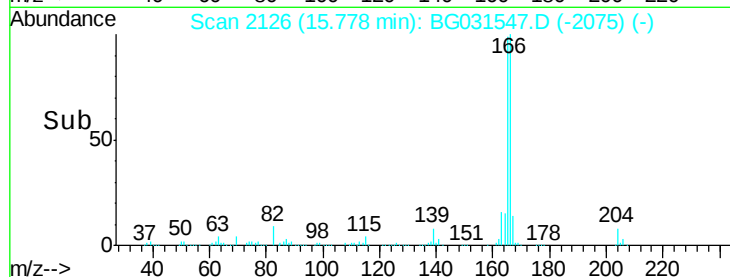
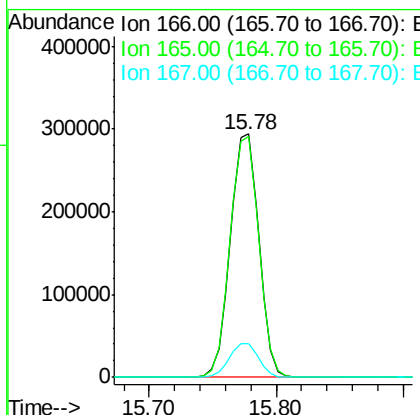
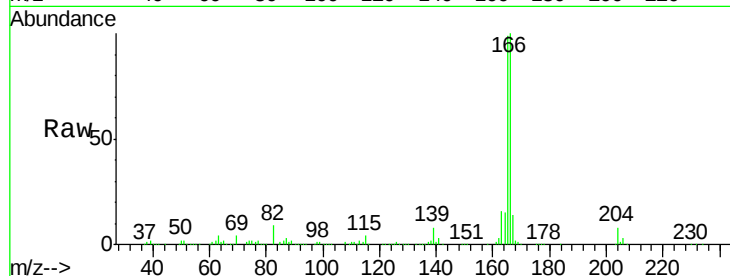




#57
 Fluorene
 Concen: 42.723 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

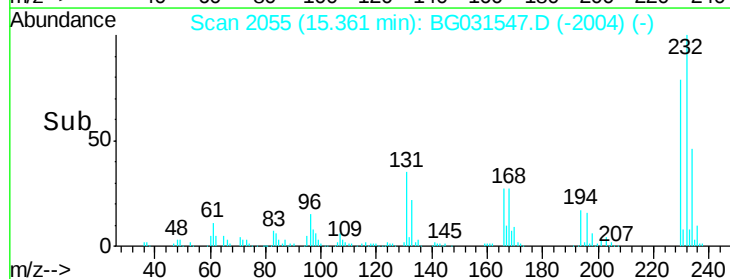
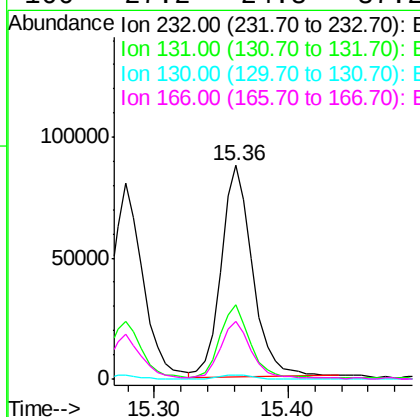
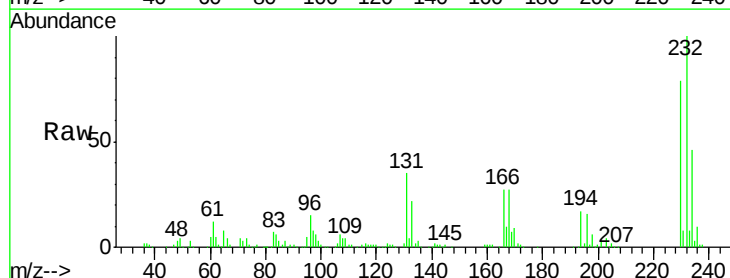
Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

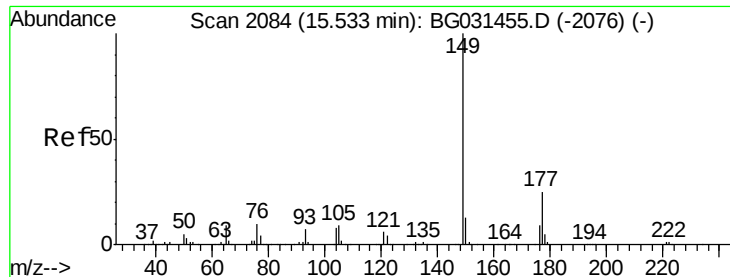
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.6	121.0
167	13.7	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.144 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.5	33.5	50.3
130	2.0	2.2	3.2#
166	27.2	24.8	37.2

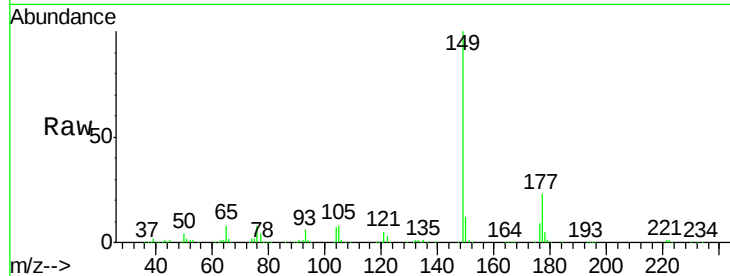




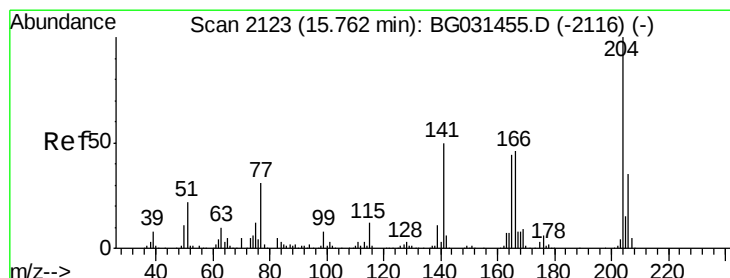
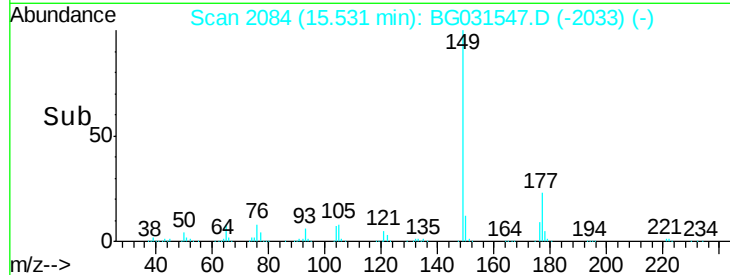
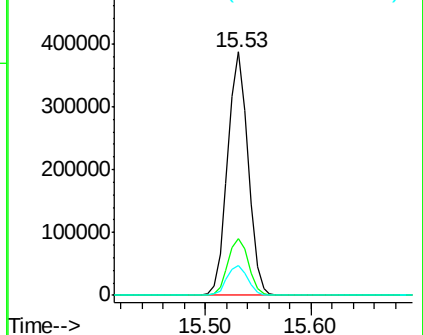
#59
Diethylphthalate
Concen: 45.642 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :
PB104979BSD

Tot Ion:149 Resp: 515912
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.1 10.2 15.2

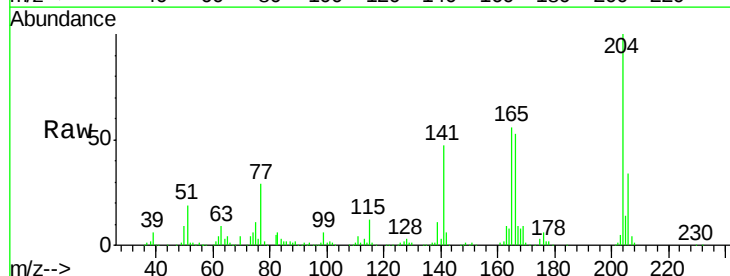


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

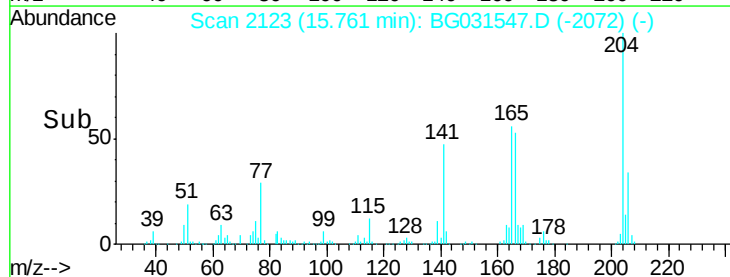
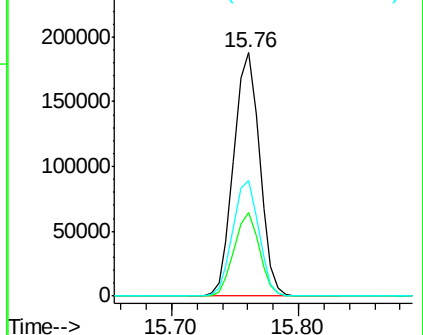


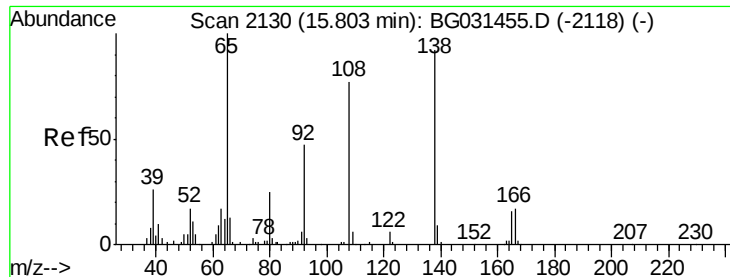
#60
4-Chlorophenyl-phenylether
Concen: 40.788 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:204 Resp: 265816
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.2
141 47.3 45.8 68.6



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

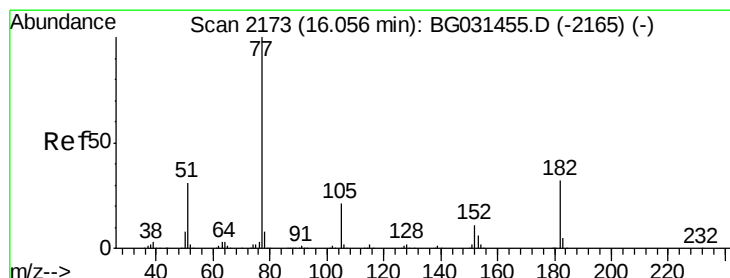
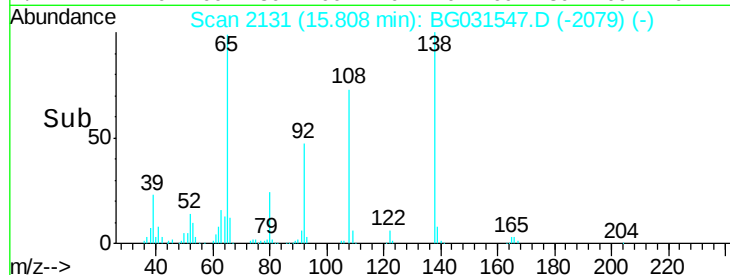
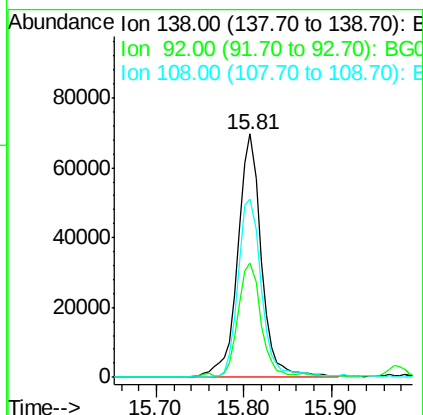
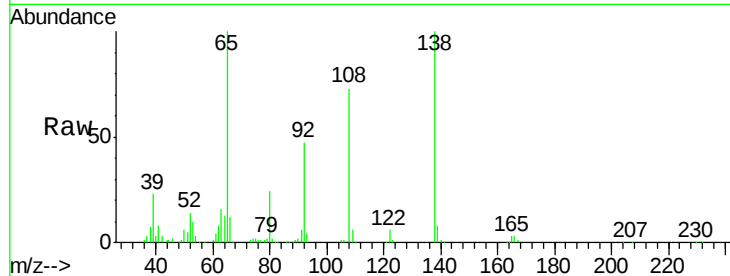




#61
4-Nitroaniline
Concen: 49.086 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

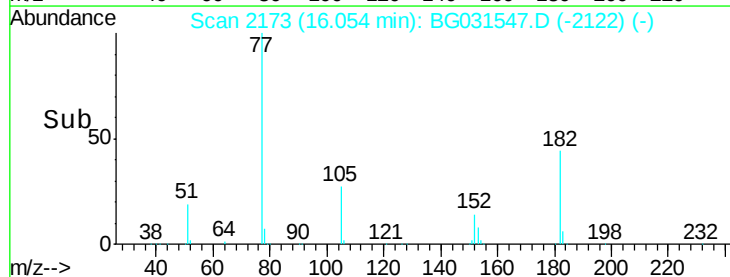
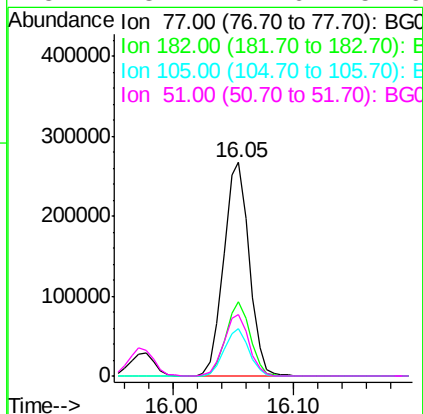
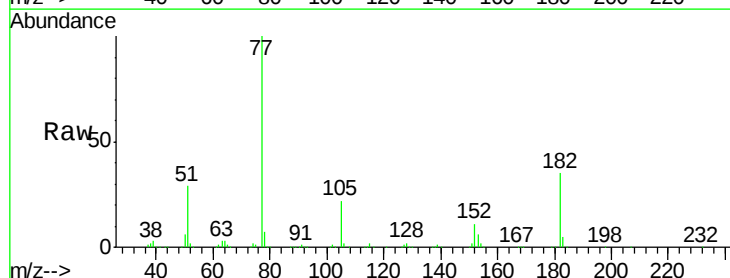
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

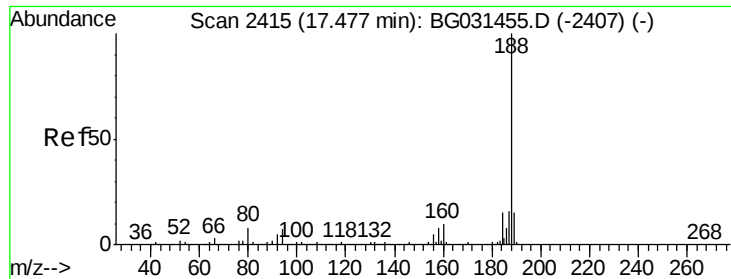
Tot Ion:138 Resp: 126568
Ion Ratio Lower Upper
138 100
92 46.7 40.1 80.1
108 73.0 65.4 105.4



#62
Azobenzene
Concen: 41.474 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 77 Resp: 388344
Ion Ratio Lower Upper
77 100
182 35.0 7.4 47.4
105 21.9 0.3 40.3
51 28.7 11.6 51.6

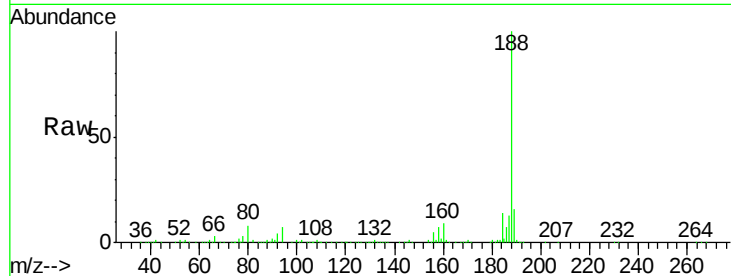




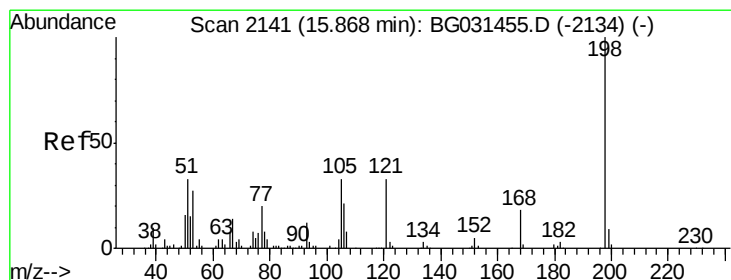
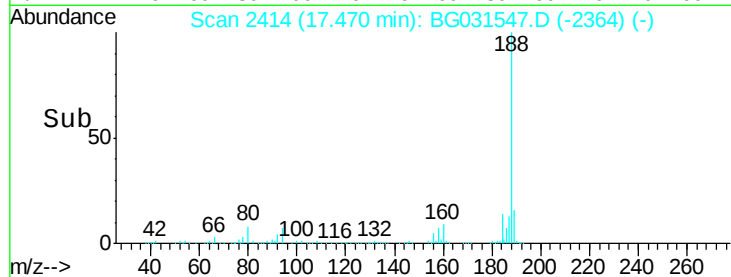
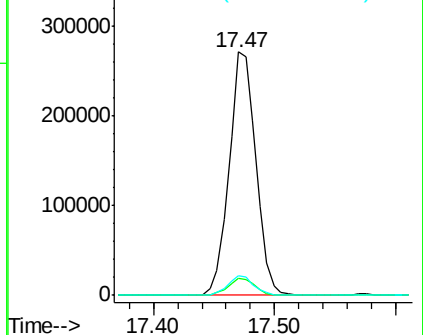
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :
PB104979BSD

Tot Ion:188 Resp: 417300
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.9 7.7 11.5

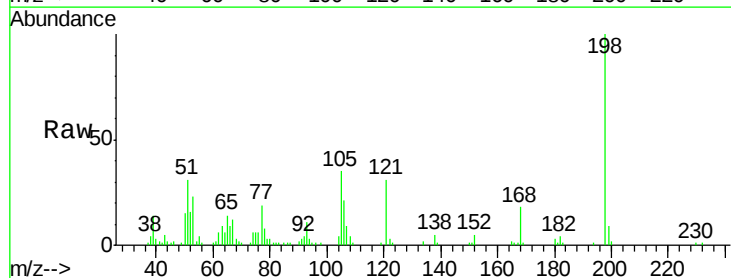


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

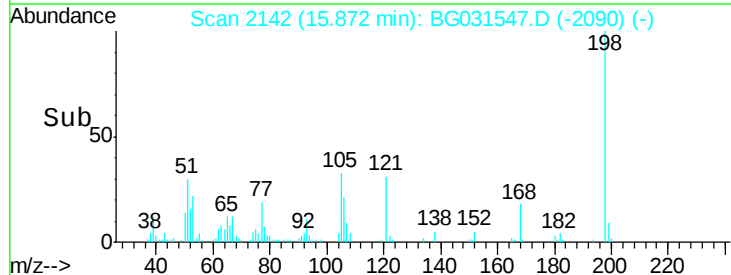
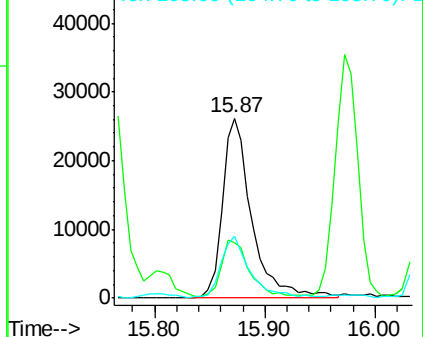


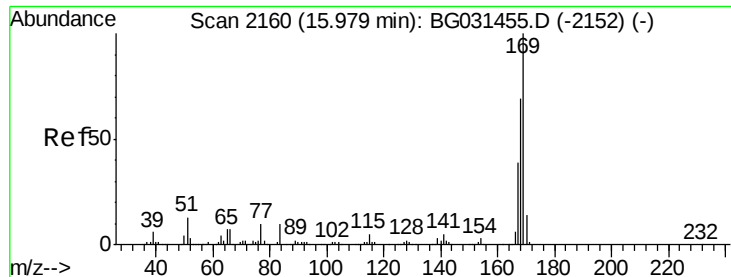
#64
4,6-Dinitro-2-methylphenol
Concen: 22.133 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:198 Resp: 48462
Ion Ratio Lower Upper
198 100
51 30.8 30.6 70.6
105 34.6 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.377 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

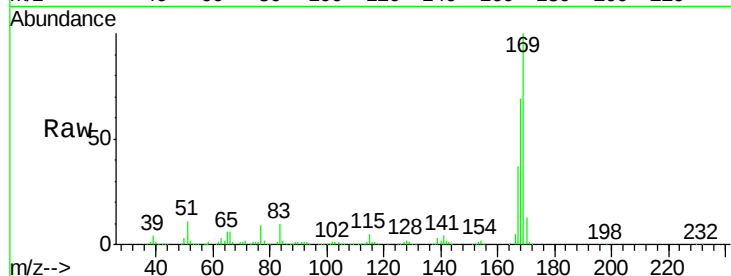
BNA_G

ClientSampleId :

PB104979BSD

Tot Ion:169 Resp: 444330

Ion	Ratio	Lower	Upper
169	100		
168	68.8	55.7	83.5
167	37.4	30.1	45.1

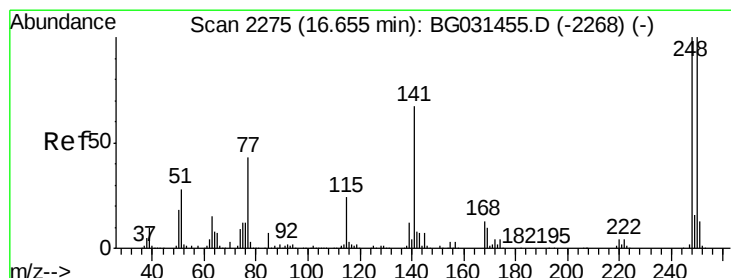
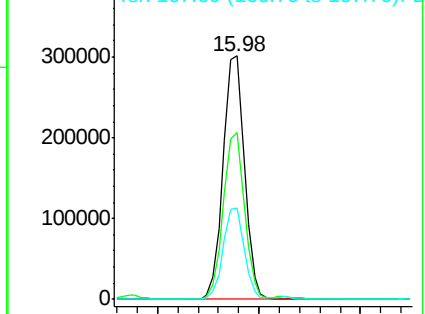
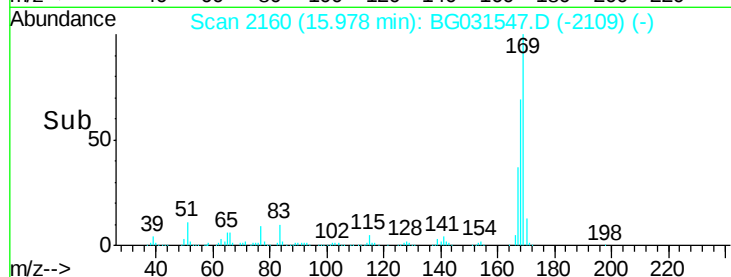


Abundance

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: 37.678 ng

RT: 16.65 min Scan# 2275

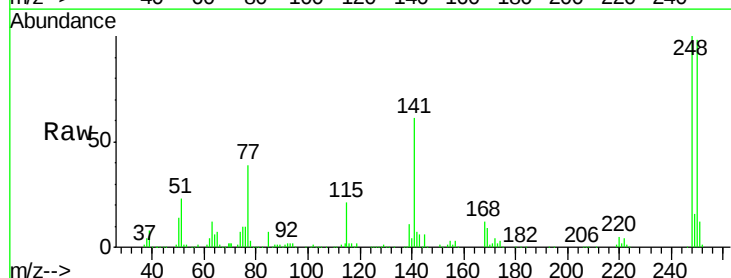
Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Tgt Ion:248 Resp: 182833

Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.1	115.7
141	60.7	50.8	76.2

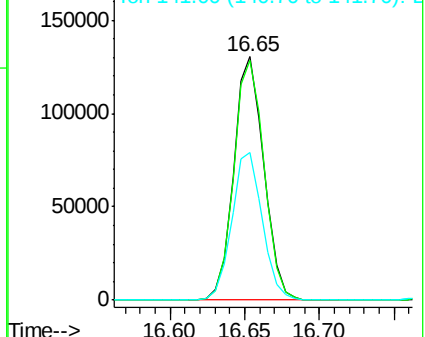
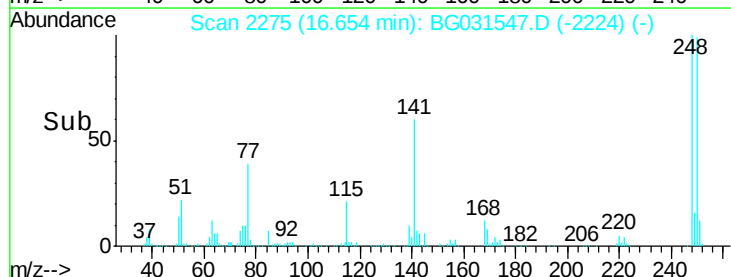


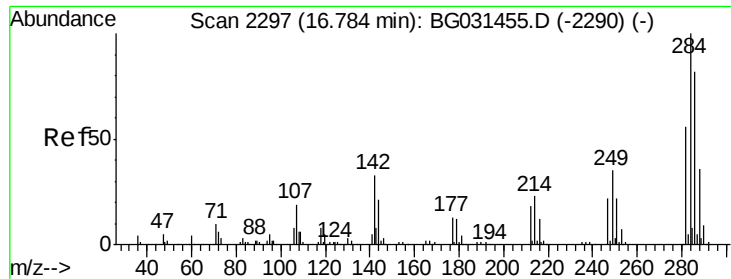
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.756 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

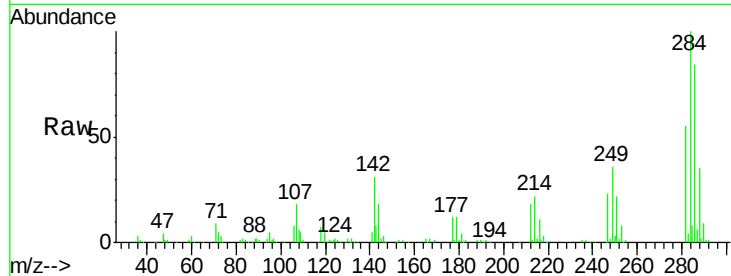
Tot Ion:284 Resp: 189189

Ion Ratio Lower Upper

284 100

142 30.9 26.8 40.2

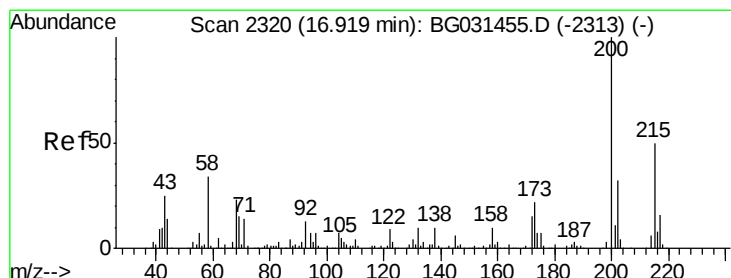
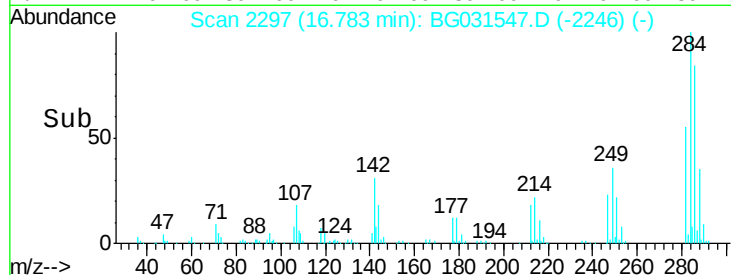
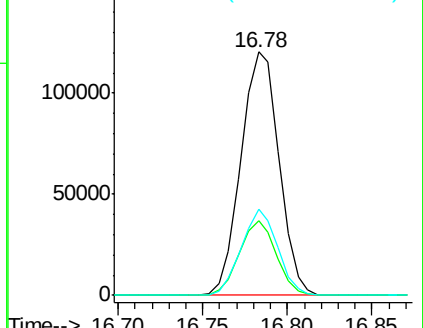
249 35.6 26.3 39.5



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: 47.408 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

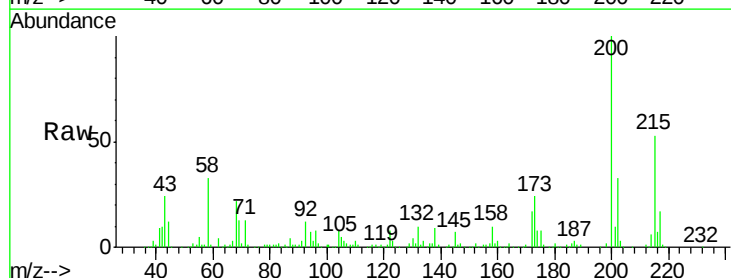
Tgt Ion:200 Resp: 211734

Ion Ratio Lower Upper

200 100

173 24.3 5.2 45.2

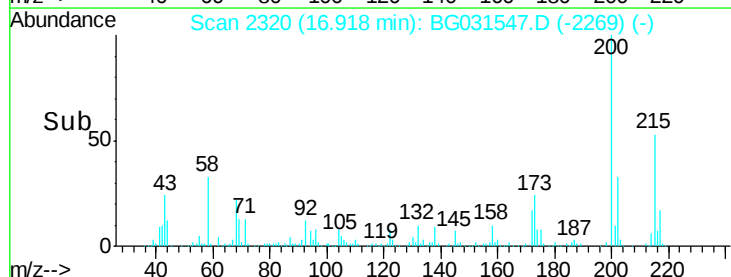
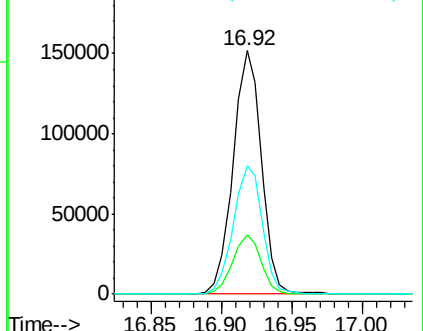
215 52.6 30.4 70.4

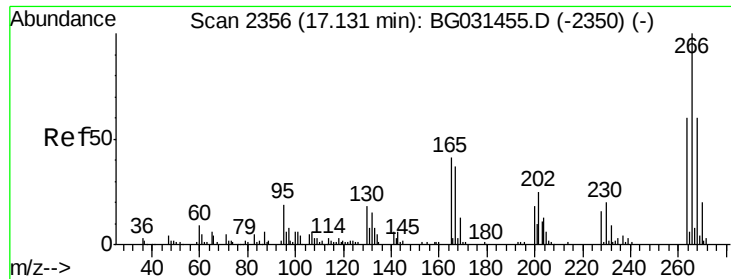


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 61.049 ng

RT: 17.13 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

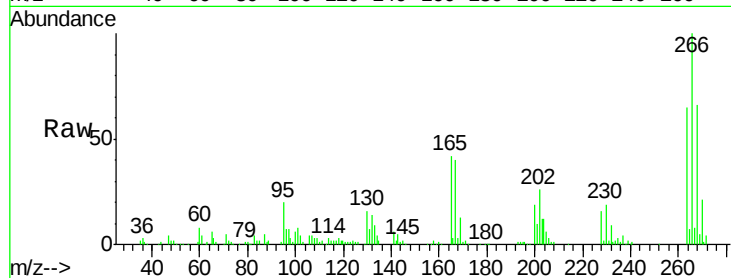
Tot Ion:266 Resp: 143567

Ion Ratio Lower Upper

266 100

268 65.6 51.1 76.7

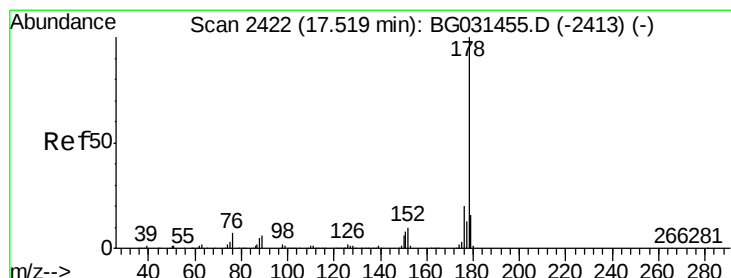
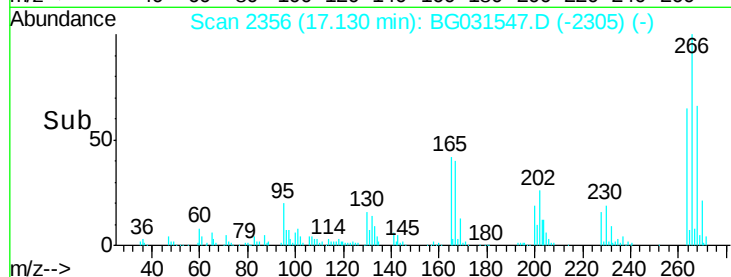
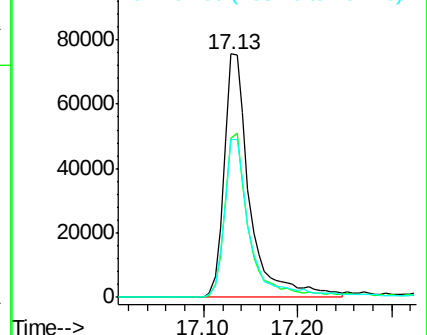
264 64.8 49.6 74.4



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: 39.631 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

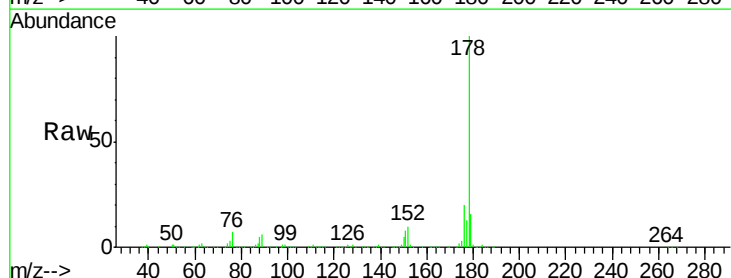
Tgt Ion:178 Resp: 863722

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

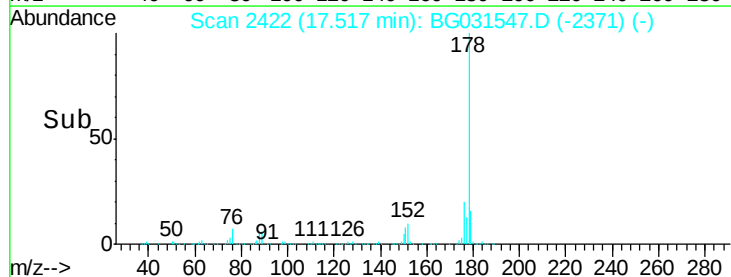
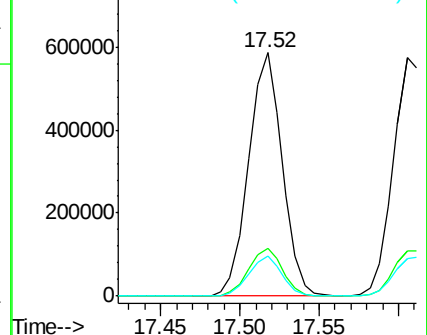
179 16.4 12.5 18.7

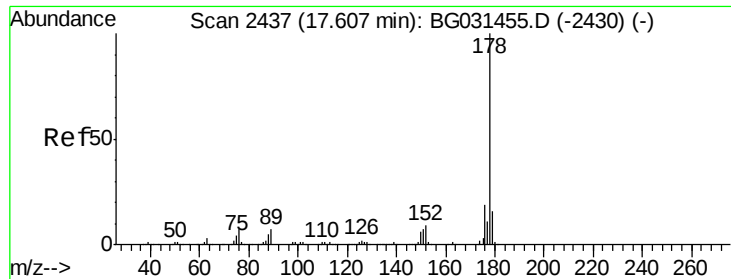


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

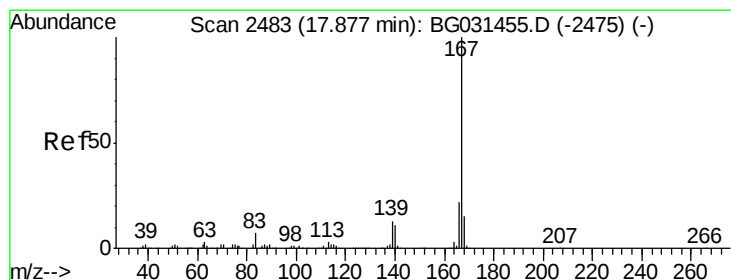
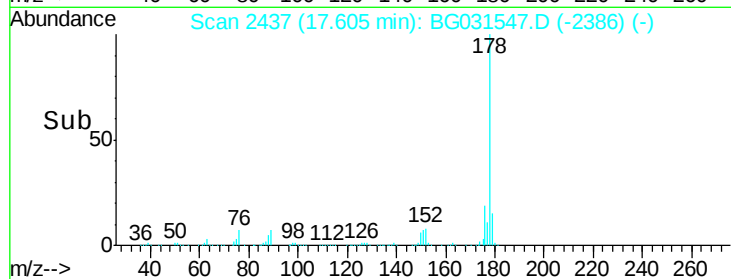
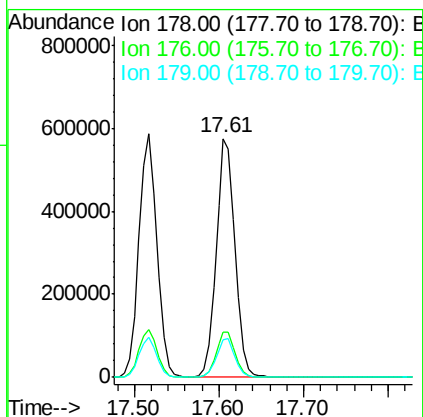
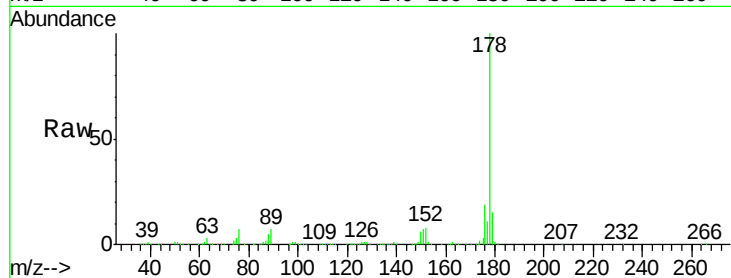




#71
 Anthracene
 Concen: 41.563 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

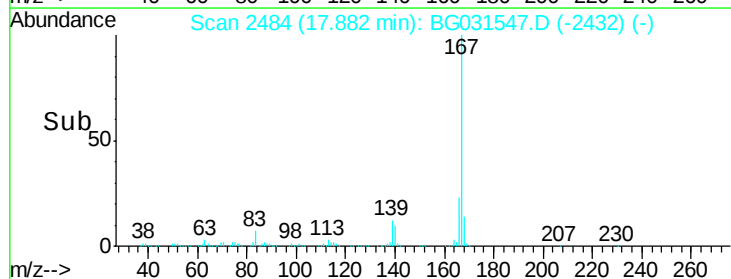
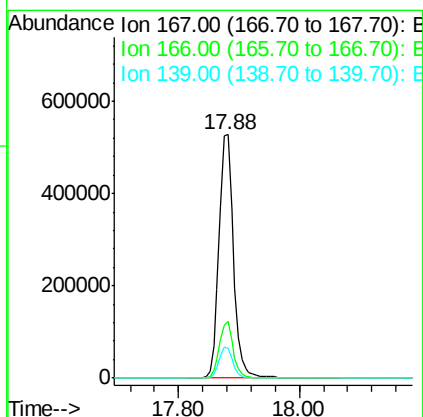
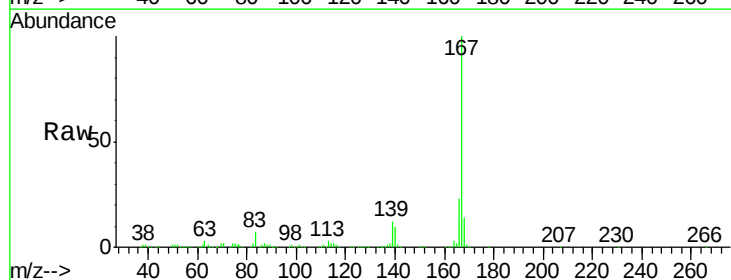
Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

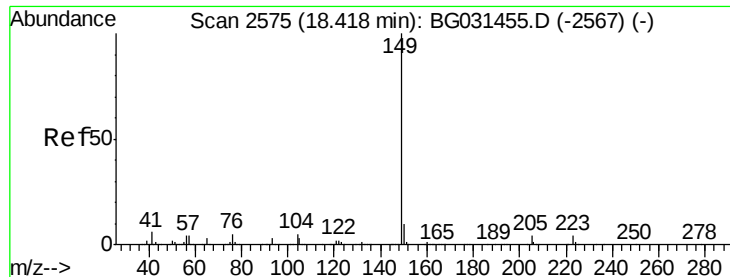
Tot Ion:178 Resp: 895871
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 44.685 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:167 Resp: 871624
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.0 9.4 14.2

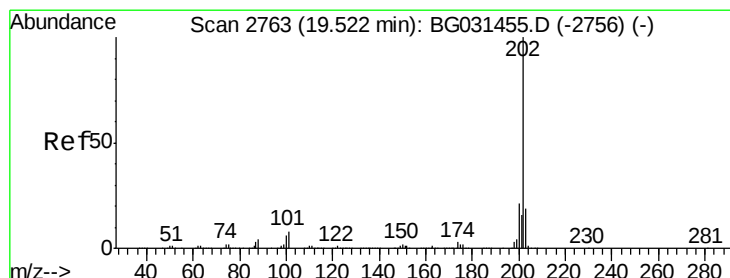
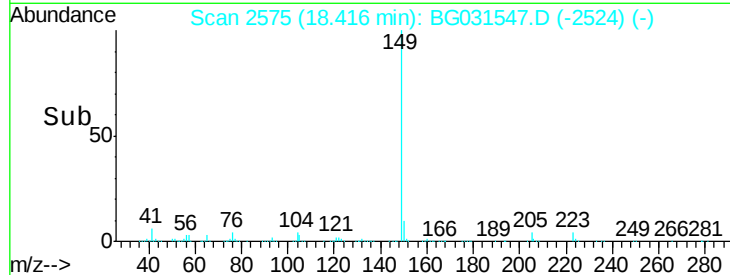
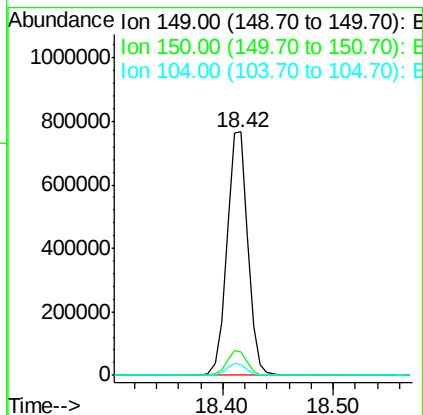
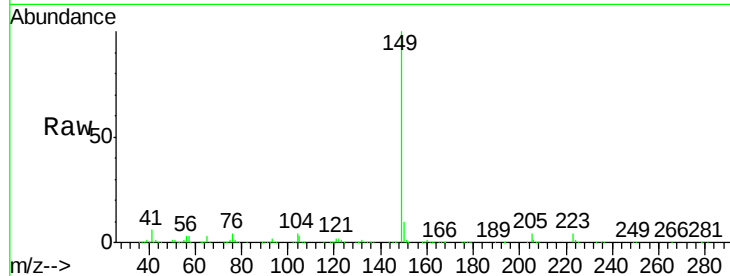




#73
Di-n-butylphthalate
Concen: 44.863 ng
RT: 18.42 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

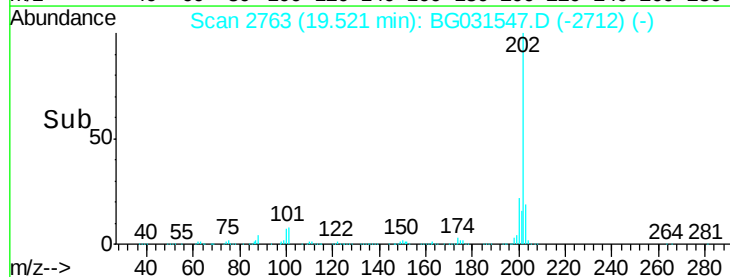
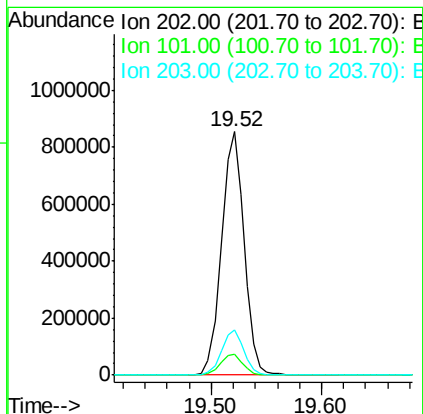
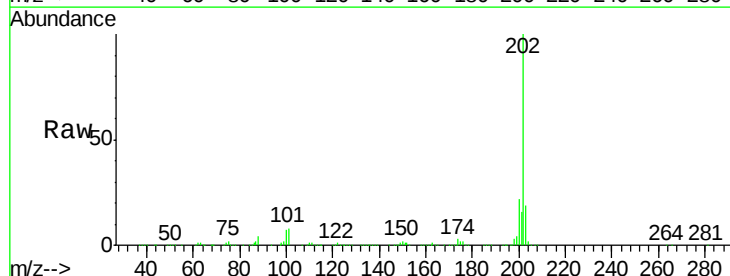
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

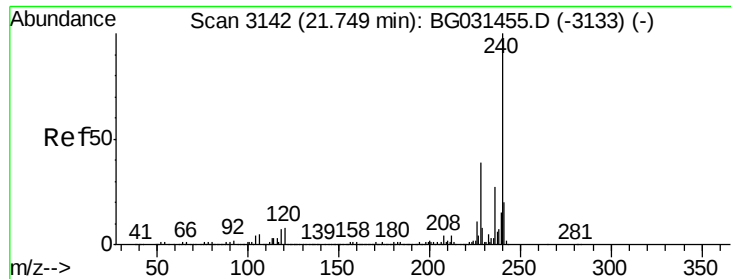
Tot Ion:149 Resp: 1010555
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.5 3.9 5.9



#74
Fluoranthene
Concen: 44.696 ng
RT: 19.52 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:202 Resp: 1219054
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.9
203 18.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

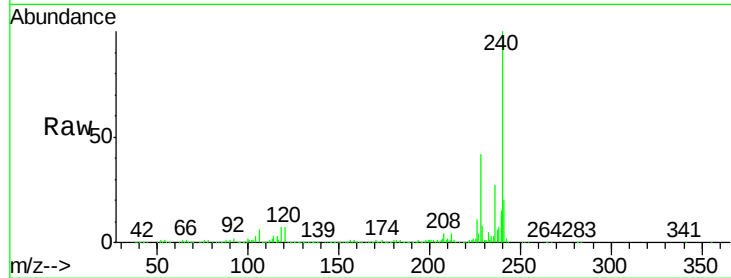
Tot Ion:240 Resp: 498729

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

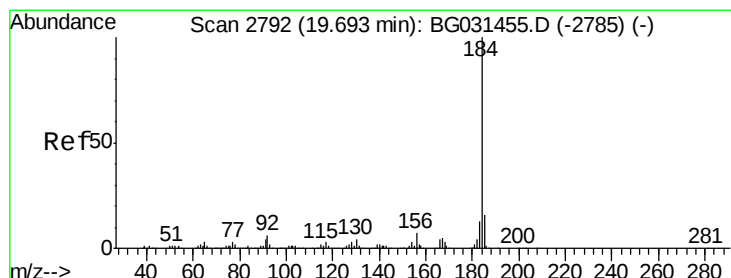
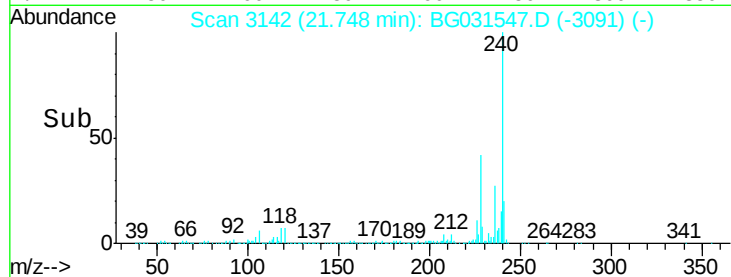
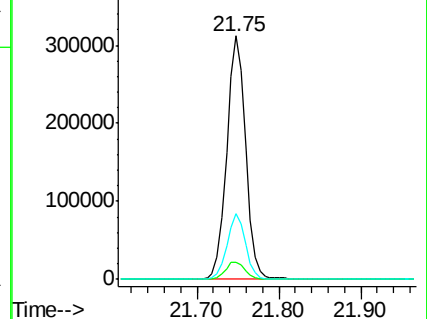
236 26.8 20.9 31.3



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: 40.335 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

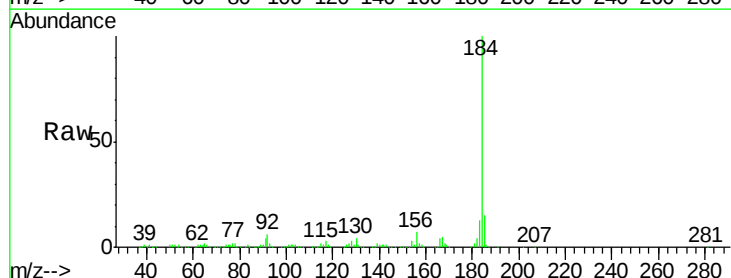
Tgt Ion:184 Resp: 468147

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

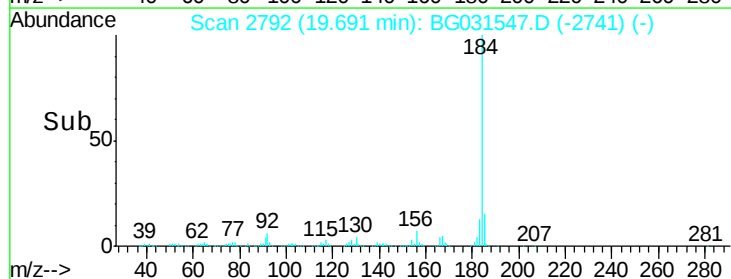
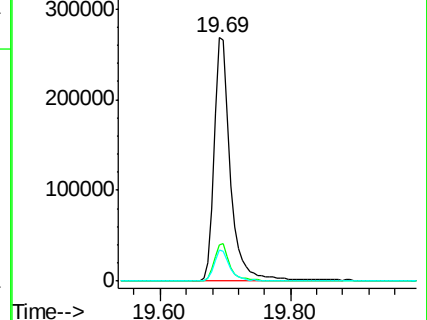
183 12.6 10.6 16.0

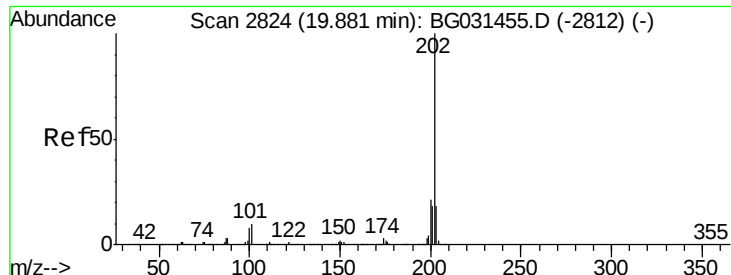


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.589 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

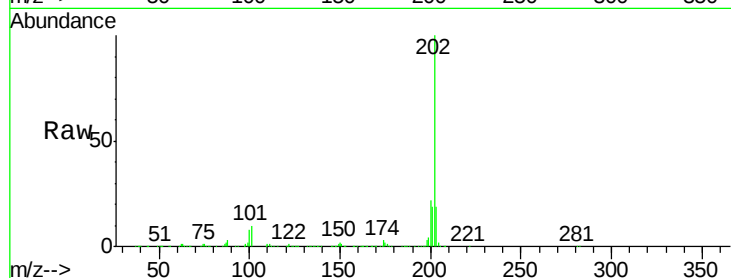
Tot Ion:202 Resp: 1257812

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

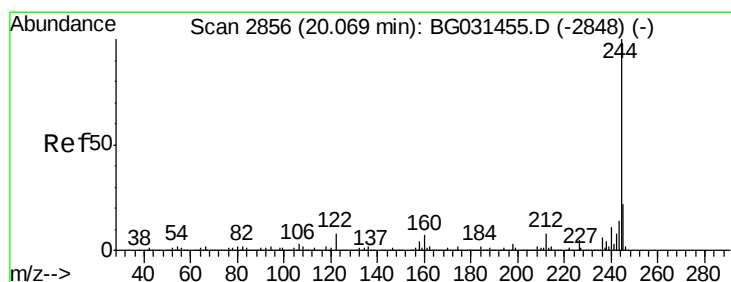
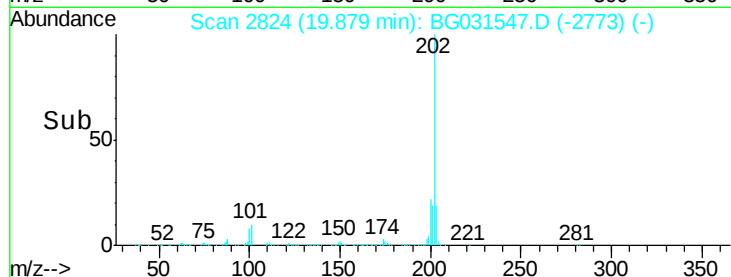
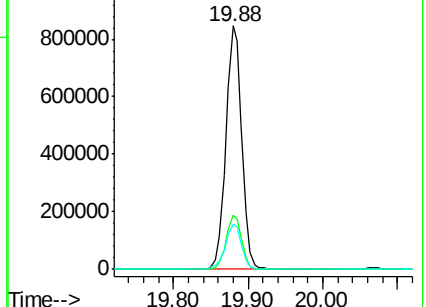
203 18.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.495 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

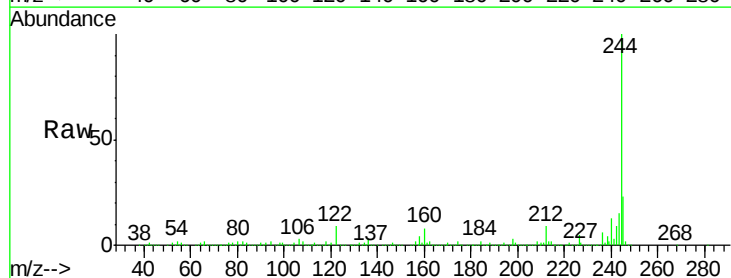
Tgt Ion:244 Resp: 1939853

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

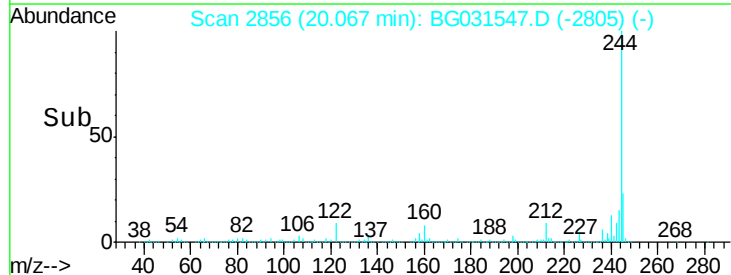
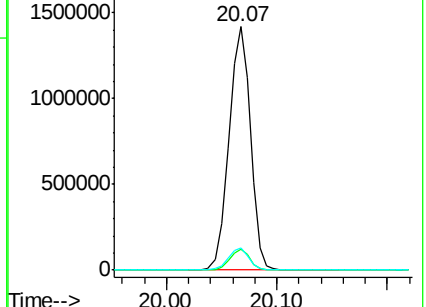
122 8.9 7.0 10.4

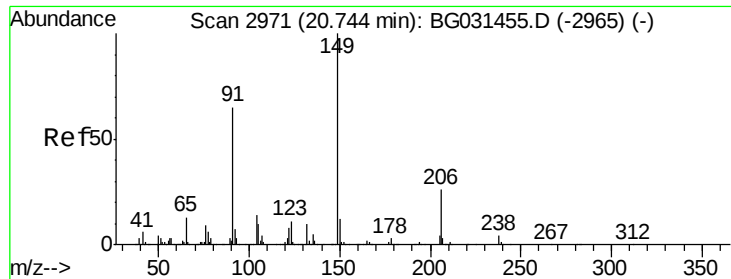


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

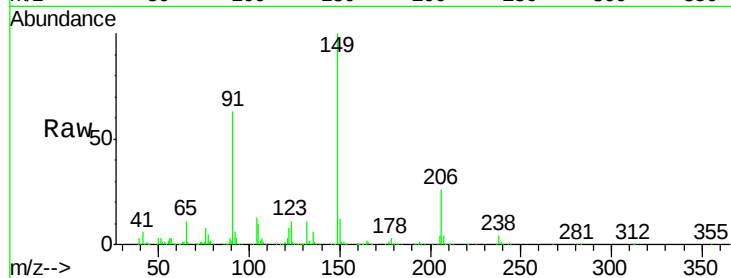




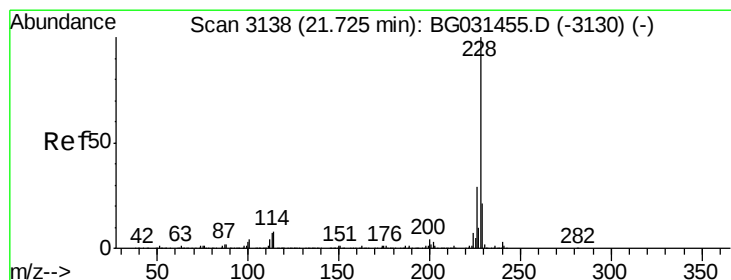
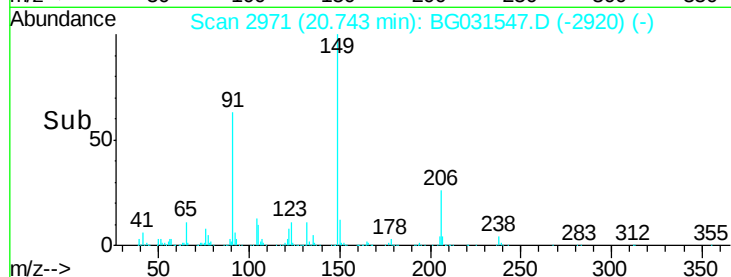
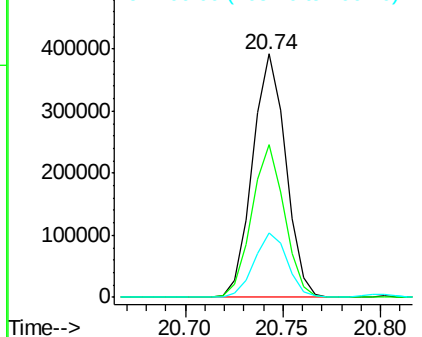
#79
Butylbenzylphthalate
Concen: 42.574 ng
RT: 20.74 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :
PB104979BSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	62.8	62.2	93.2	
206	26.5	18.6	27.8	

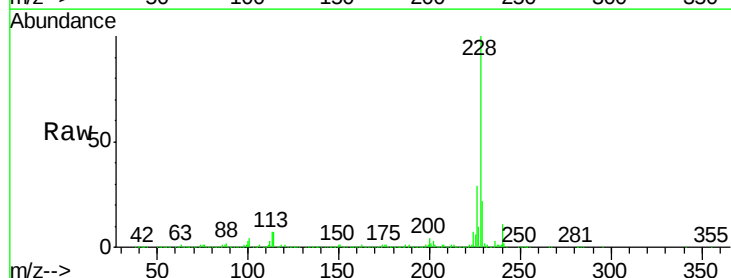


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

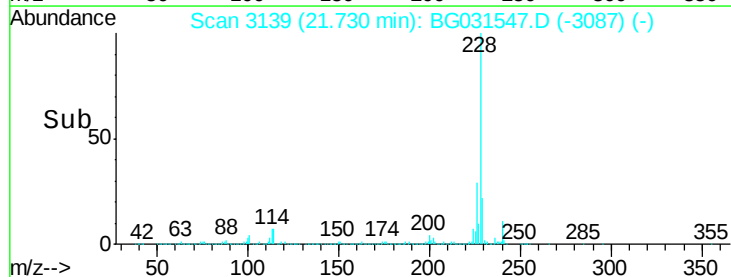
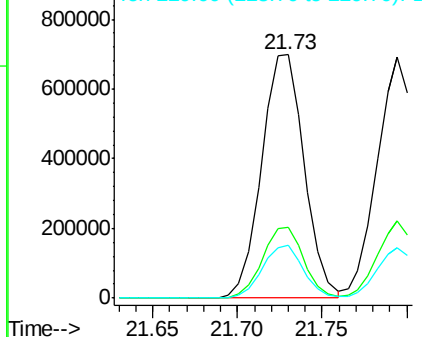


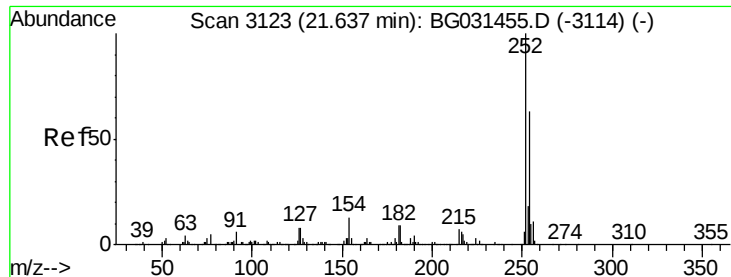
#80
Benzo(a)anthracene
Concen: 40.648 ng
RT: 21.73 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.0	22.7	34.1	
229	21.8	16.2	24.2	



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

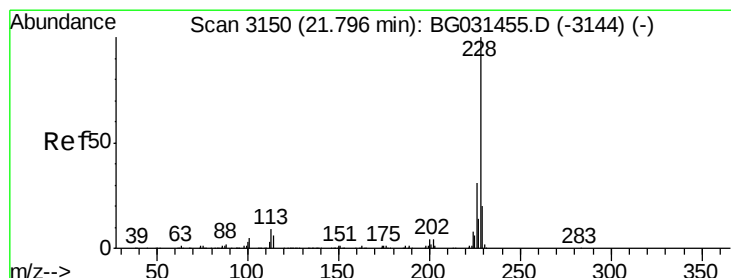
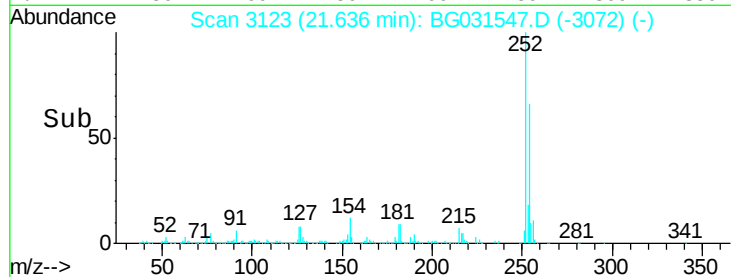
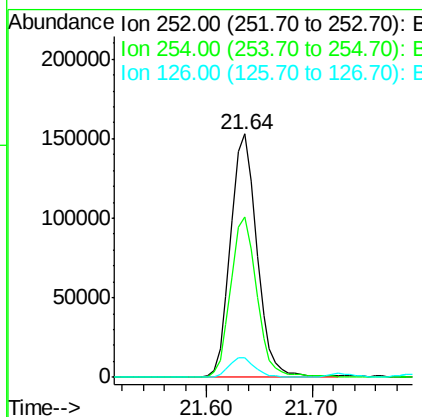
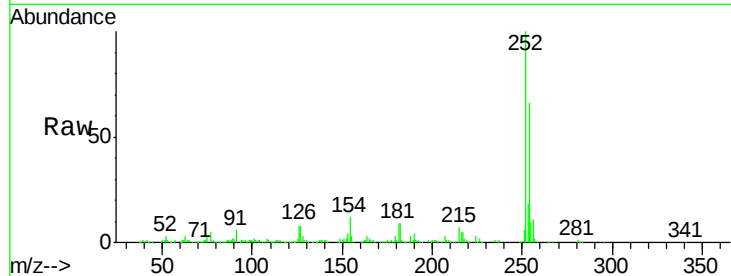




#81
 3,3'-Dichlorobenzidine
 Concen: 25.281 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

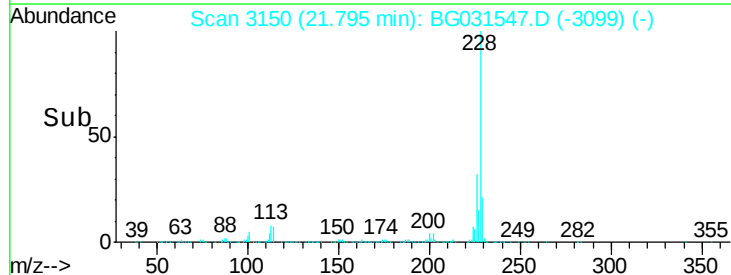
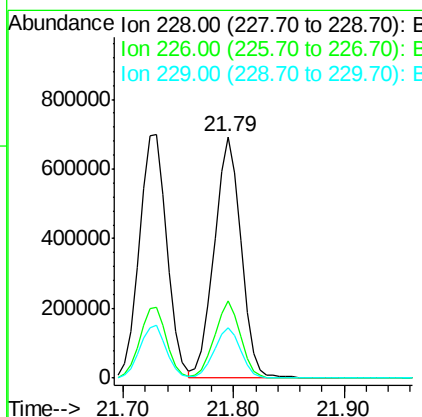
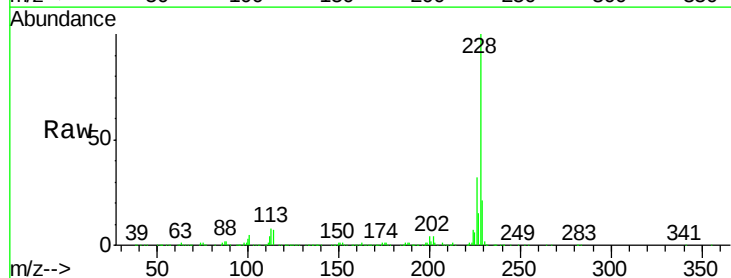
Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

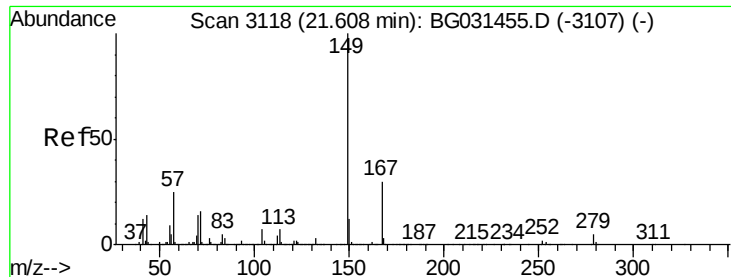
Tot Ion:252 Resp: 264866
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.8 76.2
 126 8.3 7.4 11.2



#82
 Chrysene
 Concen: 40.240 ng
 RT: 21.79 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:228 Resp: 1161261
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.9 15.0 22.4

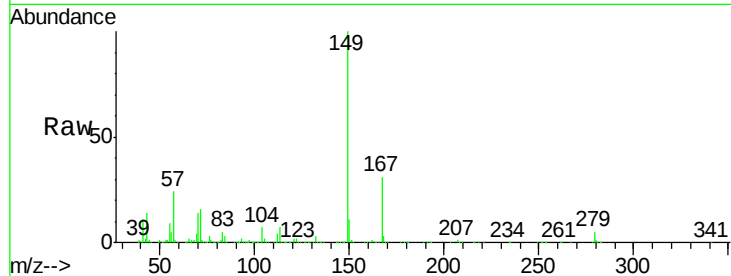




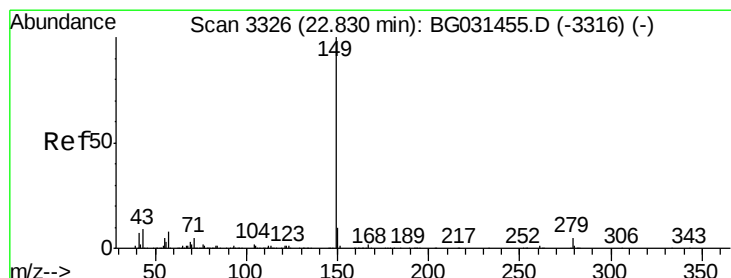
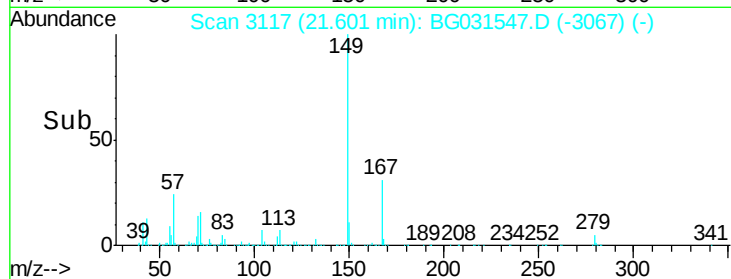
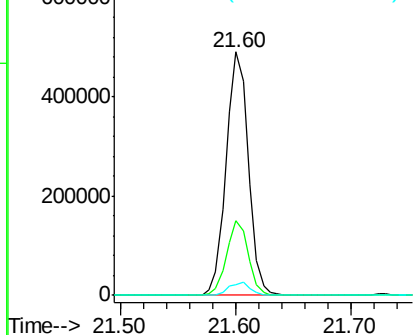
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.633 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	4.6	4.0	6.0

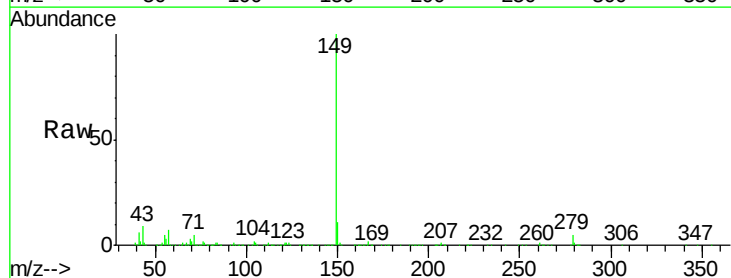


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

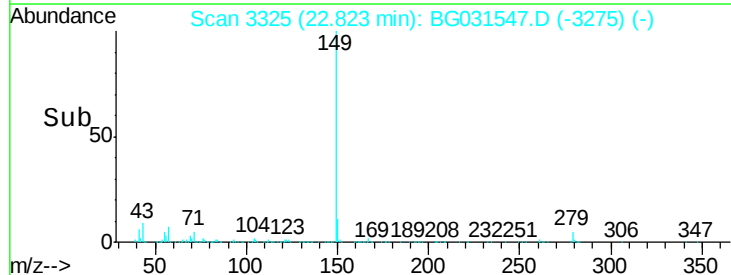
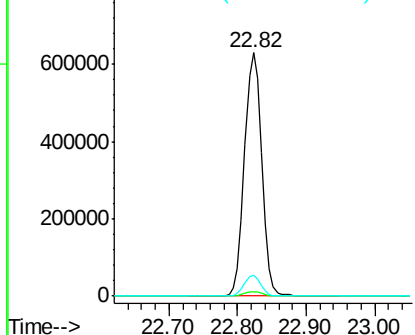


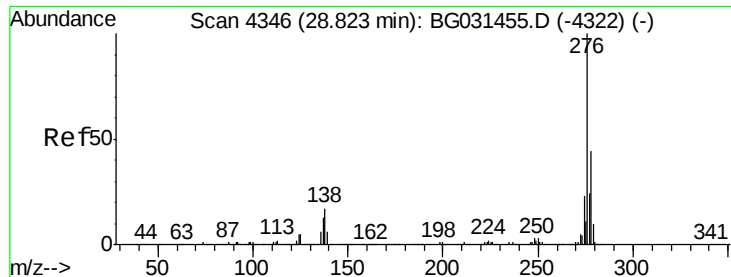
#84
 Di-n-octyl phthalate
 Concen: 43.013 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.2	8.9	13.3#



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

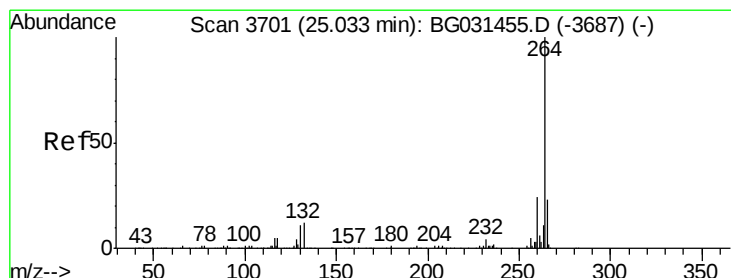
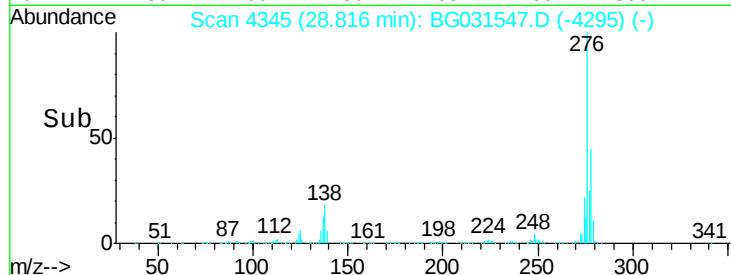
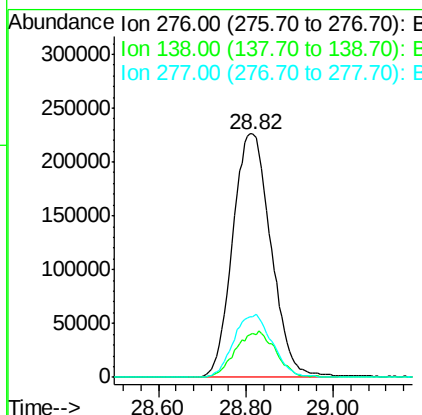
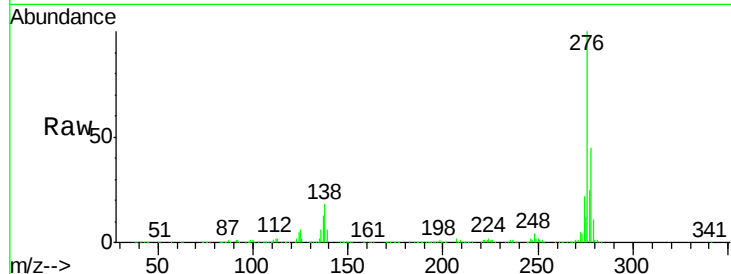




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.549 ng
 RT: 28.82 min Scan# 4345
 Delta R.T. -0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

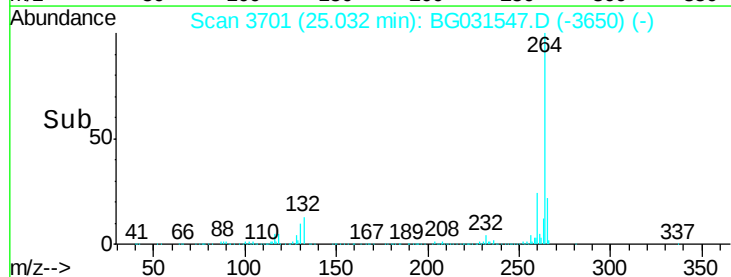
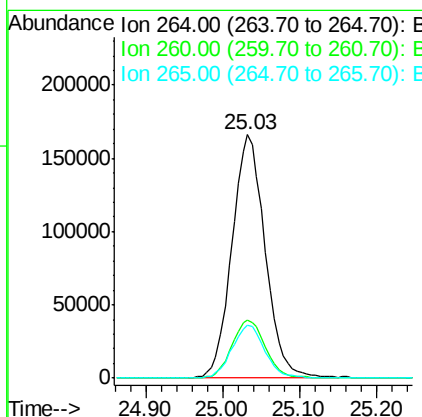
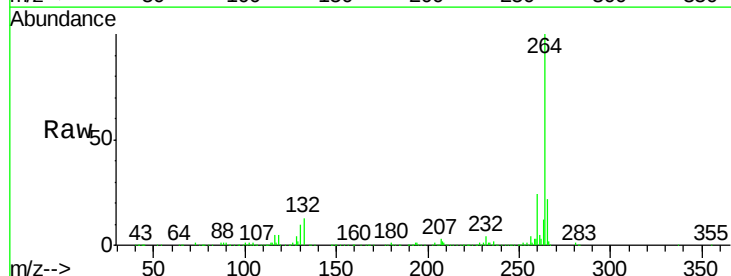
Instrument :
 BNA_G
 ClientSampleId :
 PB104979BSD

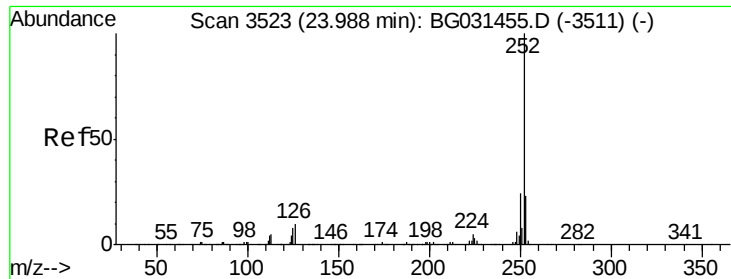
Tot Ion:276 Resp: 1343107
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.0 24.0
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:264 Resp: 499562
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 21.8 17.7 26.5

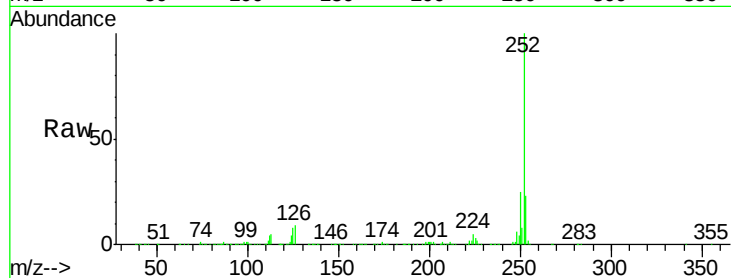




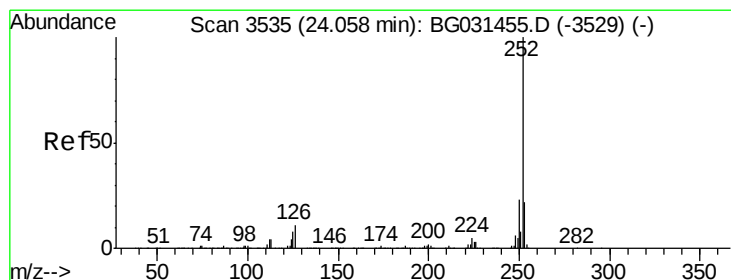
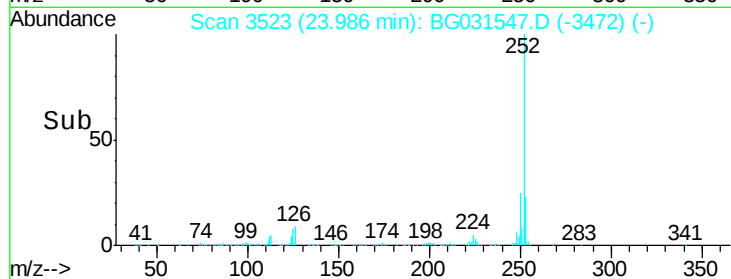
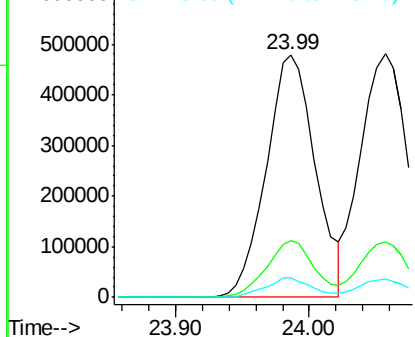
#87
Benzo(b)fluoranthene
Concen: 40.951 ng
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :
PB104979BSD

Tot Ion:252 Resp: 1223057
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.4
125 7.9 7.2 10.8

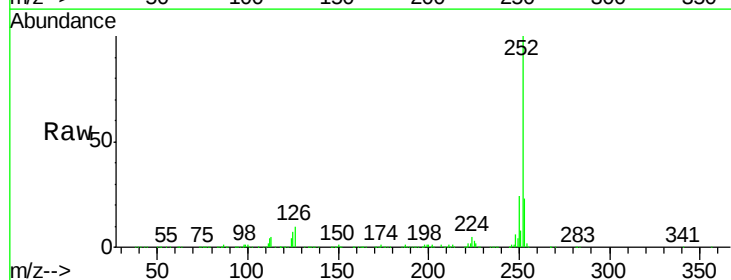


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

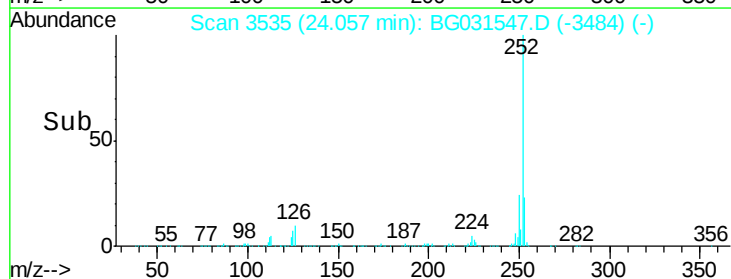
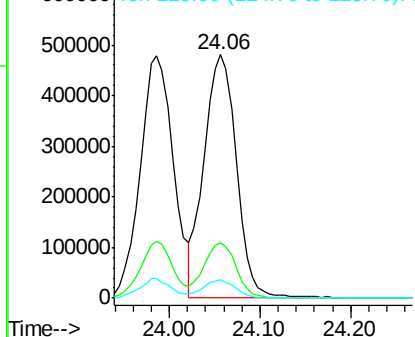


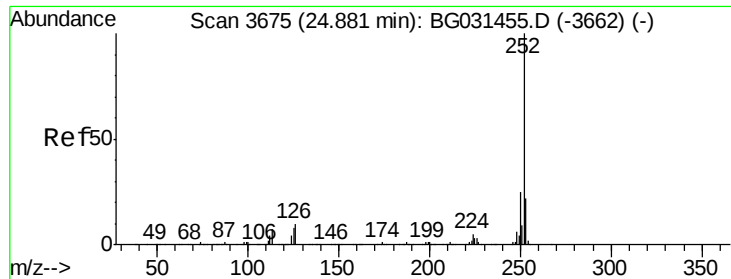
#88
Benzo(k)fluoranthene
Concen: 39.034 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:252 Resp: 1189710
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 7.4 6.6 9.8



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

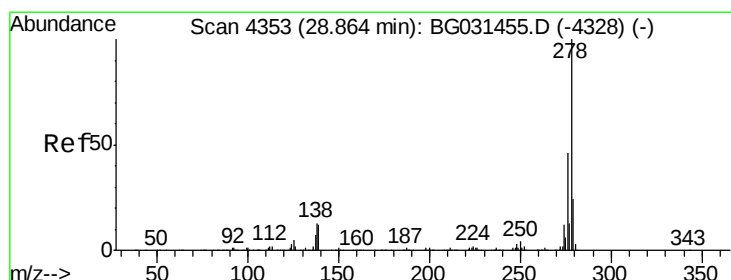
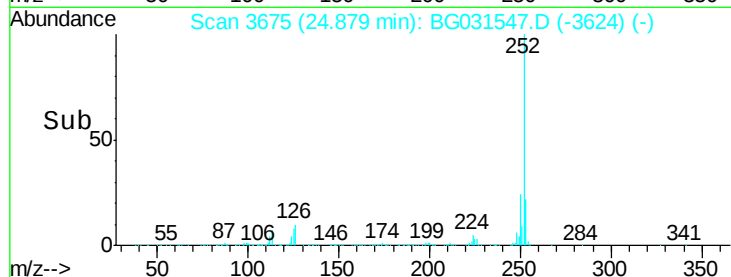
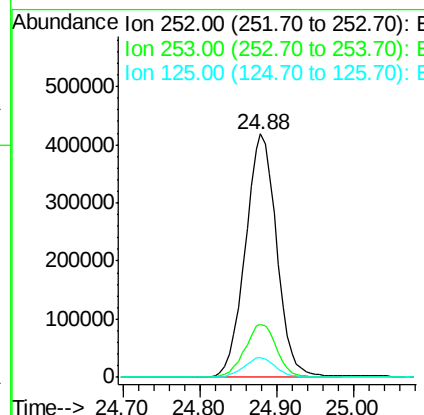
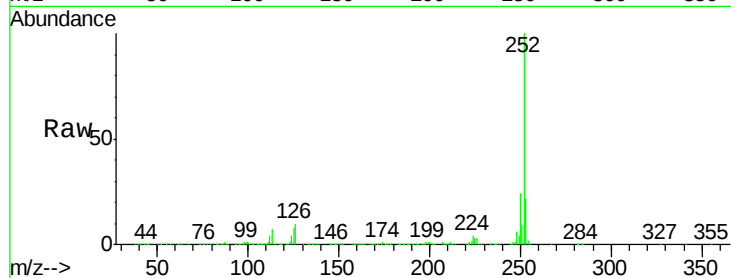




#89
Benzo(a)pyrene
Concen: 41.968 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

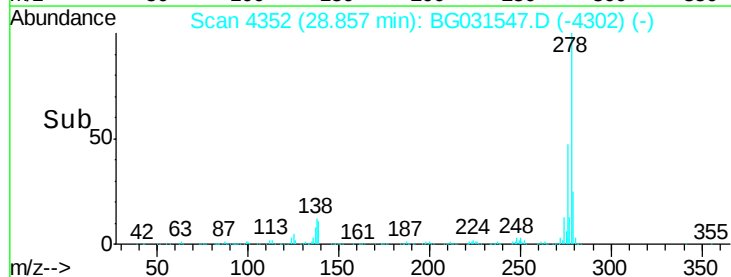
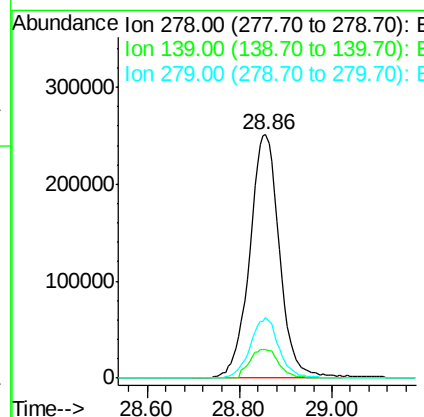
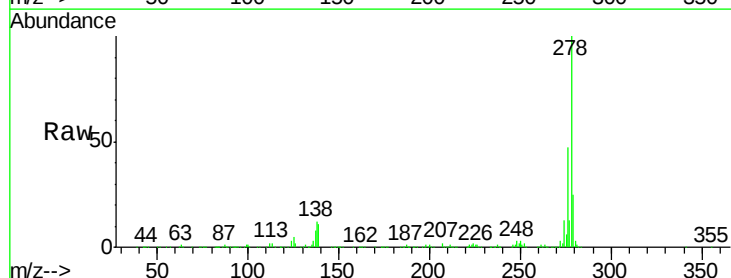
Instrument :
BNA_G
ClientSampleId :
PB104979BSD

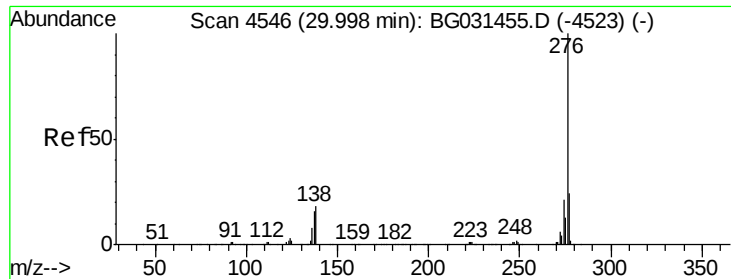
Tot Ion:252 Resp: 1189050
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 7.9 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 41.560 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:278 Resp: 1125981
Ion Ratio Lower Upper
278 100
139 11.5 9.8 14.6
279 24.9 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 42.678 ng

RT: 29.99 min Scan# 4545

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

PB104979BSD

Tot Ion:276 Resp: 1136777

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 15.6 13.9 20.9

