

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031533.D
 Acq On : 13 Dec 2017 18:29
 Operator : SJ/JU
 Sample : PB104989BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 19:28:40 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	44321	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	193838	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	138203	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	406811	20.00	ng	0.00
75) Chrysene-d12	21.75	240	475245	20.00	ng	0.00
86) Perylene-d12	25.03	264	472651	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	313000	125.18	ng	0.00
7) Phenol-d6	7.28	99	414588	119.44	ng	0.00
23) Nitrobenzene-d5	9.27	82	238365	75.80	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	222614	137.49	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	716596	76.11	ng	0.00
78) Terphenyl-d14	20.07	244	1613936	77.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	32920	27.593	ng	85
3) Pyridine	3.92	79	93276	29.694	ng	88
4) n-Nitrosodimethylamine	3.83	42	44572	30.125	ng	# 86
6) Aniline	7.43	93	53075	11.610	ng	92
8) 2-Chlorophenol	7.67	128	101523	36.400	ng	88
9) Benzaldehyde	7.25	77	70063	34.822	ng	94
10) Phenol	7.31	94	133439	37.421	ng	90
11) bis(2-Chloroethyl)ether	7.52	93	91116	31.307	ng	93
12) 1,3-Dichlorobenzene	7.99	146	108576	32.735	ng	96
13) 1,4-Dichlorobenzene	8.14	146	111004	32.202	ng	96
14) 1,2-Dichlorobenzene	8.46	146	104915	31.950	ng	99
15) Benzyl Alcohol	8.35	79	89090	32.809	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.63	45	141083	43.149	ng	91
17) 2-Methylphenol	8.56	107	90039	37.042	ng	95
18) Hexachloroethane	9.19	117	38867	33.449	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	75116	27.493	ng	# 95
20) 3+4-Methylphenols	8.89	107	121817	33.641	ng	94
22) Acetophenone	8.93	105	154385	33.200	ng	# 94
24) Nitrobenzene	9.32	77	110854	34.399	ng	91
25) Isophorone	9.84	82	211048	35.510	ng	# 92
26) 2-Nitrophenol	10.03	139	56779	35.632	ng	93
27) 2,4-Dimethylphenol	10.09	122	104530	43.182	ng	91
28) bis(2-Chloroethoxy)methane	10.31	93	132689	34.582	ng	96
29) 2,4-Dichlorophenol	10.58	162	113488	39.793	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	121433	33.333	ng	98
31) Naphthalene	10.97	128	311076	32.667	ng	98
32) Benzoic acid	10.24	122	38427	32.353	ng	# 85
33) 4-Chloroaniline	11.10	127	18955	4.584	ng	97
34) Hexachlorobutadiene	11.25	225	78332	32.416	ng	96
35) Caprolactam	11.85	113	18680	16.680	ng	# 77
36) 4-Chloro-3-methylphenol	12.21	107	124895	38.365	ng	# 84
37) 2-Methylnaphthalene	12.57	142	251083	34.054	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	164901	30.530	ng	96
40) Hexachlorocyclopentadiene	12.91	237	74188	50.054	ng	88

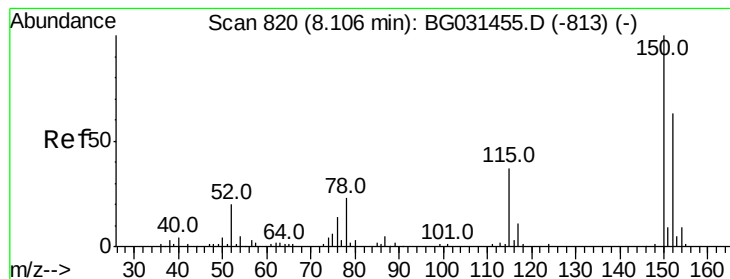
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	105924	38.384	ng	99
43) 2,4,5-Trichlorophenol	13.27	196	116570	39.214	ng	95
45) 1,1'-Biphenyl	13.56	154	357451	31.490	ng	98
46) 2-Chloronaphthalene	13.61	162	279694	33.665	ng	96
47) 2-Nitroaniline	13.82	65	83126	35.606	ng	# 80
48) Acenaphthylene	14.45	152	443059	33.143	ng	99
49) Dimethylphthalate	14.18	163	406482	35.526	ng	100
50) 2,6-Dinitrotoluene	14.31	165	91819	37.544	ng	# 76
51) Acenaphthene	14.80	154	272771	32.270	ng	99
52) 3-Nitroaniline	14.65	138	15623	6.267	ng	# 76
53) 2,4-Dinitrophenol	14.86	184	68652	68.708	ng	# 47
54) Dibenzofuran	15.12	168	474347	35.166	ng	99
55) 4-Nitrophenol	14.97	139	142716	84.512	ng	# 84
56) 2,4-Dinitrotoluene	15.10	165	139772	40.238	ng	# 75
57) Fluorene	15.78	166	385220	35.642	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	119846	42.892	ng	# 90
59) Diethylphthalate	15.53	149	427042	37.235	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	222555	33.657	ng	92
61) 4-Nitroaniline	15.81	138	96286	36.804	ng	93
62) Azobenzene	16.05	77	334261	35.183	ng	94
64) 4,6-Dinitro-2-methylphenol	15.86	198	73941	31.867	ng	77
65) n-Nitrosodiphenylamine	15.98	169	371036	31.160	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	152058	32.144	ng	96
67) Hexachlorobenzene	16.78	284	155764	31.887	ng	97
68) Atrazine	16.92	200	169465	38.922	ng	99
69) Pentachlorophenol	17.13	266	131427	57.673	ng	99
70) Phenanthrene	17.52	178	719082	33.845	ng	99
71) Anthracene	17.60	178	742806	35.350	ng	99
72) Carbazole	17.87	167	709602	37.317	ng	100
73) Di-n-butylphthalate	18.41	149	841164	38.305	ng	98
74) Fluoranthene	19.52	202	997100	37.500	ng	98
76) Benzidine	19.72	184	102566	9.274	ng	98
77) Pyrene	19.88	202	1028224	34.820	ng	98
79) Butylbenzylphthalate	20.74	149	387787	37.433	ng	86
80) Benzo(a)anthracene	21.72	228	991292	34.558	ng	99
81) 3,3'-Dichlorobenzidine	21.63	252	186637	18.695	ng	99
82) Chrysene	21.79	228	944405	34.343	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	542687	36.412	ng	99
84) Di-n-octyl phthalate	22.82	149	919694	37.409	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1082681	36.840	ng	99
87) Benzo(b)fluoranthene	23.98	252	962184	34.050	ng	98
88) Benzo(k)fluoranthene	24.05	252	972981	33.741	ng	99
89) Benzo(a)pyrene	24.88	252	955246	35.636	ng	98
90) Dibenzo(a,h)anthracene	28.85	278	906910	35.380	ng	98
91) Benzo(g,h,i)perylene	29.98	276	899375	35.688	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

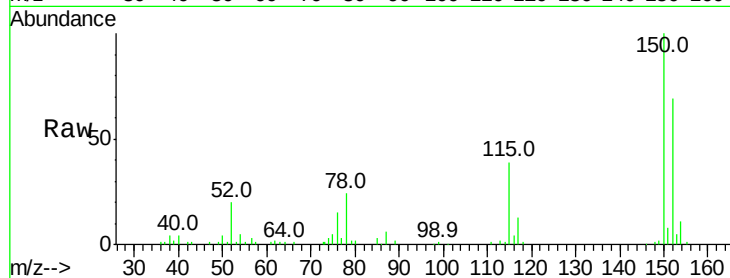
Tot Ion:152 Resp: 44321

Ion Ratio Lower Upper

152 100

150 144.6 126.6 189.8

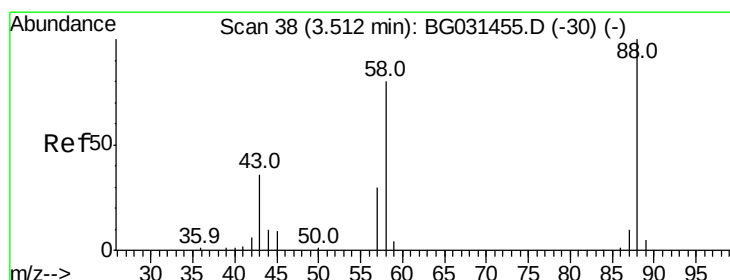
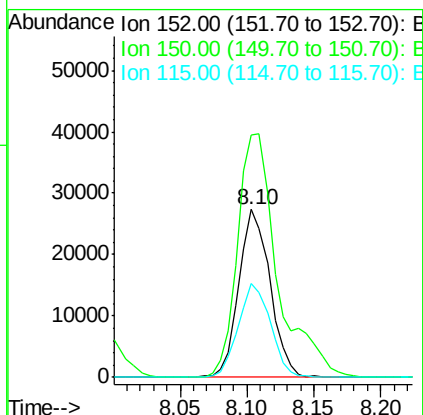
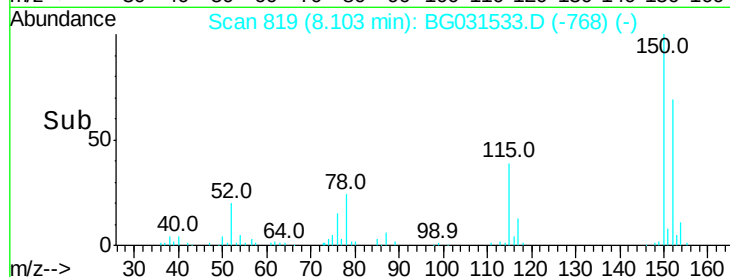
115 55.8 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.593 ng

RT: 3.51 min Scan# 37

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

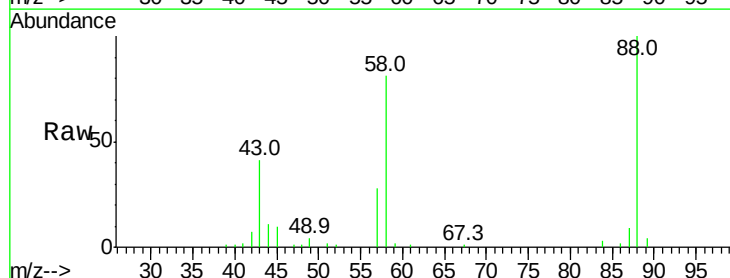
Tgt Ion: 88 Resp: 32920

Ion Ratio Lower Upper

88 100

58 79.9 79.6 119.4

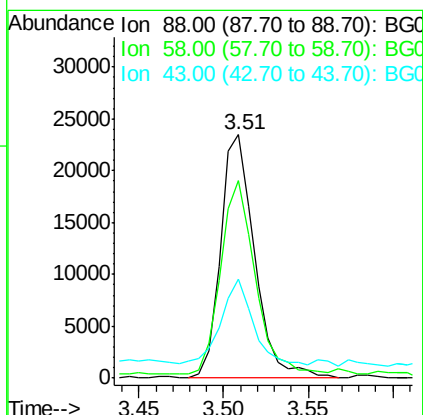
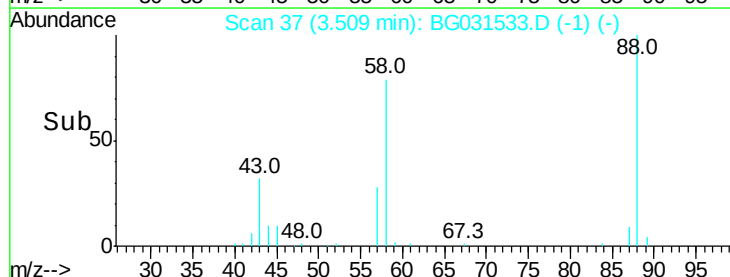
43 34.0 27.4 41.0

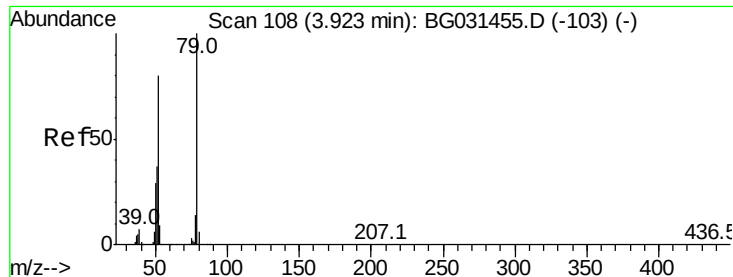


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.694 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

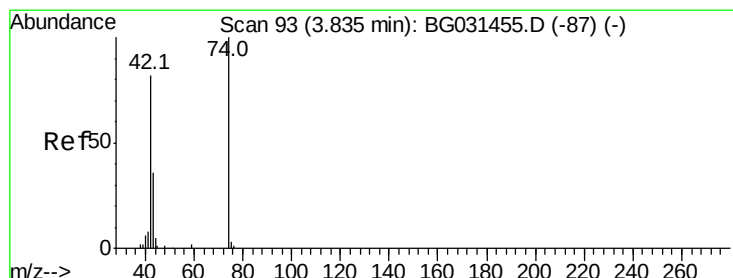
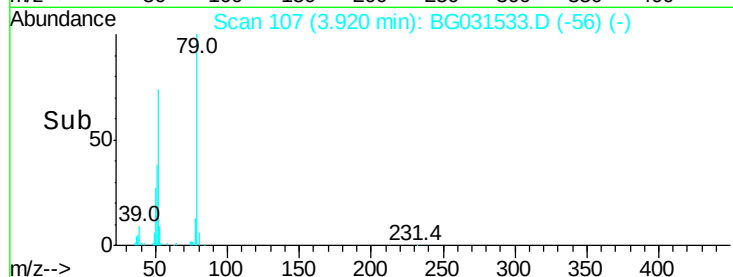
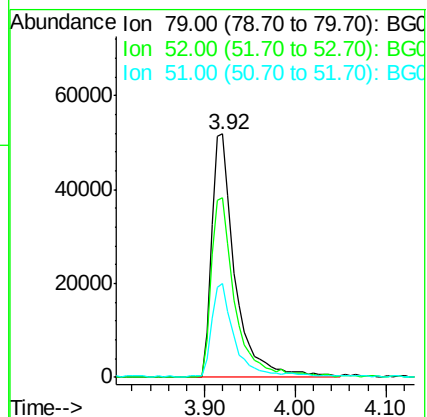
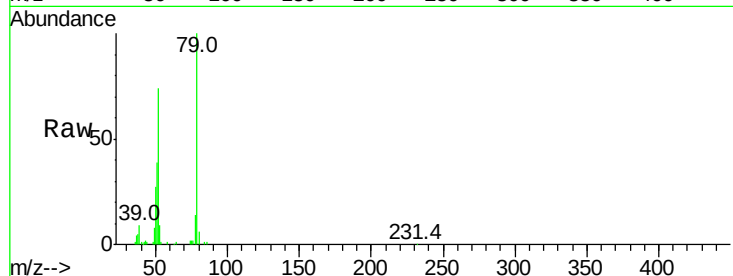
Tot Ion: 79 Resp: 93276

Ion Ratio Lower Upper

79 100

52 73.8 69.9 104.9

51 38.6 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 30.125 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

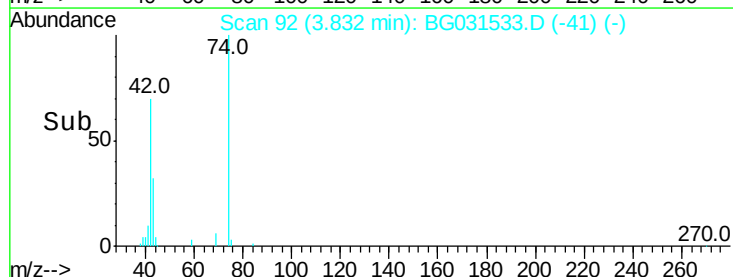
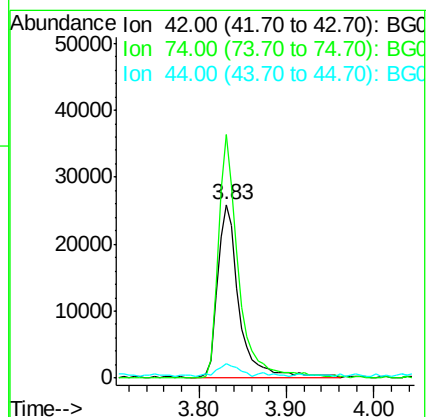
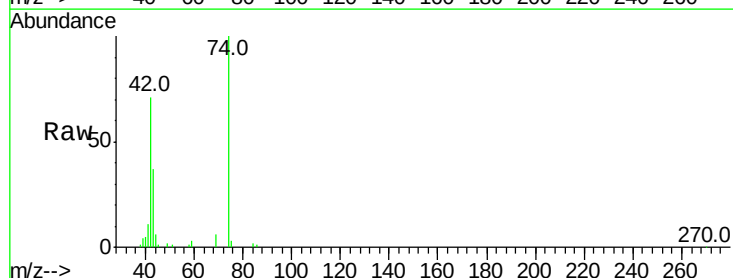
Tgt Ion: 42 Resp: 44572

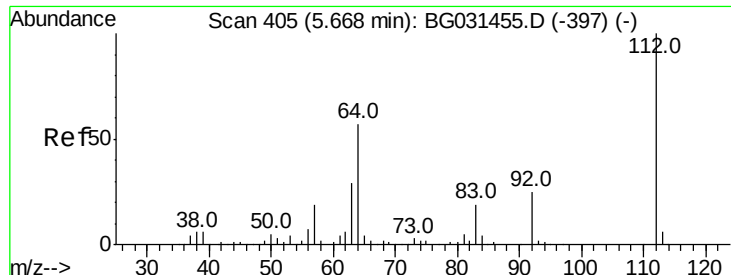
Ion Ratio Lower Upper

42 100

74 140.5 102.5 153.7

44 8.6 18.9 28.3





#5

2-Fluorophenol

Concen: 125.177 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

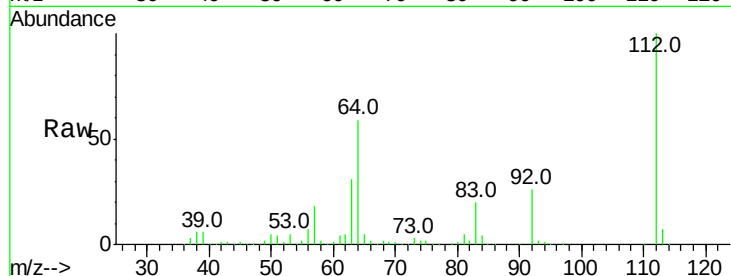
Tot Ion:112 Resp: 313000

Ion Ratio Lower Upper

112 100

64 58.9 56.3 84.5

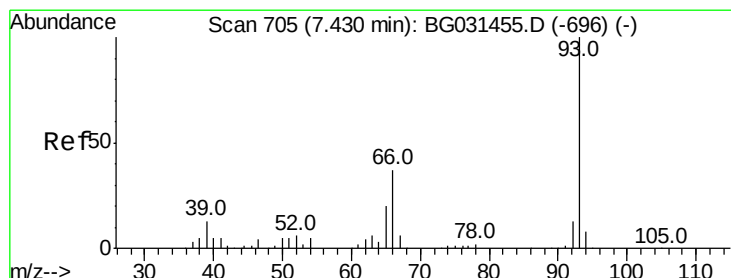
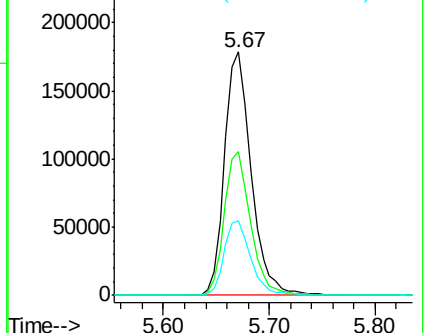
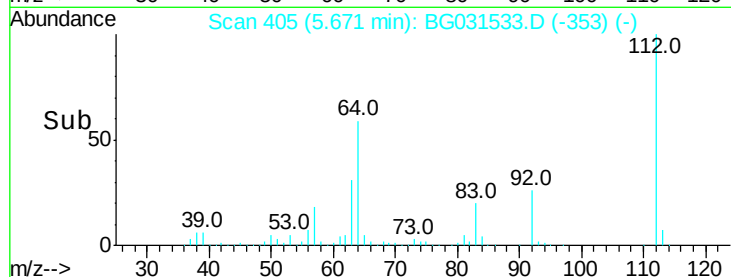
63 30.9 30.1 45.1



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: 11.610 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

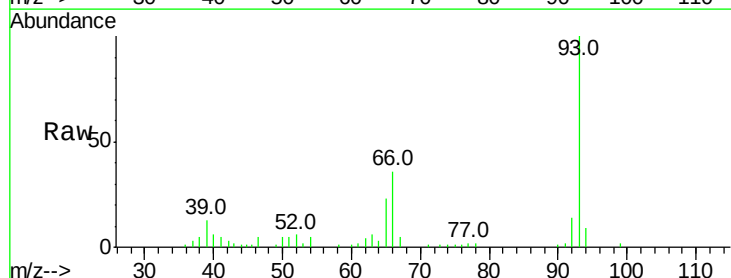
Tgt Ion: 93 Resp: 53075

Ion Ratio Lower Upper

93 100

66 36.4 33.7 50.5

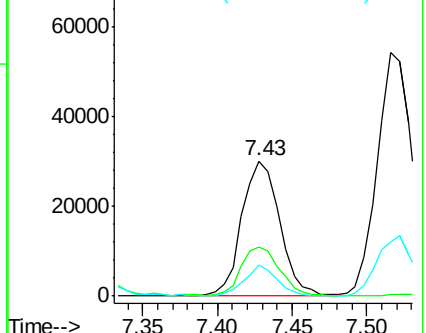
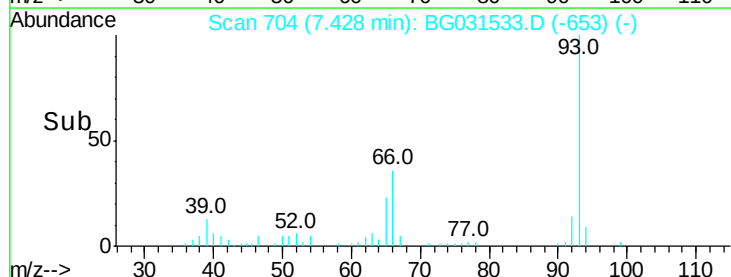
65 22.6 16.1 24.1

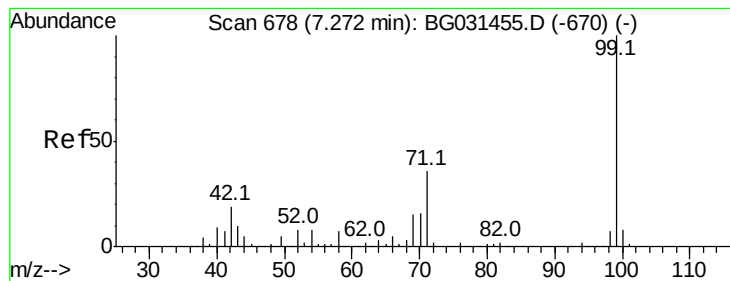


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.436 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

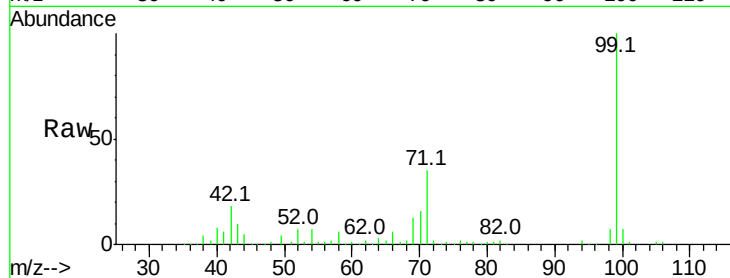
Tot Ion: 99 Resp: 414588

Ion Ratio Lower Upper

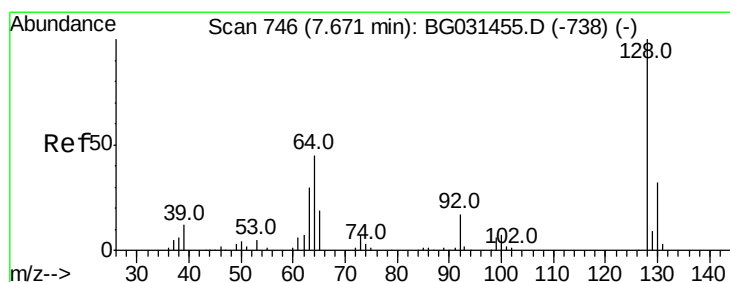
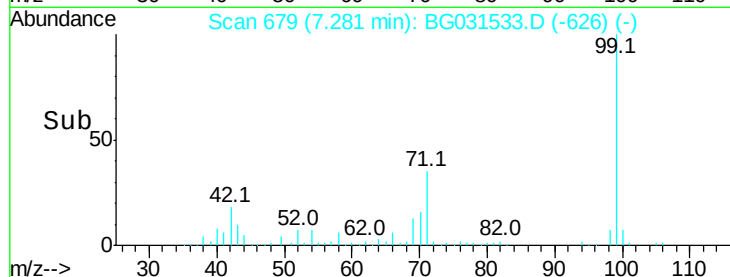
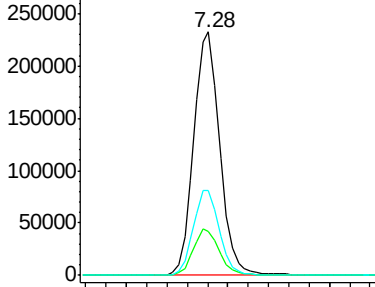
99 100

42 17.9 14.1 21.1

71 35.0 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: 36.400 ng

RT: 7.67 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

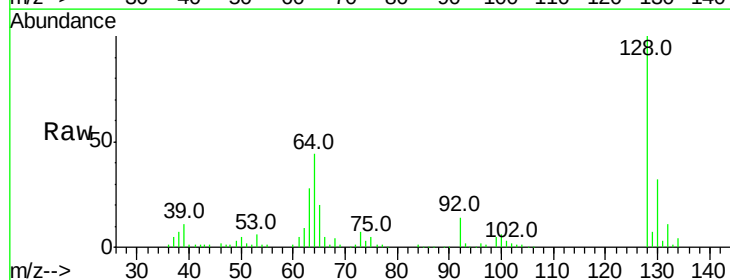
Tgt Ion: 128 Resp: 101523

Ion Ratio Lower Upper

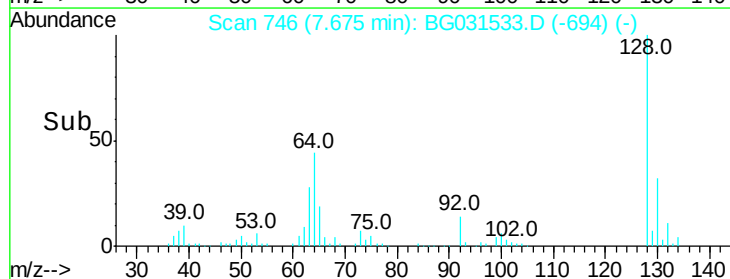
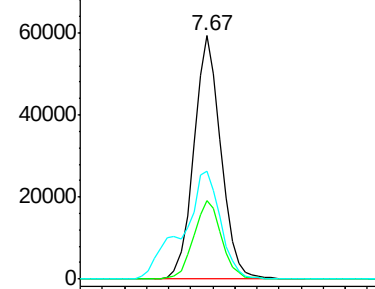
128 100

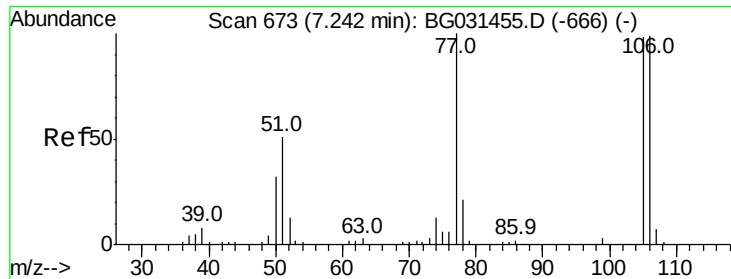
130 32.3 14.0 54.0

64 44.4 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: 34.822 ng

RT: 7.25 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampled :

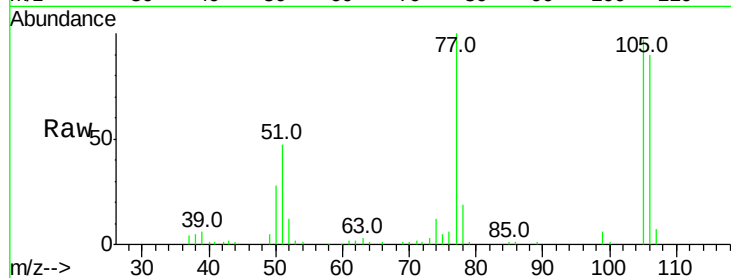
Tot Ion: 77 Resp: 70063

Ion Ratio Lower Upper

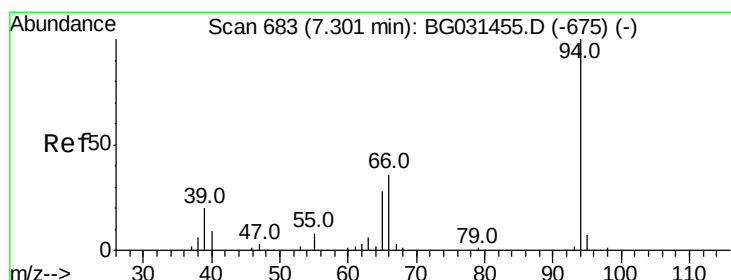
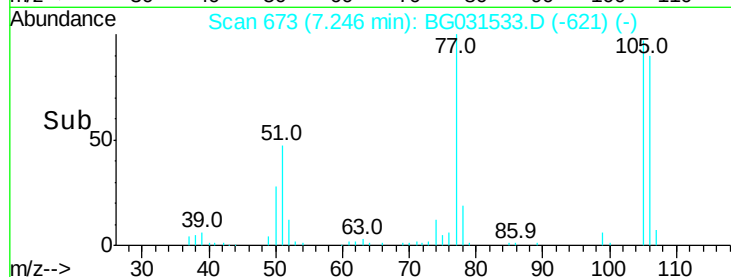
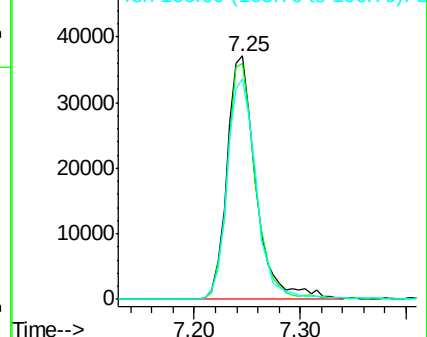
77 100

105 97.0 71.3 111.3

106 90.4 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.421 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

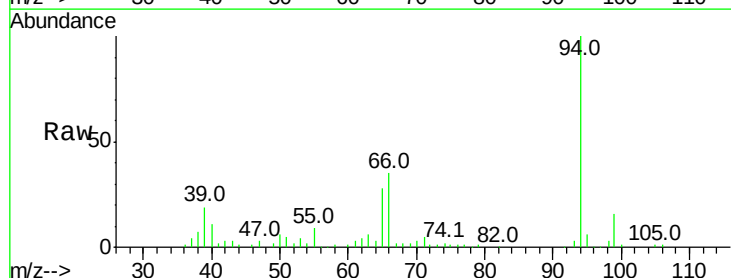
Tgt Ion: 94 Resp: 133439

Ion Ratio Lower Upper

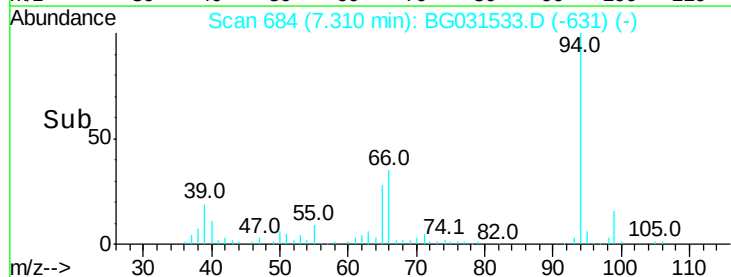
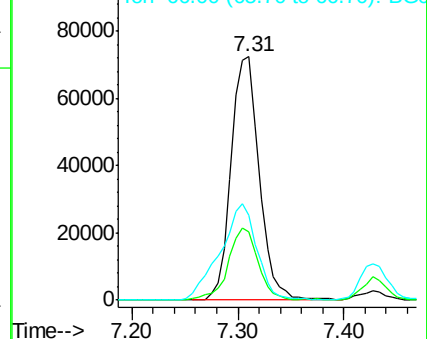
94 100

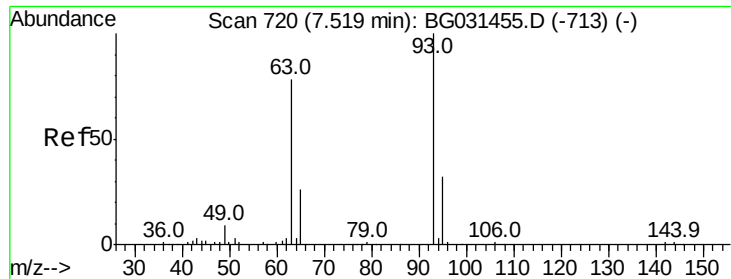
65 27.9 11.9 51.9

66 35.0 22.2 62.2



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

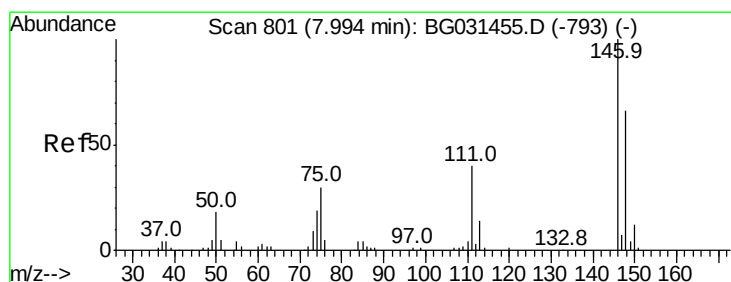
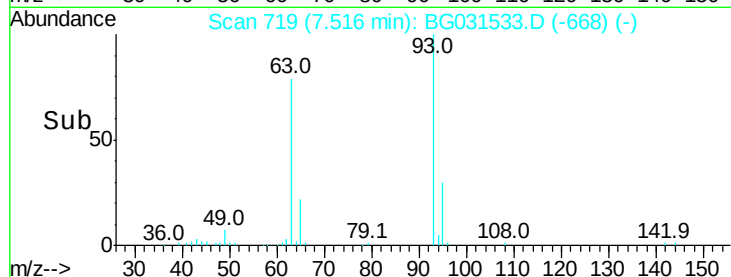
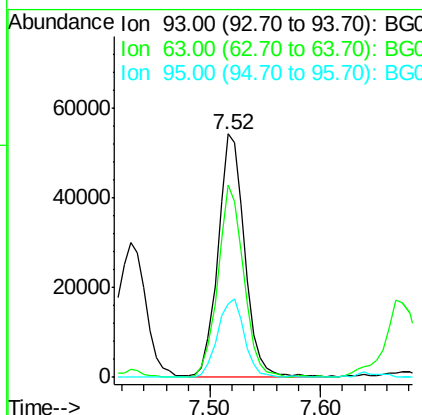
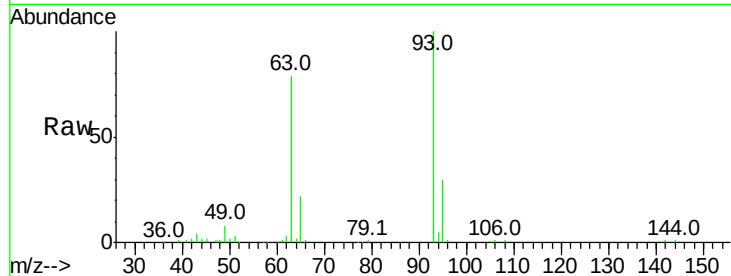




#11
bis(2-Chloroethyl)ether
Concen: 31.307 ng
RT: 7.52 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

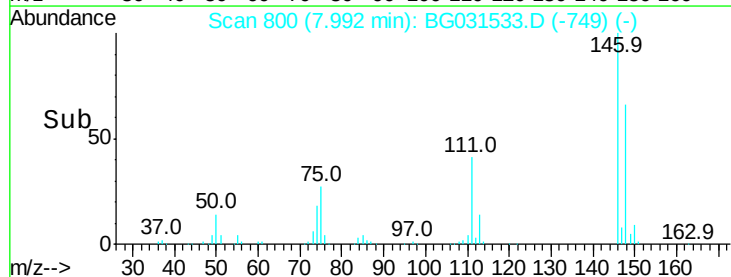
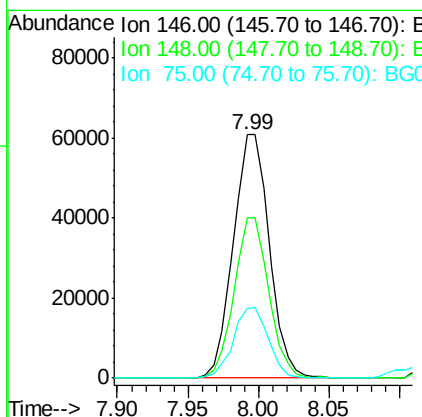
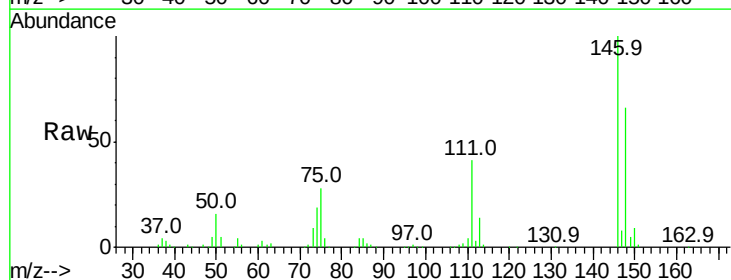
Instrument :
BNA_G
ClientSampleId :

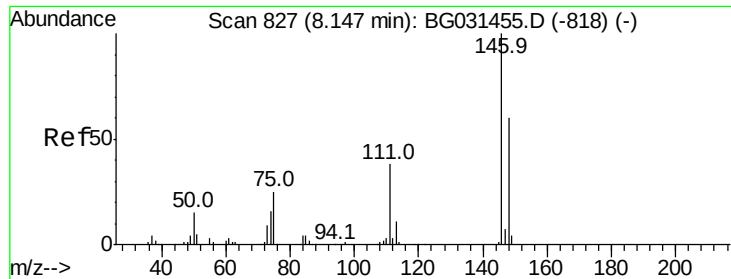
Tot Ion: 93 Resp: 91116
Ion Ratio Lower Upper
93 100
63 79.1 67.1 107.1
95 30.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 32.735 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion: 146 Resp: 108576
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.2
75 28.4 26.6 39.8

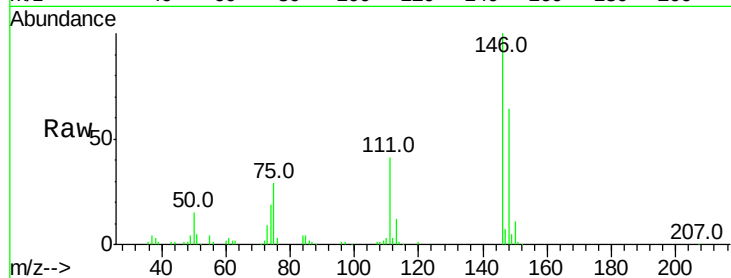




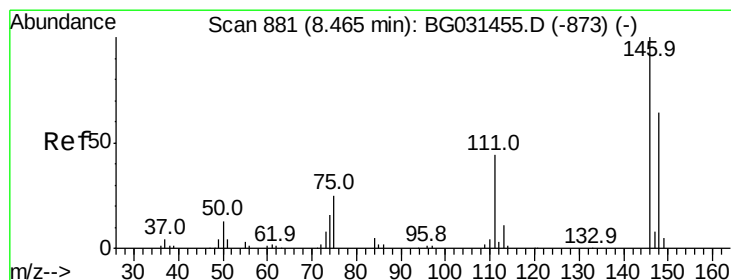
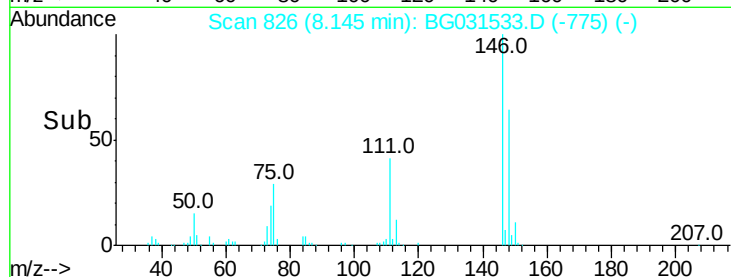
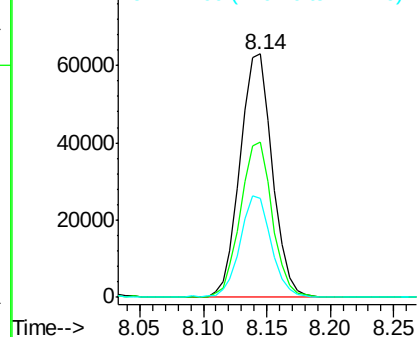
#13
 1,4-Dichlorobenzene
 Concen: 32.202 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 111004
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.7 80.5
 111 40.6 35.2 52.8

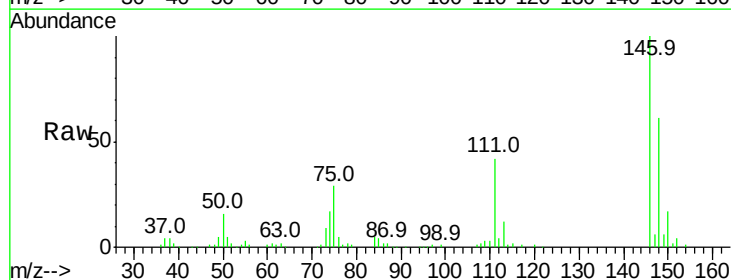


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

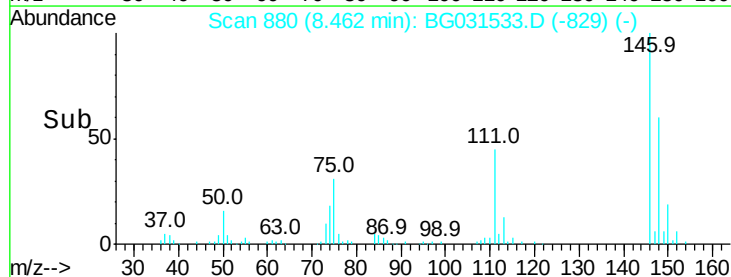
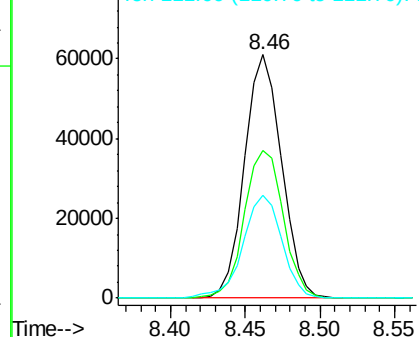


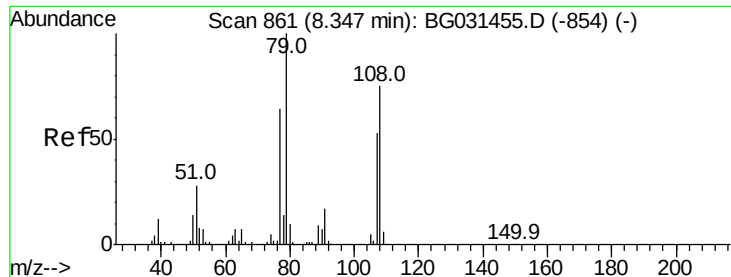
#14
 1,2-Dichlorobenzene
 Concen: 31.950 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion:146 Resp: 104915
 Ion Ratio Lower Upper
 146 100
 148 60.7 49.3 73.9
 111 42.5 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: 32.809 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampled :

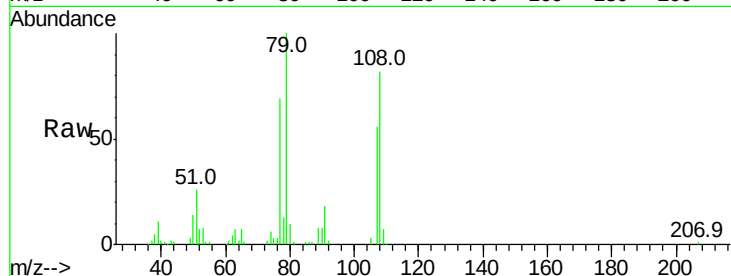
Tot Ion: 79 Resp: 89090

Ion Ratio Lower Upper

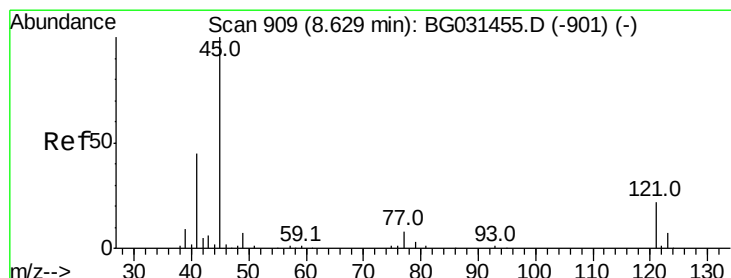
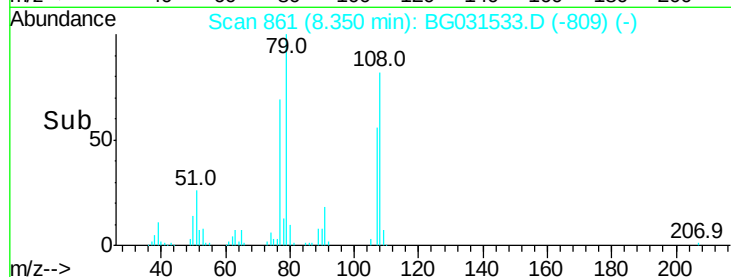
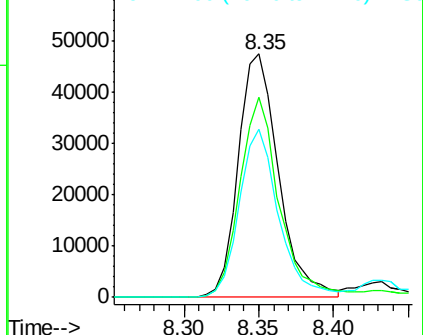
79 100

108 82.1 57.2 85.8

77 68.8 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: 43.149 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

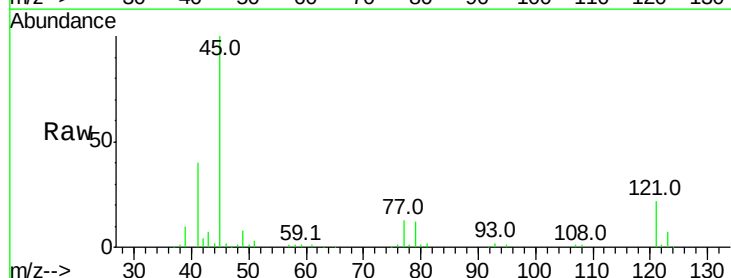
Tgt Ion: 45 Resp: 141083

Ion Ratio Lower Upper

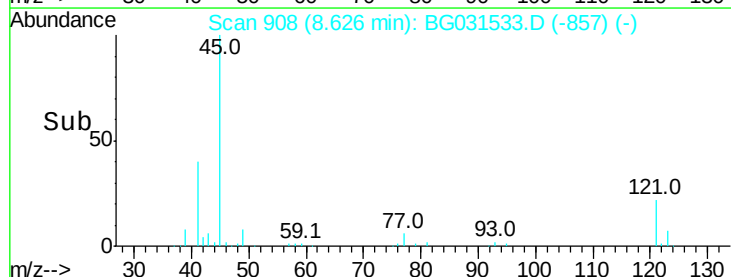
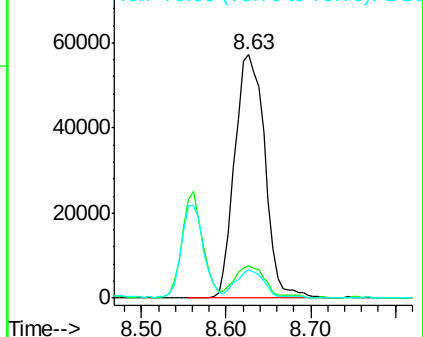
45 100

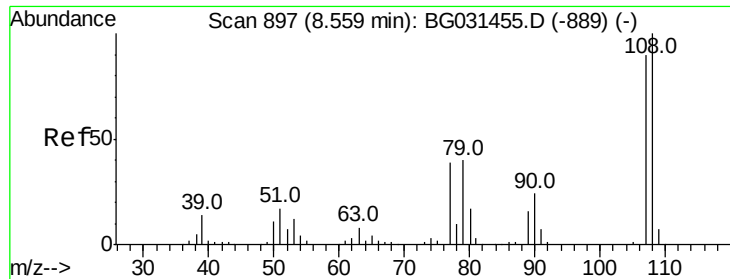
77 13.2 0.0 30.2

79 11.5 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

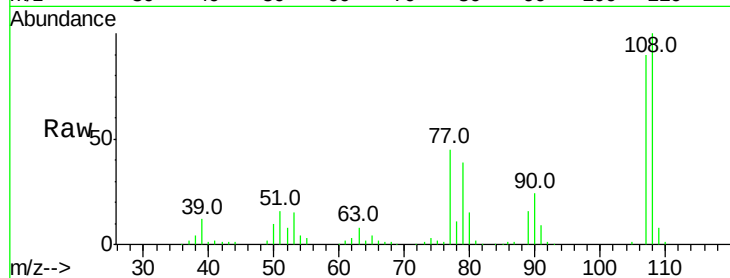




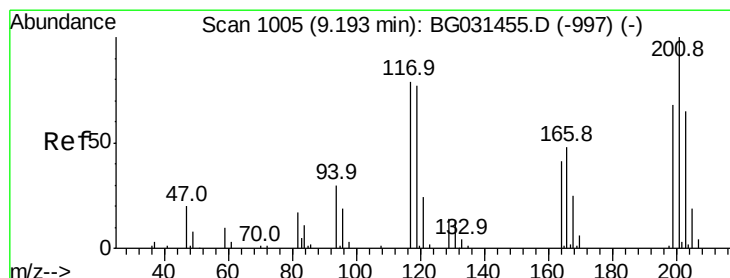
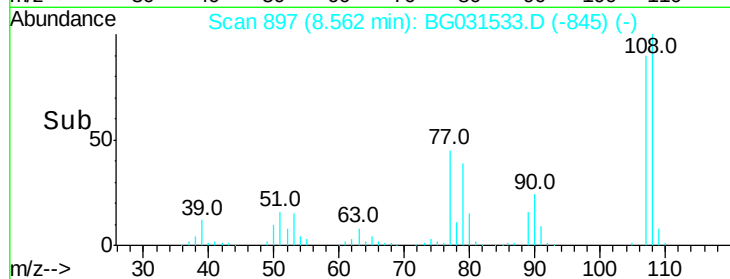
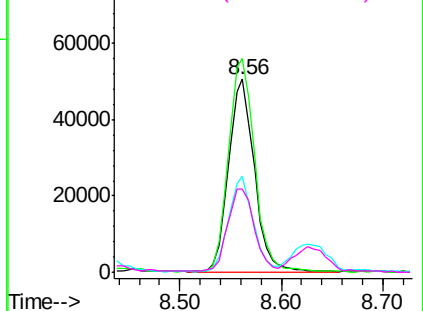
#17
2-Methylphenol
Concen: 37.042 ng
RT: 8.56 min Scan# 897
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 90039
Ion Ratio Lower Upper
107 100
108 110.6 83.9 125.9
77 49.7 37.2 55.8
79 42.8 36.2 54.2

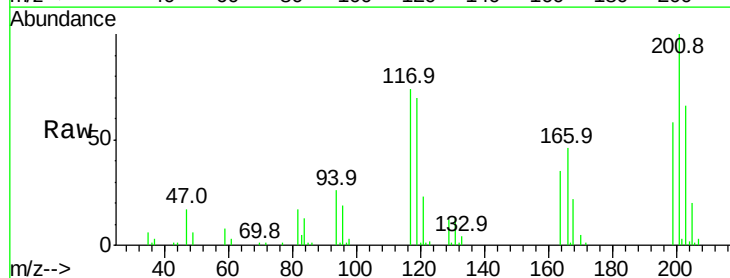


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

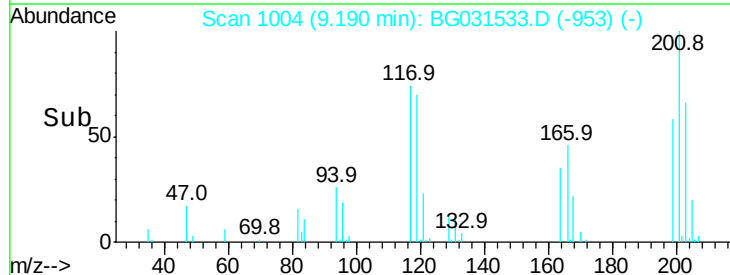
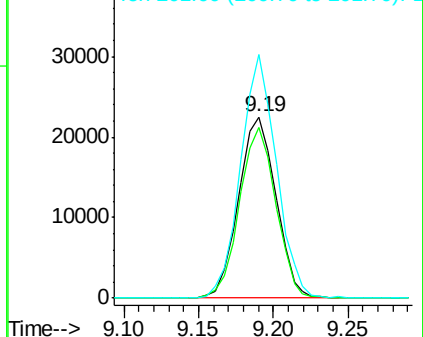


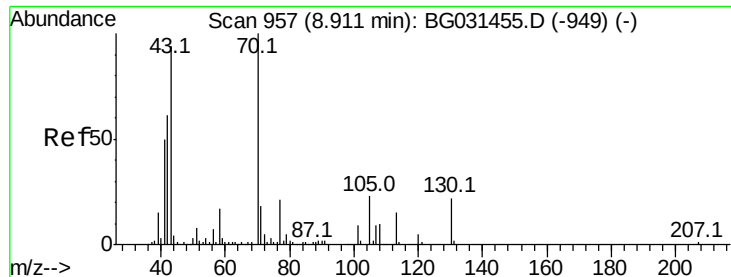
#18
Hexachloroethane
Concen: 33.449 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:117 Resp: 38867
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
201 134.6 95.7 143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

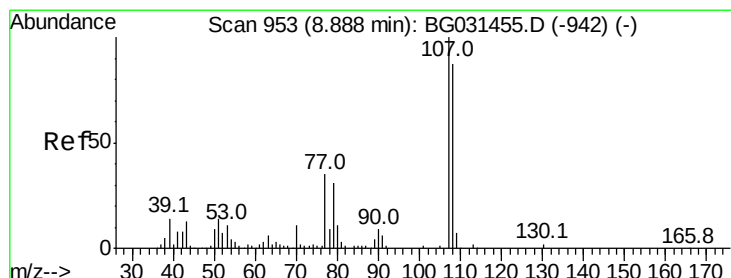
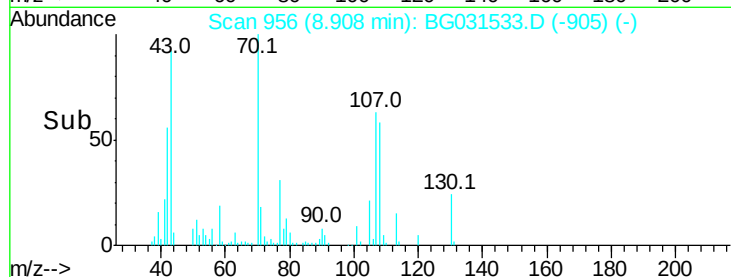
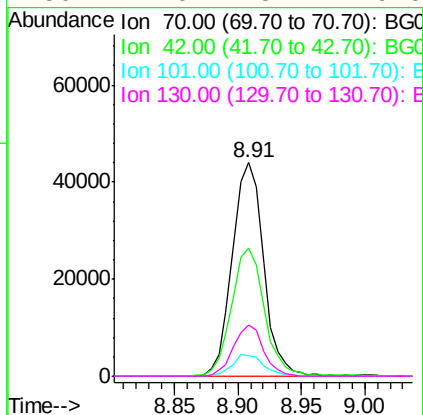
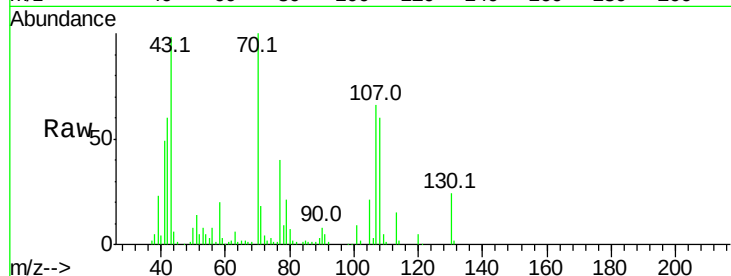




#19
n-Nitroso-di-n-propylamine
Concen: 27.493 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

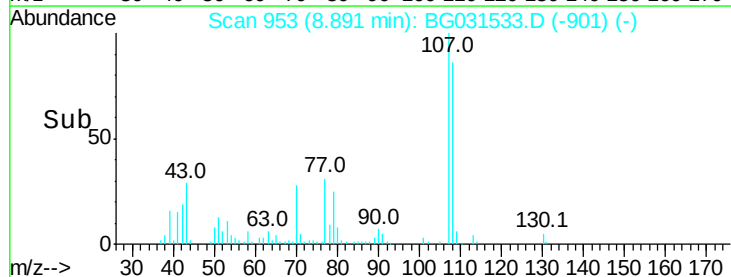
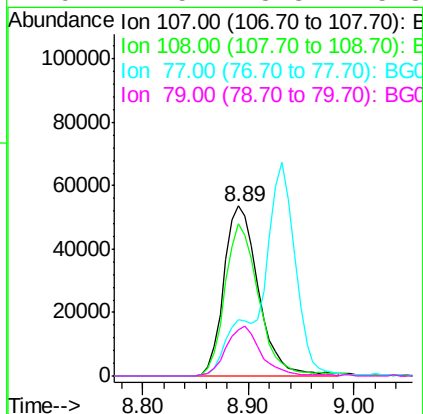
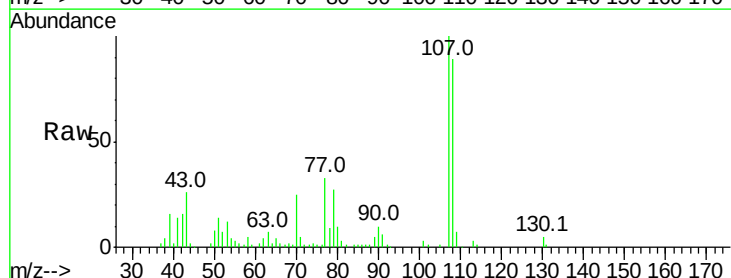
Instrument :
BNA_G
ClientSampleId :

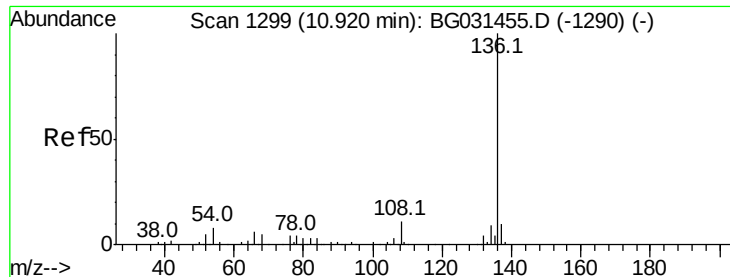
Tot Ion: 70 Resp: 75116
Ion Ratio Lower Upper
70 100
42 59.7 49.1 73.7
101 9.4 8.5 12.7
130 24.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 33.641 ng
RT: 8.89 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:107 Resp: 121817
Ion Ratio Lower Upper
107 100
108 89.4 61.6 101.6
77 33.2 13.9 53.9
79 27.5 8.8 48.8

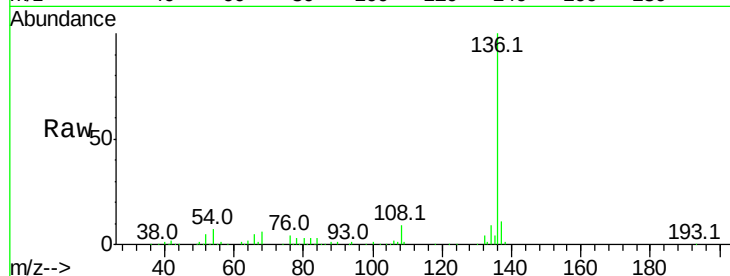




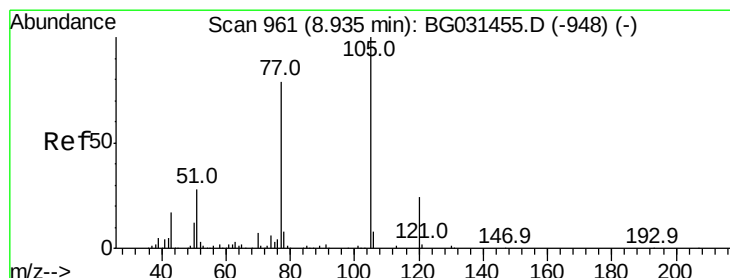
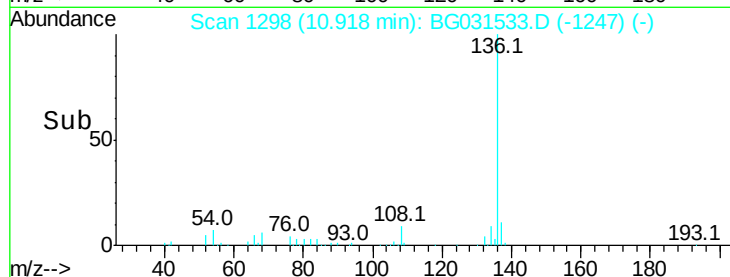
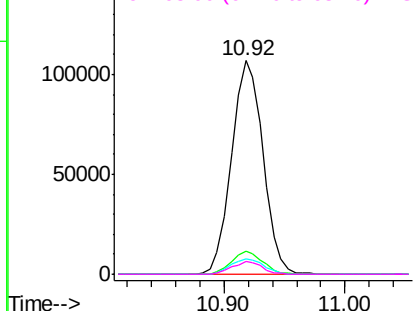
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	193838
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.2	10.3	15.5#
68	6.1	4.5	6.7

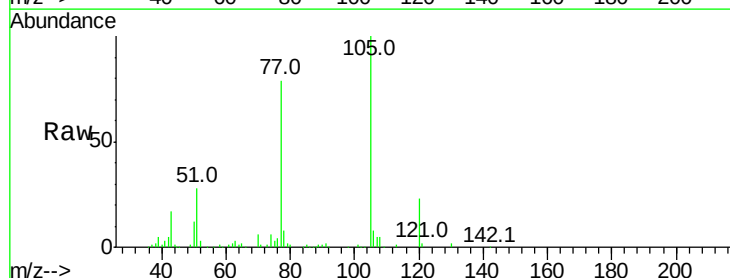


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

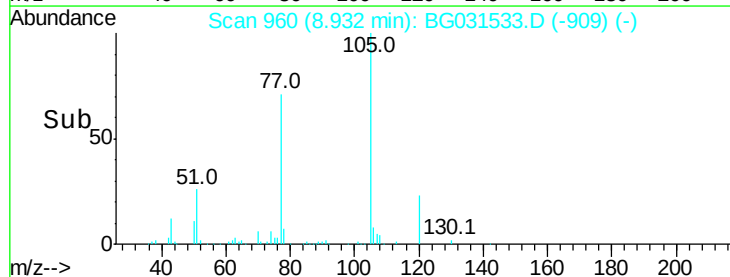
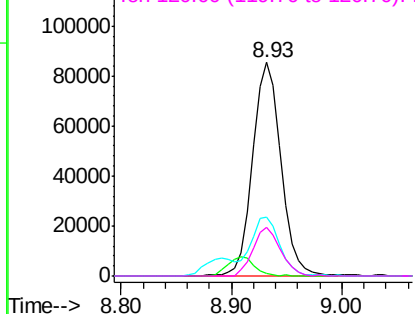


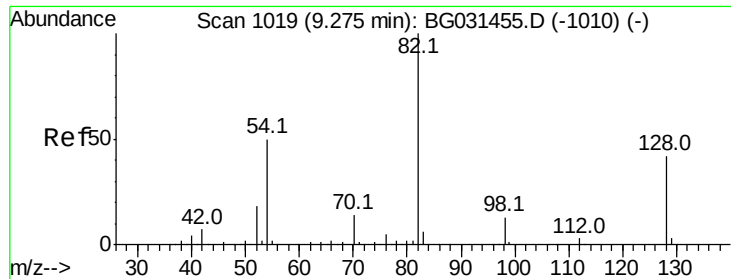
#22
Acetophenone
Concen: 33.200 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:	105	Resp:	154385
Ion	Ratio	Lower	Upper
105	100		
71	1.2	3.0	4.4#
51	27.8	26.1	39.1
120	23.1	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

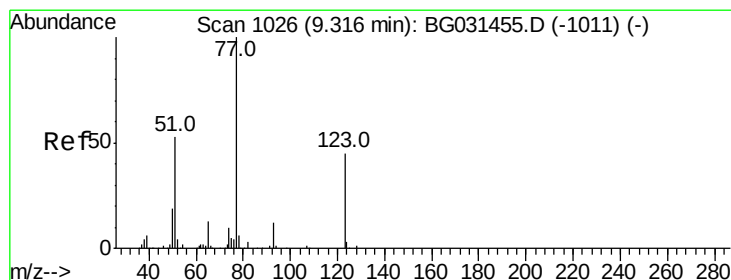
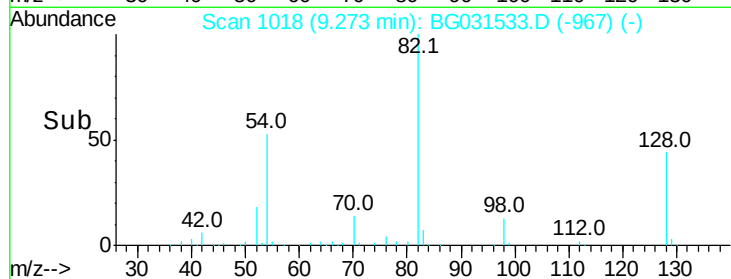
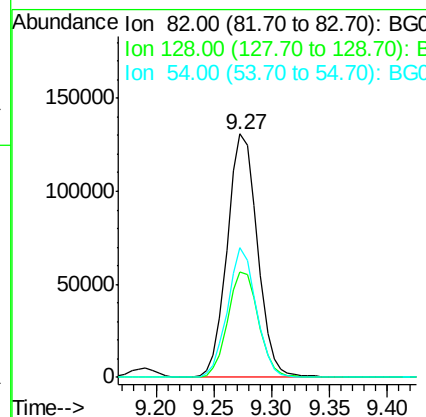
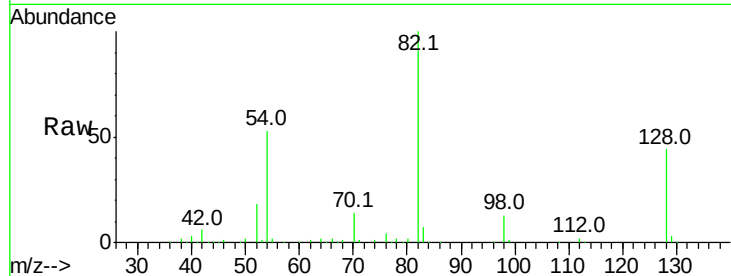




#23
 Nitrobenzene-d5
 Concen: 75.795 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

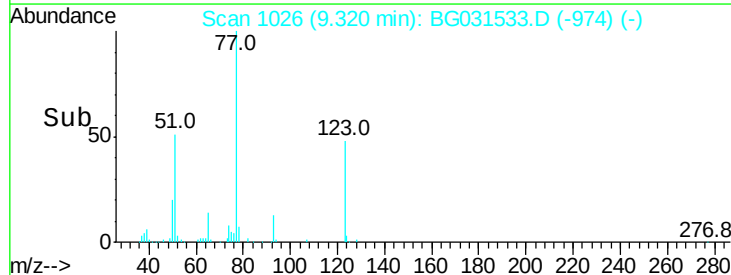
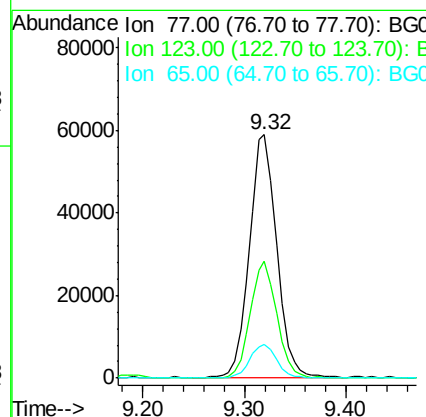
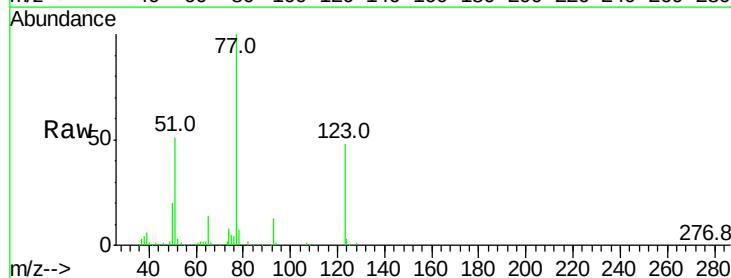
Instrument :
 BNA_G
 ClientSampleId :

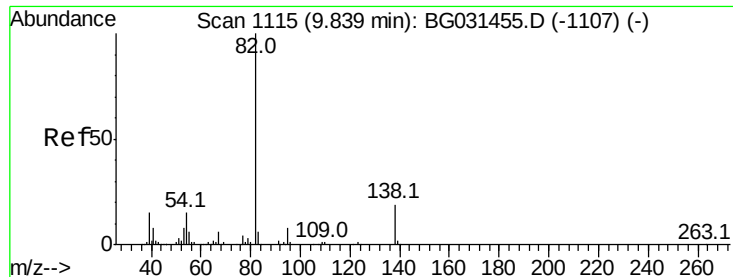
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.7	44.5
54	53.4	43.1	64.7



#24
 Nitrobenzene
 Concen: 34.399 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	33.0	49.6
65	13.9	13.0	19.6





#25

Isophorone

Concen: 35.510 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

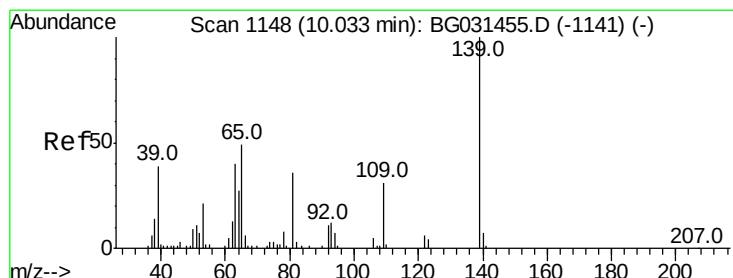
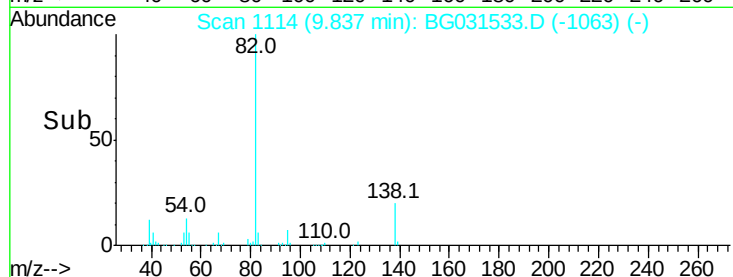
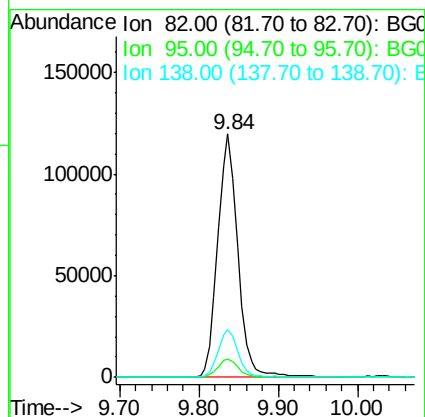
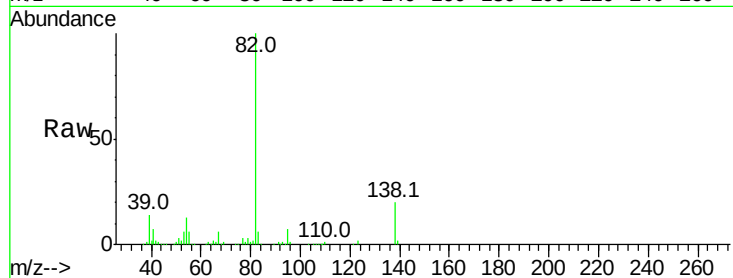
Tot Ion: 82 Resp: 211048

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 19.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 35.632 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

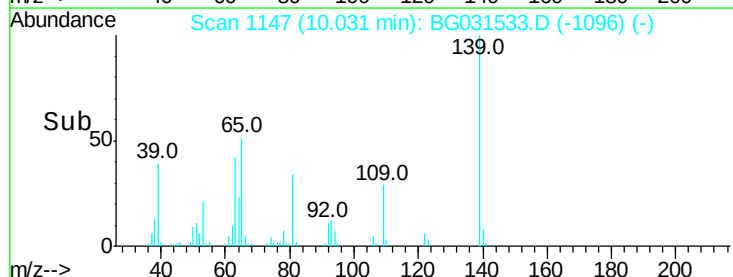
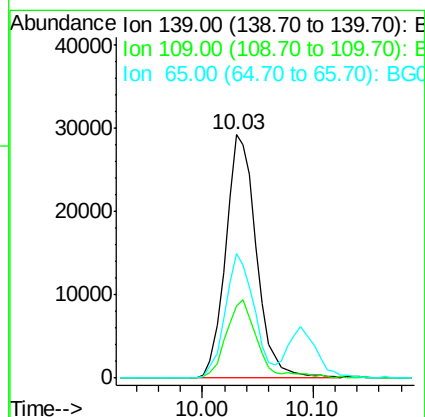
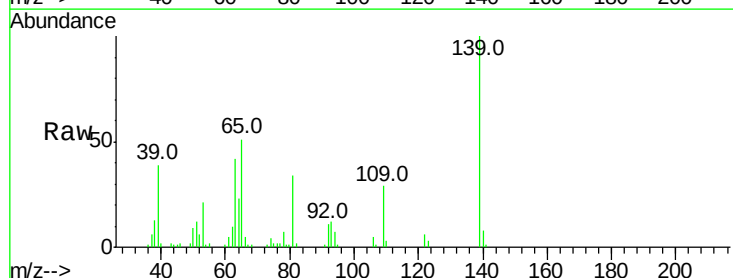
Tgt Ion: 139 Resp: 56779

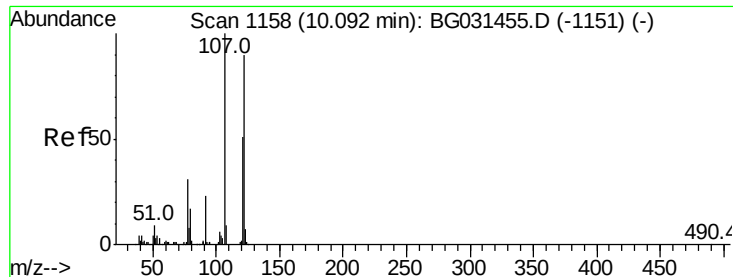
Ion Ratio Lower Upper

139 100

109 29.5 24.2 36.2

65 51.3 47.4 71.0

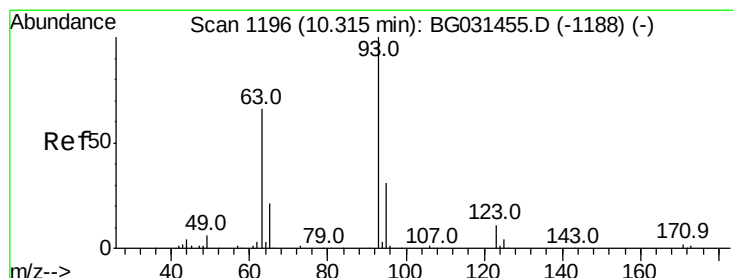
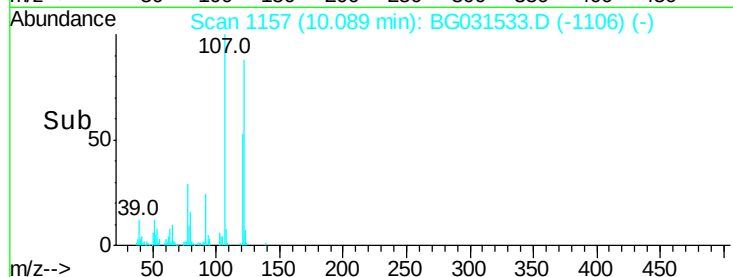
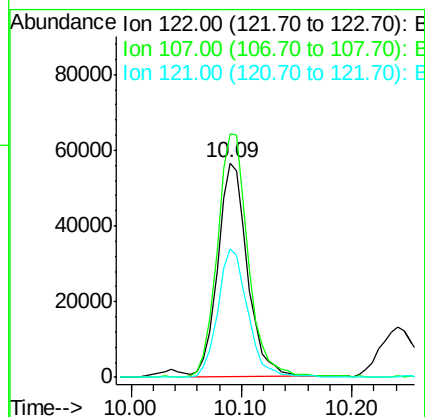
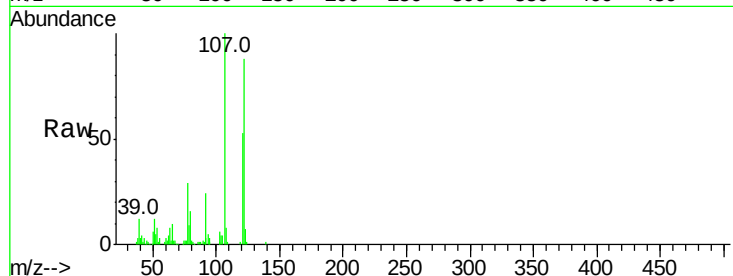




#27
 2,4-Dimethylphenol
 Concen: 43.182 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

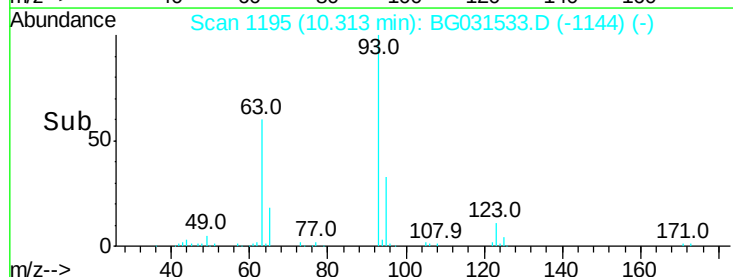
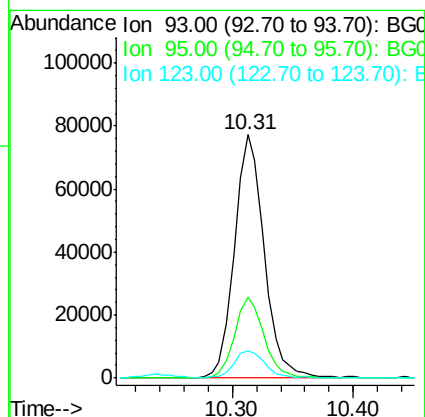
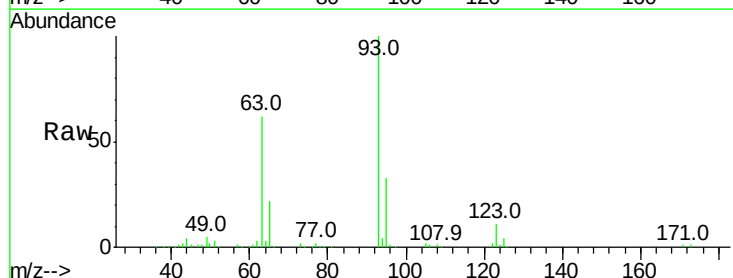
Instrument :
 BNA_G
 ClientSampleId :

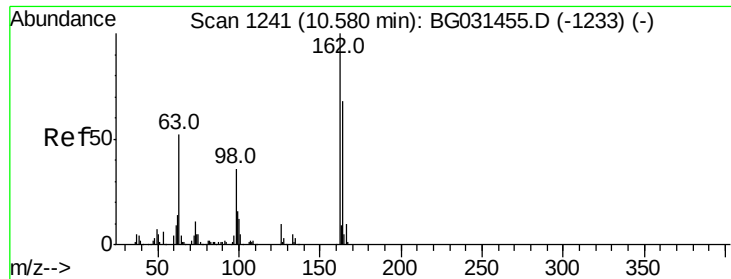
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.6	100.2	150.2
121	60.0	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.582 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	11.3	8.4	12.6

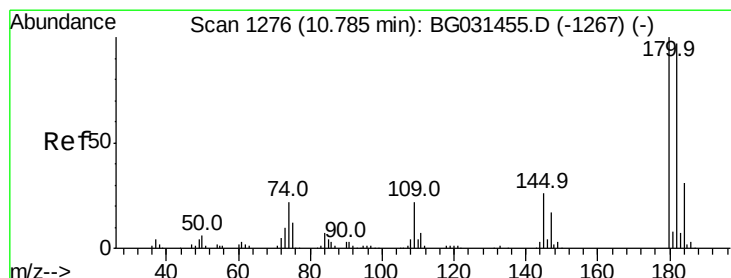
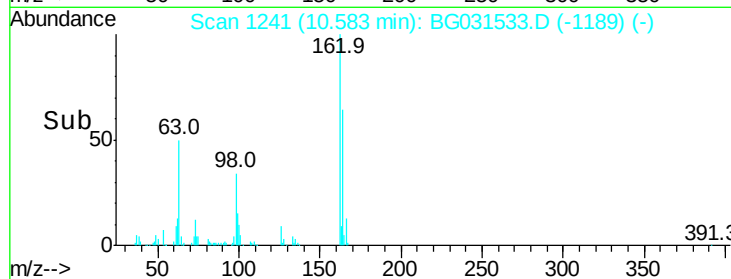
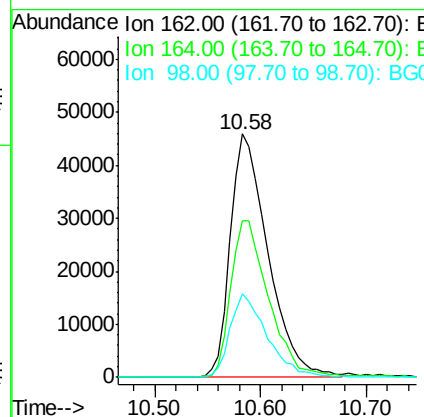
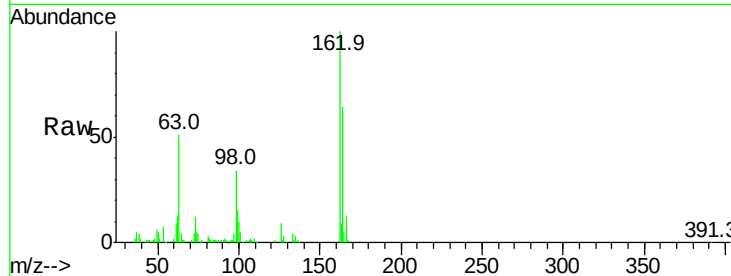




#29
 2,4-Dichlorophenol
 Concen: 39.793 ng
 RT: 10.58 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

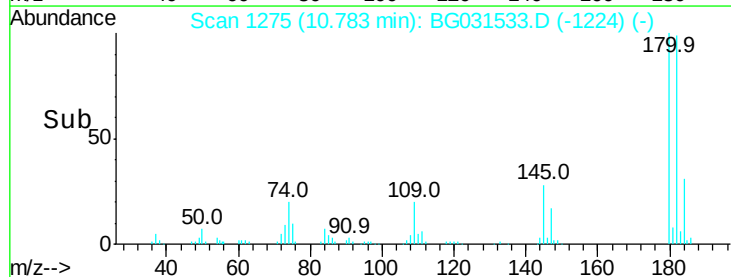
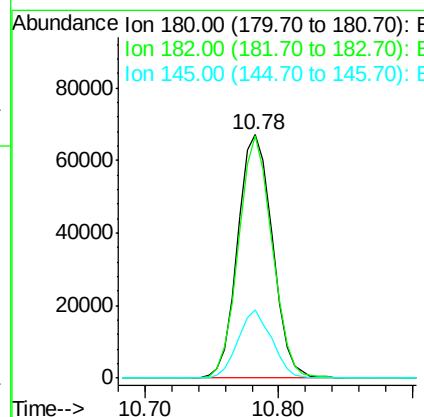
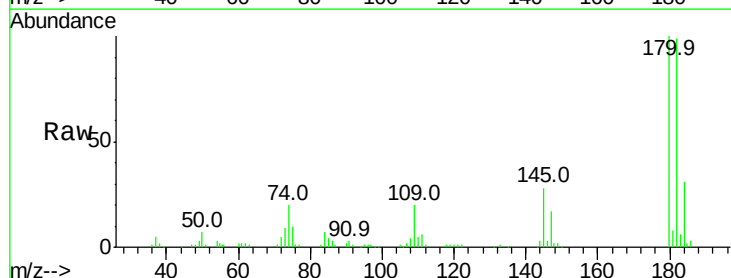
Instrument :
 BNA_G
 ClientSampleId :

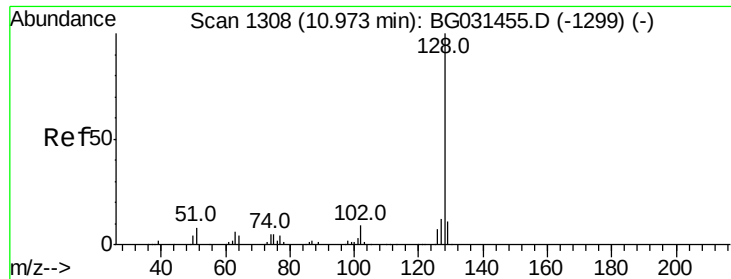
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.0	88.0
98	34.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.333 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	77.5	116.3
145	28.0	23.4	35.2

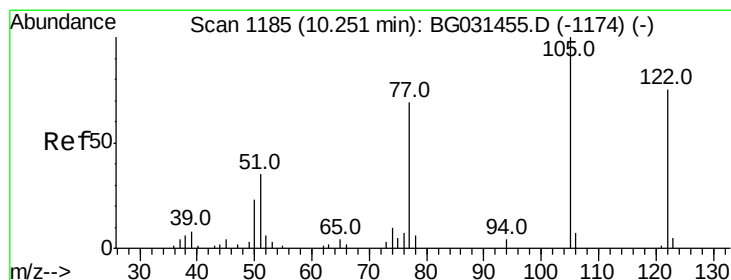
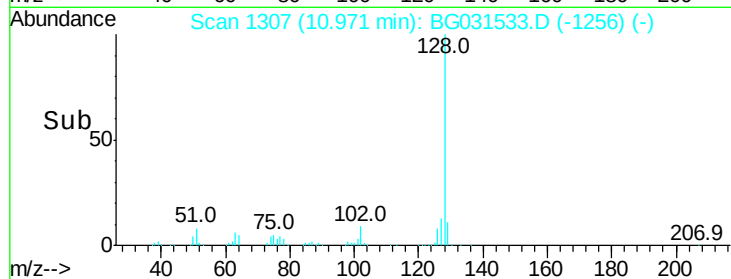
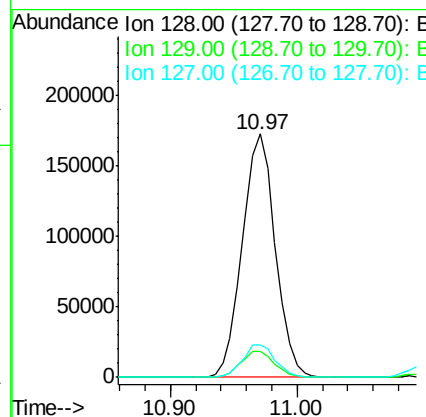
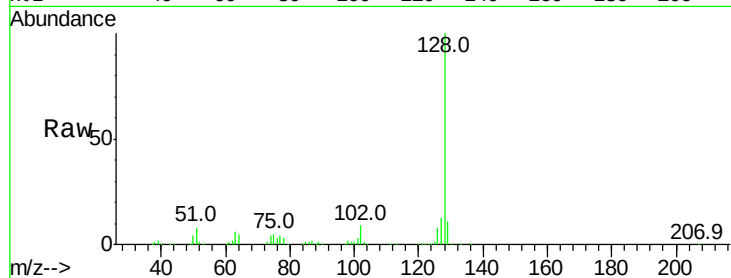




#31
Naphthalene
Concen: 32.667 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

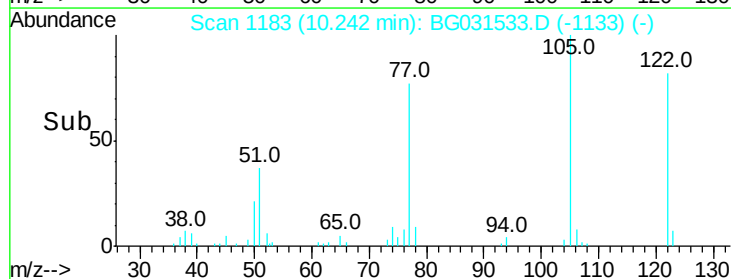
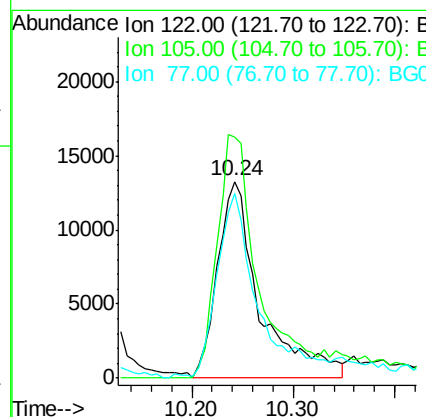
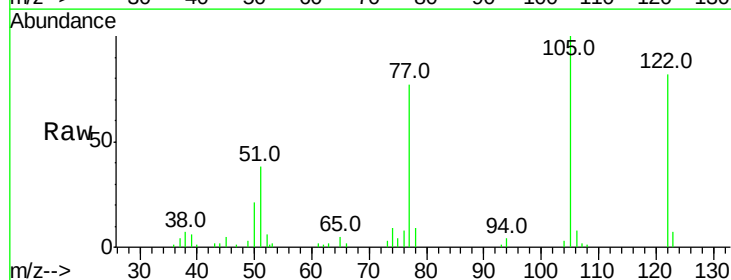
Instrument :
BNA_G
ClientSampleId :

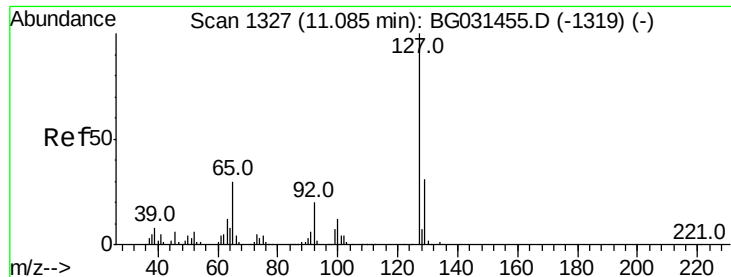
Tot Ion:128 Resp: 311076
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 11.6 17.4



#32
Benzoic acid
Concen: 32.353 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:122 Resp: 38427
Ion Ratio Lower Upper
122 100
105 122.4 123.5 163.5#
77 93.8 85.7 125.7

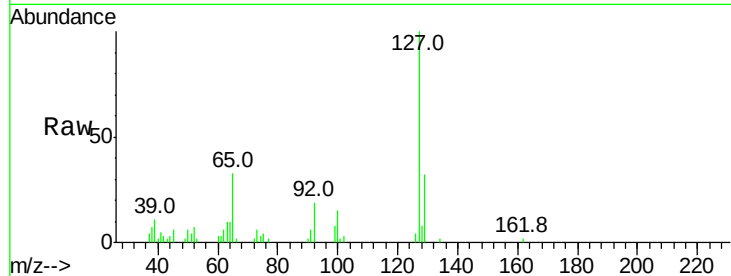




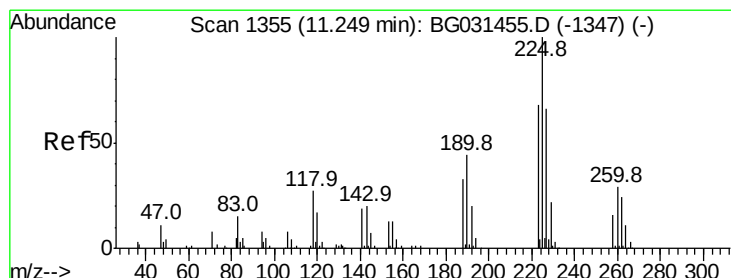
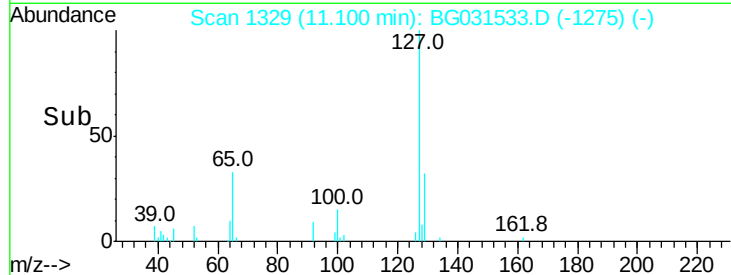
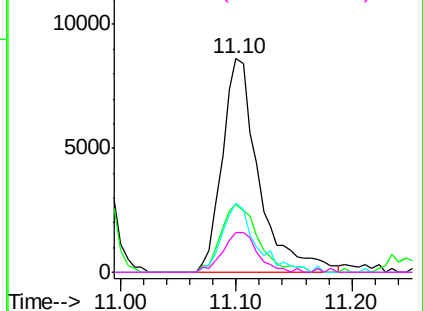
#33
4-Chloroaniline
Concen: 4.584 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	18955
Ion Ratio	Lower	Upper
127 100		
129 31.7	24.0	36.0
65 32.6	27.0	40.4
92 18.7	16.6	25.0

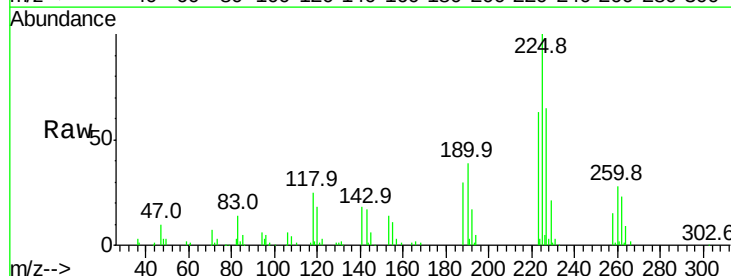


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

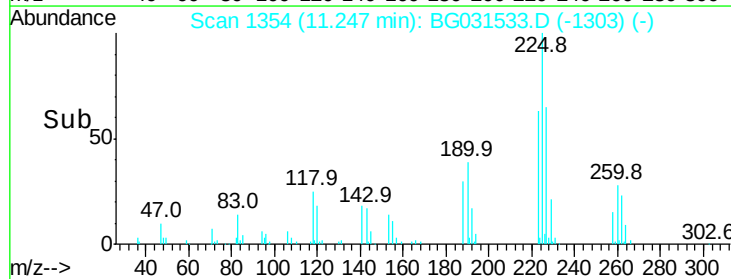
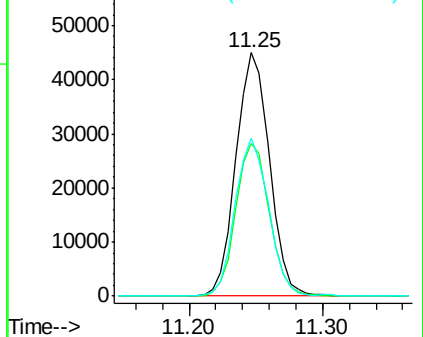


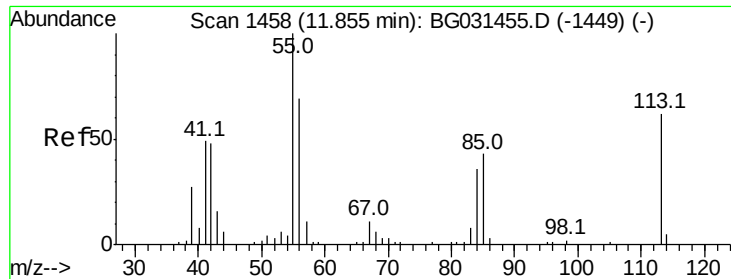
#34
Hexachlorobutadiene
Concen: 32.416 ng
RT: 11.25 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:225	Resp:	78332
Ion Ratio	Lower	Upper
225 100		
223 62.9	49.7	74.5
227 64.9	48.1	72.1



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





#35

Caprolactam

Concen: 16.680 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

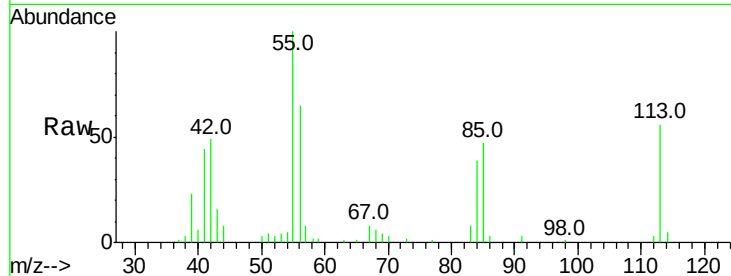
Tot Ion:113 Resp: 18680

Ion Ratio Lower Upper

113 100

55 177.5 186.9 226.9#

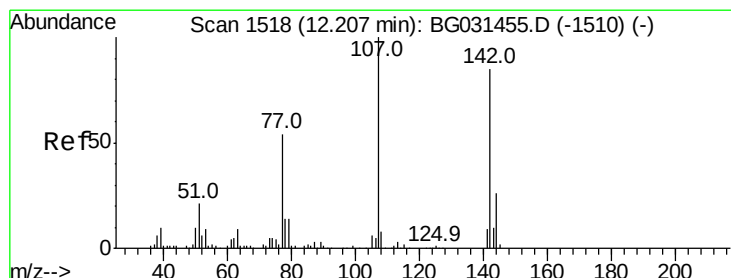
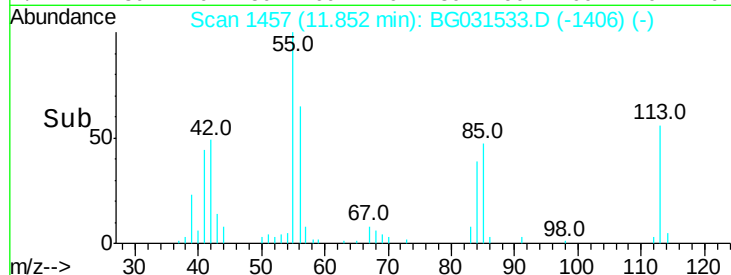
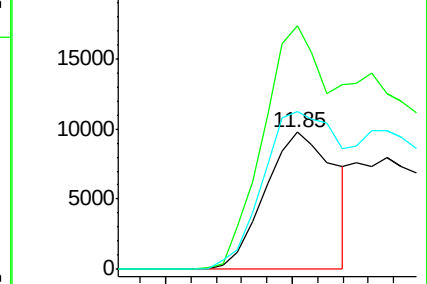
56 115.5 130.9 170.9#



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: 38.365 ng

RT: 12.21 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

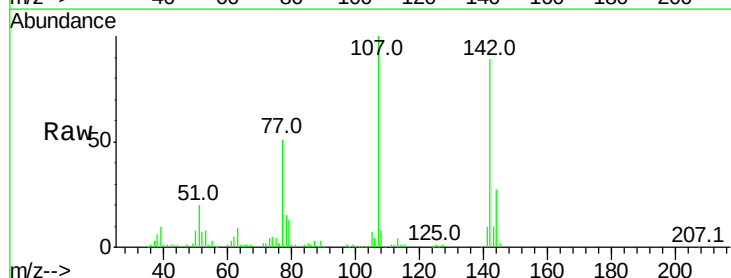
Tgt Ion:107 Resp: 124895

Ion Ratio Lower Upper

107 100

144 27.3 18.2 27.4

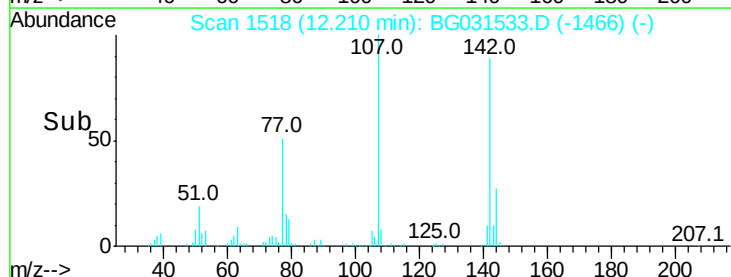
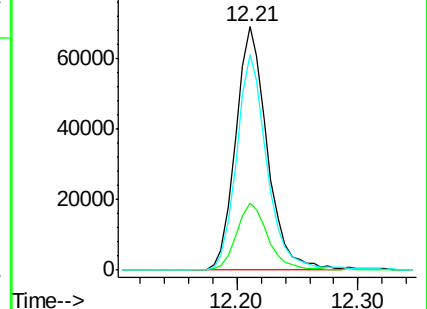
142 88.7 59.0 88.4#

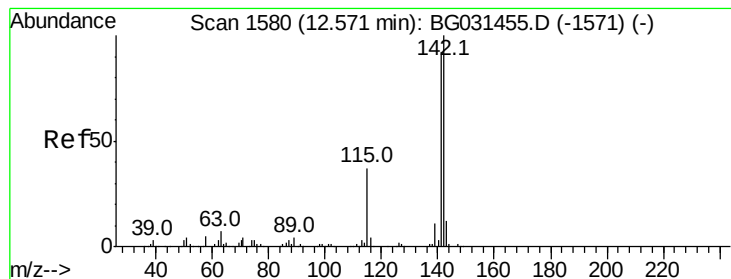


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.054 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

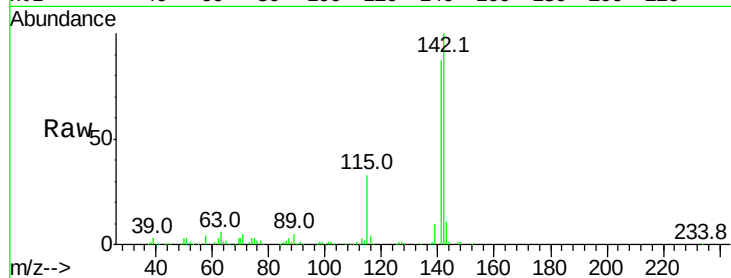
Tot Ion:142 Resp: 251083

Ion Ratio Lower Upper

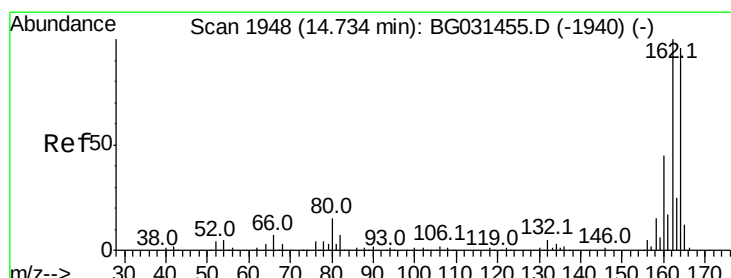
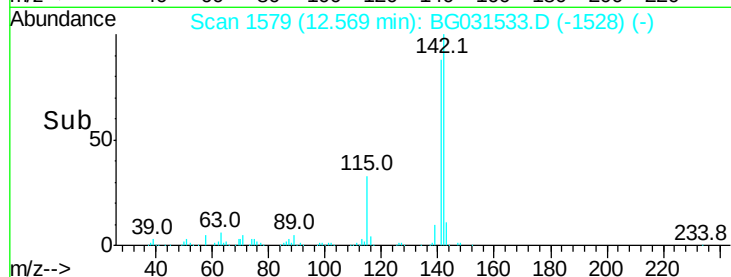
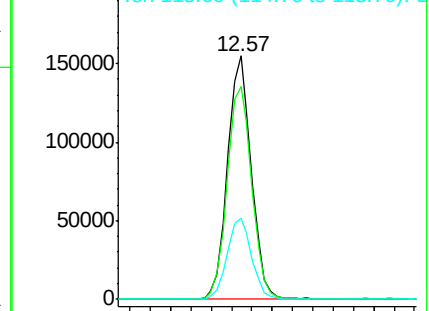
142 100

141 87.4 67.1 100.7

115 33.1 30.7 46.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

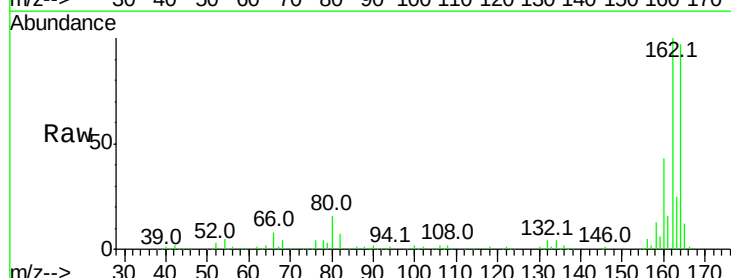
Tgt Ion:164 Resp: 138203

Ion Ratio Lower Upper

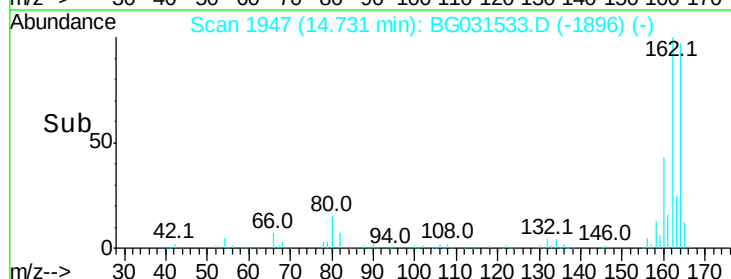
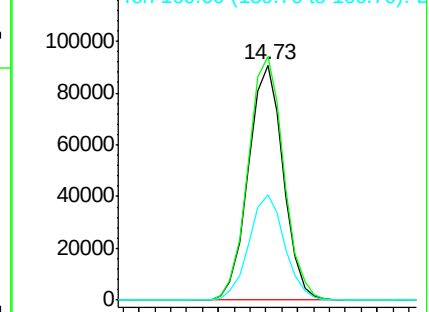
164 100

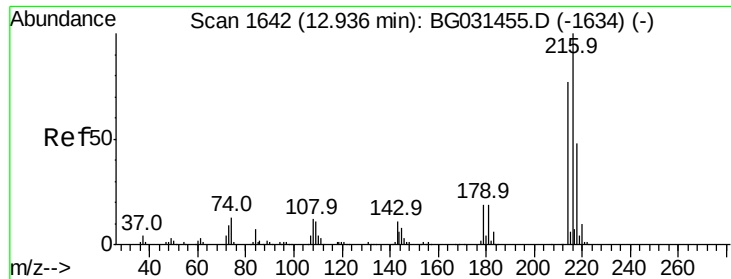
162 103.5 78.8 118.2

160 44.8 35.4 53.0



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

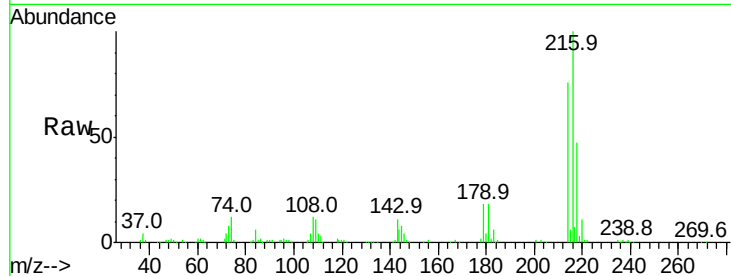




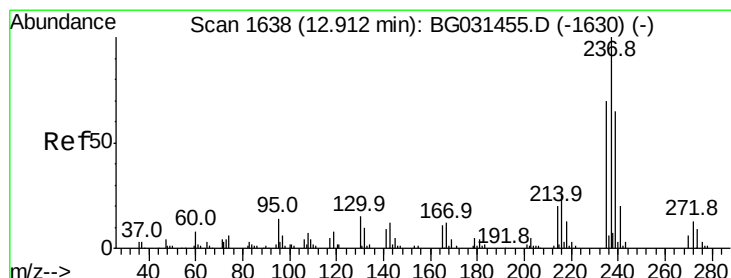
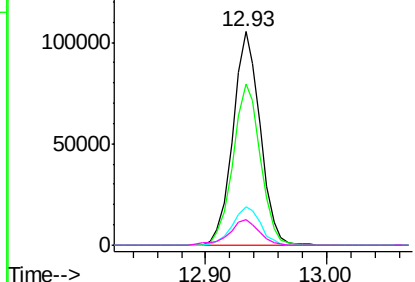
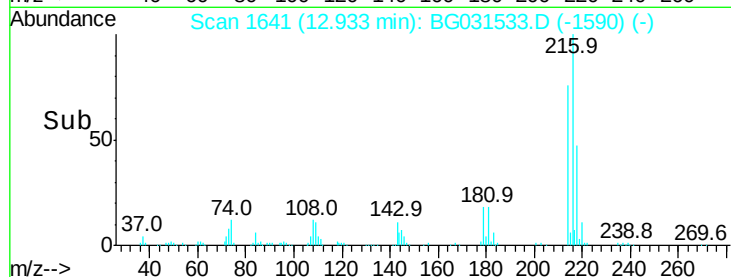
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.530 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	164901
Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.0	94.4
179	18.5	17.0	25.6
108	13.0	12.8	19.2

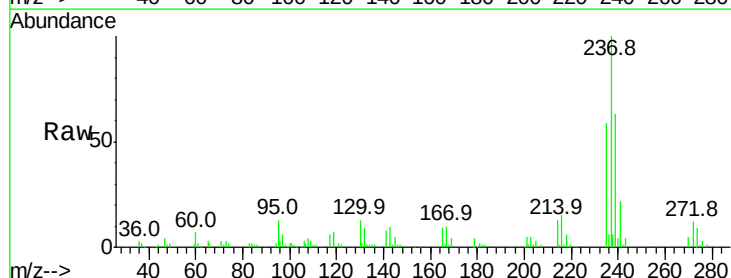


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

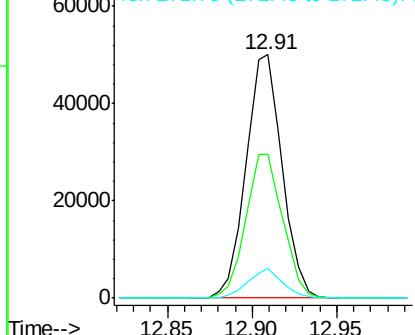
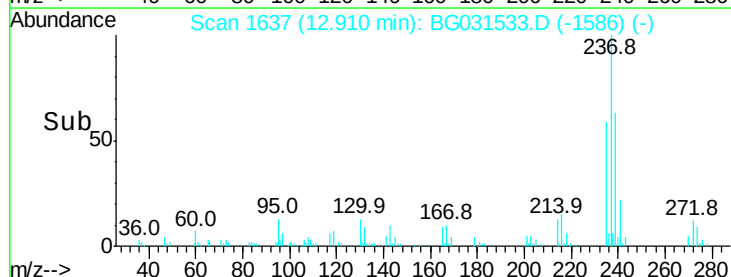


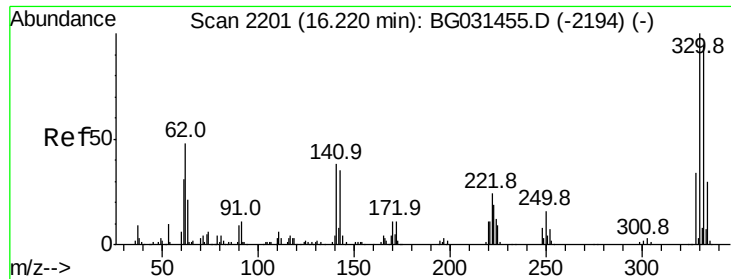
#40
 Hexachlorocyclopentadiene
 Concen: 50.054 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion:	237	Resp:	74188
Ion	Ratio	Lower	Upper
237	100		
235	59.1	50.4	90.4
272	12.3	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

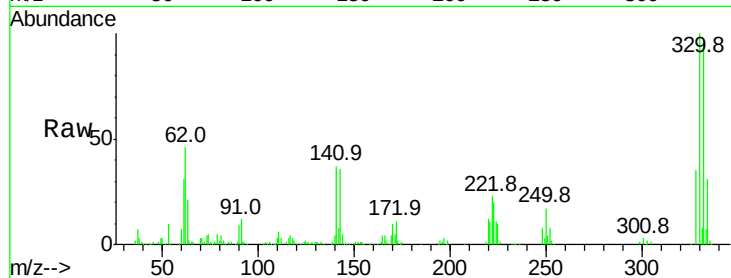




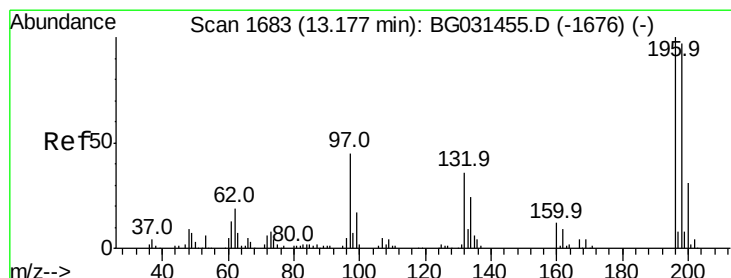
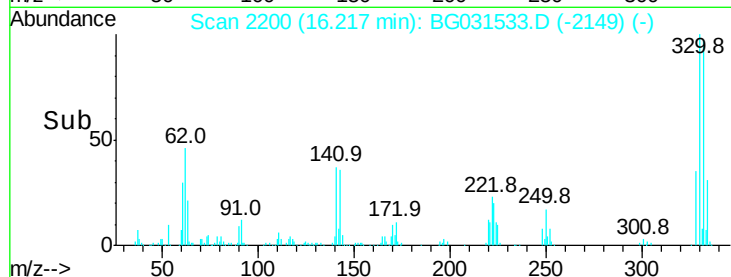
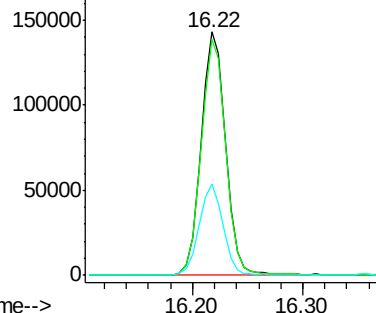
#41
 2,4,6-Tribromophenol
 Concen: 137.492 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 222614
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 36.9 25.2 37.8

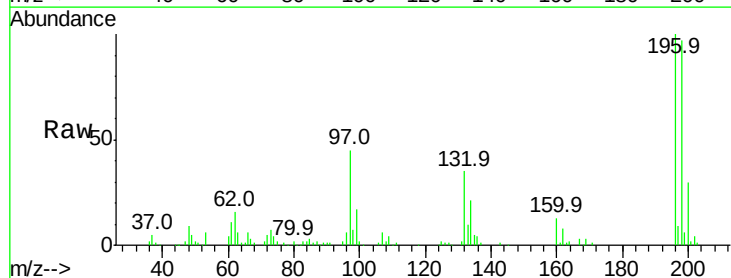


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

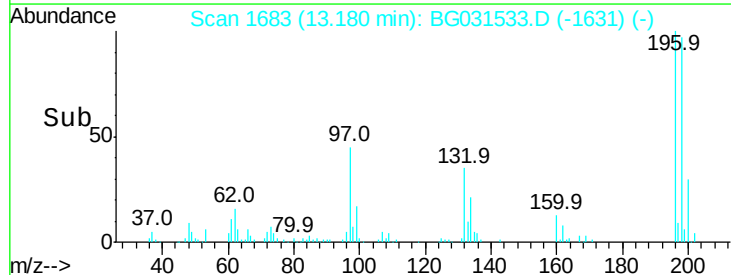
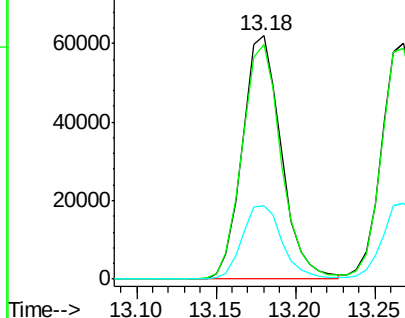


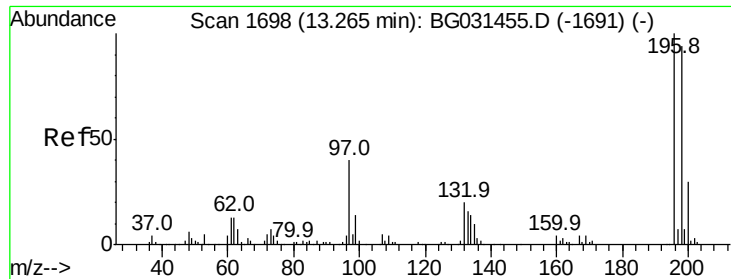
#42
 2,4,6-Trichlorophenol
 Concen: 38.384 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion:196 Resp: 105924
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.2 117.2
 200 30.3 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

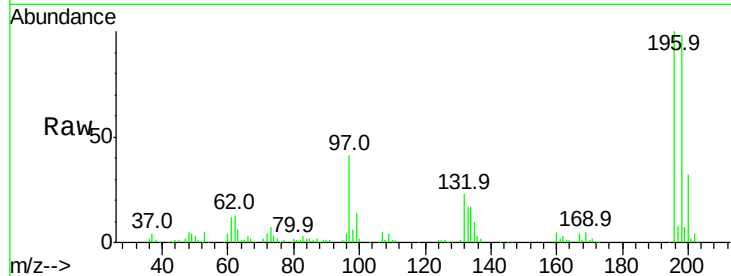




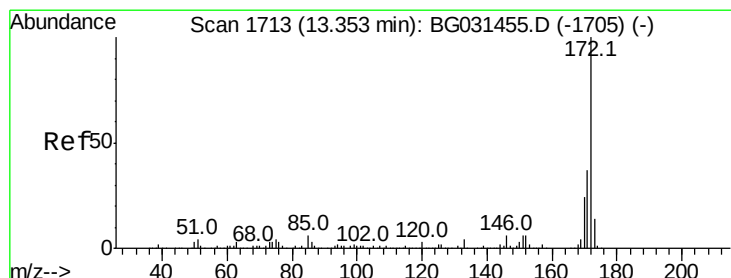
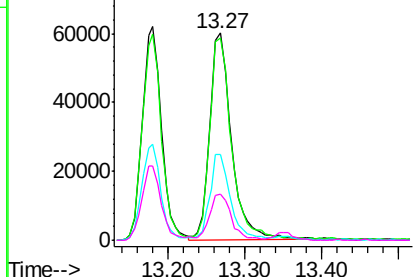
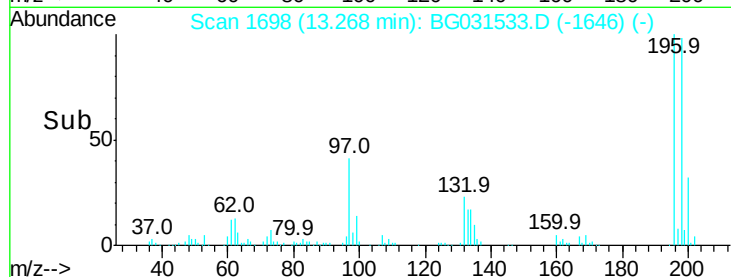
#43
2,4,5-Trichlorophenol
Concen: 39.214 ng
RT: 13.27 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 116570
Ion Ratio Lower Upper
196 100
198 97.7 76.2 114.4
97 41.5 38.7 58.1
132 22.5 20.2 30.2

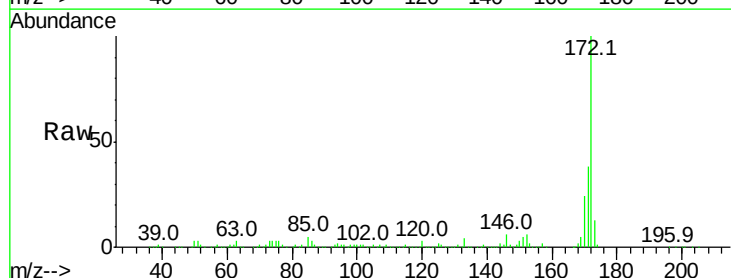


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

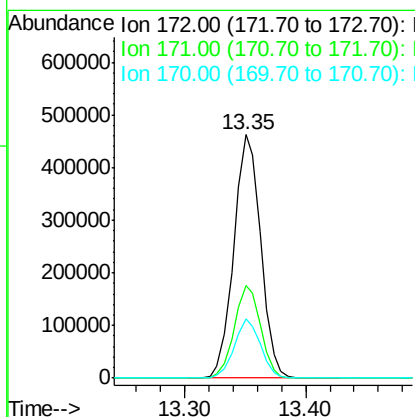
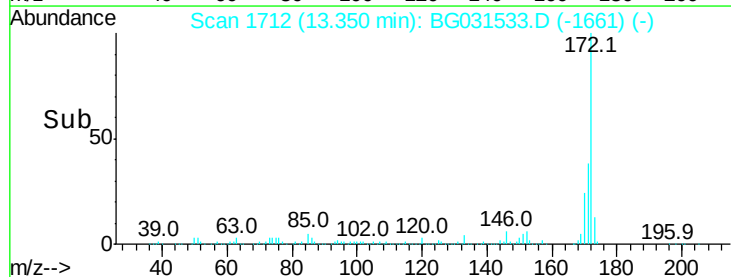


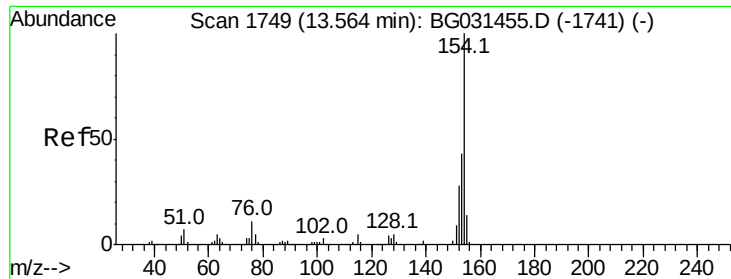
#44
2-Fluorobiphenyl
Concen: 76.110 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:172 Resp: 716596
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 24.4 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

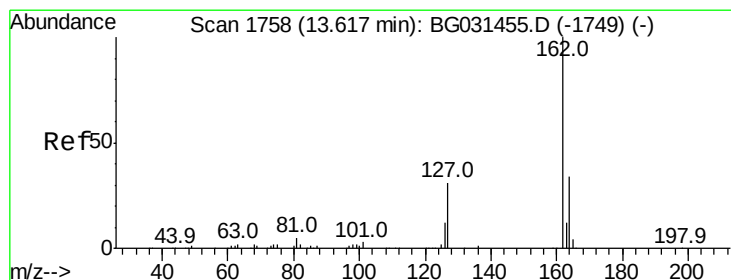
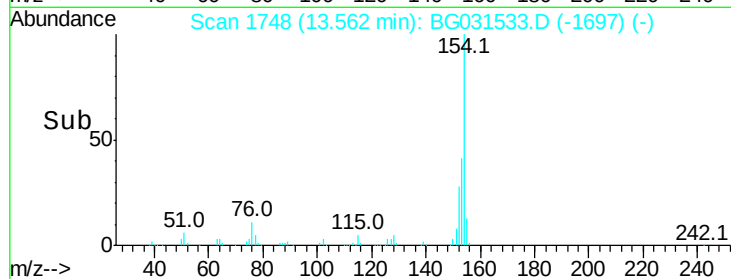
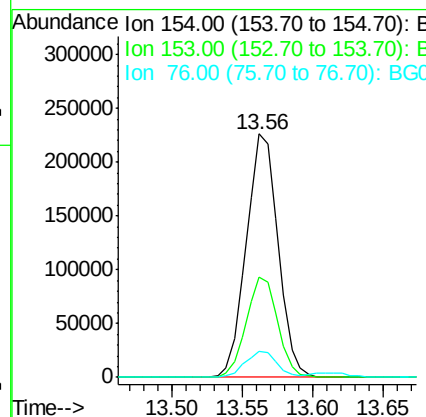
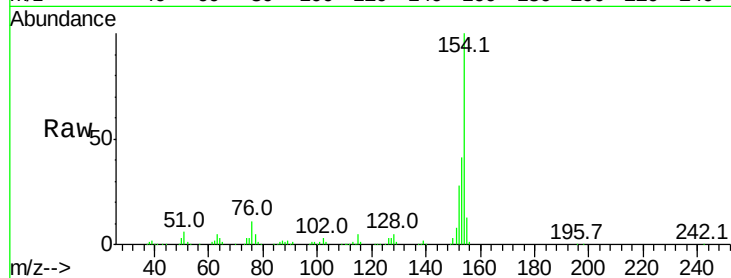




#45
 1,1'-Biphenyl
 Concen: 31.490 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

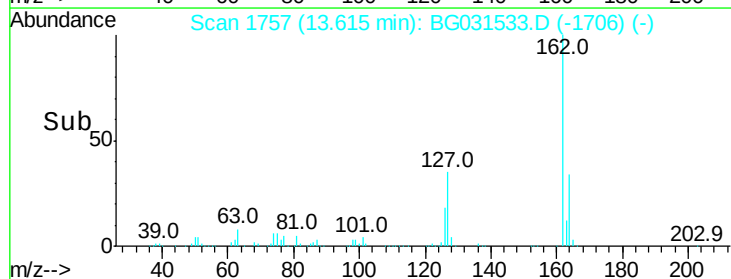
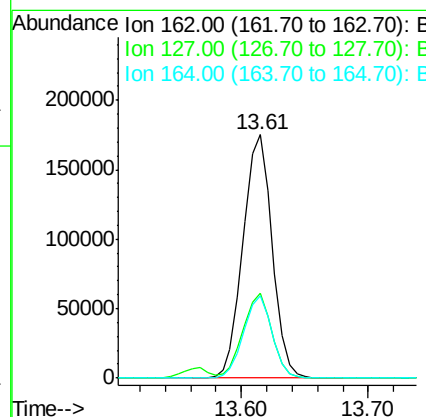
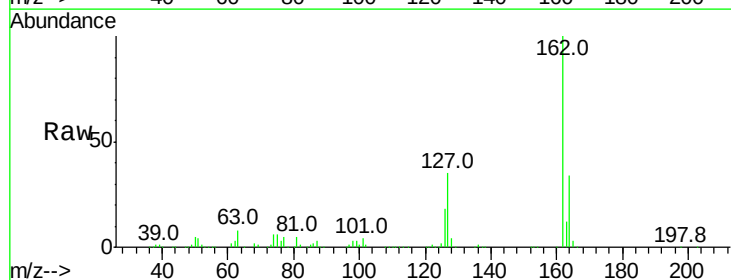
Instrument :
 BNA_G
 ClientSampleId :

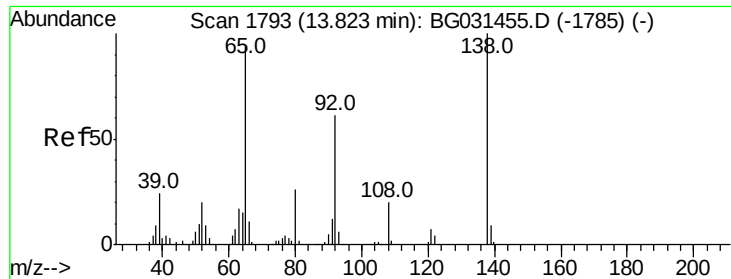
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	10.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 33.665 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.0	30.7	46.1
164	33.6	26.0	39.0





#47

2-Nitroaniline

Concen: 35.606 ng

RT: 13.82 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

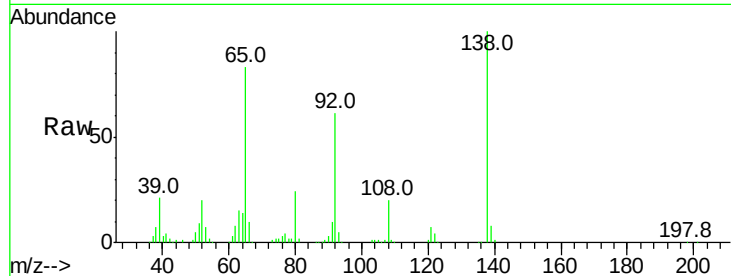
Tot Ion: 65 Resp: 83126

Ion Ratio Lower Upper

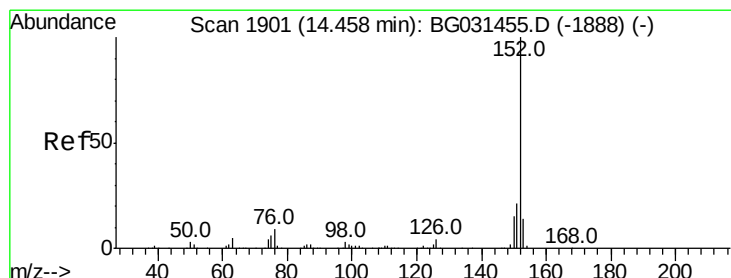
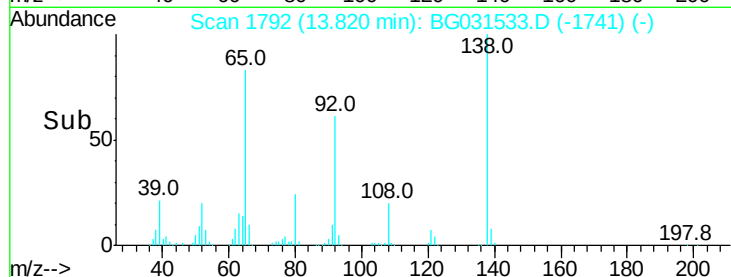
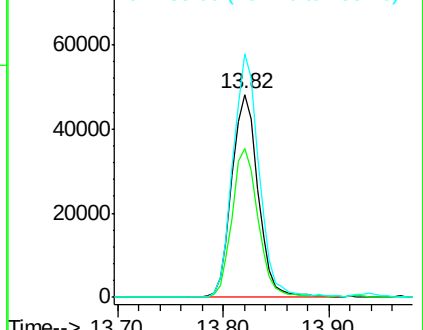
65 100

92 73.2 54.6 82.0

138 120.0 72.9 109.3#



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



#48

Acenaphthylene

Concen: 33.143 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

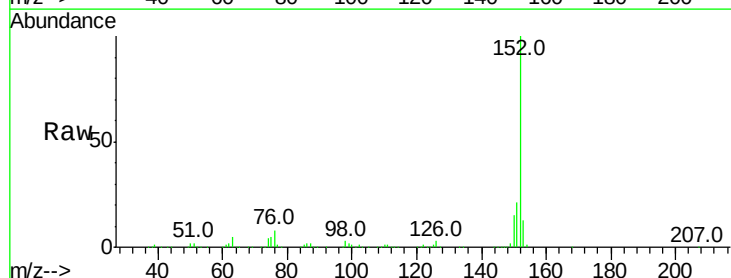
Tgt Ion: 152 Resp: 443059

Ion Ratio Lower Upper

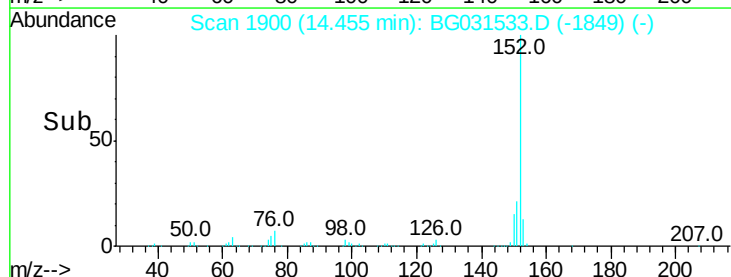
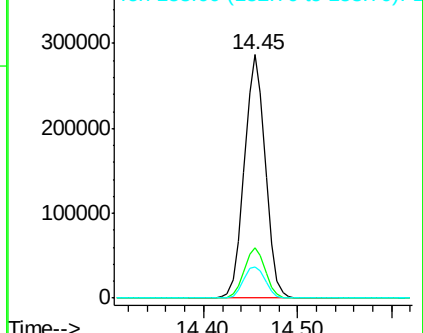
152 100

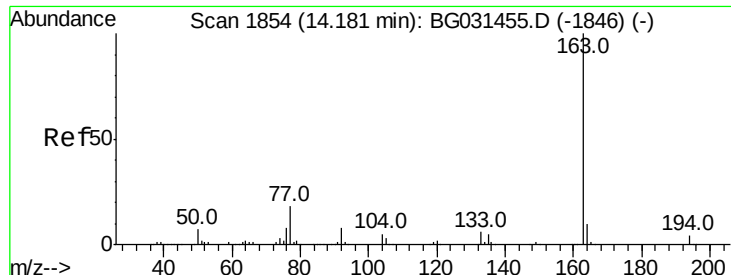
151 20.9 17.2 25.8

153 12.7 10.2 15.4



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





#49

Dimethylphthalate

Concen: 35.526 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

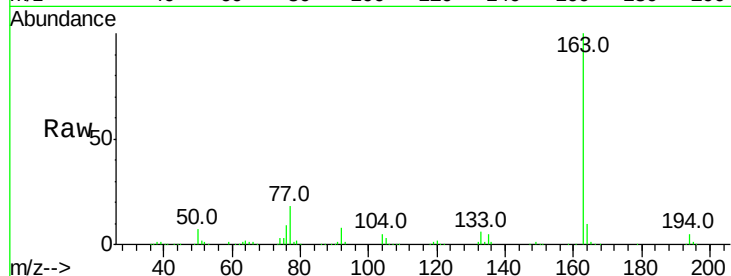
Tot Ion:163 Resp: 406482

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

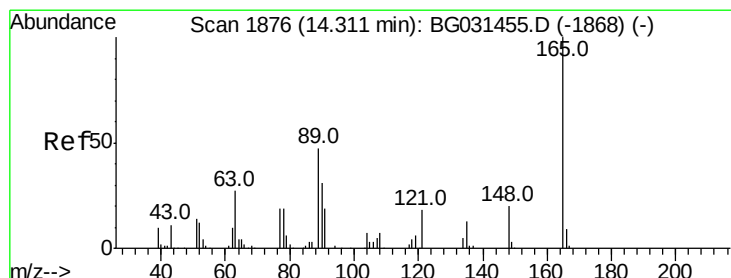
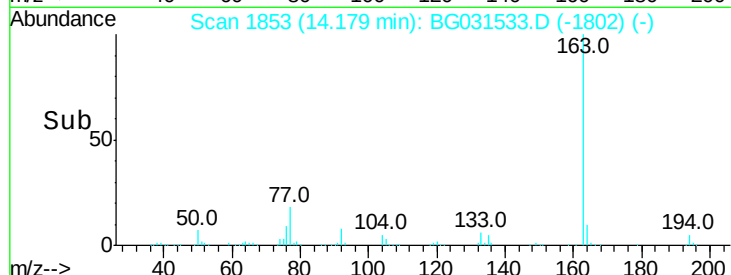
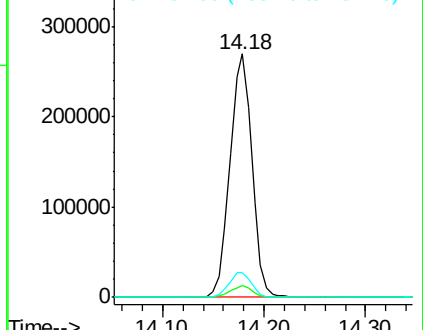
164 10.3 8.2 12.4



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: 37.544 ng

RT: 14.31 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

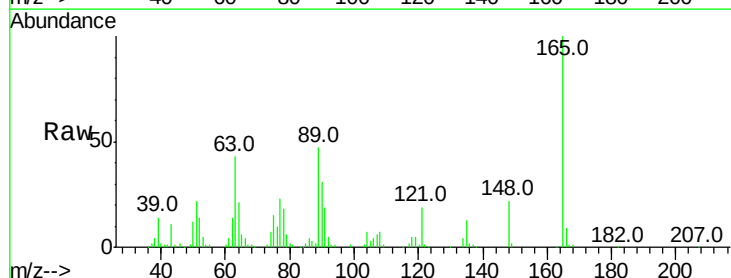
Tgt Ion:165 Resp: 91819

Ion Ratio Lower Upper

165 100

63 43.5 52.7 79.1#

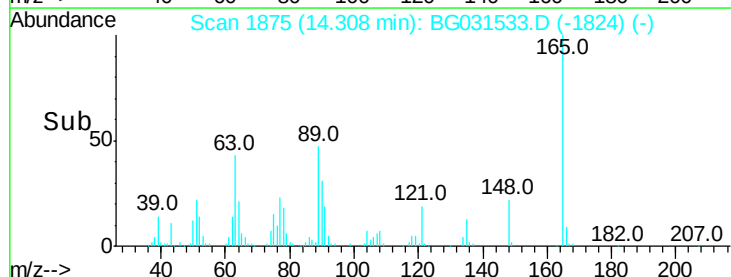
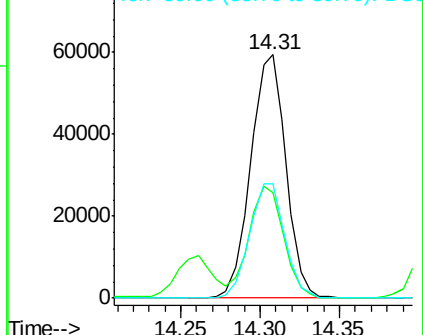
89 47.0 49.2 73.8#

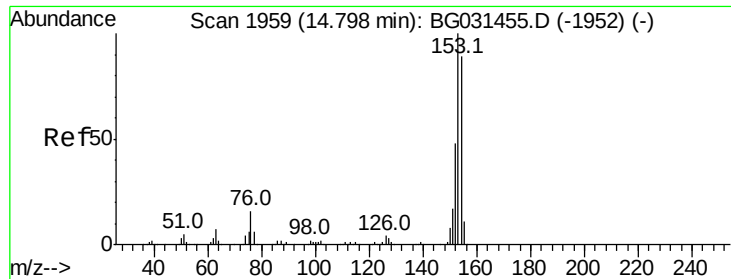


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 32.270 ng

RT: 14.80 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

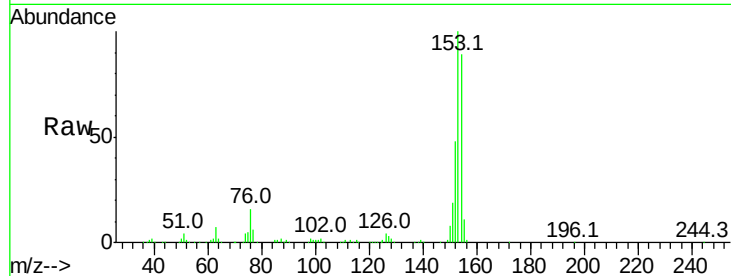
Tot Ion:154 Resp: 272771

Ion Ratio Lower Upper

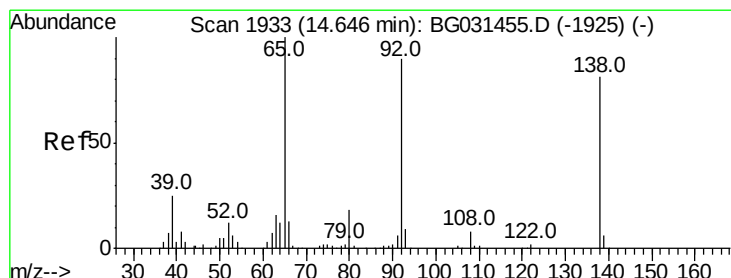
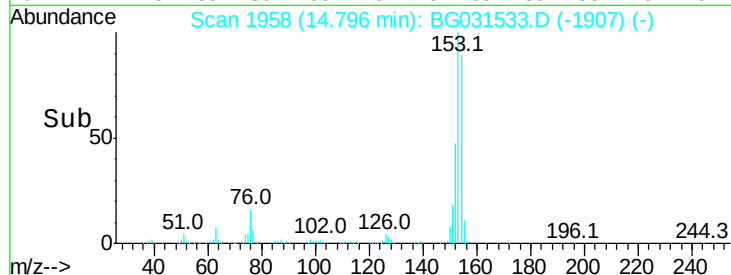
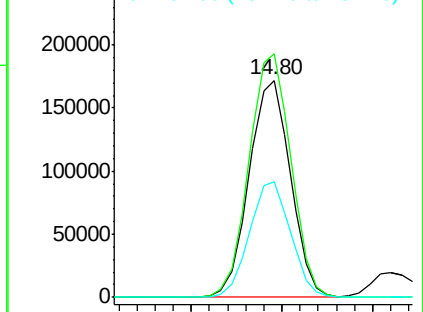
154 100

153 112.3 90.4 135.6

152 53.4 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: 6.267 ng

RT: 14.65 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

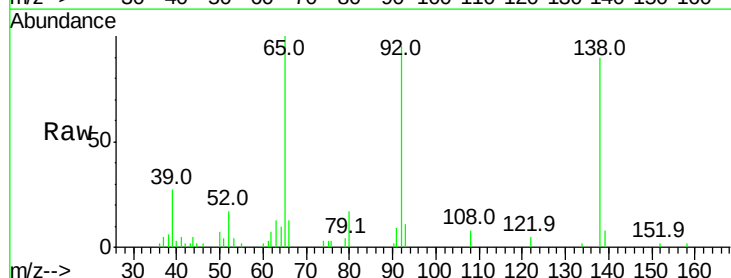
Tgt Ion:138 Resp: 15623

Ion Ratio Lower Upper

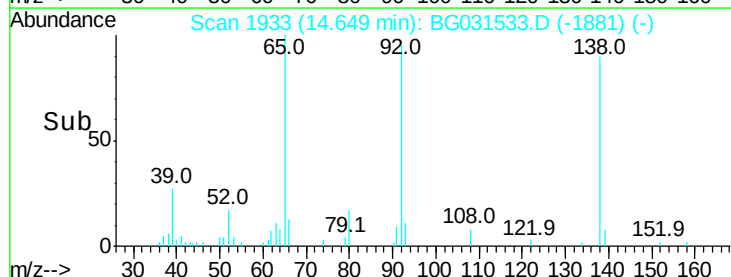
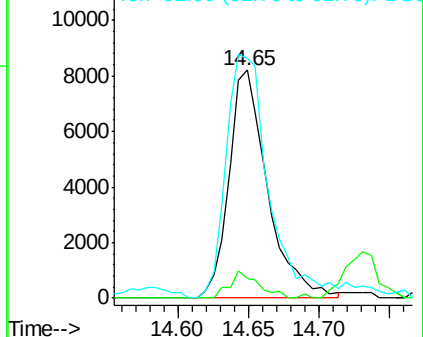
138 100

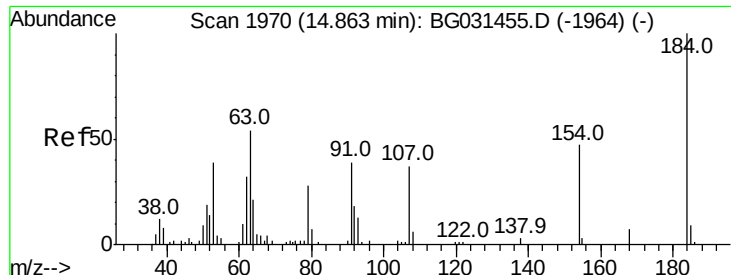
108 8.9 17.5 26.3#

92 105.2 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG

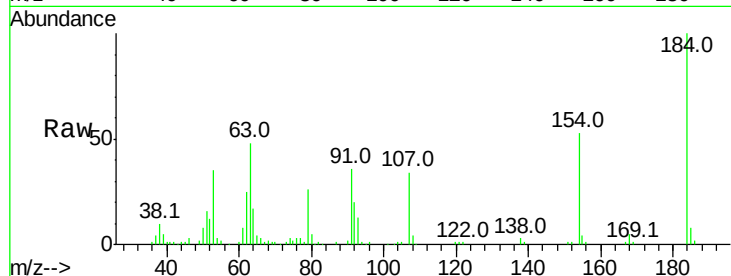




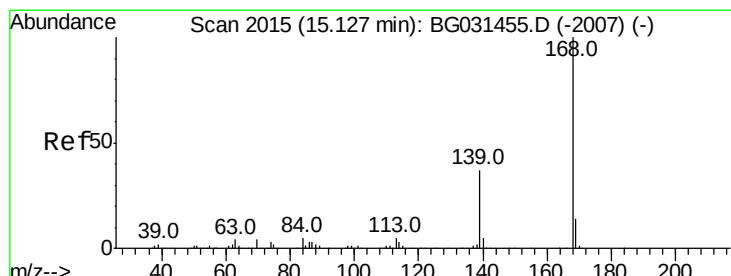
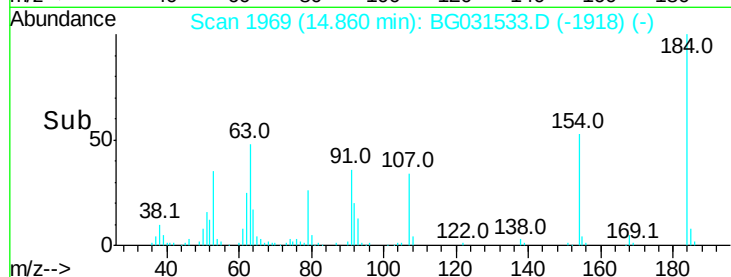
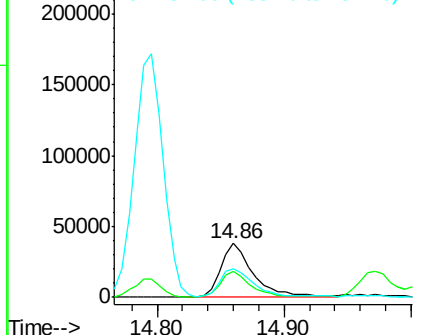
#53
 2,4-Dinitrophenol
 Concen: 68.708 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 68652
 Ion Ratio Lower Upper
 184 100
 63 47.6 59.8 89.8#
 154 52.9 101.8 152.8#

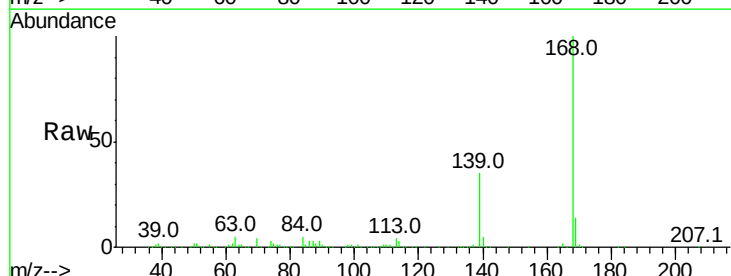


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

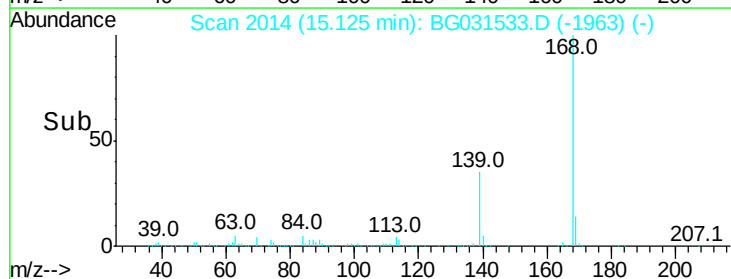
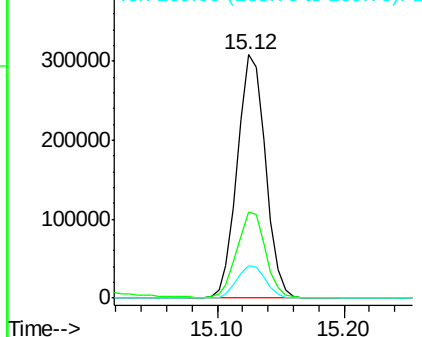


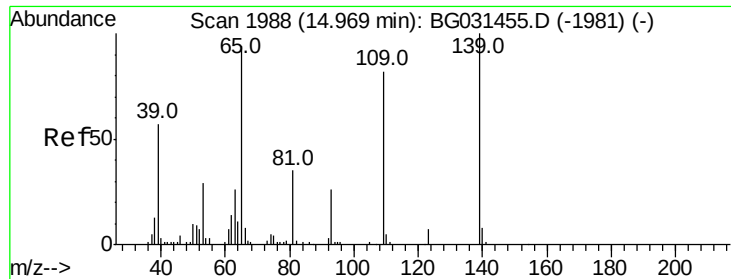
#54
 Dibenzofuran
 Concen: 35.166 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion:168 Resp: 474347
 Ion Ratio Lower Upper
 168 100
 139 35.3 28.6 43.0
 169 13.5 11.2 16.8



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

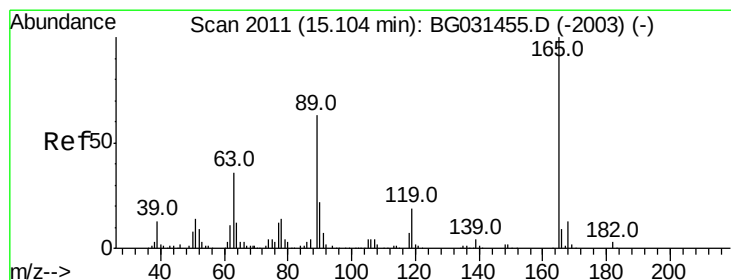
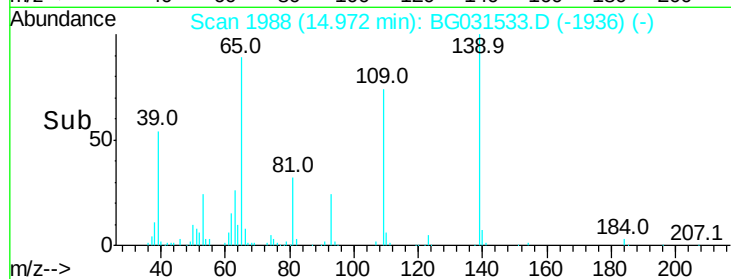
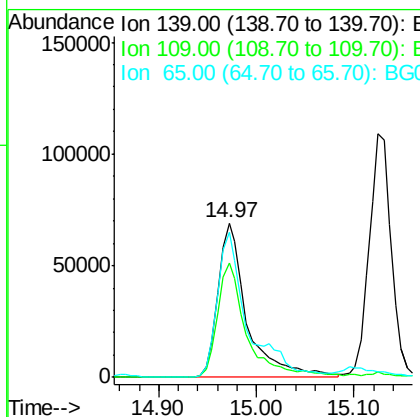
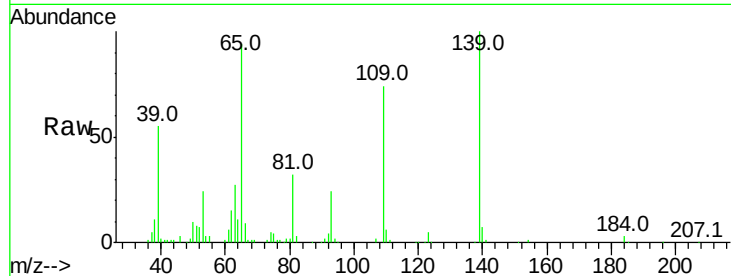




#55
4-Nitrophenol
Concen: 84.512 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

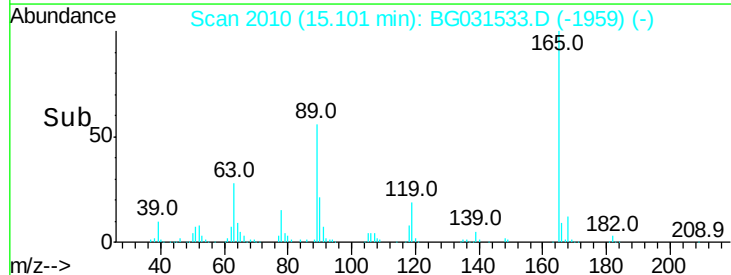
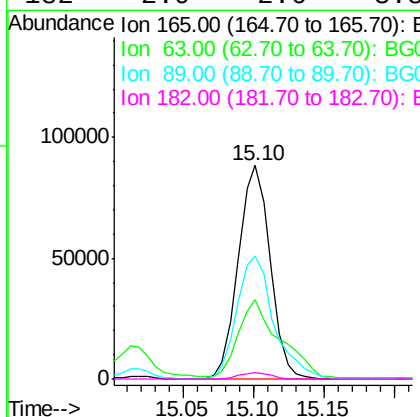
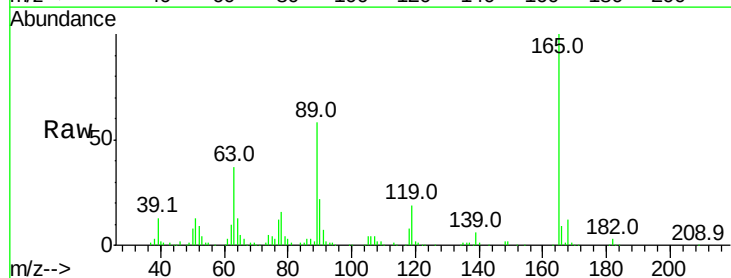
Instrument :
BNA_G
ClientSampled :

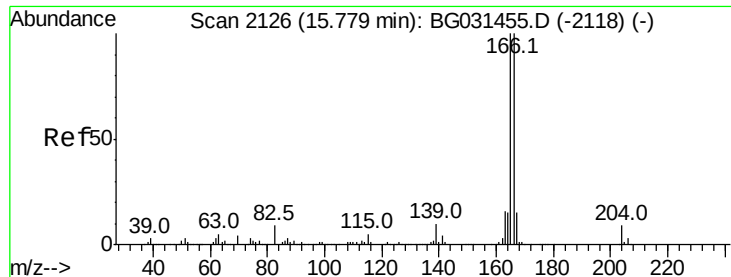
Tot Ion:139 Resp: 142716
Ion Ratio Lower Upper
139 100
109 74.1 62.2 102.2
65 94.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 40.238 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:165 Resp: 139772
Ion Ratio Lower Upper
165 100
63 37.3 42.0 63.0#
89 57.6 66.9 100.3#
182 2.9 2.6 3.8





#57

Fluorene

Concen: 35.642 ng

RT: 15.78 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

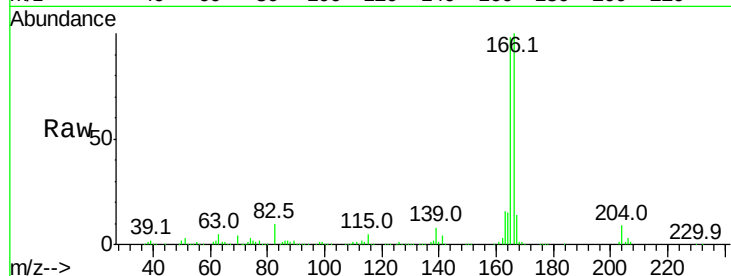
Tot Ion:166 Resp: 385220

Ion Ratio Lower Upper

166 100

165 98.0 80.6 121.0

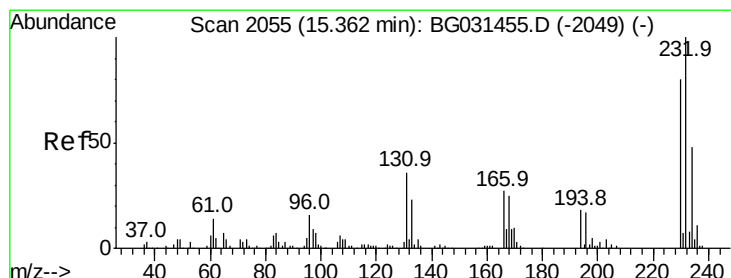
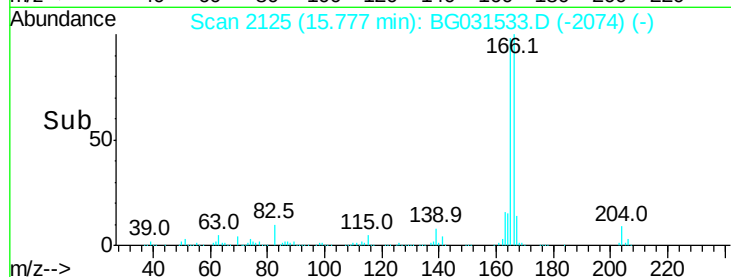
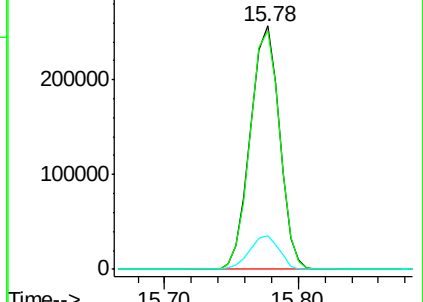
167 14.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.892 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:232 Resp: 119846

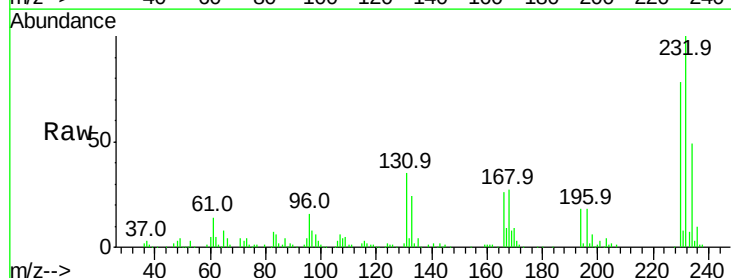
Ion Ratio Lower Upper

232 100

131 34.8 33.5 50.3

130 2.1 2.2 3.2#

166 25.8 24.8 37.2

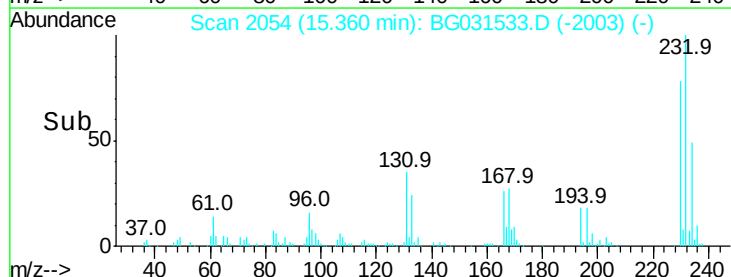
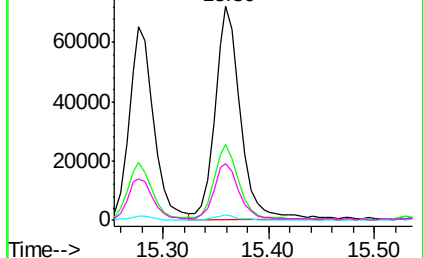


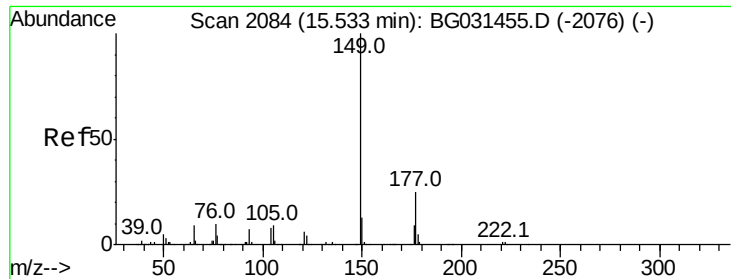
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

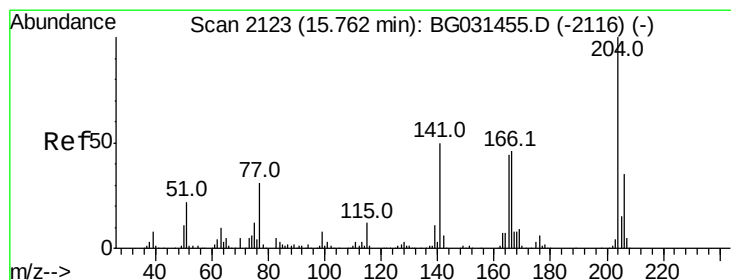
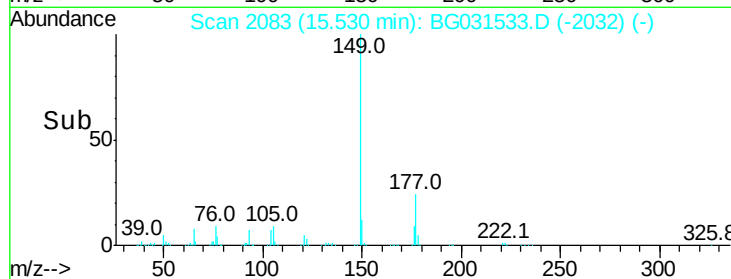
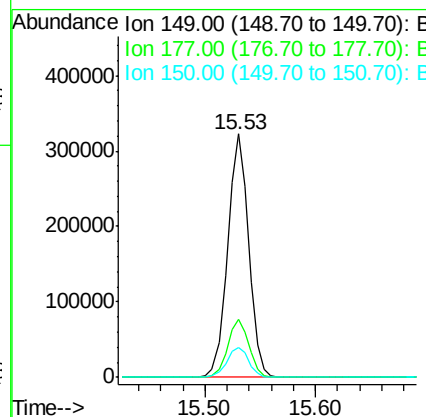
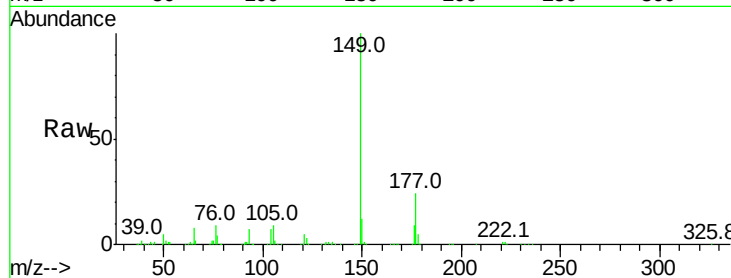




#59
Diethylphthalate
Concen: 37.235 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

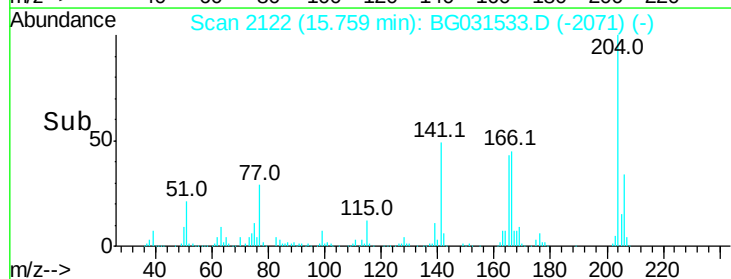
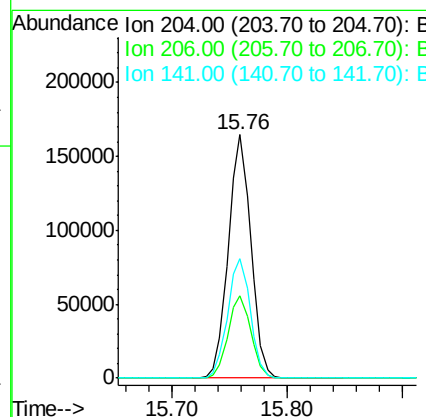
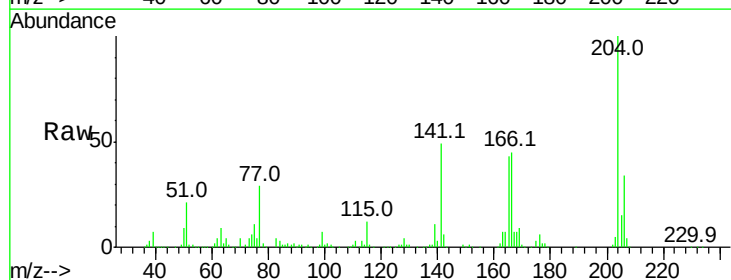
Instrument :
BNA_G
ClientSampleId :

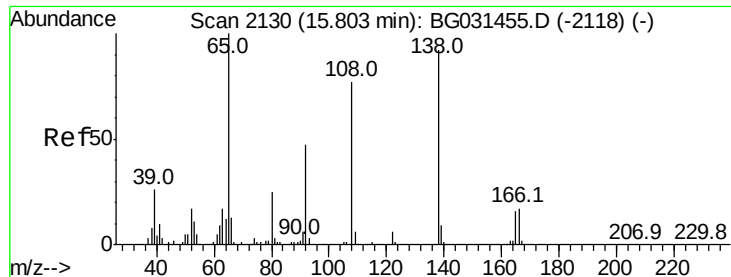
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	12.3	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 33.657 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	49.3	45.8	68.6

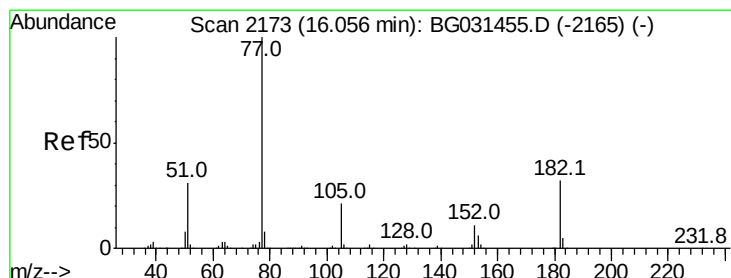
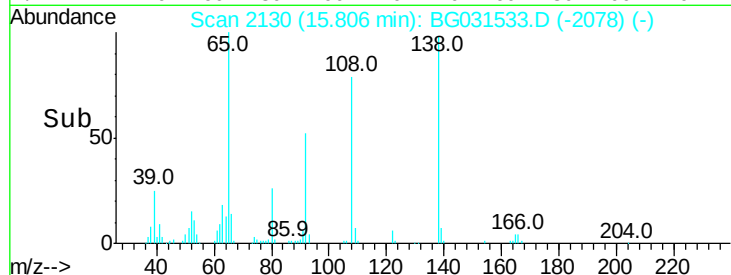
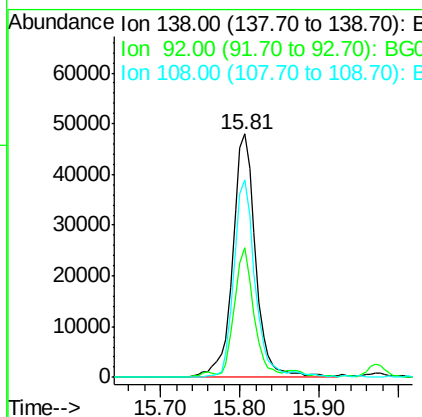
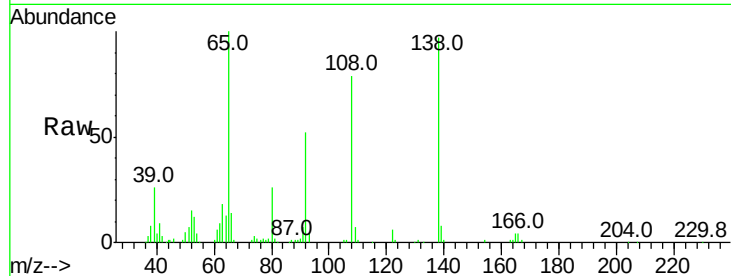




#61
4-Nitroaniline
Concen: 36.804 ng
RT: 15.81 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

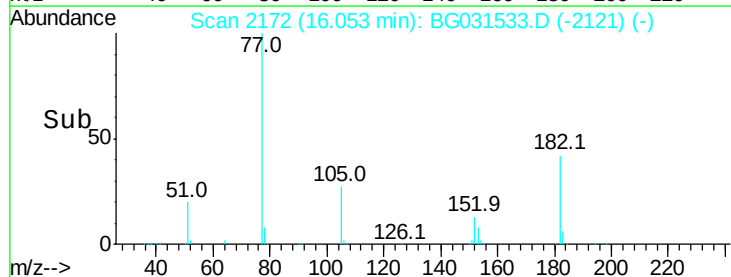
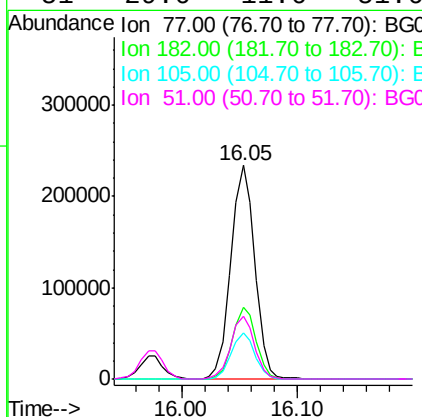
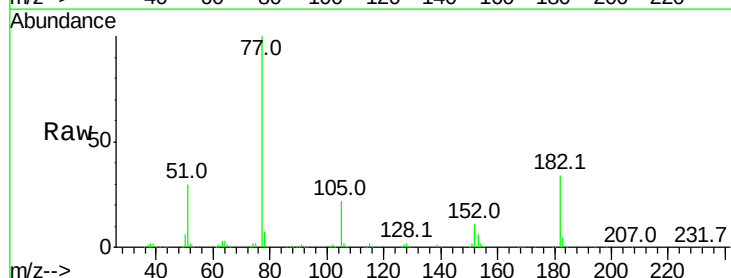
Instrument :
BNA_G
ClientSampleId :

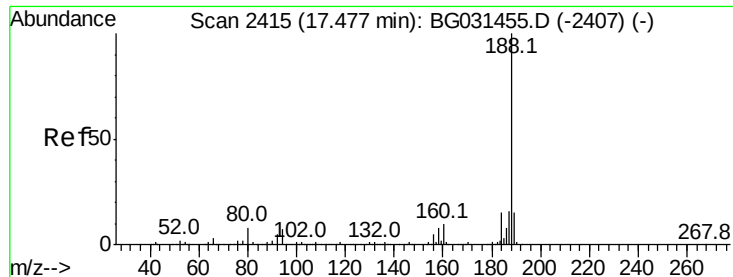
Tot Ion:138 Resp: 96286
Ion Ratio Lower Upper
138 100
92 53.2 40.1 80.1
108 80.9 65.4 105.4



#62
Azobenzene
Concen: 35.183 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion: 77 Resp: 334261
Ion Ratio Lower Upper
77 100
182 33.6 7.4 47.4
105 21.8 0.3 40.3
51 29.6 11.6 51.6

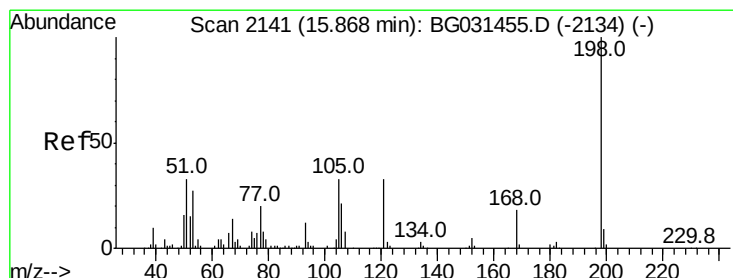
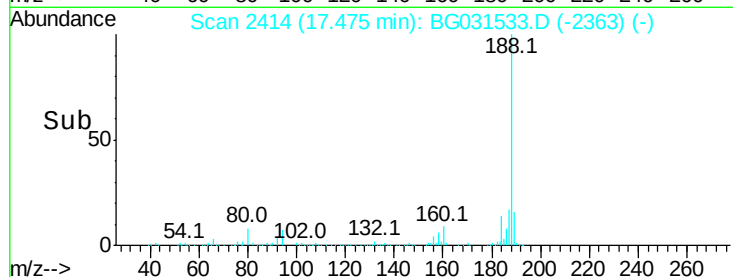
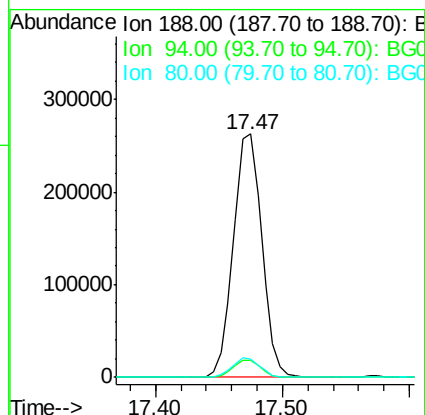
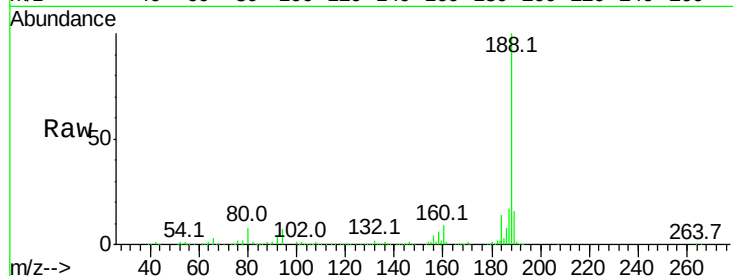




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

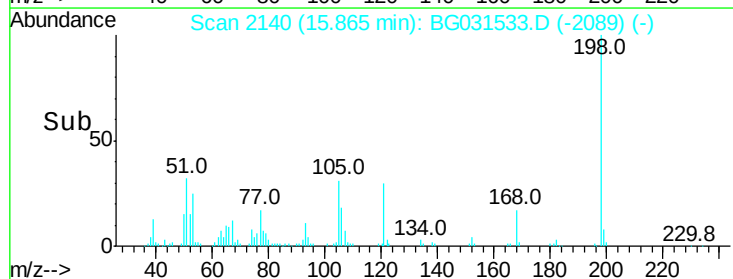
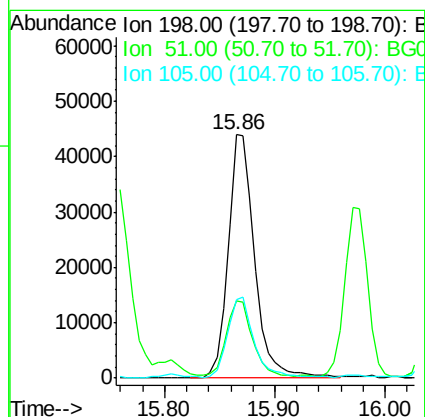
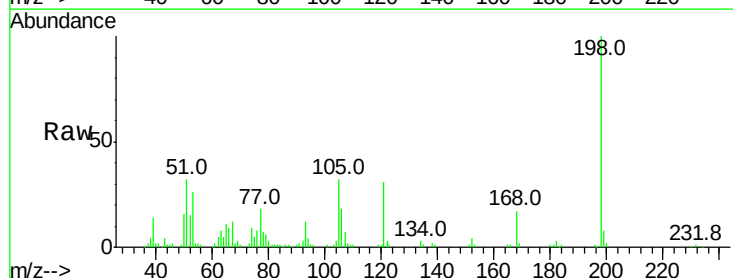
Instrument :
BNA_G
ClientSampleId :

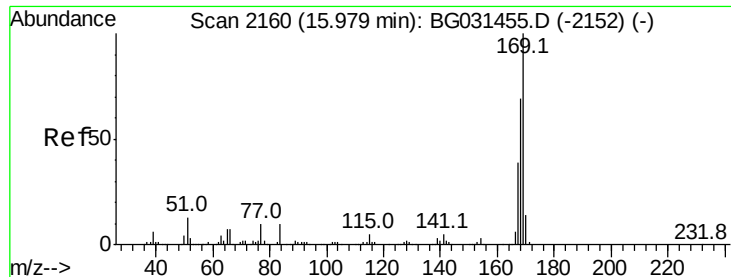
Tot Ion:188 Resp: 406811
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.8 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 31.867 ng
RT: 15.86 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:198 Resp: 73941
Ion Ratio Lower Upper
198 100
51 31.6 30.6 70.6
105 32.3 23.8 63.8

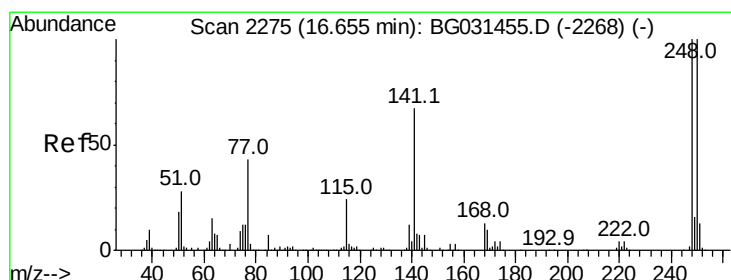
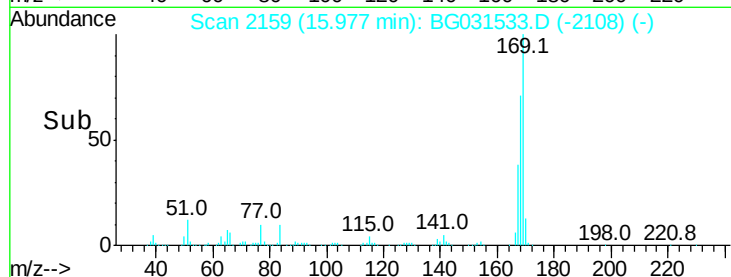
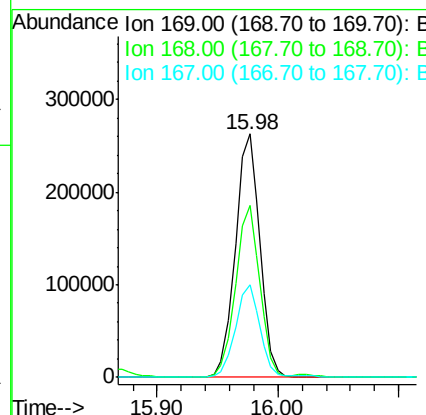
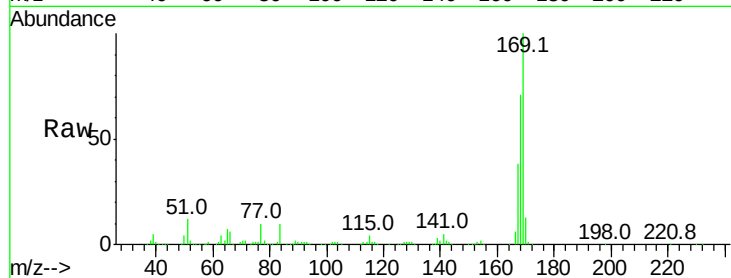




#65
n-Nitrosodiphenylamine
Concen: 31.160 ng
RT: 15.98 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

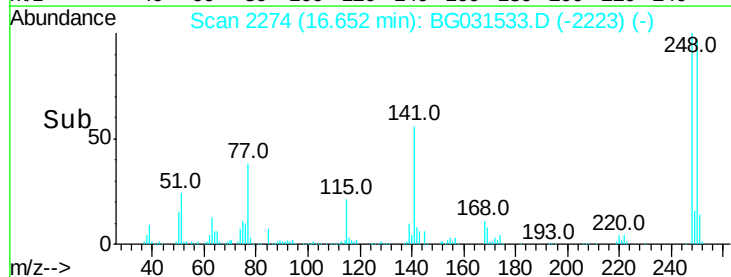
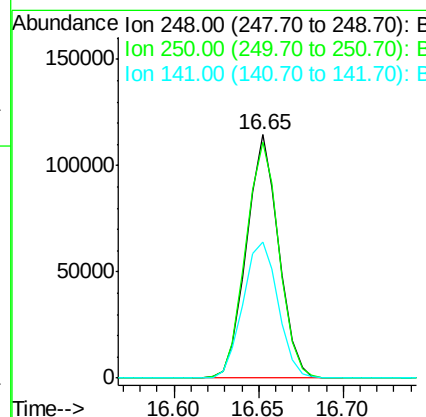
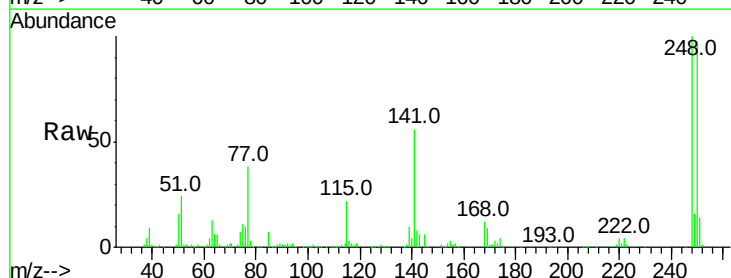
Instrument :
BNA_G
ClientSampleId :

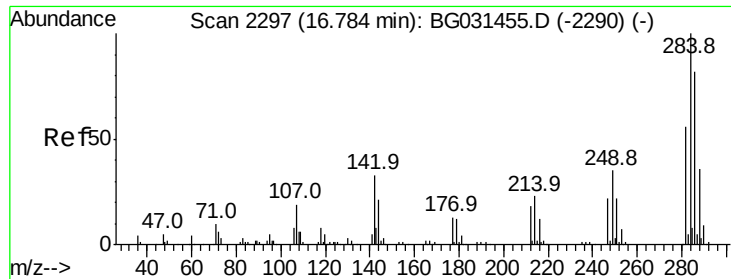
Tot Ion:169 Resp: 371036
Ion Ratio Lower Upper
169 100
168 70.9 55.7 83.5
167 38.0 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 32.144 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:248 Resp: 152058
Ion Ratio Lower Upper
248 100
250 96.9 77.1 115.7
141 55.9 50.8 76.2





#67

Hexachlorobenzene

Concen: 31.887 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampled :

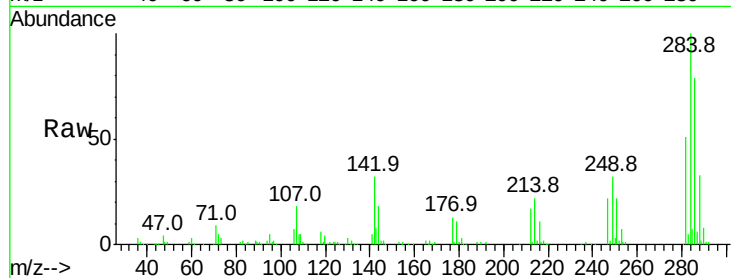
Tot Ion:284 Resp: 155764

Ion Ratio Lower Upper

284 100

142 31.7 26.8 40.2

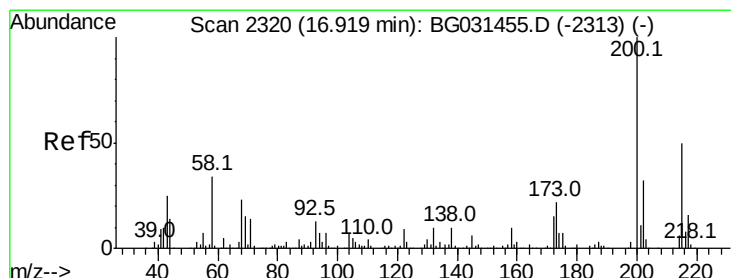
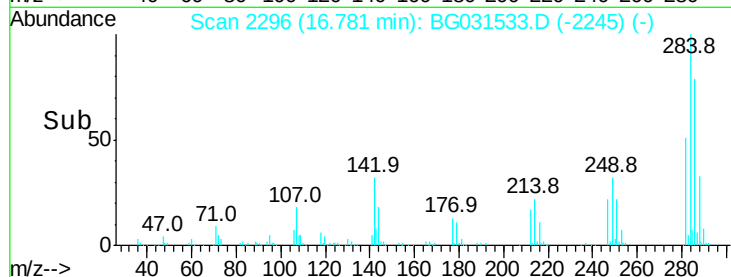
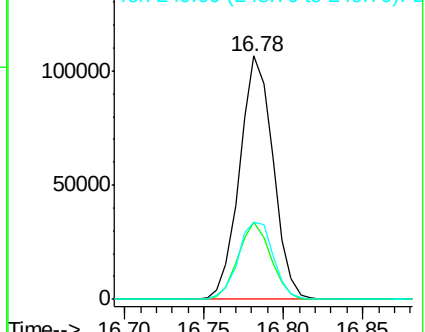
249 31.7 26.3 39.5



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: 38.922 ng

RT: 16.92 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

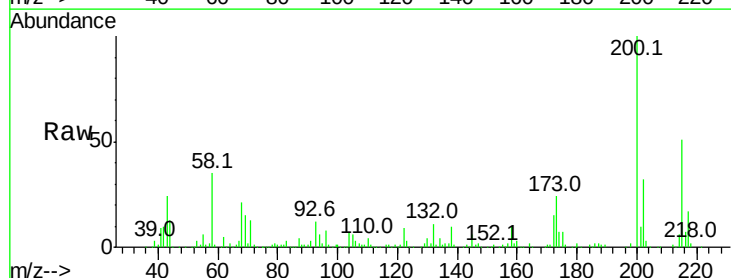
Tgt Ion:200 Resp: 169465

Ion Ratio Lower Upper

200 100

173 23.5 5.2 45.2

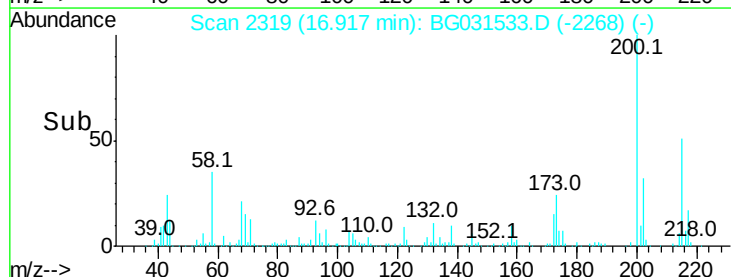
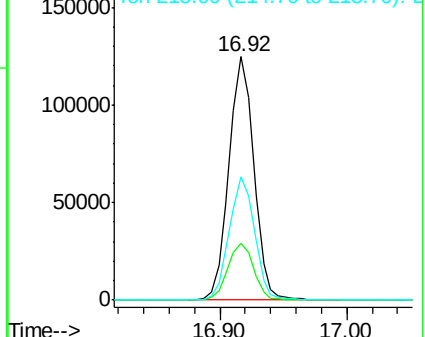
215 50.7 30.4 70.4

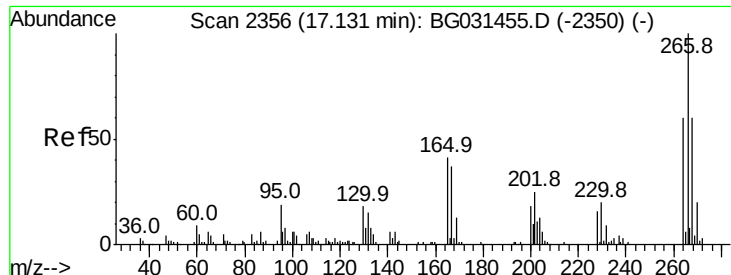


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

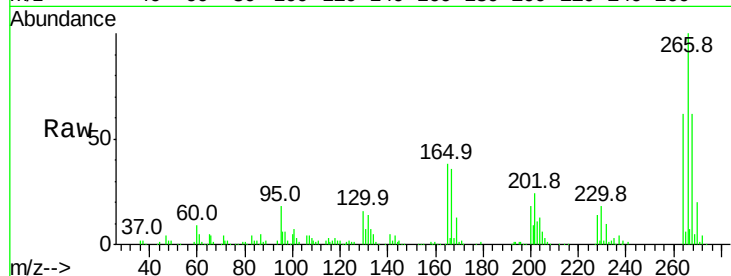




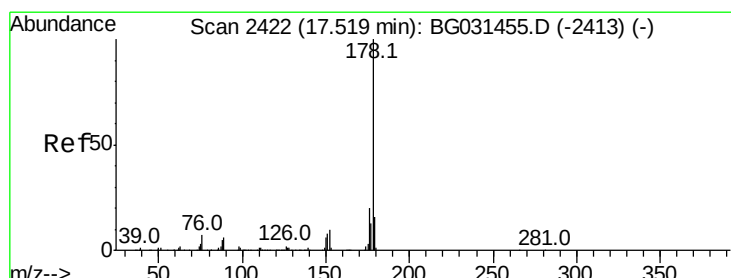
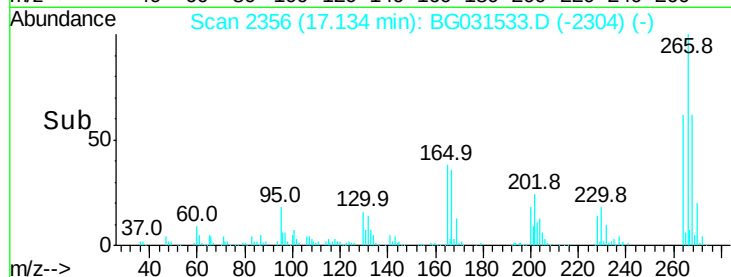
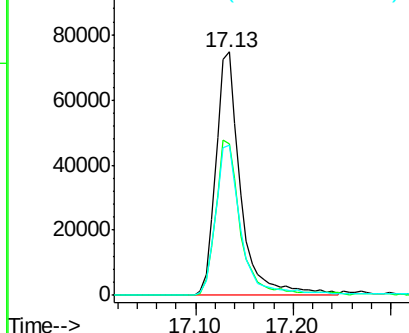
#69
 Pentachlorophenol
 Concen: 57.673 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	61.8	49.6	74.4

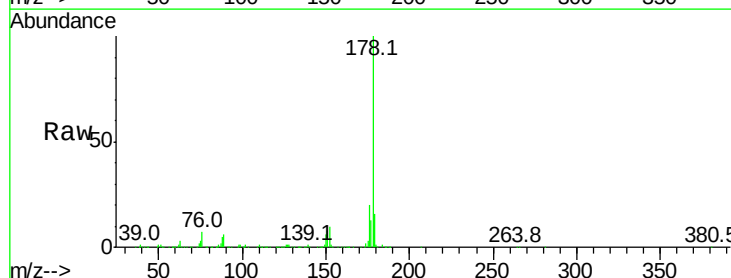


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

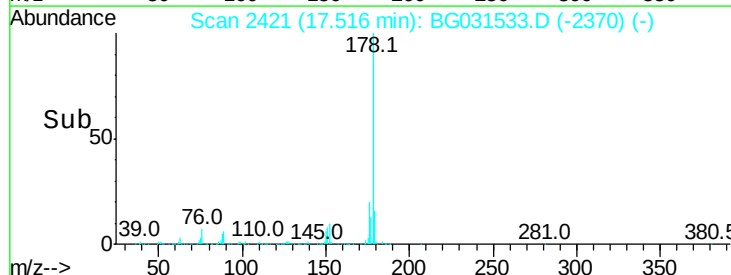
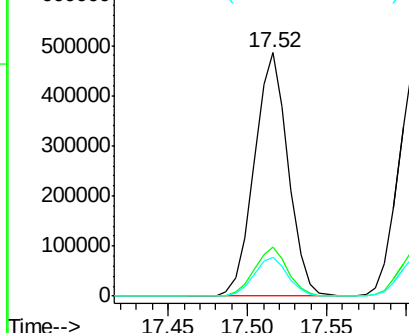


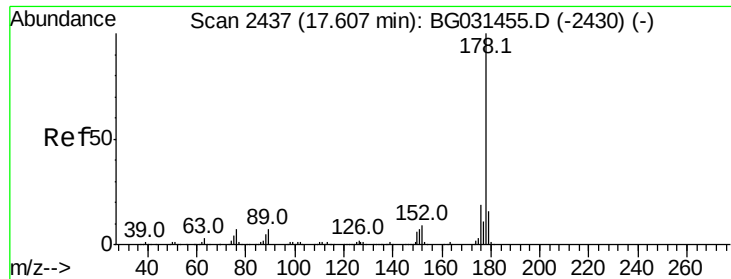
#70
 Phenanthrene
 Concen: 33.845 ng
 RT: 17.52 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.8	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: 35.350 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

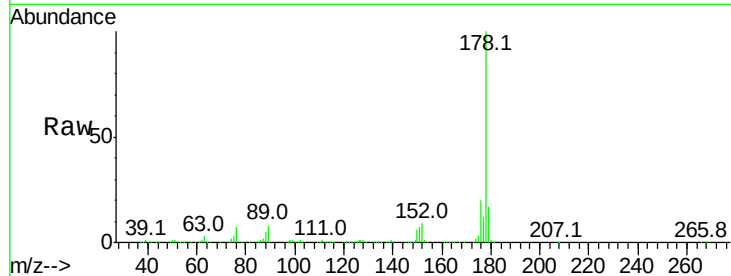
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 742806

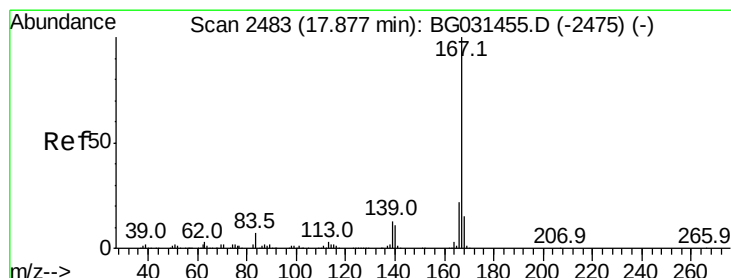
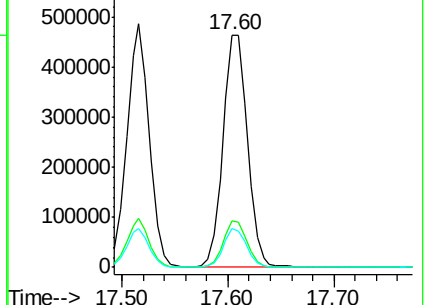
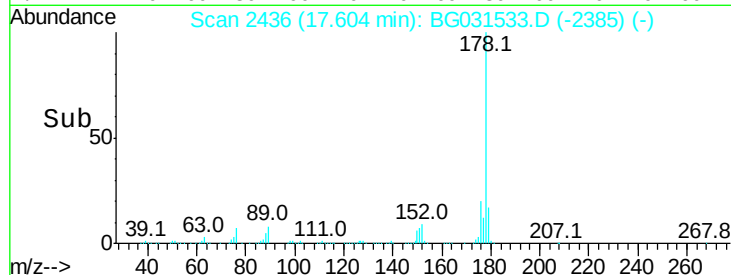
Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.6	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.317 ng

RT: 17.87 min Scan# 2482

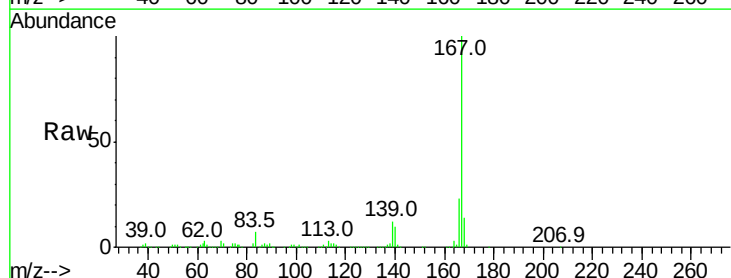
Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Tgt Ion:167 Resp: 709602

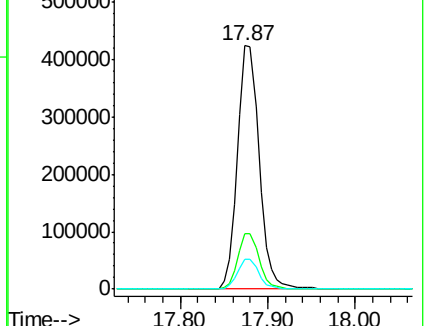
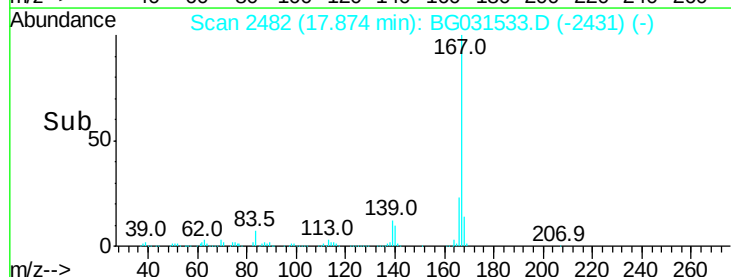
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	12.3	9.4	14.2

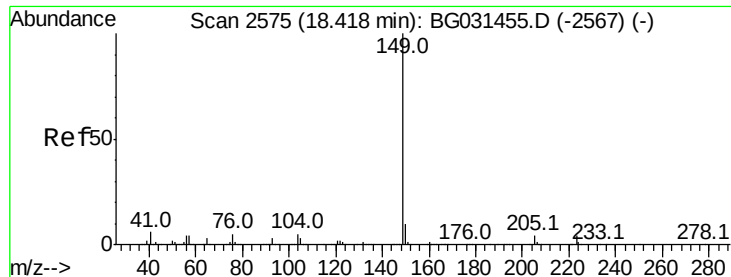


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.305 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

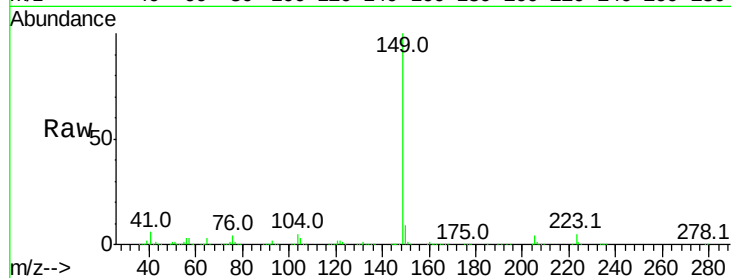
Tot Ion:149 Resp: 841164

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

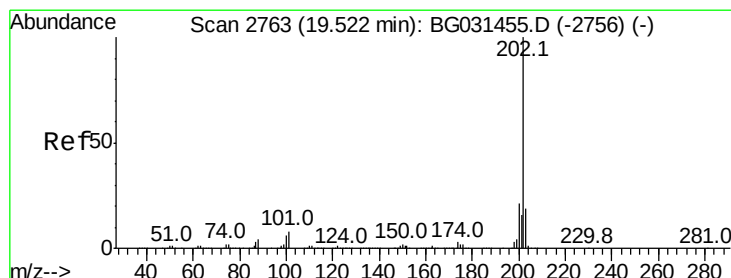
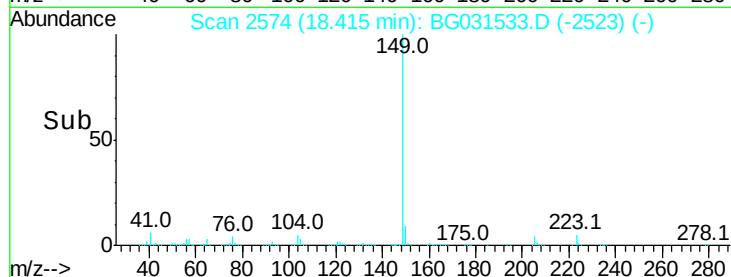
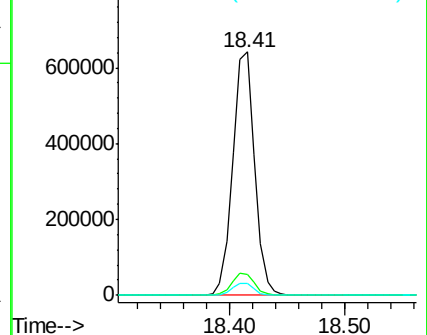
104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.500 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

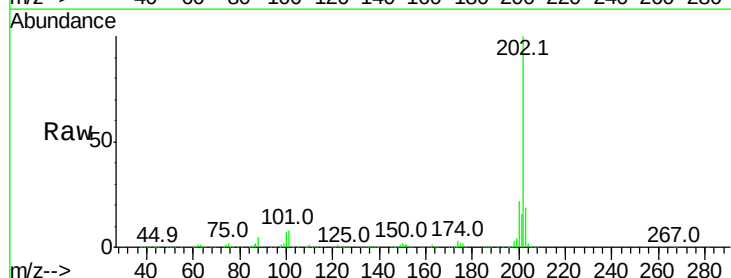
Tgt Ion:202 Resp: 997100

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.9

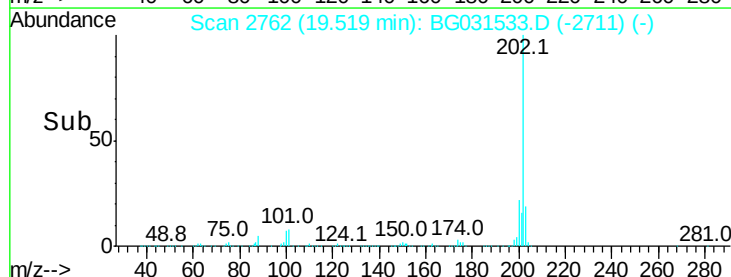
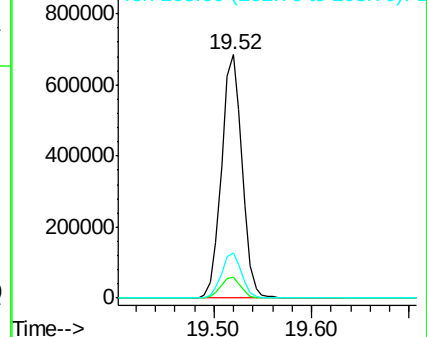
203 18.7 0.0 37.5

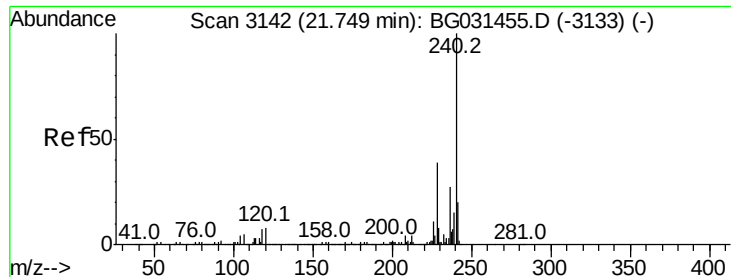


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

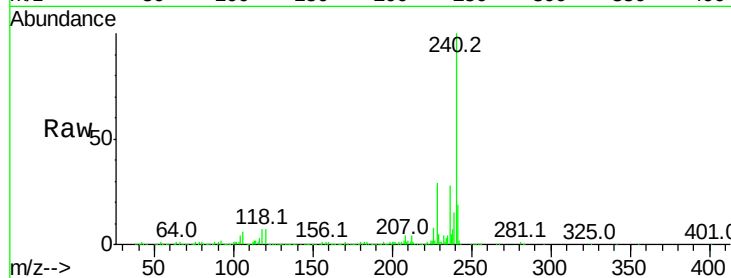
Tot Ion:240 Resp: 475245

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

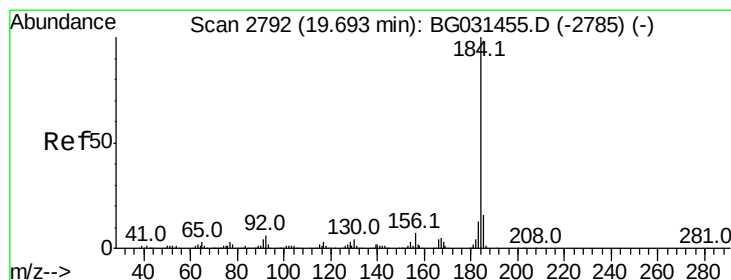
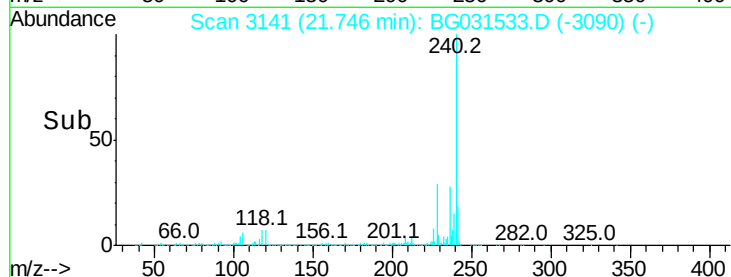
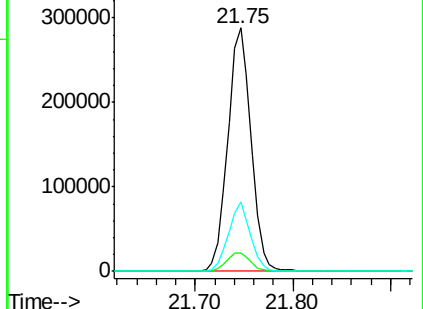
236 28.5 20.9 31.3



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: 9.274 ng

RT: 19.72 min Scan# 2796

Delta R.T. 0.03 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

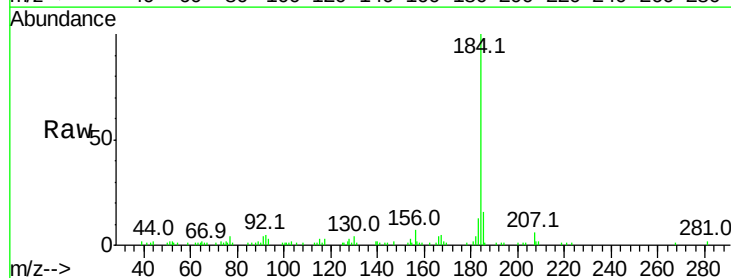
Tgt Ion:184 Resp: 102566

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

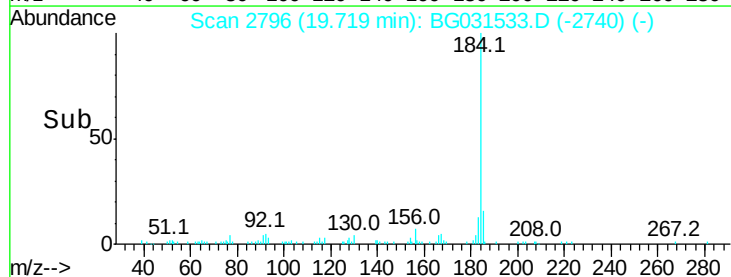
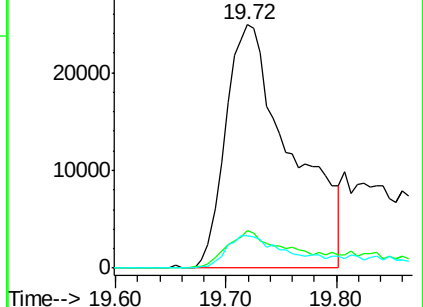
183 13.1 10.6 16.0

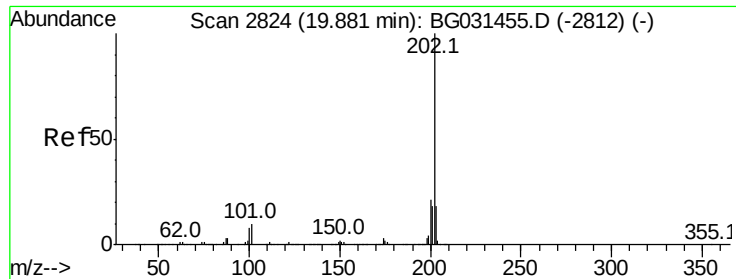


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.820 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

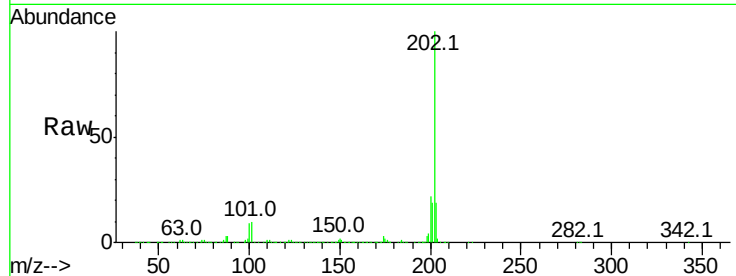
Tot Ion:202 Resp: 1028224

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

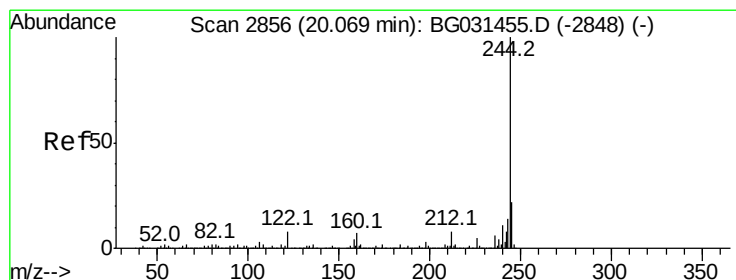
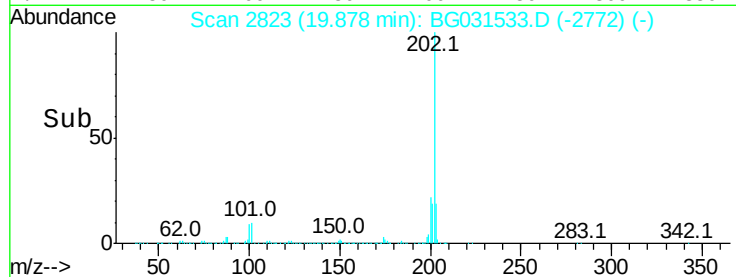
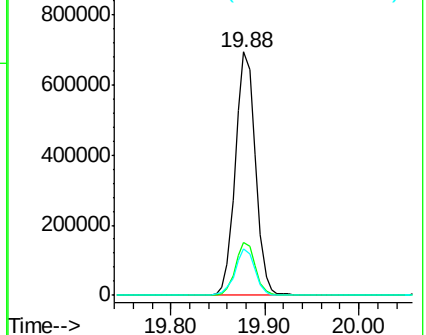
203 19.0 13.9 20.9



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: 77.265 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

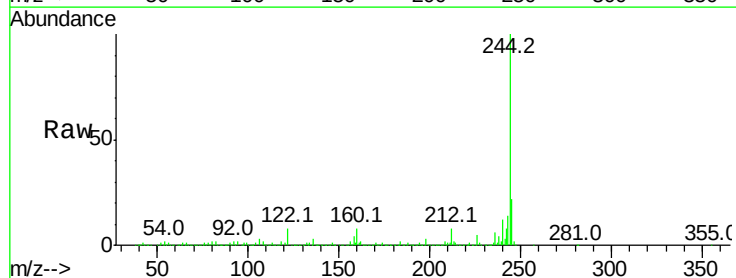
Tgt Ion:244 Resp: 1613936

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

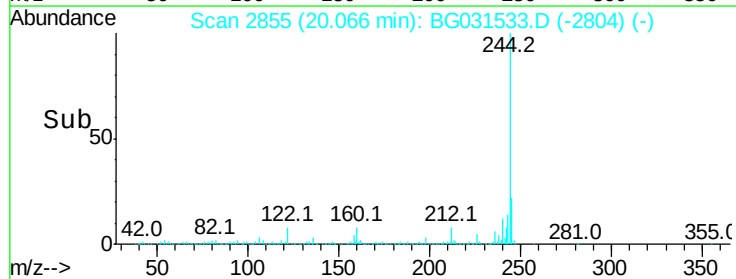
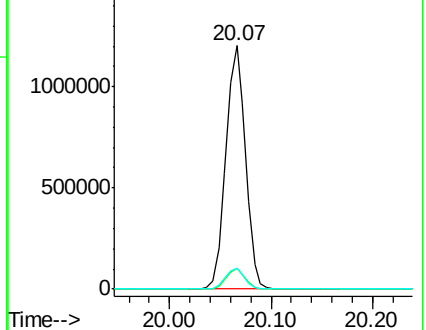
122 8.3 7.0 10.4

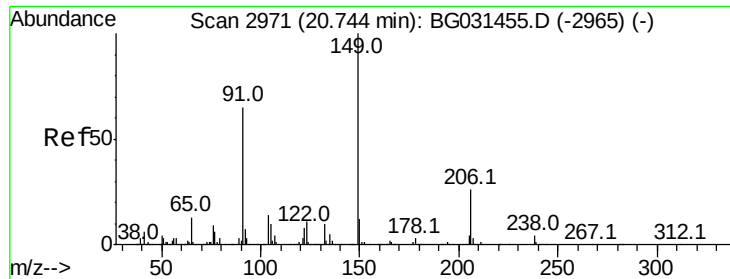


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

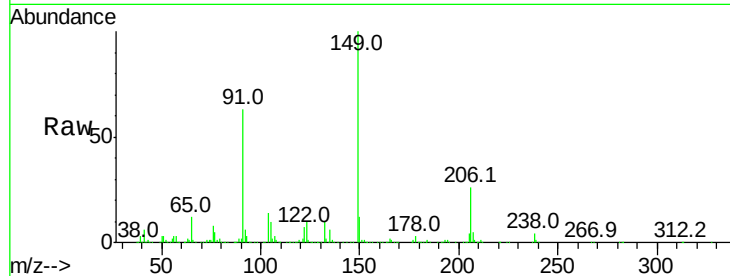




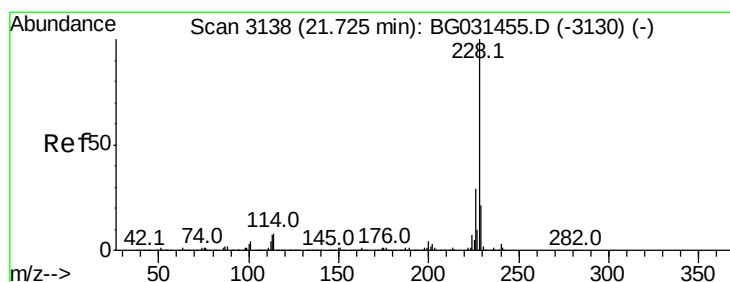
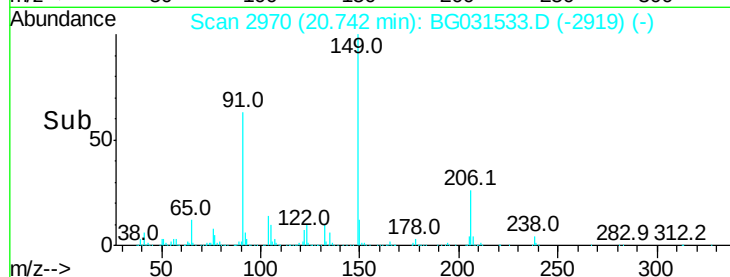
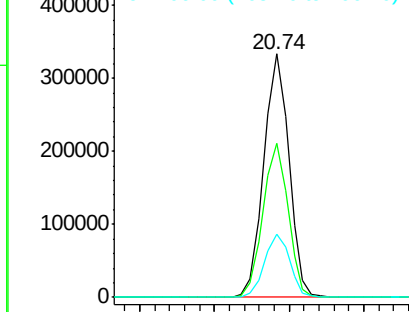
#79
Butylbenzylphthalate
Concen: 37.433 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.0	62.2	93.2
206	26.0	18.6	27.8

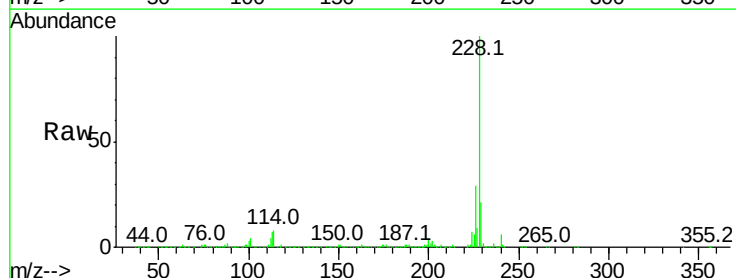


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

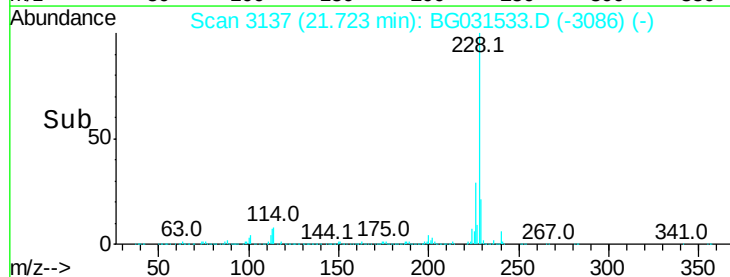
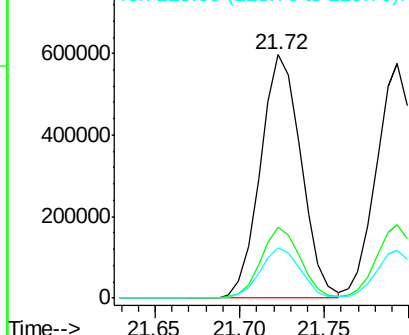


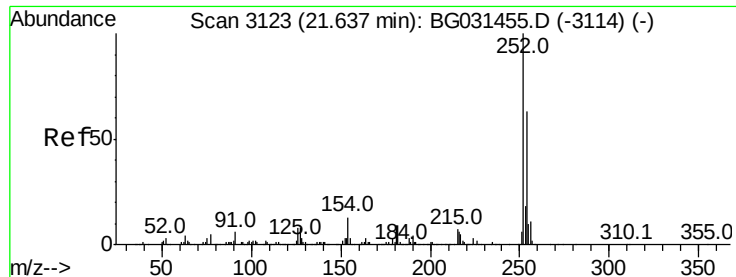
#80
Benzo(a)anthracene
Concen: 34.558 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	20.7	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: 18.695 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampled :

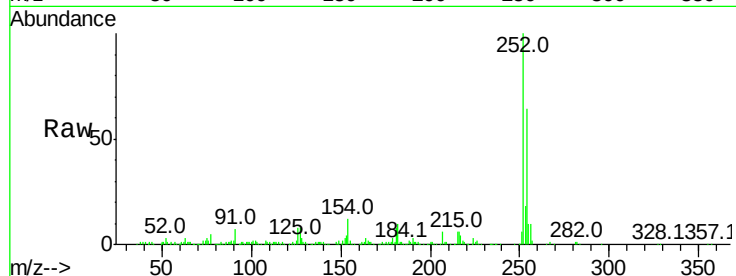
Tot Ion:252 Resp: 186637

Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.8	76.2
126	8.3	7.4	11.2

252 100

254 63.7 50.8 76.2

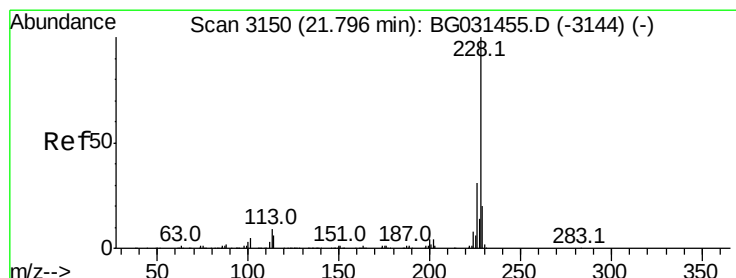
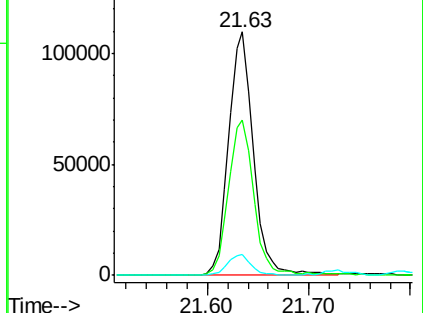
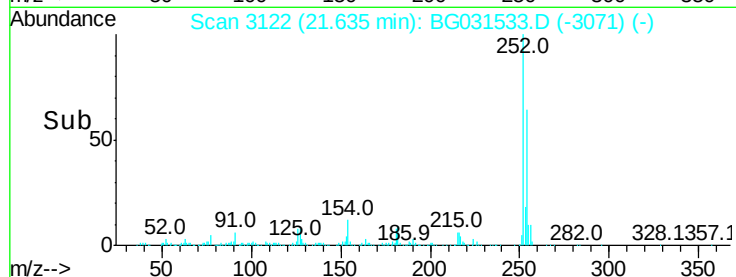
126 8.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 34.343 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

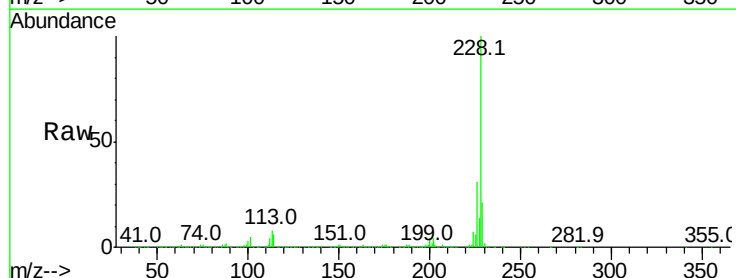
Tgt Ion:228 Resp: 944405

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.6	15.0	22.4

228 100

226 31.2 24.9 37.3

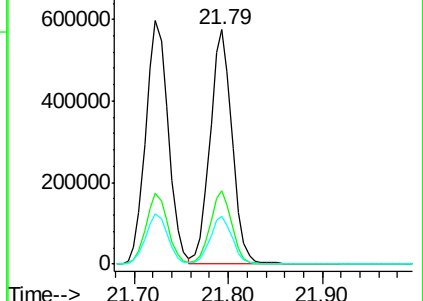
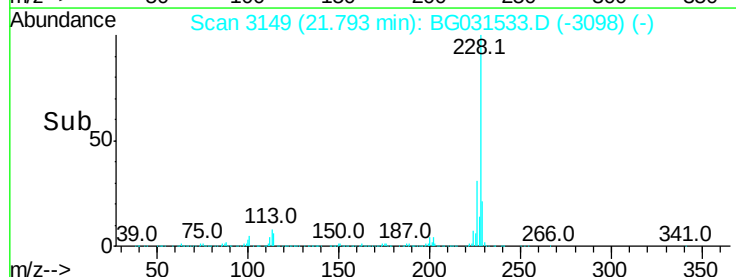
229 20.6 15.0 22.4

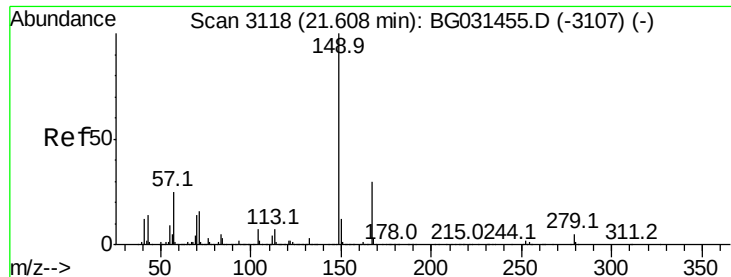


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

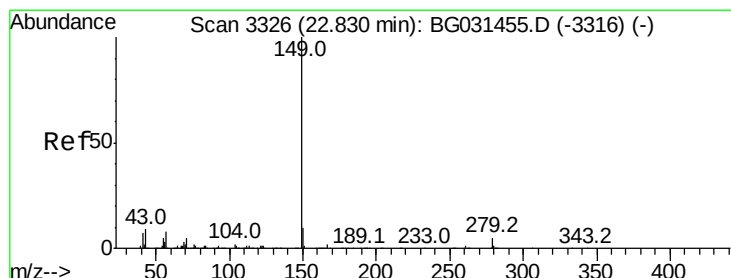
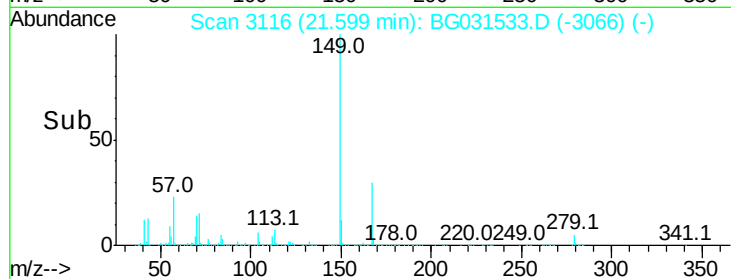
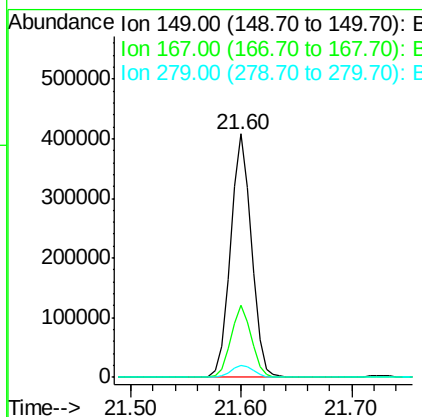
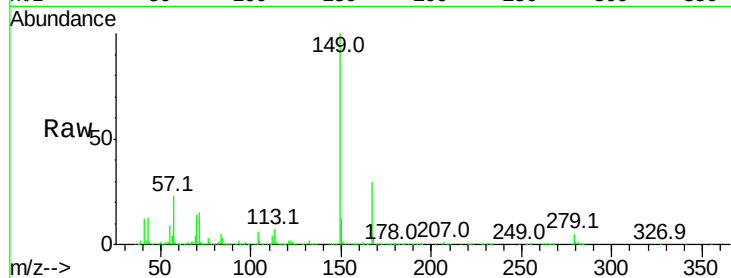




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.412 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

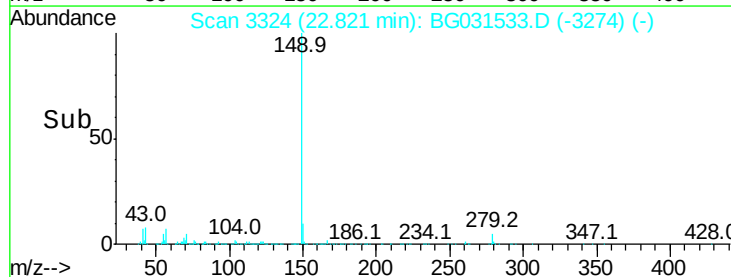
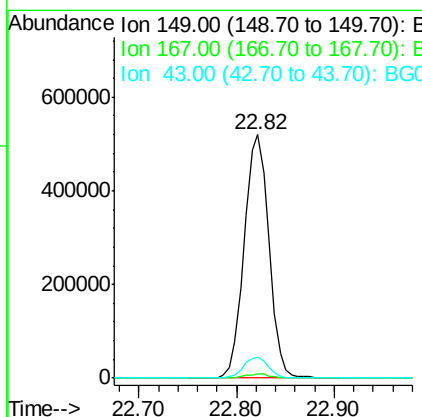
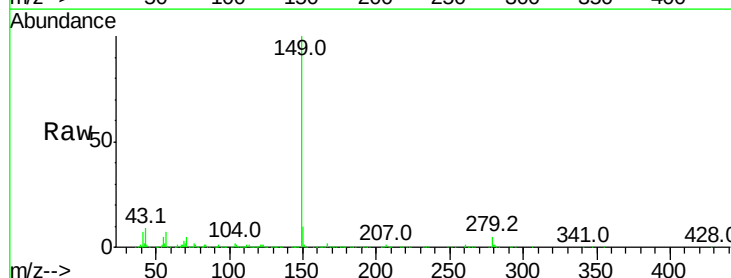
Instrument :
 BNA_G
 ClientSampleId :

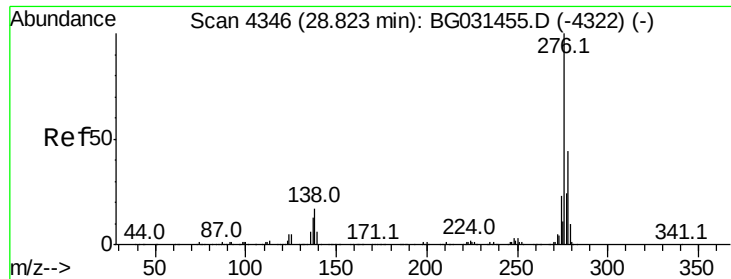
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	4.8	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 37.409 ng
 RT: 22.82 min Scan# 3324
 Delta R.T. -0.01 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.5	8.9	13.3

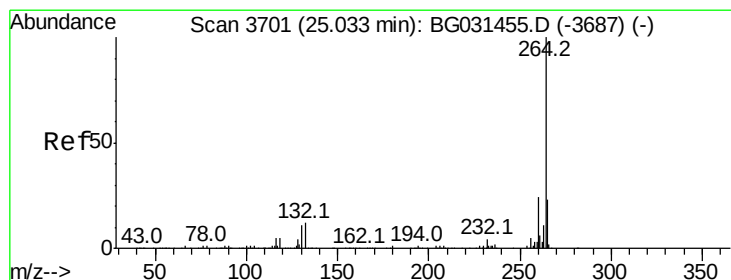
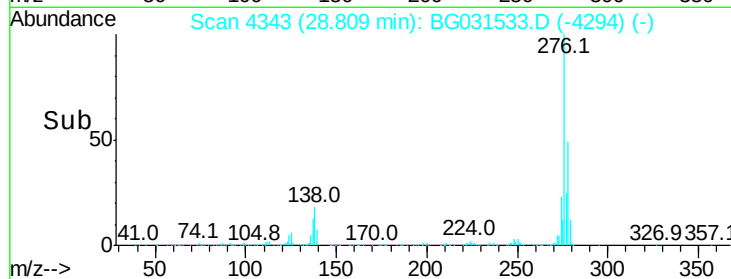
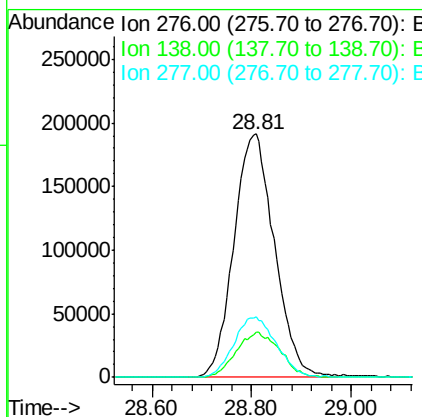
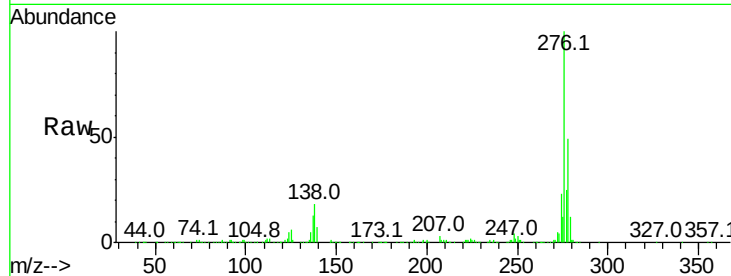




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.840 ng
 RT: 28.81 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

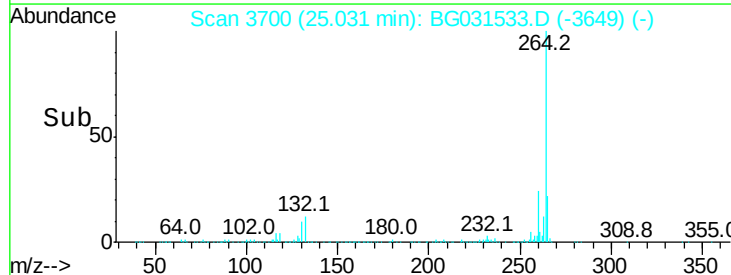
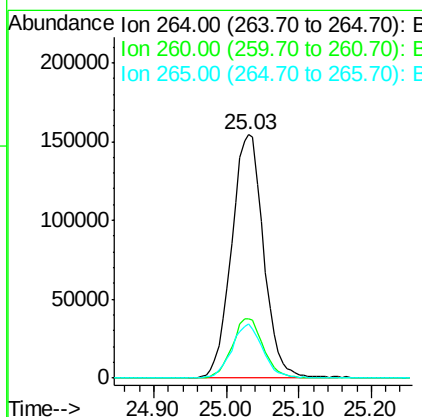
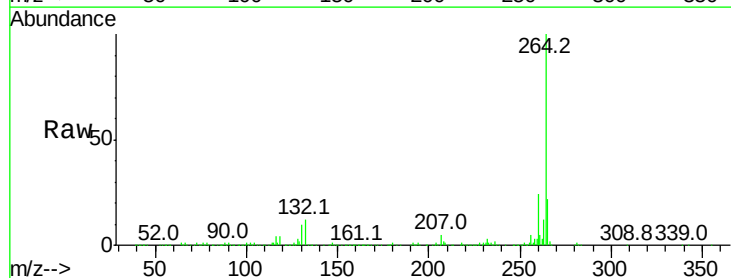
Instrument :
 BNA_G
 ClientSampled :

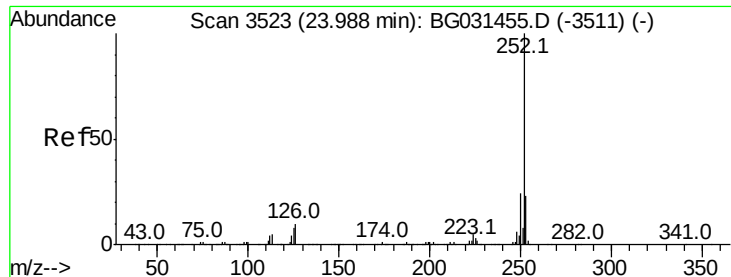
Tot Ion:276 Resp: 1082681
 Ion Ratio Lower Upper
 276 100
 138 20.0 16.0 24.0
 277 25.8 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BG031533.D
 Acq: 13 Dec 2017 18:29

Tgt Ion:264 Resp: 472651
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 22.3 17.7 26.5

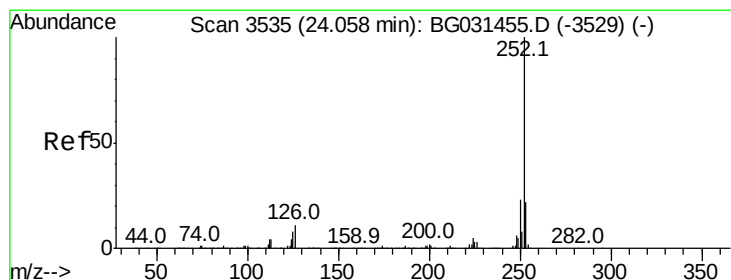
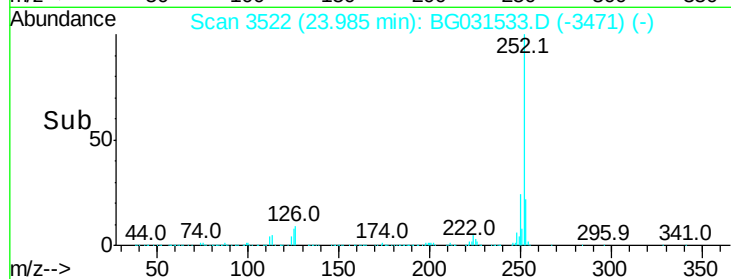
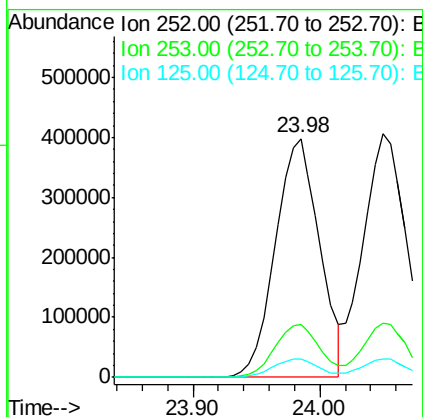
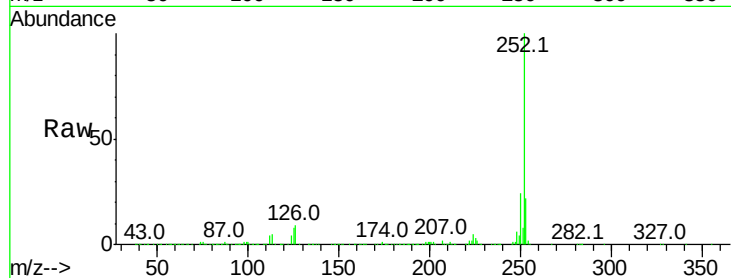




#87
Benzo(b)fluoranthene
Concen: 34.050 ng
RT: 23.98 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

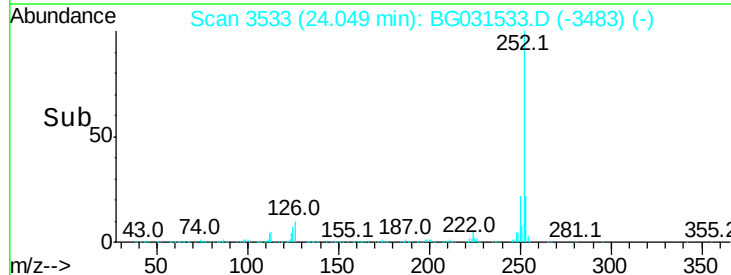
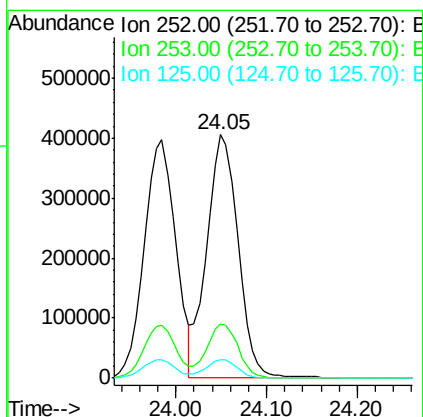
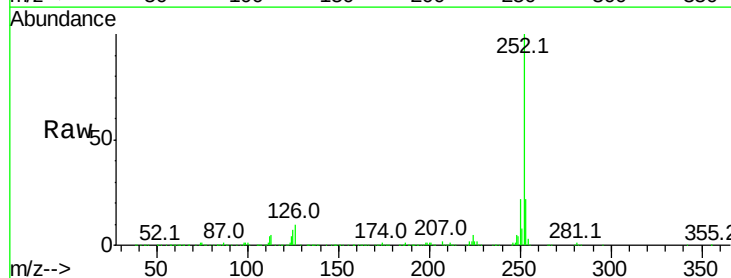
Instrument :
BNA_G
ClientSampleId :

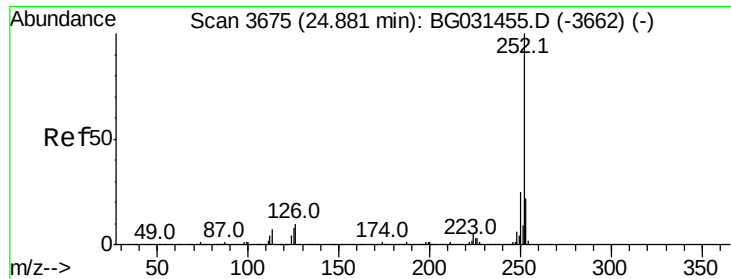
Tot Ion:252 Resp: 962184
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 7.6 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 33.741 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:252 Resp: 972981
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.4 6.6 9.8

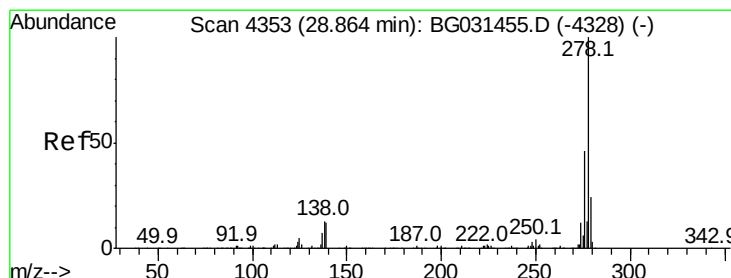
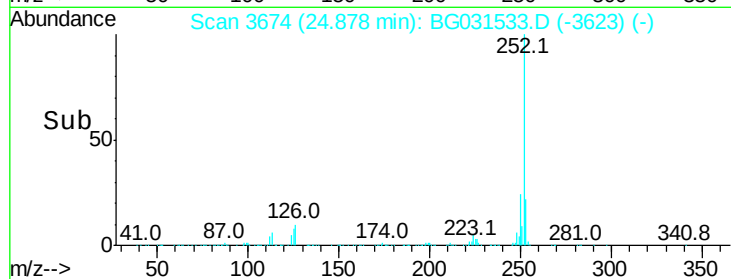
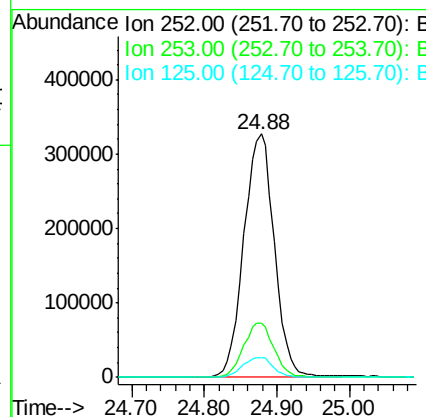
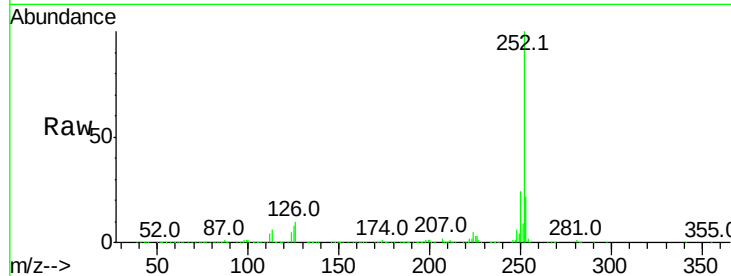




#89
Benzo(a)pyrene
Concen: 35.636 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

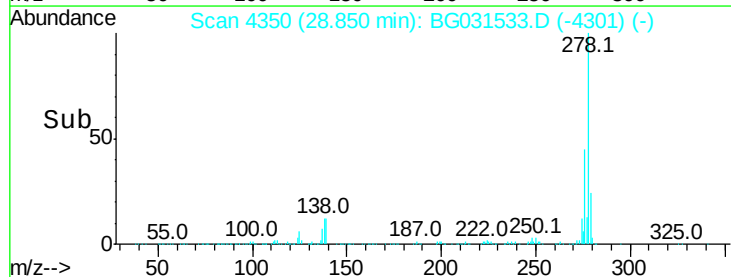
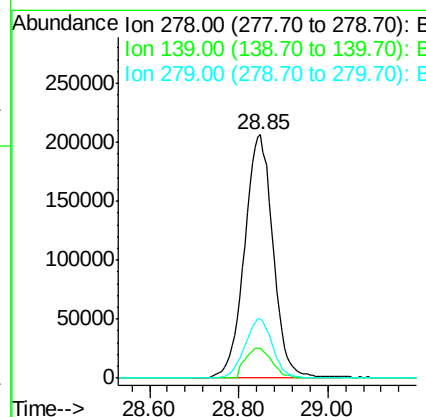
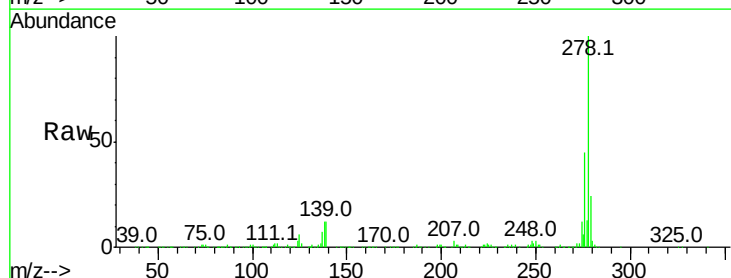
Instrument :
BNA_G
ClientSampleId :

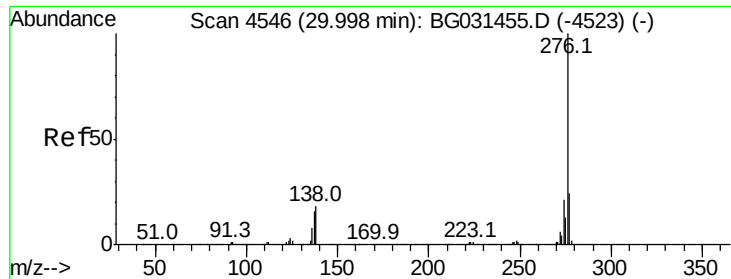
Tot Ion:252 Resp: 955246
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 8.0 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 35.380 ng
RT: 28.85 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG031533.D
Acq: 13 Dec 2017 18:29

Tgt Ion:278 Resp: 906910
Ion Ratio Lower Upper
278 100
139 12.5 9.8 14.6
279 24.3 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 35.688 ng

RT: 29.98 min Scan# 4542

Delta R.T. -0.02 min

Lab File: BG031533.D

Acq: 13 Dec 2017 18:29

Instrument :

BNA_G

ClientSampleId :

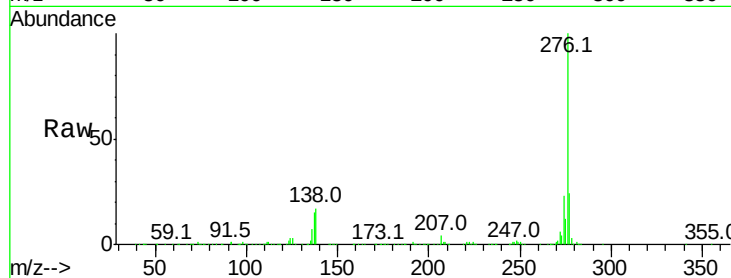
Tot Ion:276 Resp: 899375

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 16.6 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

