

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032017.D
 Acq On : 13 Jan 2018 00:24
 Operator : SJ/JU
 Sample : J1106-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 03:01:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	57440	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	234140	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	166534	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	415436	20.00	ng	0.00
75) Chrysene-d12	22.48	240	471852	20.00	ng	0.00
86) Perylene-d12	26.21	264	514769	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	350717	111.67	ng	0.00
7) Phenol-d6	7.88	99	451839	114.23	ng	0.00
23) Nitrobenzene-d5	9.97	82	251654	72.71	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	305142	110.73	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	886392	66.00	ng	0.00
78) Terphenyl-d14	20.67	244	1552476	72.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.85	88	29946	24.819	ng	# 75
3) Pyridine	4.30	79	70756	21.970	ng	# 81
4) n-Nitrosodimethylamine	4.21	42	41243	36.451	ng	# 87
6) Aniline	8.06	93	118059	23.663	ng	95
8) 2-Chlorophenol	8.32	128	128836	36.660	ng	83
9) Benzaldehyde	7.87	77	21418	9.346	ng	# 79
10) Phenol	7.91	94	166547	42.744	ng	94
11) bis(2-Chloroethyl)ether	8.16	93	102998	32.995	ng	# 79
12) 1,3-Dichlorobenzene	8.66	146	139437	30.316	ng	# 94
13) 1,4-Dichlorobenzene	8.81	146	141271	30.504	ng	93
14) 1,2-Dichlorobenzene	9.14	146	138454	30.910	ng	96
15) Benzyl Alcohol	9.00	79	102946	35.827	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.30	45	106779	33.659	ng	79
17) 2-Methylphenol	9.20	107	107022	35.941	ng	97
18) Hexachloroethane	9.90	117	44576	31.319	ng	# 86
19) n-Nitroso-di-n-propylamine	9.59	70	84826	34.564	ng	# 81
20) 3+4-Methylphenols	9.54	107	144655	35.067	ng	96
22) Acetophenone	9.62	105	185680	34.912	ng	# 85
24) Nitrobenzene	10.01	77	119596	34.644	ng	# 81
25) Isophorone	10.54	82	239498	37.165	ng	# 86
26) 2-Nitrophenol	10.74	139	78366	38.312	ng	# 82
27) 2,4-Dimethylphenol	10.78	122	134276	41.367	ng	94
28) bis(2-Chloroethoxy)methane	11.02	93	148760	38.314	ng	# 96
29) 2,4-Dichlorophenol	11.28	162	159670	39.977	ng	88
30) 1,2,4-Trichlorobenzene	11.51	180	169637	32.887	ng	97
31) Naphthalene	11.71	128	397672	34.286	ng	98
32) Benzoic acid	10.87	122	44907	20.614	ng	# 74
33) 4-Chloroaniline	11.80	127	121896	24.508	ng	# 91
34) Hexachlorobutadiene	11.98	225	114679	30.953	ng	93
35) Caprolactam	12.54	113	47974	39.592	ng	# 47
36) 4-Chloro-3-methylphenol	12.87	107	146195	39.989	ng	86
37) 2-Methylnaphthalene	13.27	142	326279	35.432	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	235134	32.391	ng	# 96
40) Hexachlorocyclopentadiene	13.60	237	288123	70.469	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	151908	37.243	nq	96
43) 2,4,5-Trichlorophenol	13.92	196	161044	34.111	nq #	89
45) 1,1'-Biphenyl	14.24	154	474006	33.202	nq	96
46) 2-Chloronaphthalene	14.30	162	357447	32.184	nq	96
47) 2-Nitroaniline	14.49	65	78469	36.906	nq #	59
48) Acenaphthylene	15.14	152	541780	32.034	nq	99
49) Dimethylphthalate	14.83	163	556488	38.186	nq #	99
50) 2,6-Dinitrotoluene	14.96	165	109930	36.342	nq #	70
51) Acenaphthene	15.47	154	403406	36.072	nq	96
52) 3-Nitroaniline	15.30	138	77866	28.501	nq #	67
53) 2,4-Dinitrophenol	15.49	184	112291	74.525	nq #	71
54) Dibenzofuran	15.80	168	567271	34.003	nq	98
55) 4-Nitrophenol	15.57	139	158580	79.648	nq #	73
56) 2,4-Dinitrotoluene	15.74	165	154153	37.853	nq #	65
57) Fluorene	16.44	166	450421	32.920	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.01	232	168098	38.489	nq #	85
59) Diethylphthalate	16.18	149	468988	33.196	nq	97
60) 4-Chlorophenyl-phenylether	16.42	204	280672	33.441	nq	90
61) 4-Nitroaniline	16.45	138	95633	36.491	nq	85
62) Azobenzene	16.71	77	298546	33.762	nq	84
64) 4,6-Dinitro-2-methylphenol	16.50	198	86422	34.078	nq #	68
65) n-Nitrosodiphenylamine	16.63	169	427909	33.945	nq	98
66) 4-Bromophenyl-phenylether	17.31	248	199920	33.822	nq	93
67) Hexachlorobenzene	17.44	284	207329	31.704	nq #	91
68) Atrazine	17.55	200	190226	35.882	nq	98
69) Pentachlorophenol	17.78	266	278628	66.658	nq	99
70) Phenanthrene	18.18	178	754203	32.607	nq	99
71) Anthracene	18.27	178	777607	33.707	nq	98
72) Carbazole	18.53	167	682180	34.088	nq	99
73) Di-n-butylphthalate	19.04	149	771489	32.624	nq	99
74) Fluoranthene	20.14	202	965365	33.335	nq	96
76) Benzidine	20.30	184	271809	23.036	nq	99
77) Pyrene	20.50	202	974498	32.853	nq	98
79) Butylbenzylphthalate	21.36	149	351015	33.028	nq #	76
80) Benzo(a)anthracene	22.46	228	997902	34.006	nq	98
81) 3,3'-Dichlorobenzidine	22.35	252	298655	27.245	nq #	94
82) Chrysene	22.54	228	926129	32.863	nq	98
83) Bis(2-ethylhexyl)phthalate	22.30	149	510454	32.754	nq #	98
84) Di-n-octyl phthalate	23.69	149	862591	34.850	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1182920	34.299	nq #	89
87) Benzo(b)fluoranthene	25.01	252	1049601	33.733	nq #	96
88) Benzo(k)fluoranthene	25.09	252	1019138	33.519	nq #	97
89) Benzo(a)pyrene	26.03	252	1015599	34.505	nq #	98
90) Dibenzo(a,h)anthracene	30.61	278	974894	34.371	nq #	95
91) Benzo(g,h,i)perylene	31.88	276	1011932	34.906	nq #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 934

Delta R.T. -0.00 min

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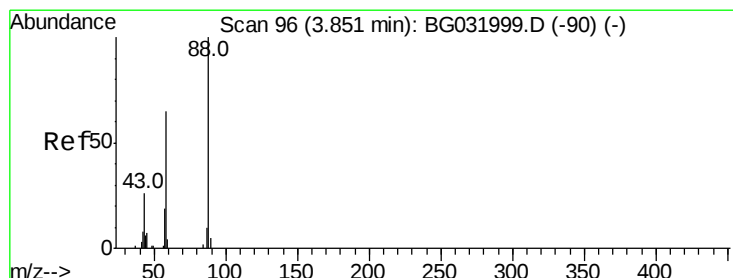
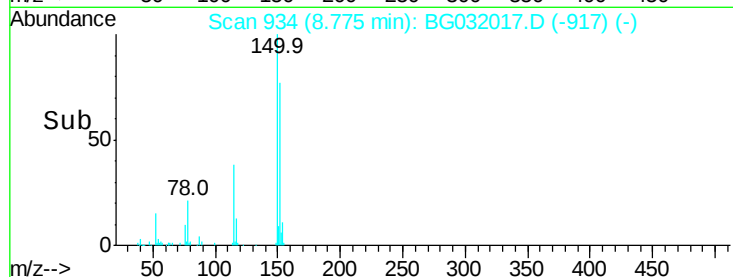
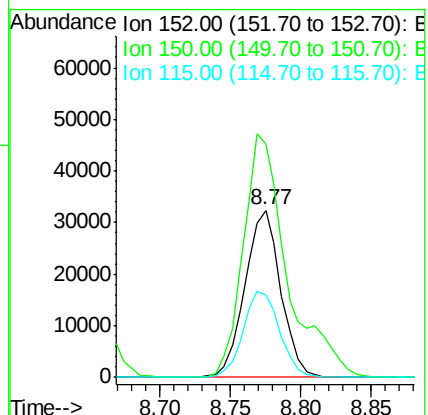
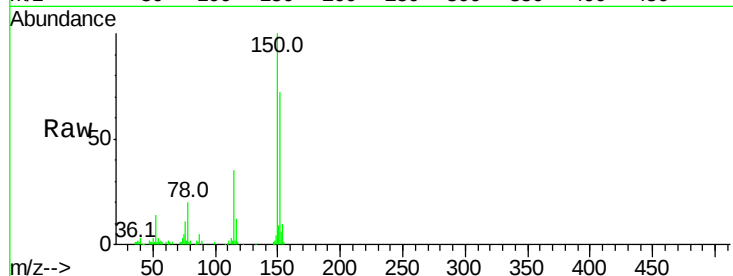
Tot Ion:152 Resp: 57440

Ion Ratio Lower Upper

152 100

150 139.8 126.6 189.8

115 49.2 53.0 79.4#



#2

1,4-Dioxane

Concen: 24.819 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

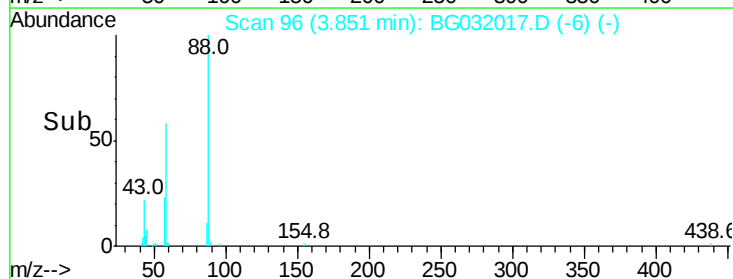
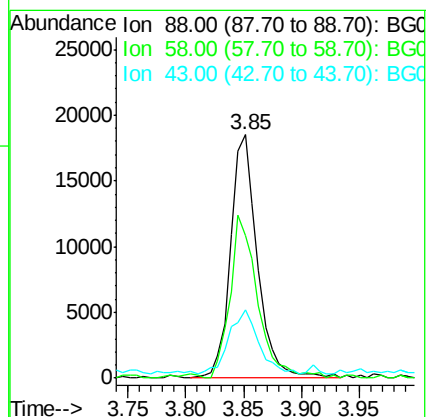
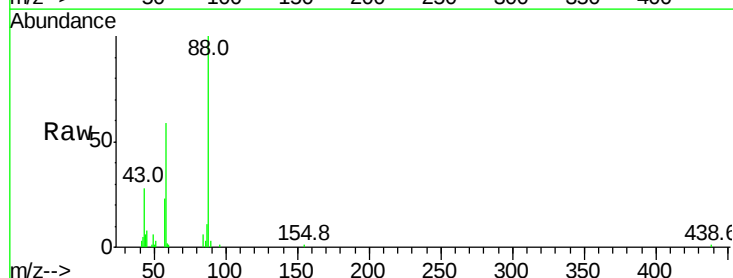
Tgt Ion: 88 Resp: 29946

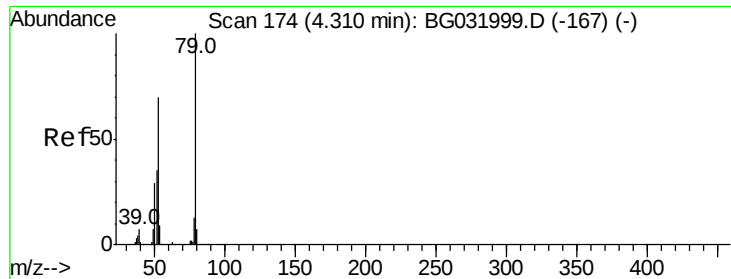
Ion Ratio Lower Upper

88 100

58 68.6 79.6 119.4#

43 29.4 27.4 41.0





#3

Pvridine

Concen: 21.970 ng

RT: 4.30 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

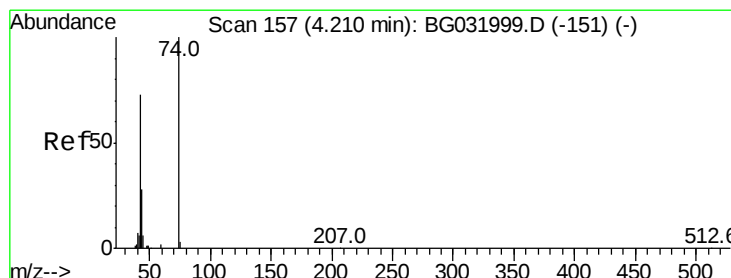
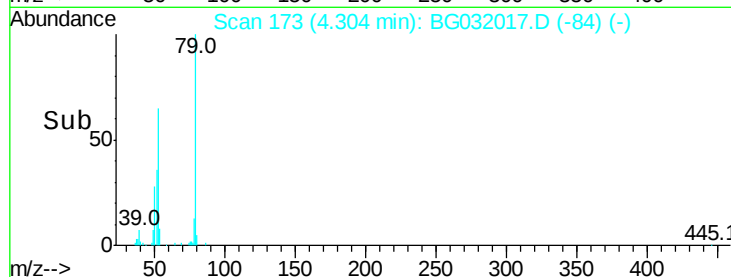
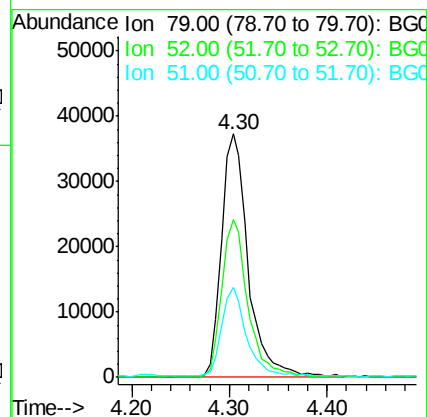
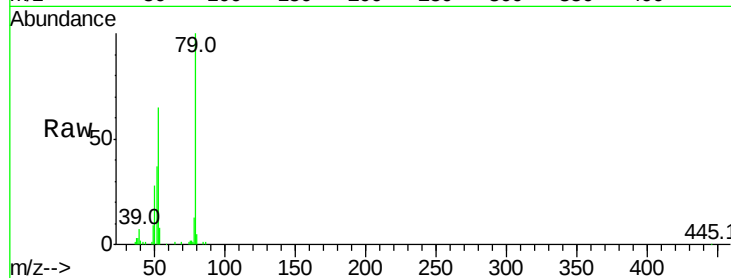
Tot Ion: 79 Resp: 70756

Ion Ratio Lower Upper

79 100

52 65.1 69.9 104.9#

51 36.8 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.451 ng

RT: 4.21 min Scan# 157

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

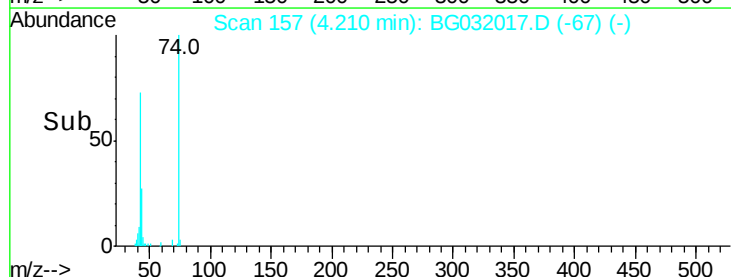
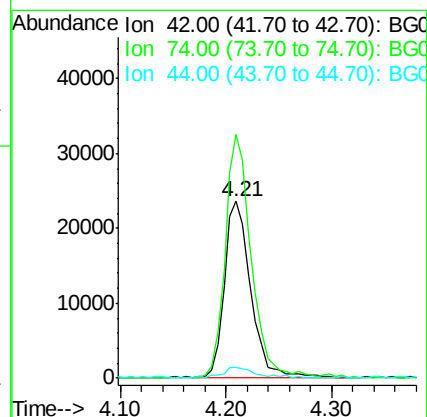
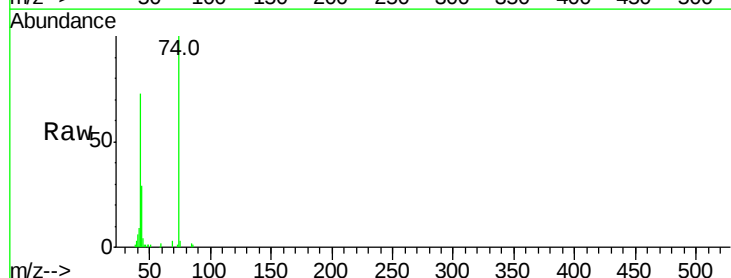
Tgt Ion: 42 Resp: 41243

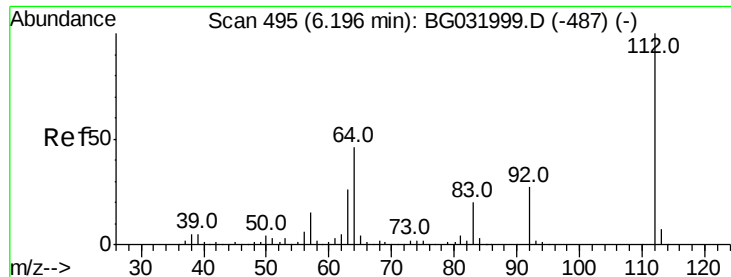
Ion Ratio Lower Upper

42 100

74 137.9 102.5 153.7

44 5.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 111.671 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampled :

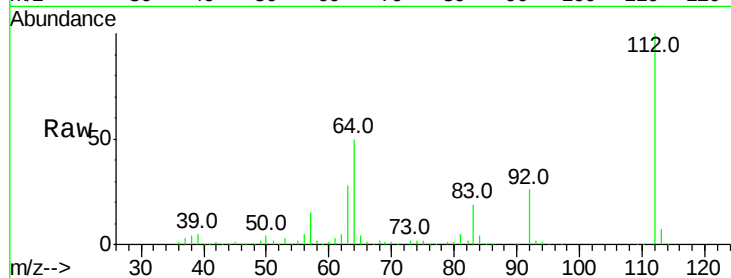
Tot Ion:112 Resp: 350717

Ion Ratio Lower Upper

112 100

64 50.2 56.3 84.5#

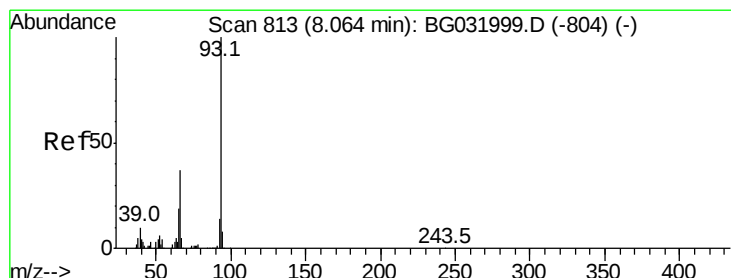
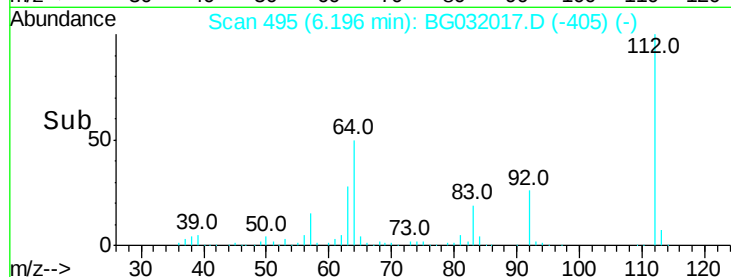
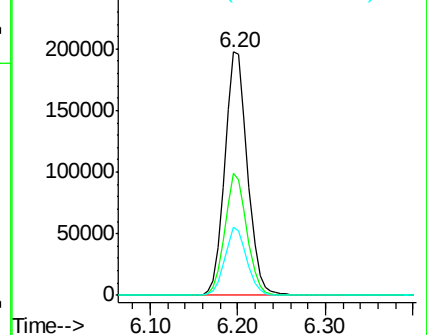
63 28.0 30.1 45.1#



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: 23.663 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

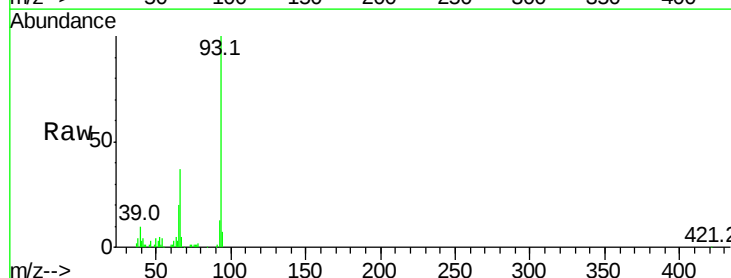
Tgt Ion: 93 Resp: 118059

Ion Ratio Lower Upper

93 100

66 37.2 33.7 50.5

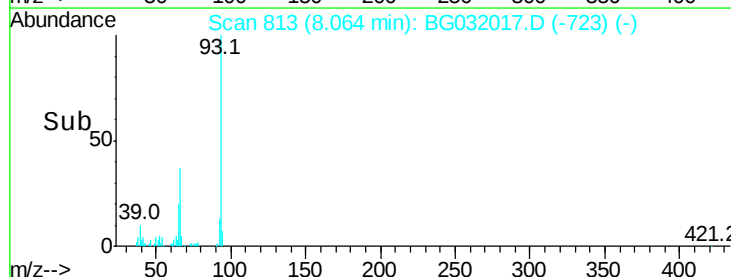
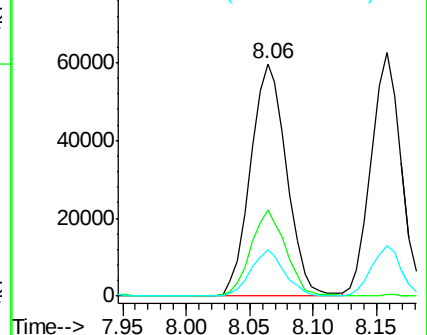
65 19.9 16.1 24.1

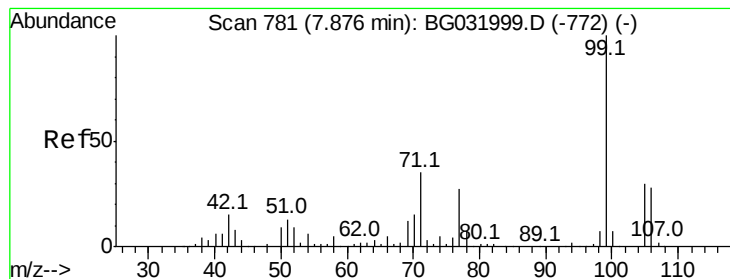


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 114.233 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

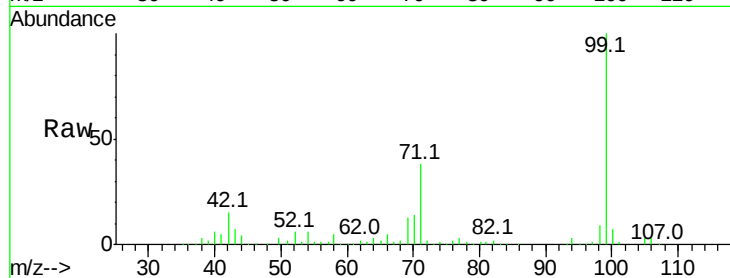
Tot Ion: 99 Resp: 451839

Ion Ratio Lower Upper

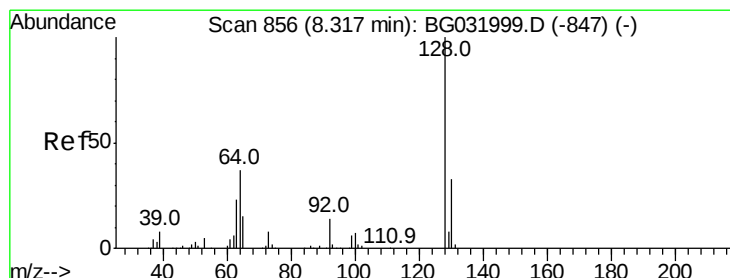
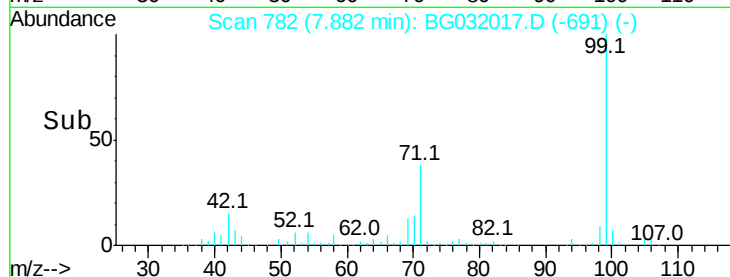
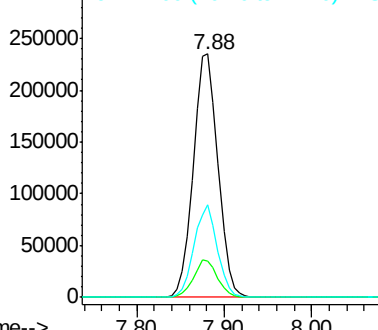
99 100

42 14.6 14.1 21.1

71 37.8 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: 36.660 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

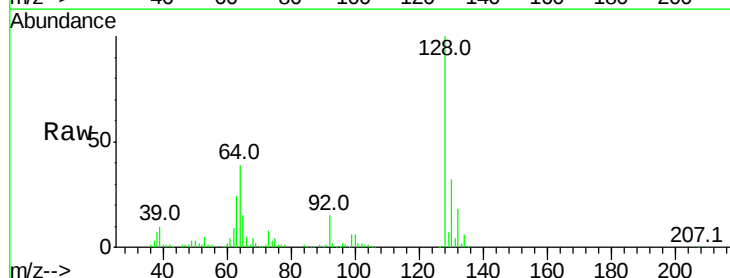
Tgt Ion: 128 Resp: 128836

Ion Ratio Lower Upper

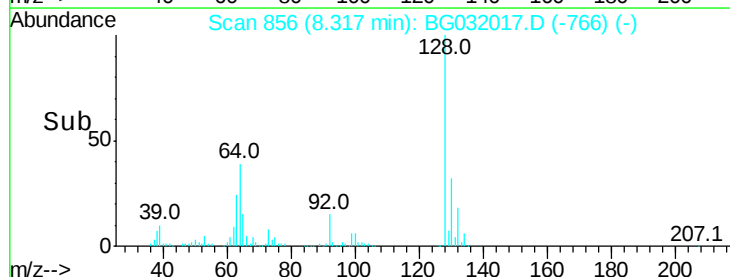
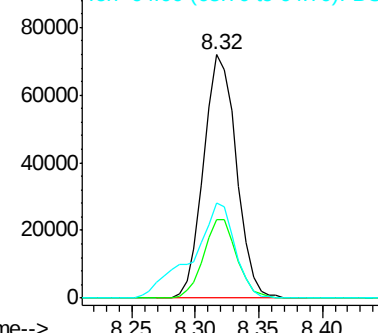
128 100

130 32.4 14.0 54.0

64 39.0 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

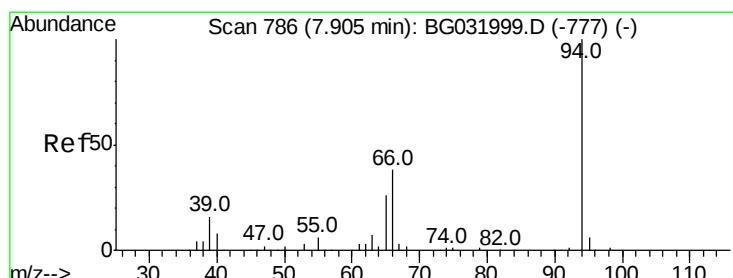
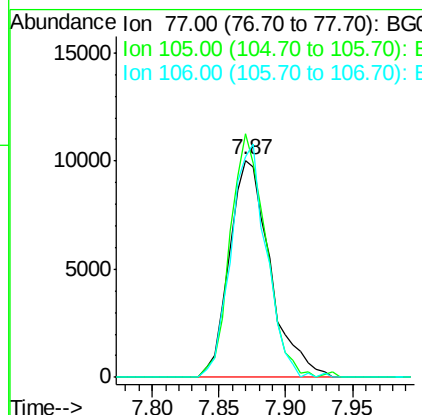
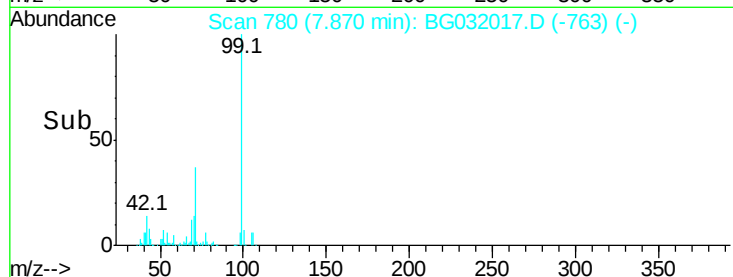
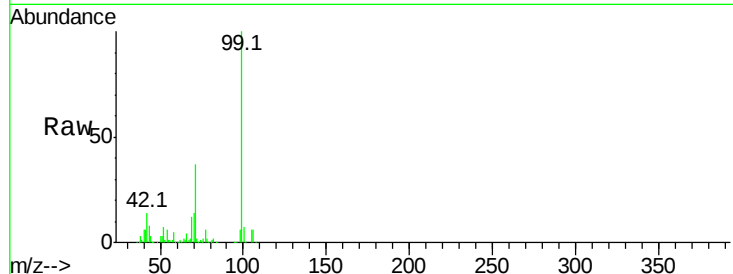




#9
Benzaldehyde
Concen: 9.346 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

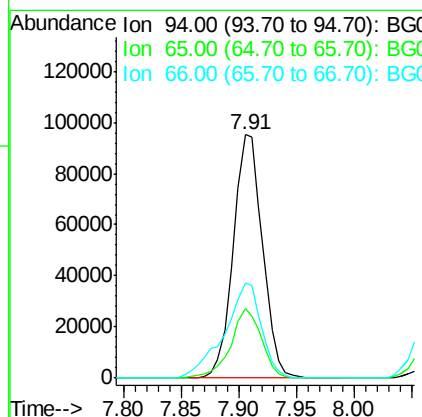
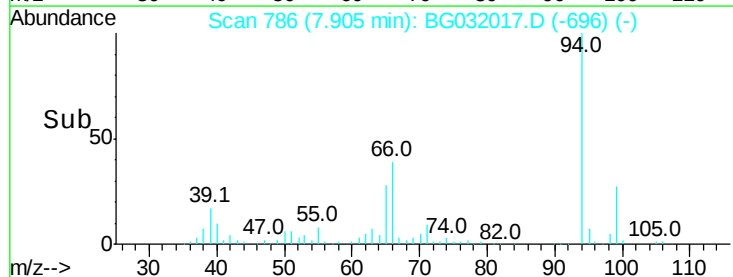
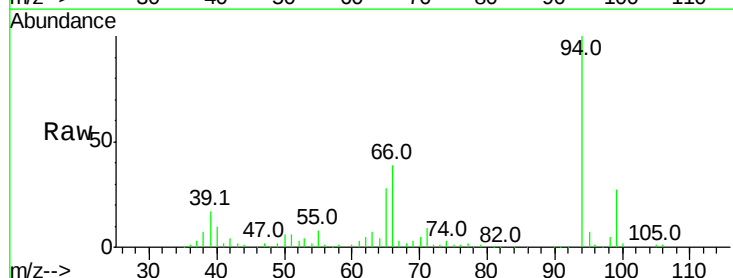
Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 21418
Ion Ratio Lower Upper
77 100
105 112.3 71.3 111.3#
106 101.9 64.2 104.2



#10
Phenol
Concen: 42.744 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 94 Resp: 166547
Ion Ratio Lower Upper
94 100
65 28.3 11.9 51.9
66 39.1 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 32.995 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

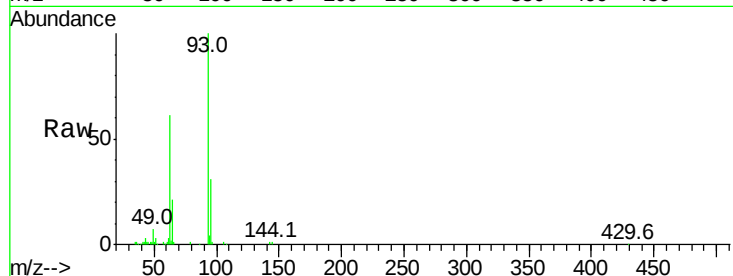
Tot Ion: 93 Resp: 102998

Ion Ratio Lower Upper

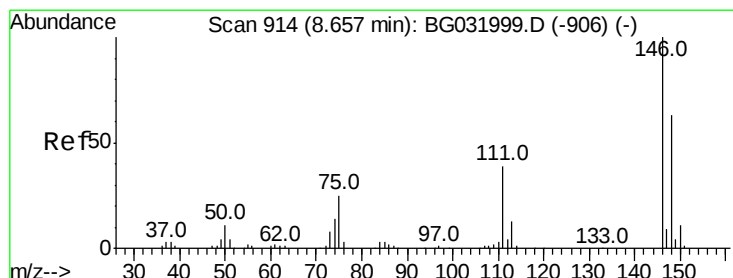
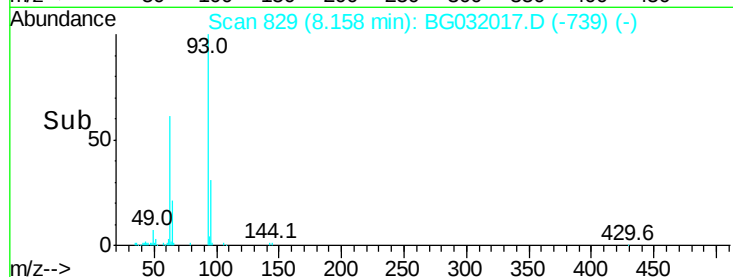
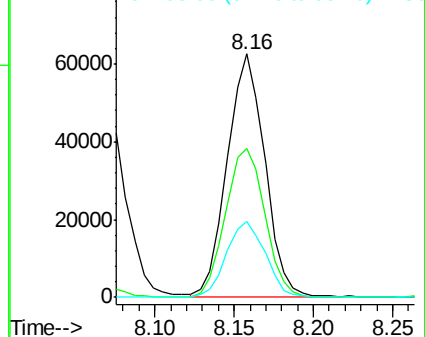
93 100

63 61.0 67.1 107.1#

95 31.3 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 30.316 ng

RT: 8.66 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

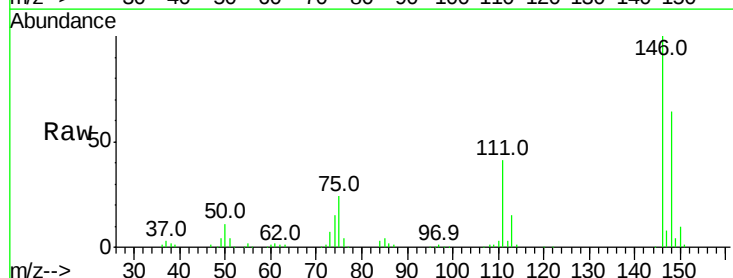
Tgt Ion: 146 Resp: 139437

Ion Ratio Lower Upper

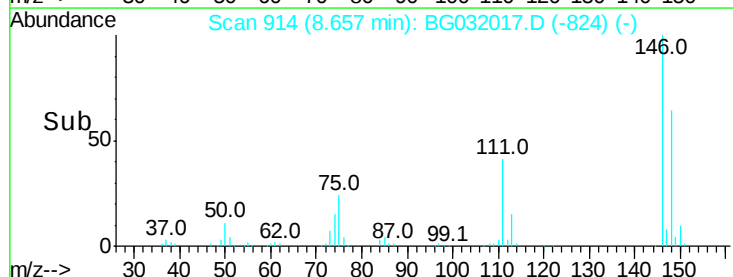
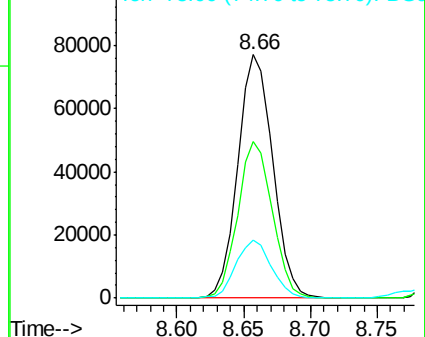
146 100

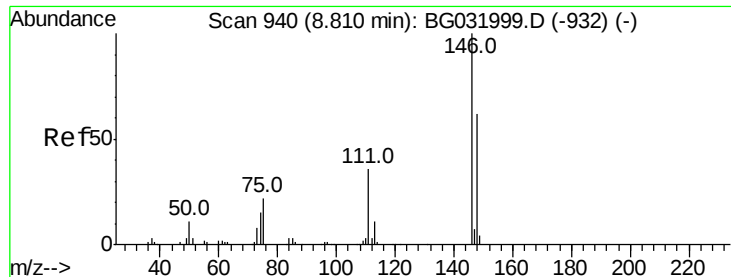
148 64.2 51.4 77.2

75 23.7 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

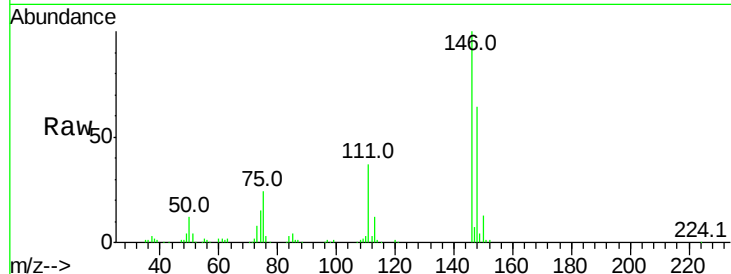




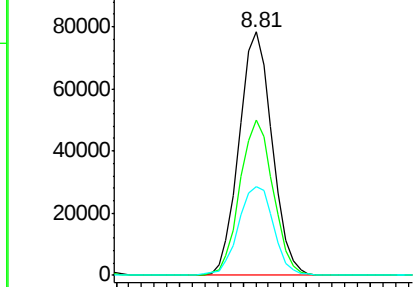
#13
1,4-Dichlorobenzene
Concen: 30.504 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :

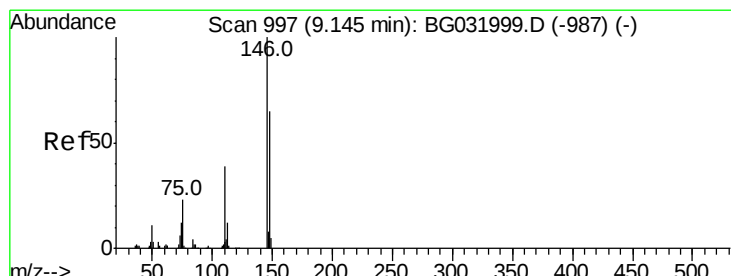
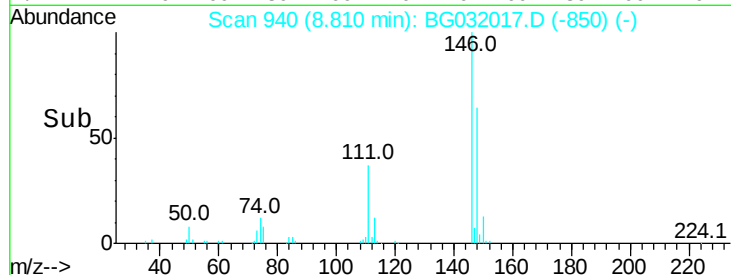
Tot Ion:146 Resp: 141271
Ion Ratio Lower Upper
146 100
148 63.6 53.7 80.5
111 36.6 35.2 52.8



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

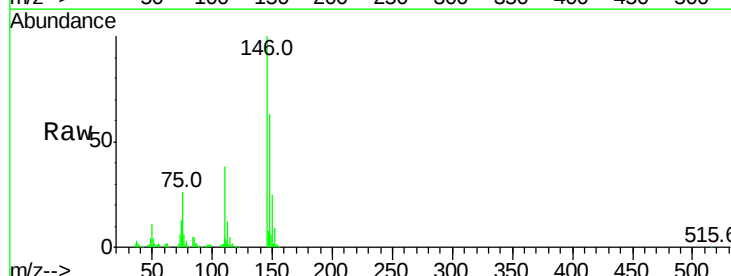


Time--> 8.70 8.75 8.80 8.85 8.90

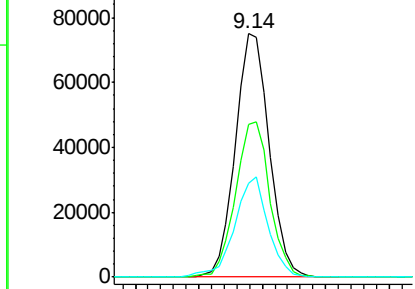


#14
1,2-Dichlorobenzene
Concen: 30.910 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

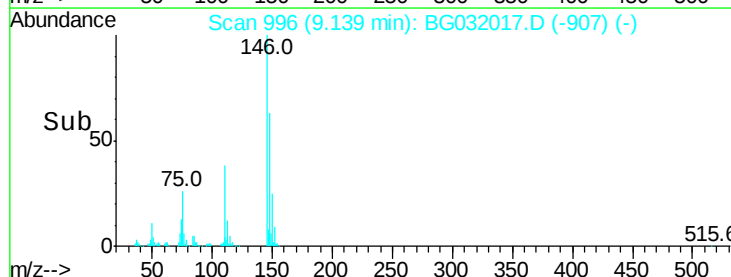
Tgt Ion:146 Resp: 138454
Ion Ratio Lower Upper
146 100
148 63.0 49.3 73.9
111 38.4 34.3 51.5

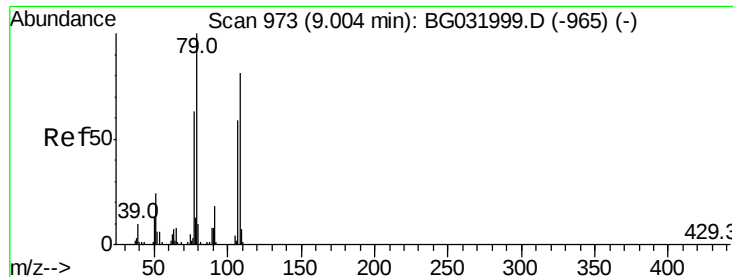


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time--> 9.05 9.10 9.15 9.20 9.25





#15

Benzyl Alcohol

Concen: 35.827 ng

RT: 9.00 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

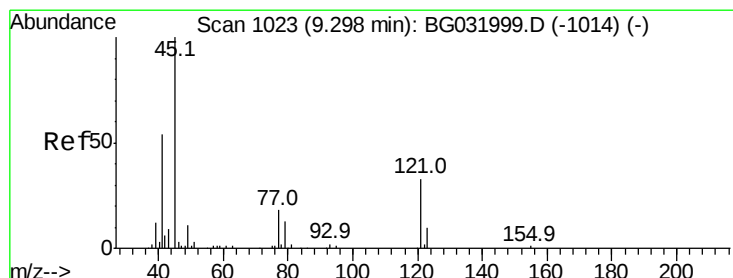
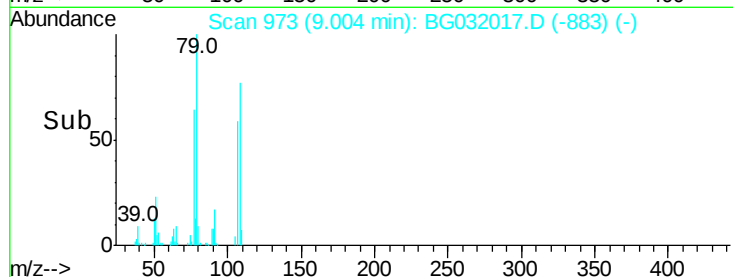
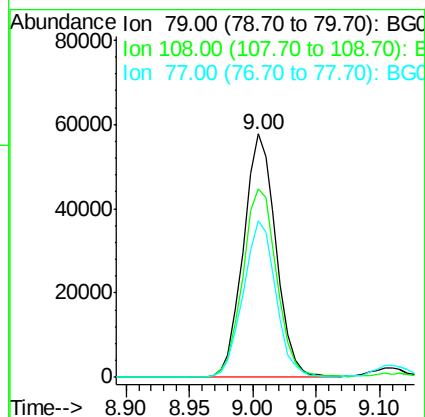
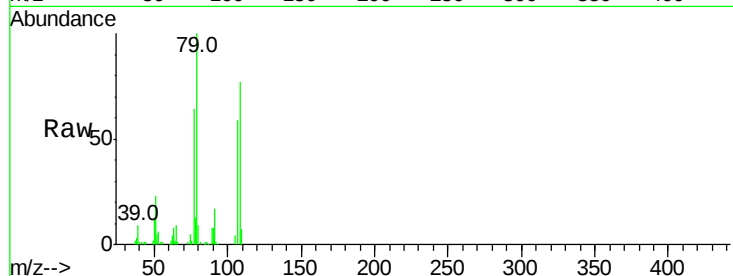
Tot Ion: 79 Resp: 102946

Ion Ratio Lower Upper

79 100

108 77.5 57.2 85.8

77 64.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.659 ng

RT: 9.30 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

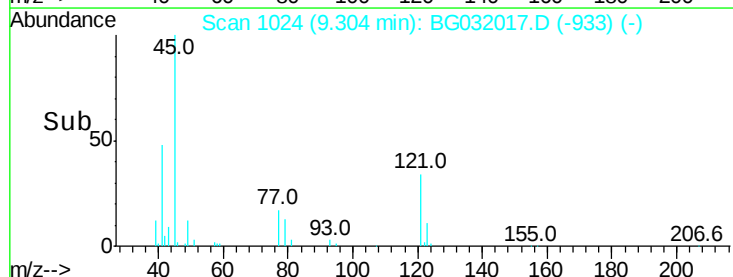
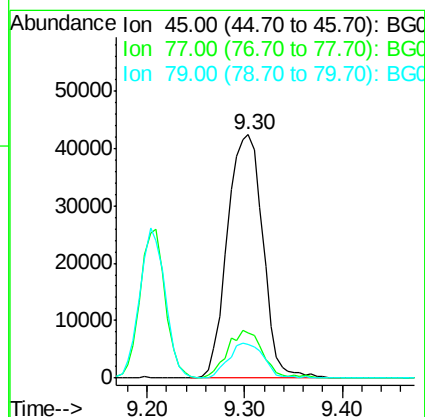
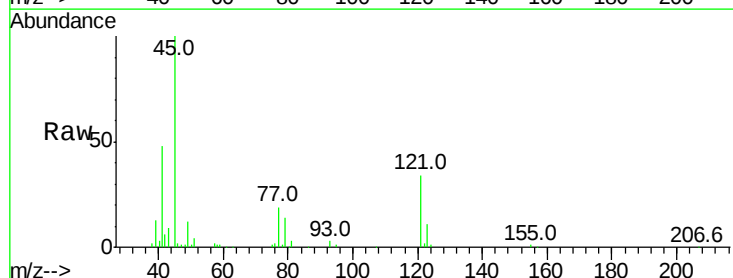
Tgt Ion: 45 Resp: 106779

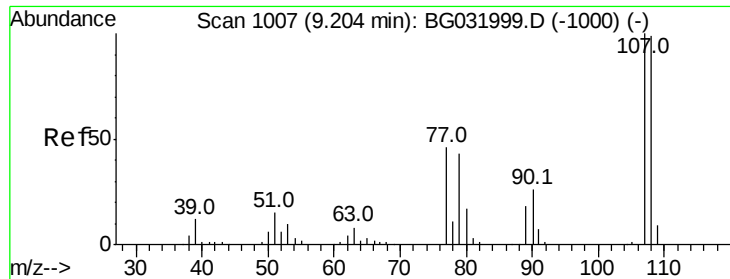
Ion Ratio Lower Upper

45 100

77 18.7 0.0 30.2

79 14.1 0.0 27.9

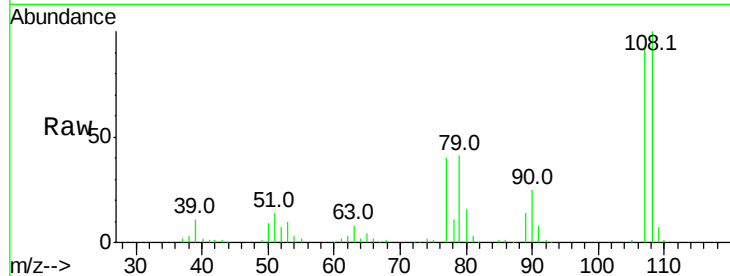




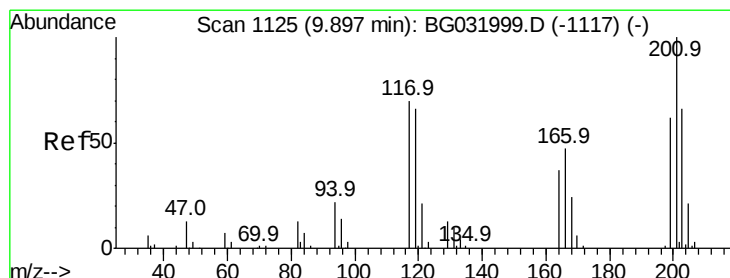
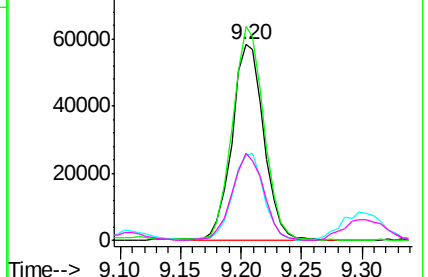
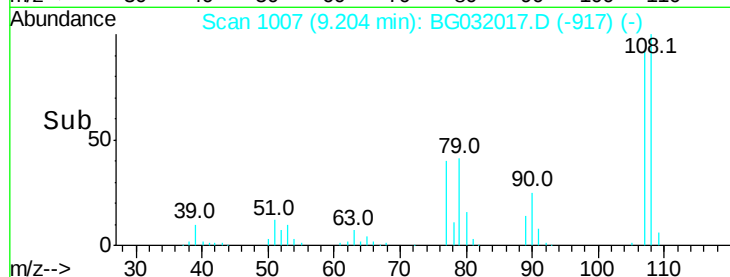
#17
2-Methylphenol
Concen: 35.941 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 107022
Ion Ratio Lower Upper
107 100
108 109.2 83.9 125.9
77 43.5 37.2 55.8
79 44.7 36.2 54.2

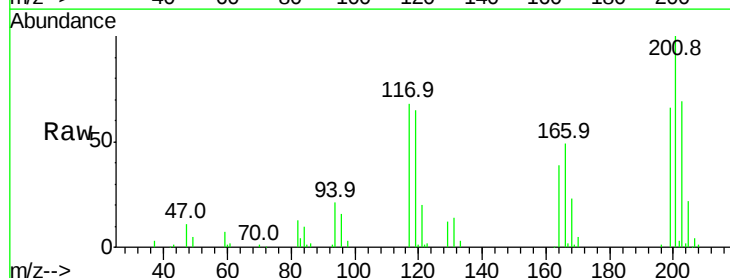


Abundance Ion 107.00 (106.70 to 107.70): E
100000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

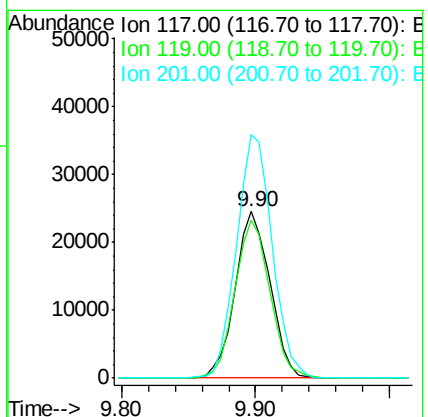
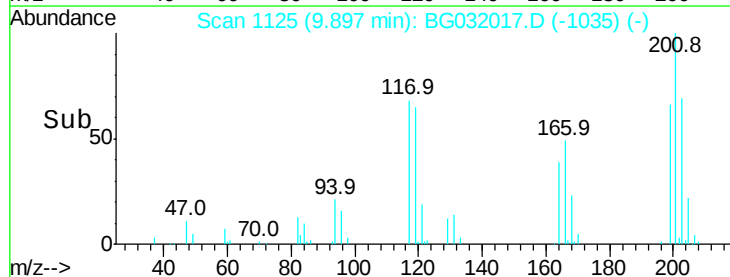


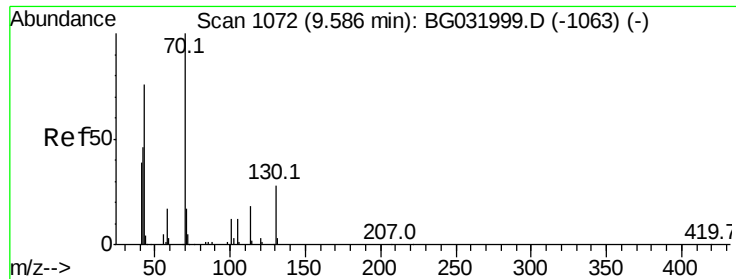
#18
Hexachloroethane
Concen: 31.319 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:117 Resp: 44576
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1
201 146.2 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

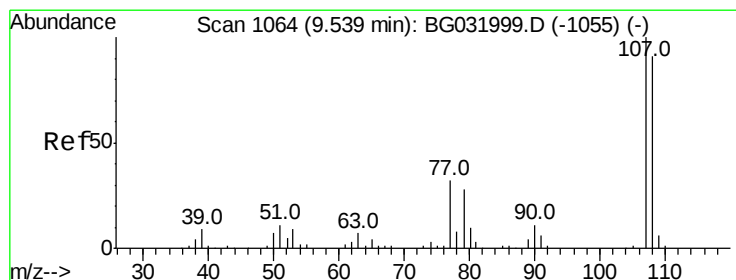
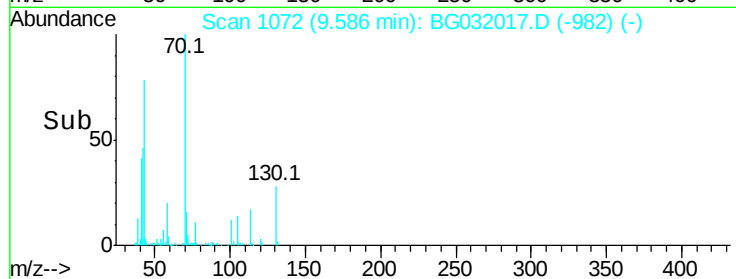
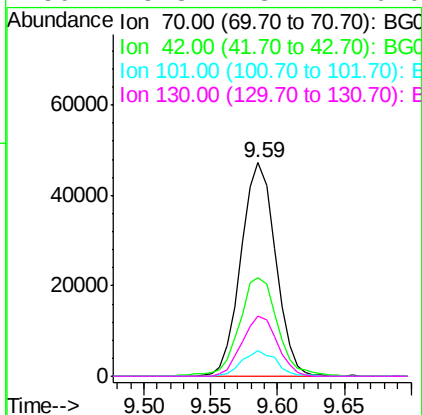
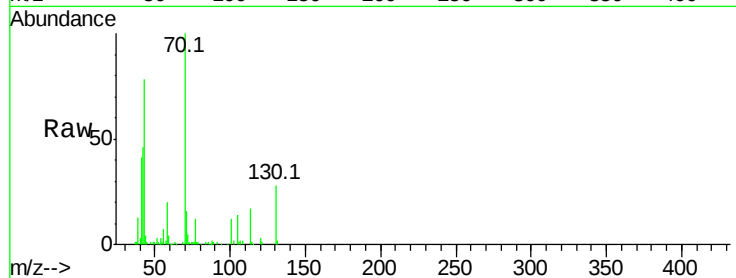




#19
n-Nitroso-di-n-propylamine
Concen: 34.564 ng
RT: 9.59 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

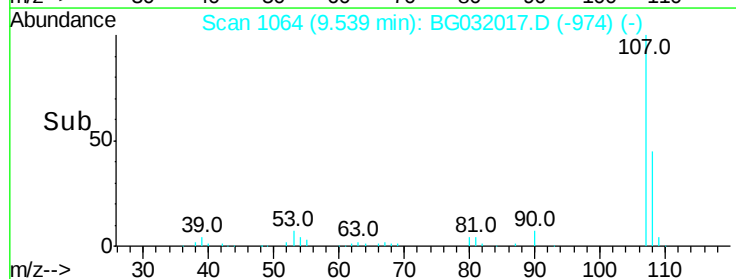
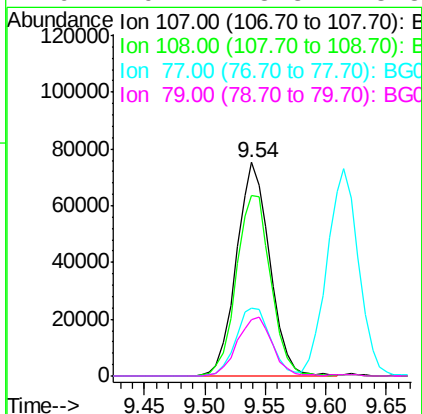
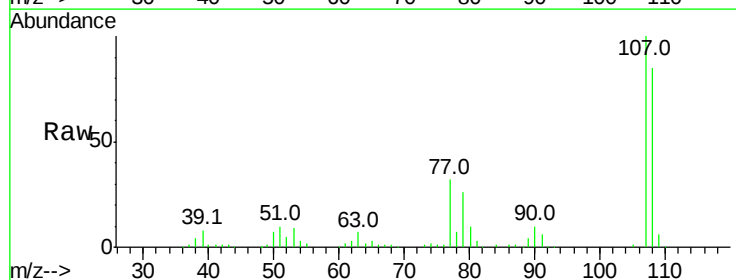
Instrument :
BNA_G
ClientSampleId :

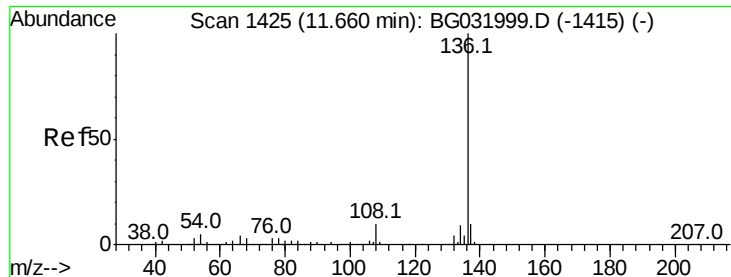
Tot Ion: 70 Resp: 84826
Ion Ratio Lower Upper
70 100
42 46.1 49.1 73.7#
101 11.8 8.5 12.7
130 28.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 35.067 ng
RT: 9.54 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 107 Resp: 144655
Ion Ratio Lower Upper
107 100
108 84.5 61.6 101.6
77 32.0 13.9 53.9
79 26.1 8.8 48.8

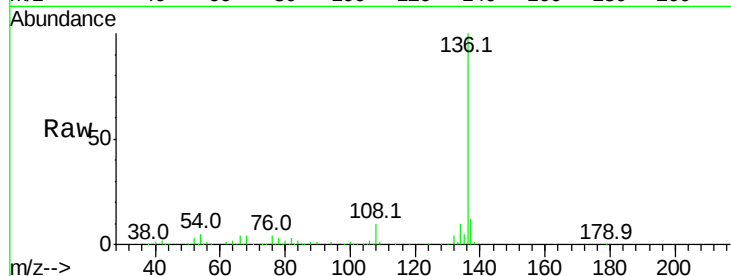




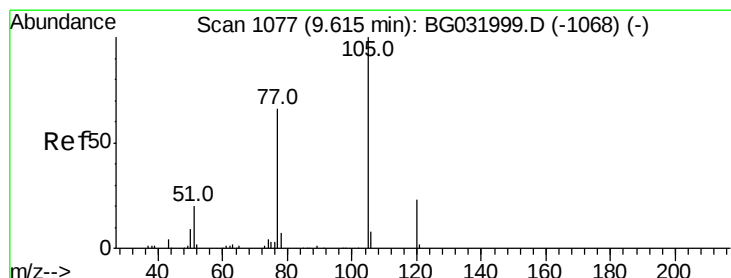
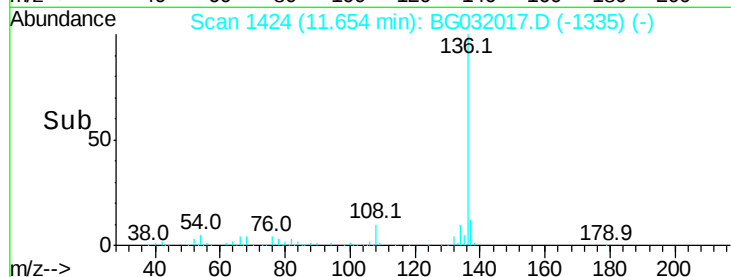
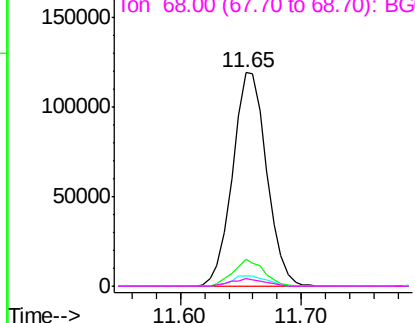
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	234140
Ion Ratio	Lower	Upper
136 100		
137 12.3	9.2	13.8
54 5.0	10.3	15.5#
68 3.6	4.5	6.7#

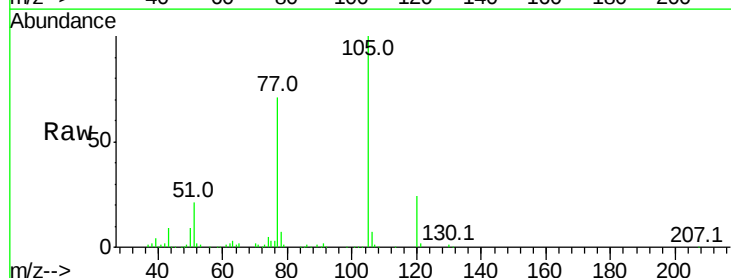


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

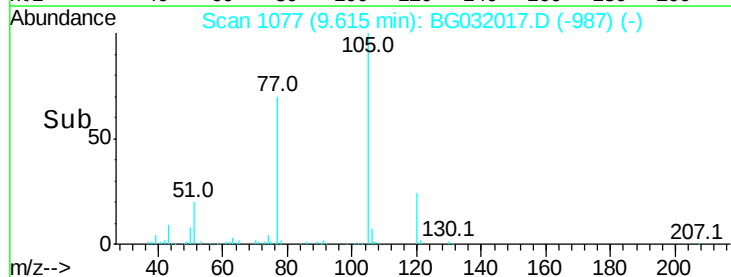
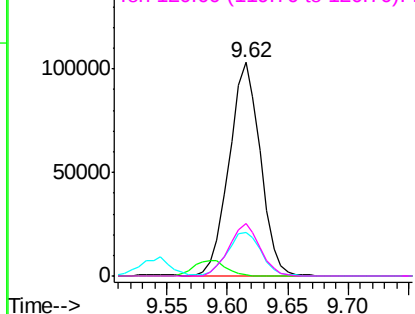


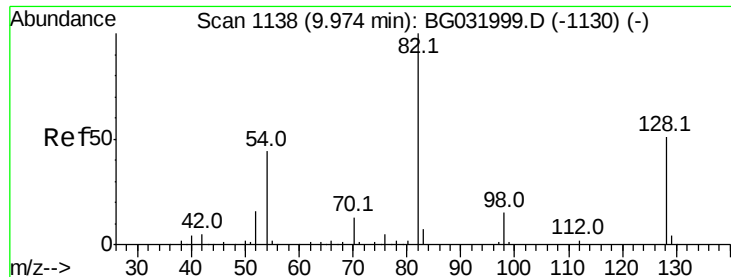
#22
Acetophenone
Concen: 34.912 ng
RT: 9.62 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt	Ion:105	Resp:	185680
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	20.6	26.1	39.1#
120	24.5	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

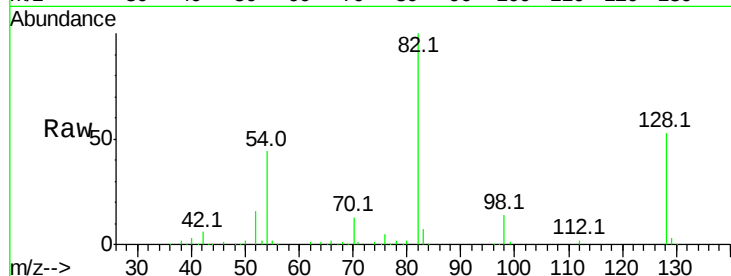




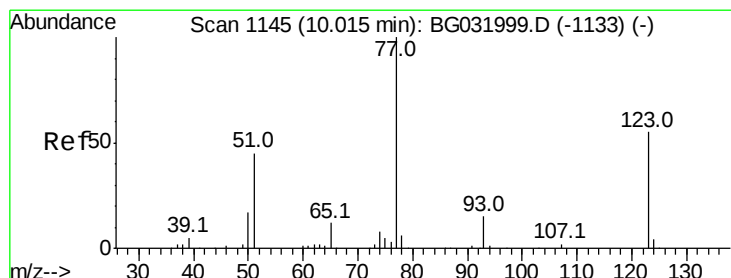
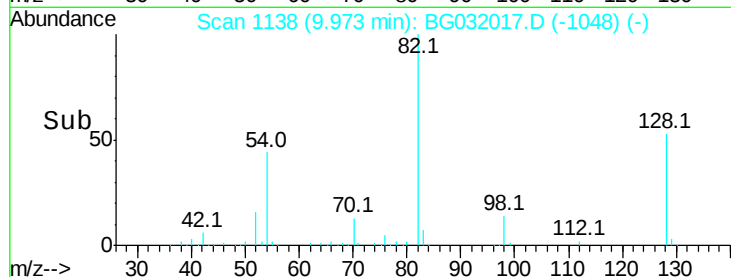
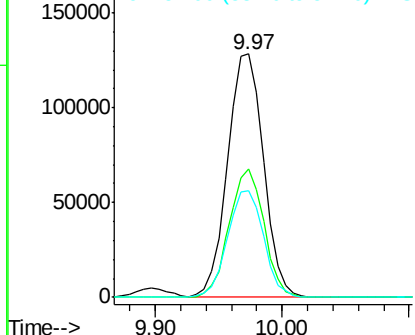
#23
Nitrobenzene-d5
Concen: 72.715 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 251654
Ion Ratio Lower Upper
82 100
128 52.9 29.7 44.5#
54 44.0 43.1 64.7

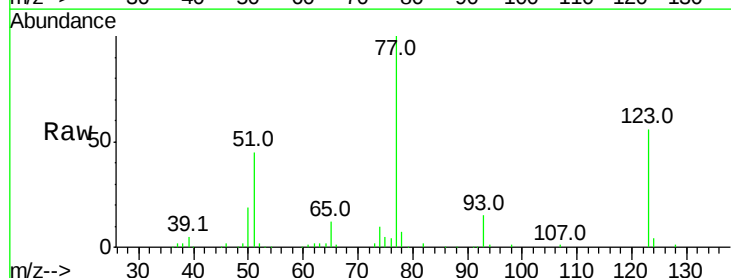


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

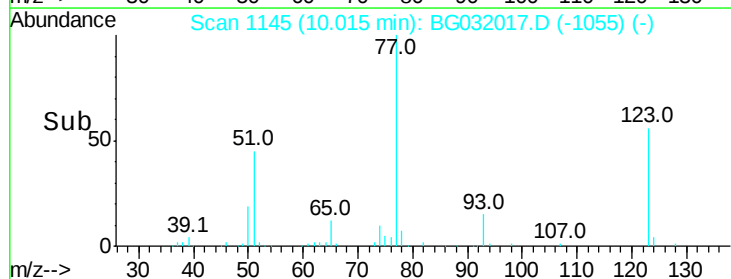
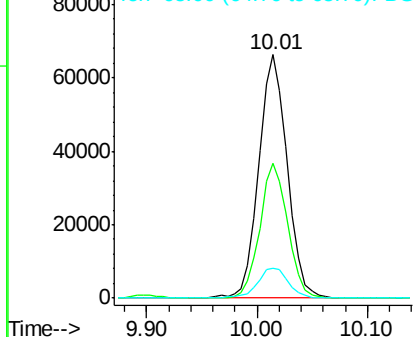


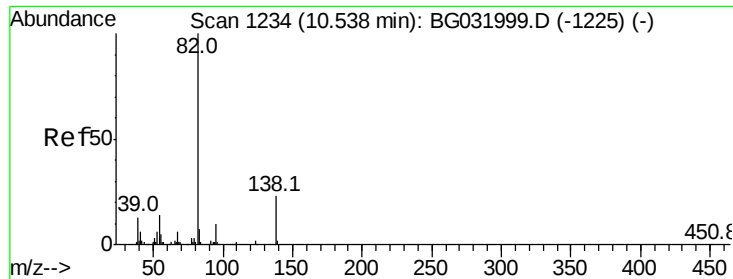
#24
Nitrobenzene
Concen: 34.644 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 77 Resp: 119596
Ion Ratio Lower Upper
77 100
123 55.6 33.0 49.6#
65 12.4 13.0 19.6#



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





#25

Isophorone

Concen: 37.165 ng

RT: 10.54 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

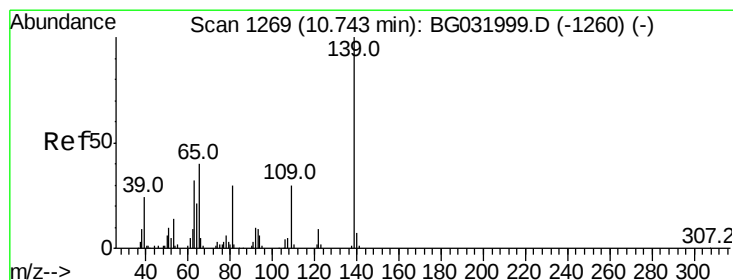
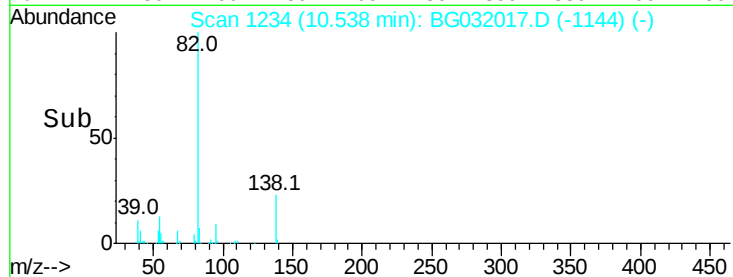
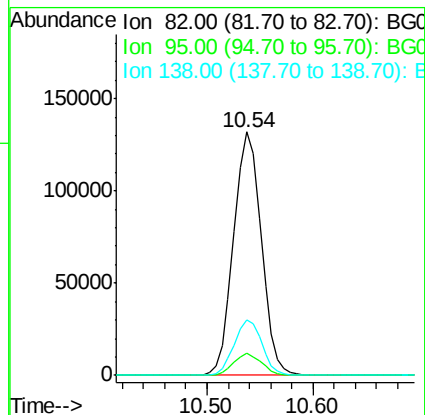
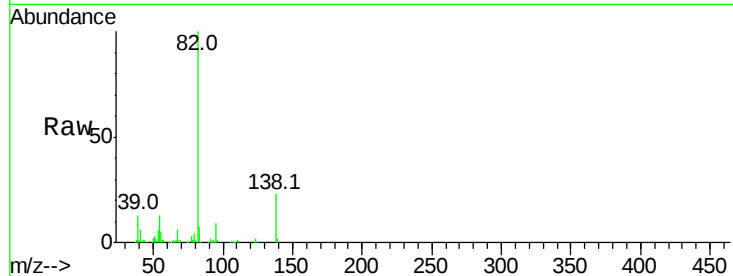
Tot Ion: 82 Resp: 239498

Ion Ratio Lower Upper

82 100

95 9.3 6.2 9.2#

138 22.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 38.312 ng

RT: 10.74 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

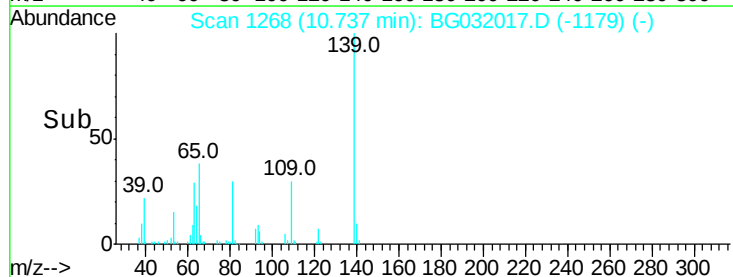
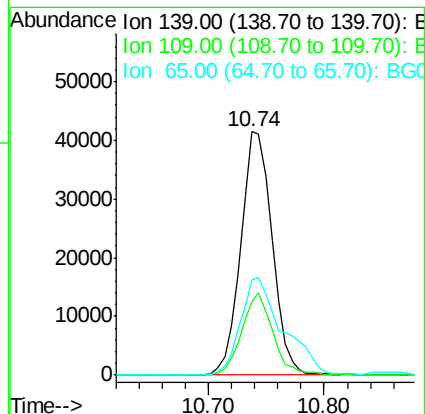
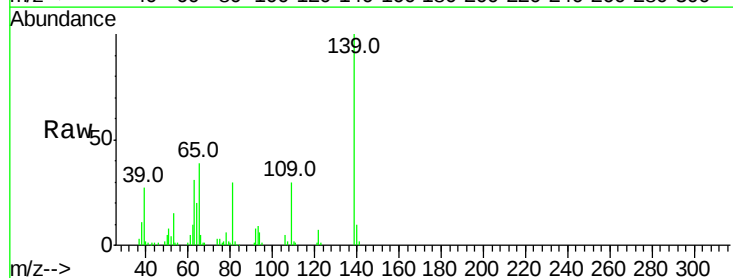
Tgt Ion: 139 Resp: 78366

Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 39.1 47.4 71.0#

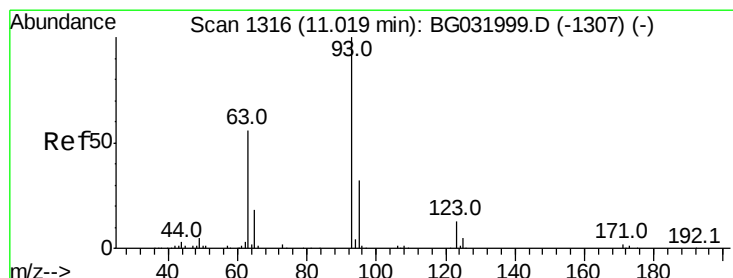
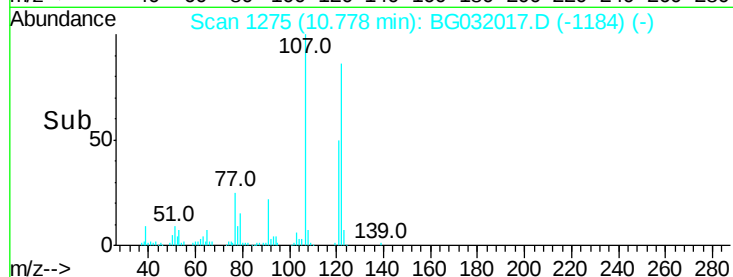
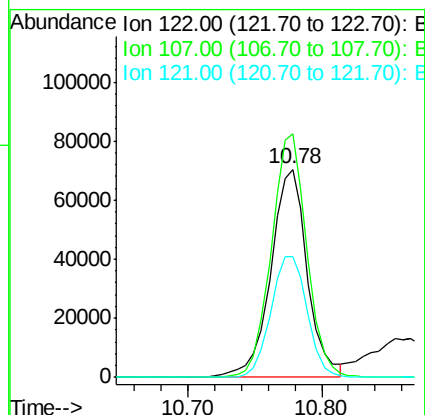
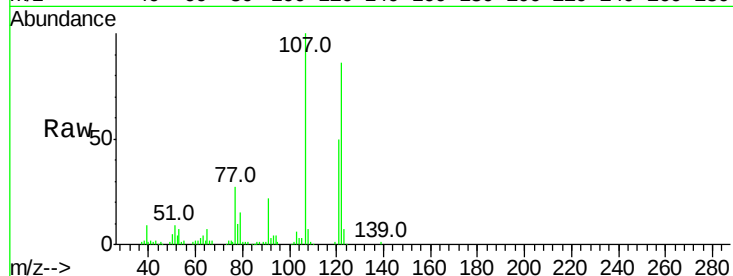




#27
2,4-Dimethylphenol
Concen: 41.367 ng
RT: 10.78 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

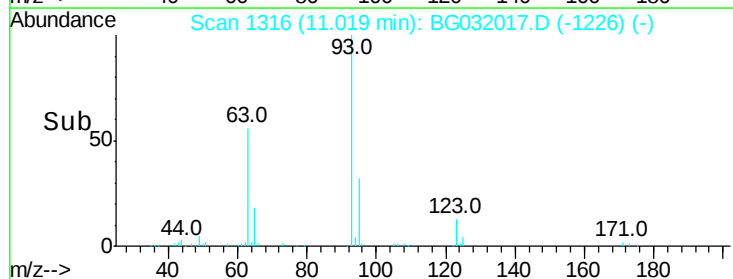
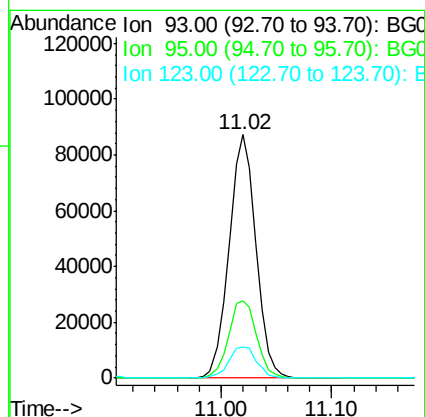
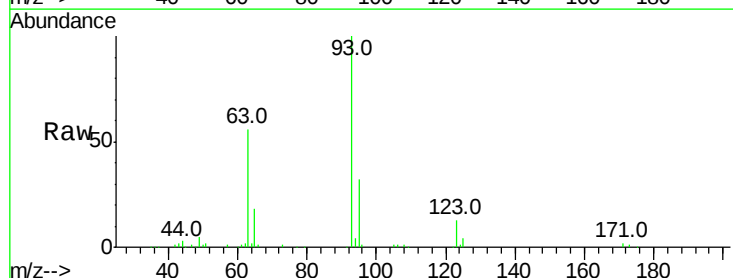
Instrument :
BNA_G
ClientSampleId :

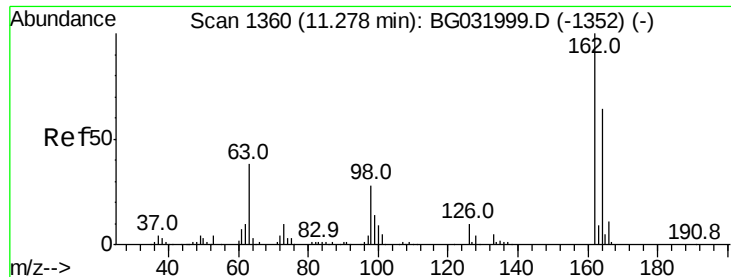
Tot Ion:122 Resp: 134276
Ion Ratio Lower Upper
122 100
107 116.9 100.2 150.2
121 58.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.314 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 93 Resp: 148760
Ion Ratio Lower Upper
93 100
95 31.9 24.3 36.5
123 12.9 8.4 12.6#

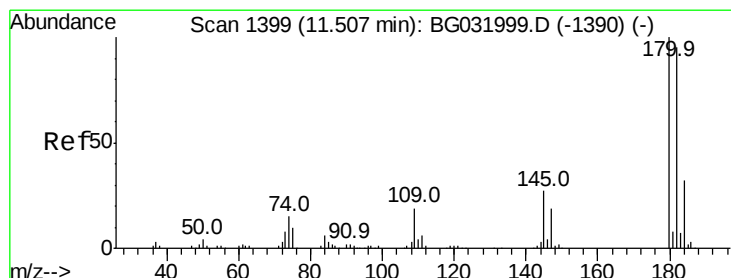
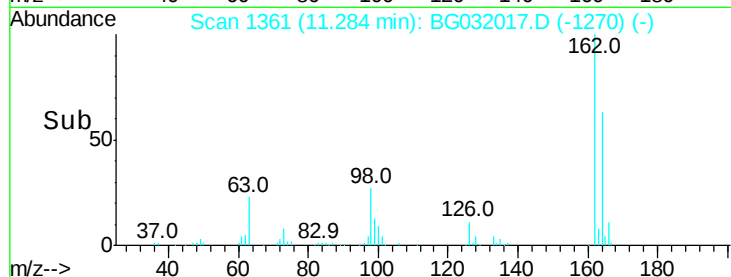
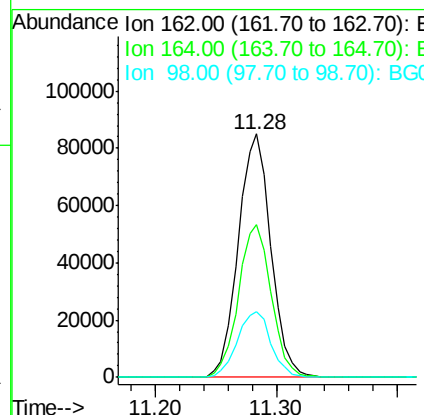
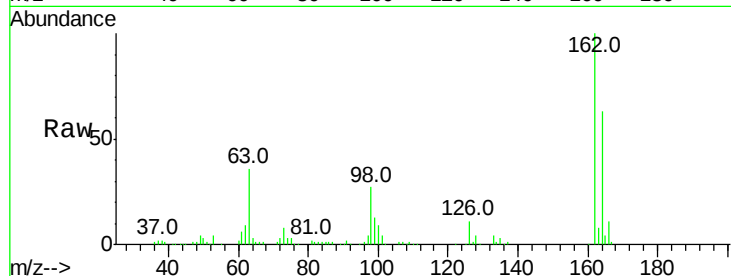




#29
 2,4-Dichlorophenol
 Concen: 39.977 ng
 RT: 11.28 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

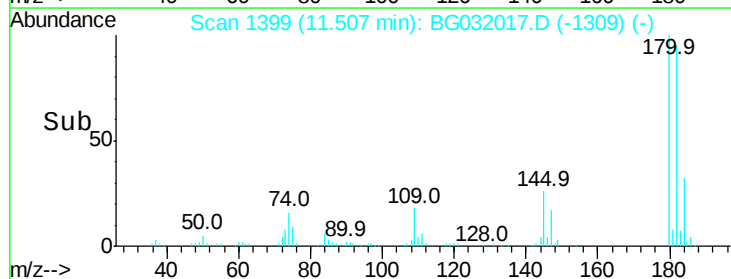
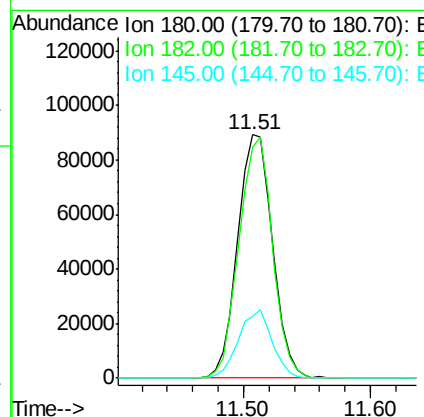
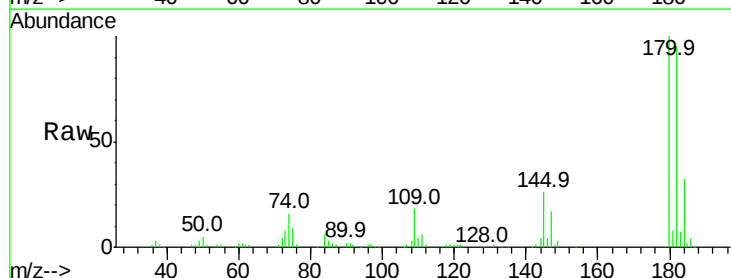
Instrument :
 BNA_G
 ClientSampled :

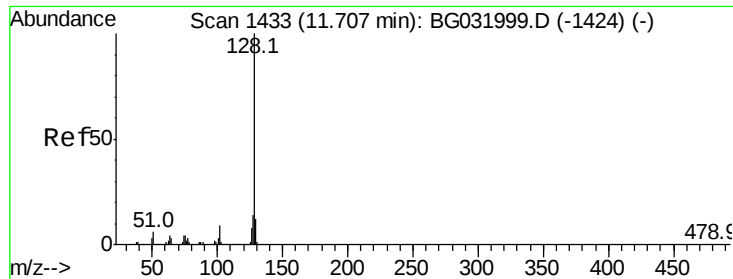
Tot Ion	162	Resp	159670
Ion	Ratio	Lower	Upper
162	100		
164	62.9	48.0	88.0
98	27.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.887 ng
 RT: 11.51 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion	180	Resp	169637
Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	25.6	23.4	35.2

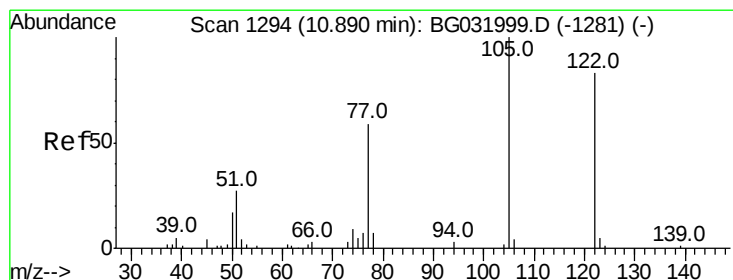
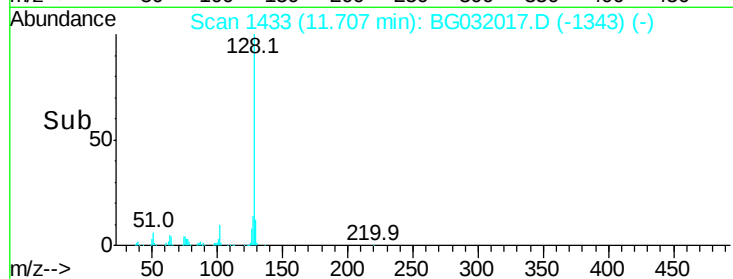
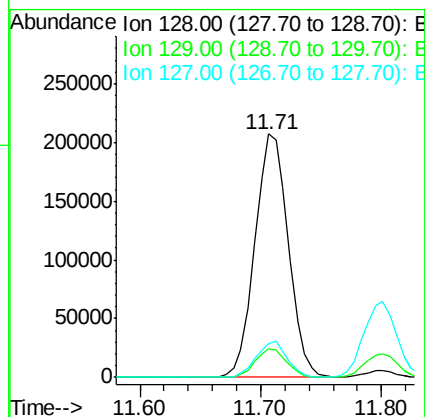
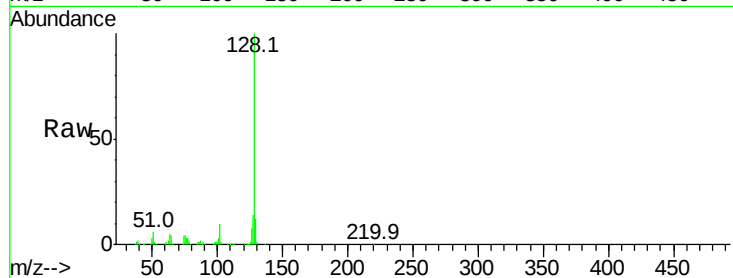




#31
Naphthalene
Concen: 34.286 ng
RT: 11.71 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

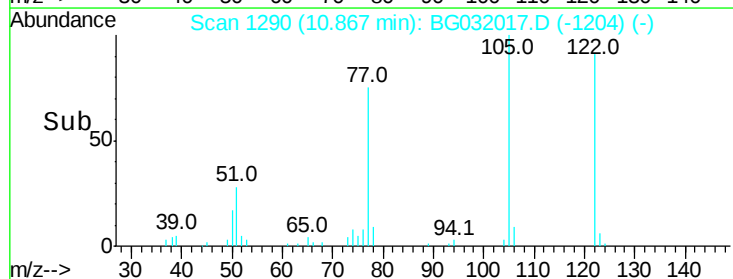
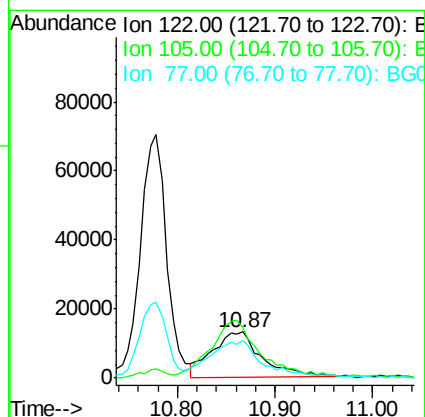
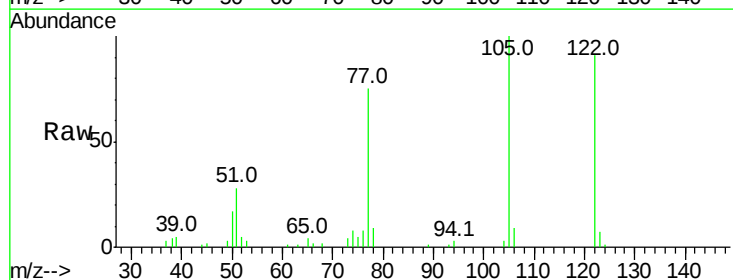
Instrument :
BNA_G
ClientSampled :

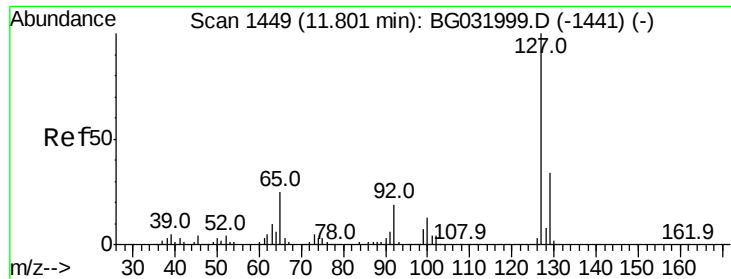
Tot Ion:128 Resp: 397672
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 20.614 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:122 Resp: 44907
Ion Ratio Lower Upper
122 100
105 109.4 123.5 163.5#
77 81.5 85.7 125.7#

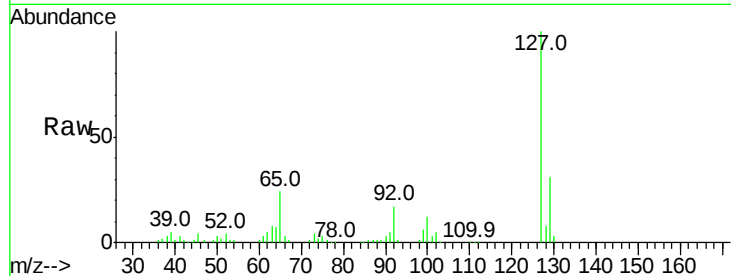




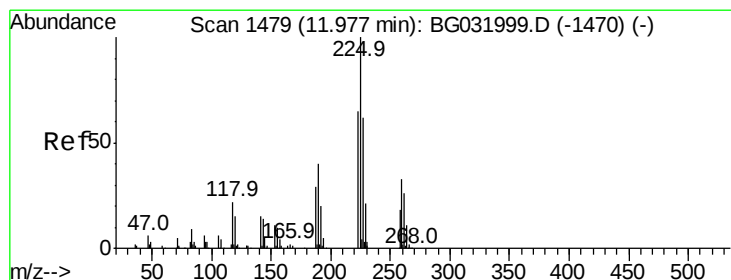
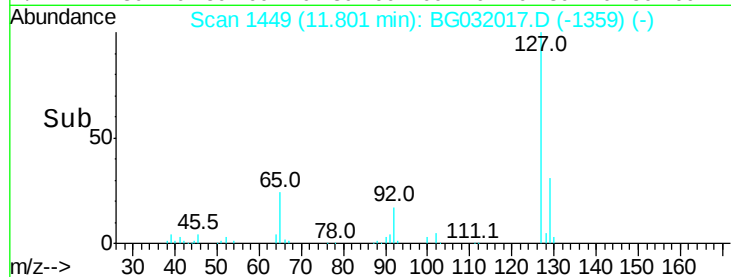
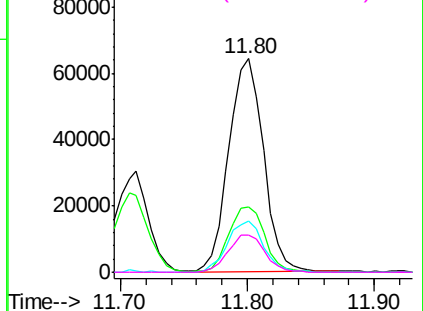
#33
4-Chloroaniline
Concen: 24.508 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	121896
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	24.3	27.0	40.4
92	17.4	16.6	25.0

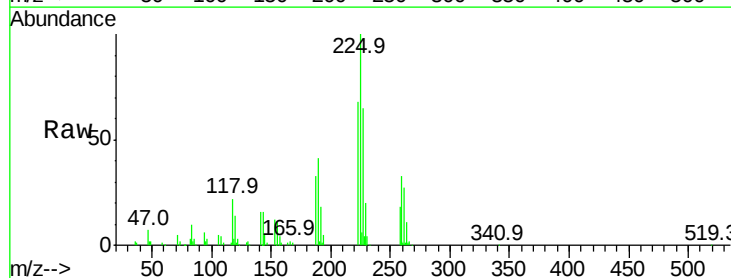


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

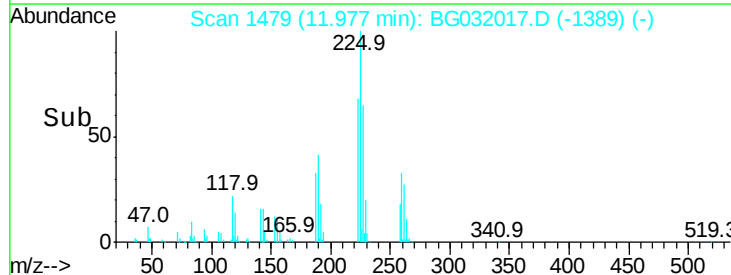
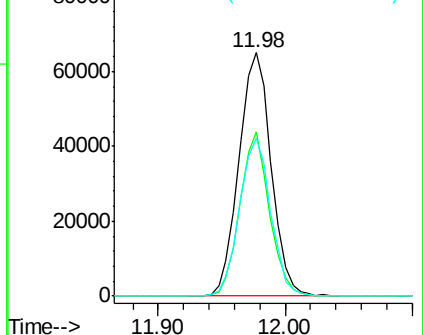


#34
Hexachlorobutadiene
Concen: 30.953 ng
RT: 11.98 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:	225	Resp:	114679
Ion	Ratio	Lower	Upper
225	100		
223	67.6	49.7	74.5
227	64.8	48.1	72.1



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





#35

Caprolactam

Concen: 39.592 ng

RT: 12.54 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

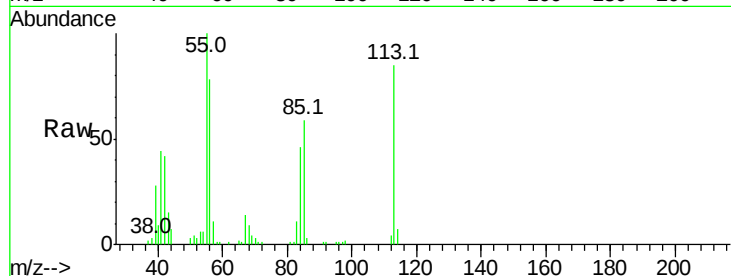
Tot Ion:113 Resp: 47974

Ion Ratio Lower Upper

113 100

55 117.6 186.9 226.9#

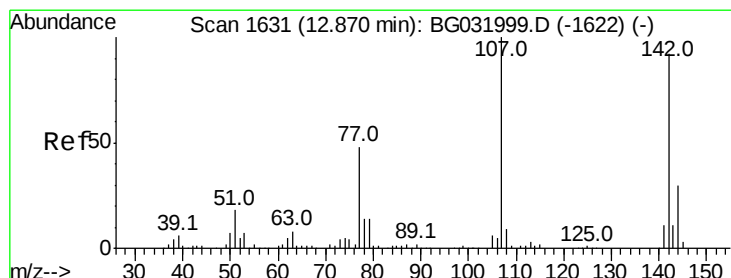
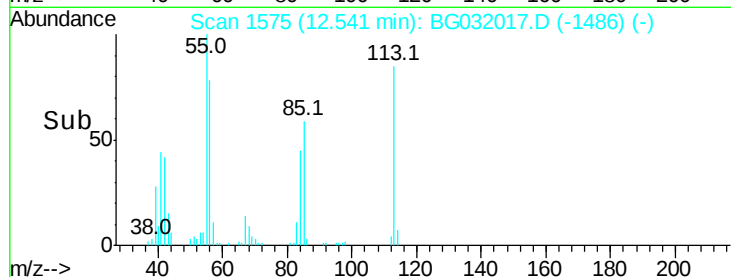
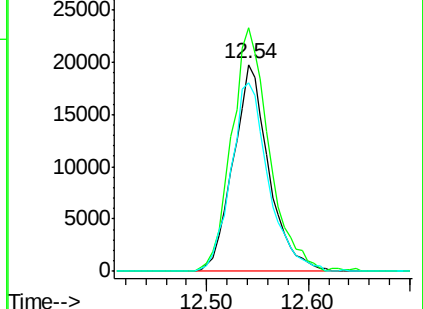
56 91.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.989 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

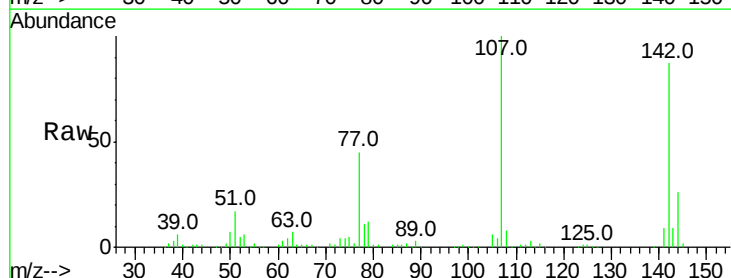
Tgt Ion:107 Resp: 146195

Ion Ratio Lower Upper

107 100

144 26.4 18.2 27.4

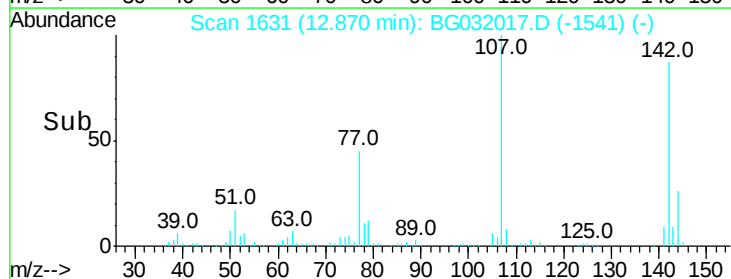
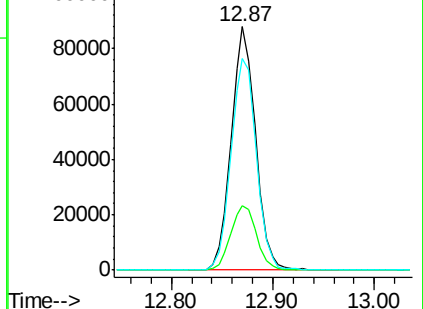
142 87.0 59.0 88.4

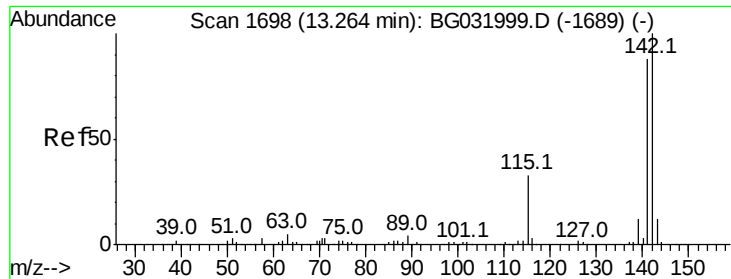


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

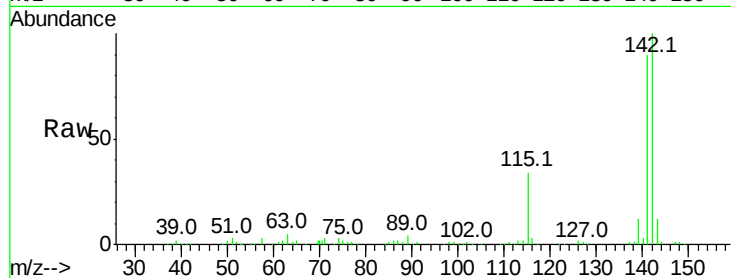




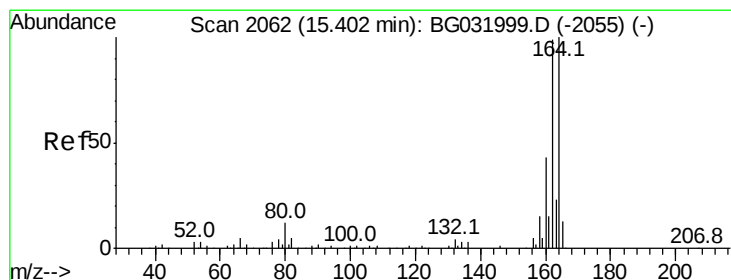
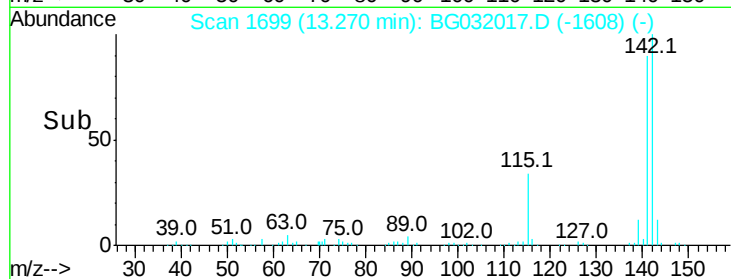
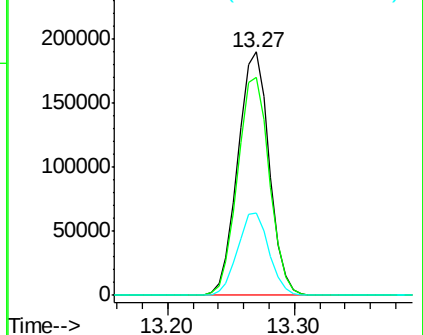
#37
2-Methylnaphthalene
Concen: 35.432 ng
RT: 13.27 min Scan# 1699
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 326279
Ion Ratio Lower Upper
142 100
141 89.6 67.1 100.7
115 33.7 30.7 46.1

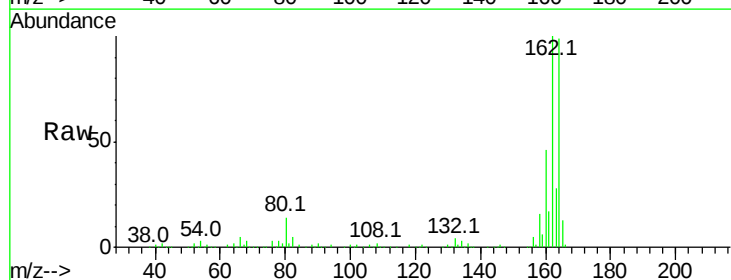


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

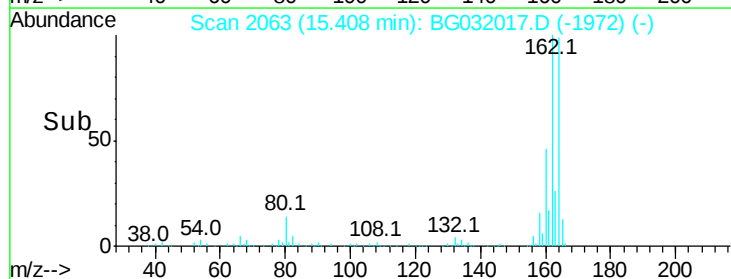
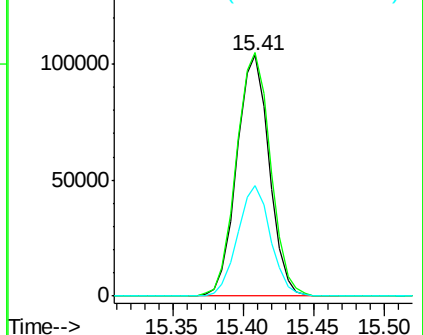


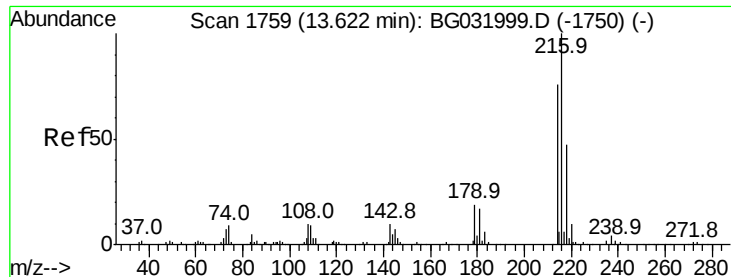
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:164 Resp: 166534
Ion Ratio Lower Upper
164 100
162 101.1 78.8 118.2
160 46.2 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.391 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 235134

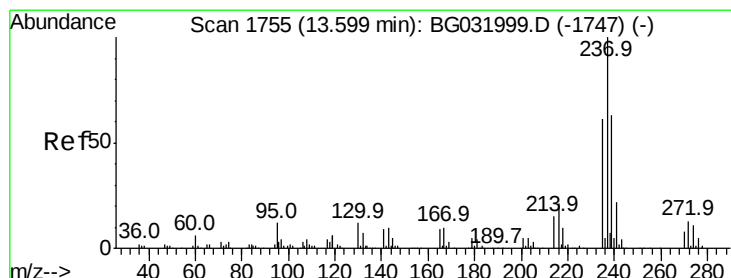
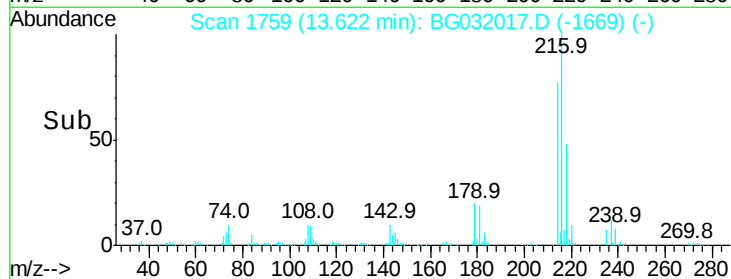
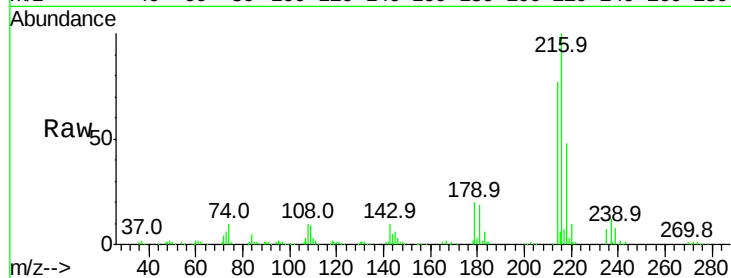
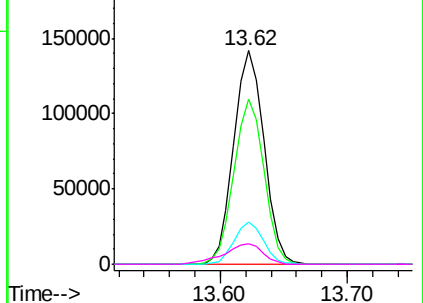
Ion	Ratio	Lower	Upper
216	100		
214	76.5	63.0	94.4
179	19.2	17.0	25.6
108	12.0	12.8	19.2#

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: 70.469 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

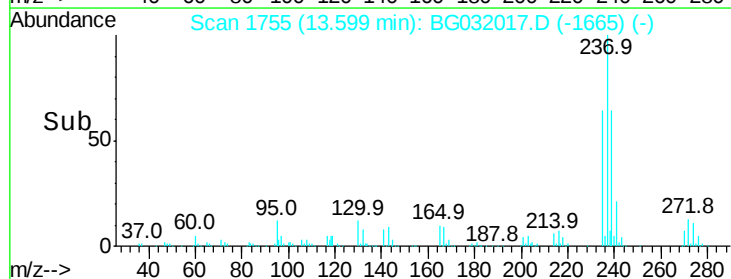
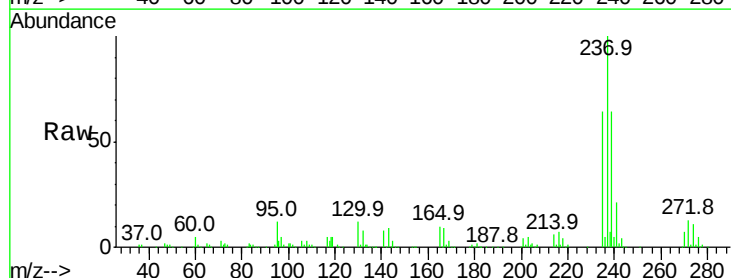
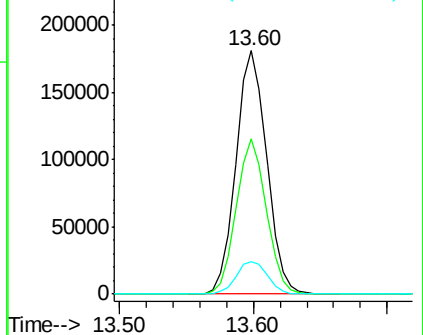
Tgt Ion:237 Resp: 288123

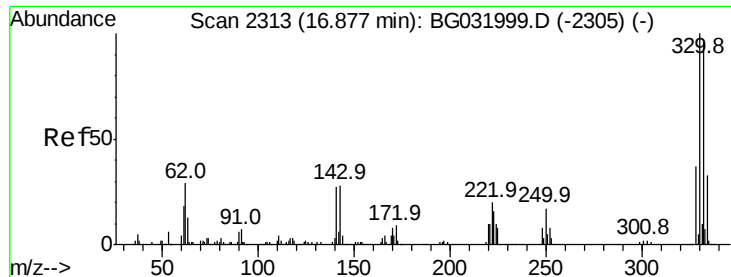
Ion	Ratio	Lower	Upper
237	100		
235	64.0	50.4	90.4
272	13.1	0.0	31.8

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

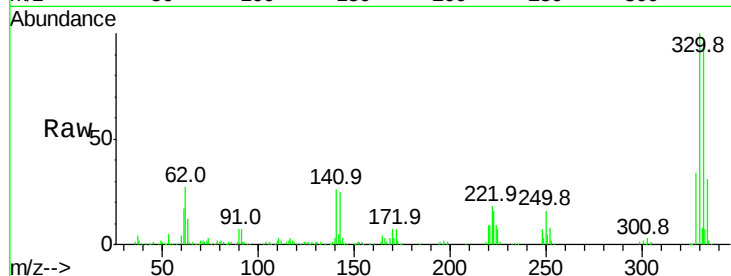




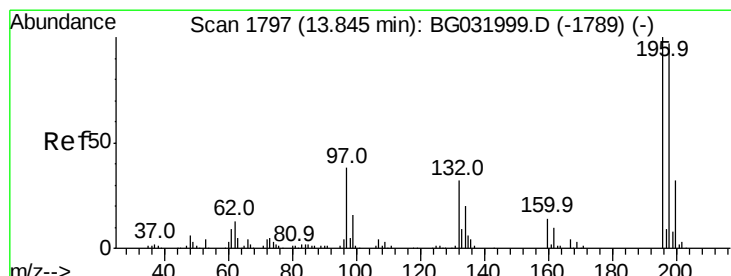
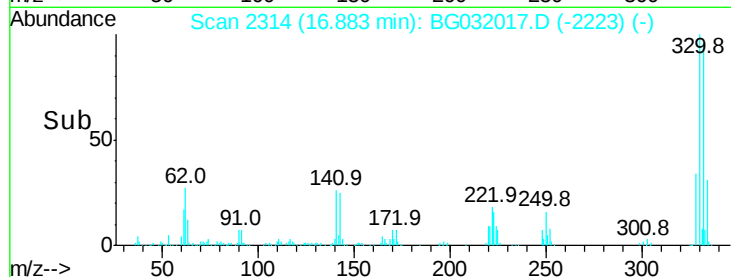
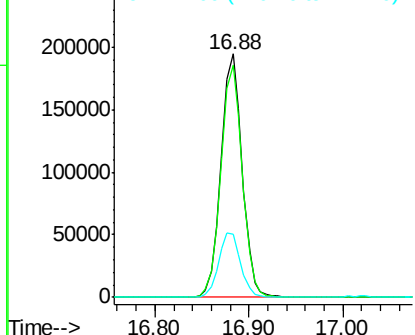
#41
 2,4,6-Tribromophenol
 Concen: 110.729 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 305142
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 27.5 25.2 37.8

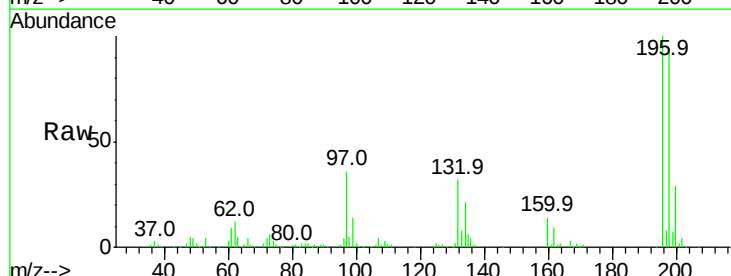


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

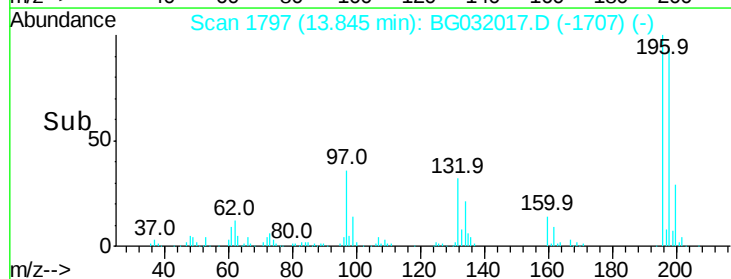
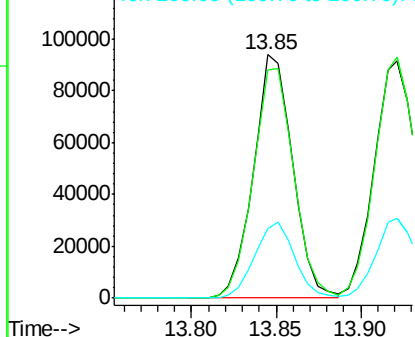


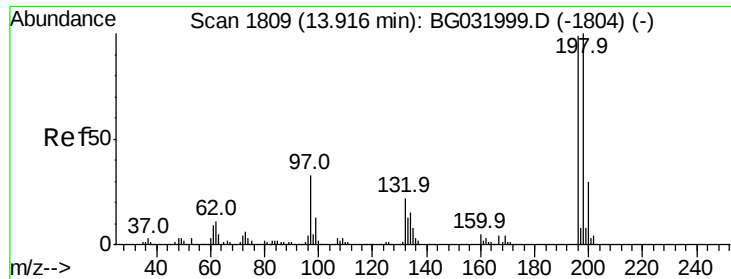
#42
 2,4,6-Trichlorophenol
 Concen: 37.243 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion:196 Resp: 151908
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.2 117.2
 200 28.8 24.6 36.8



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

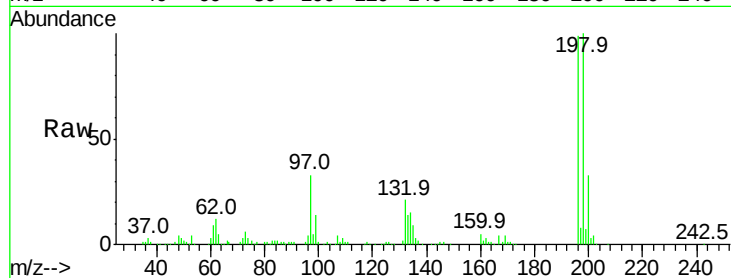




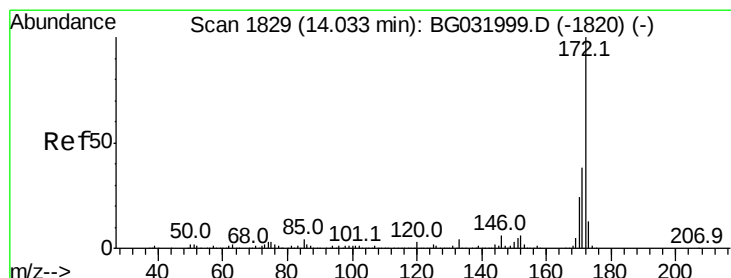
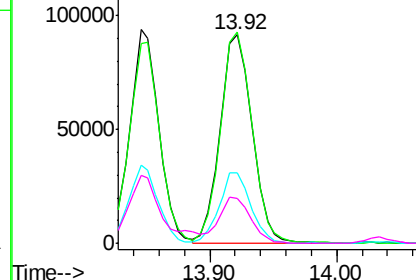
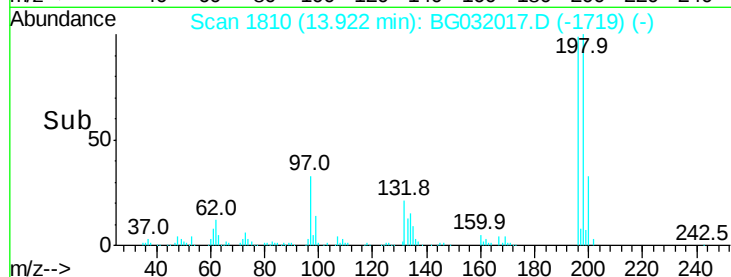
#43
2,4,5-Trichlorophenol
Concen: 34.111 ng
RT: 13.92 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 161044
Ion Ratio Lower Upper
196 100
198 101.4 76.2 114.4
97 33.8 38.7 58.1#
132 21.4 20.2 30.2

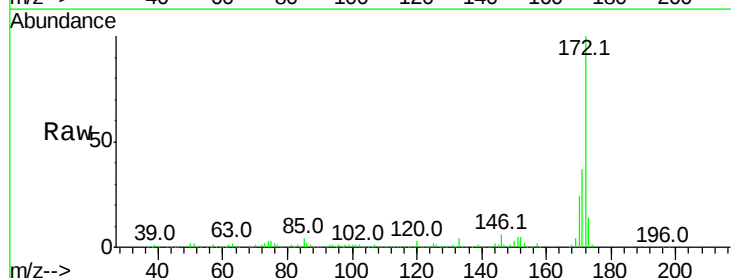


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

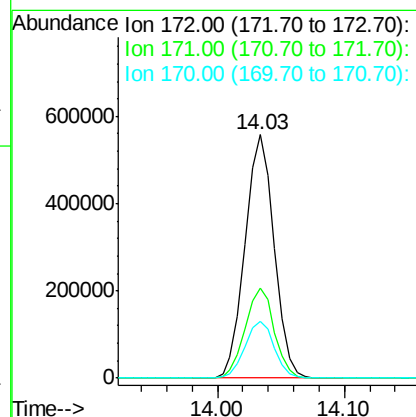
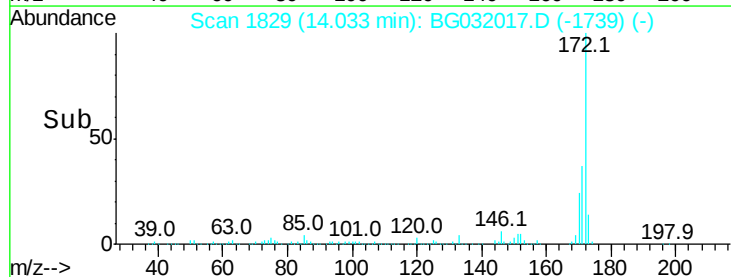


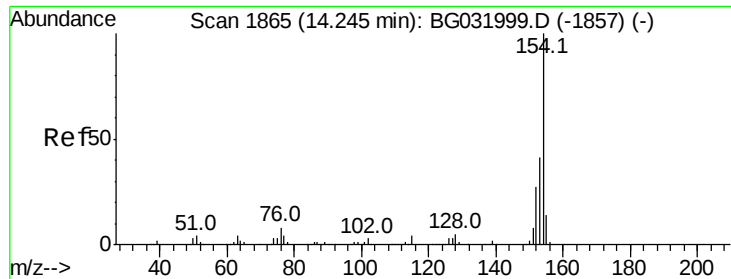
#44
2-Fluorobiphenyl
Concen: 65.997 ng
RT: 14.03 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:172 Resp: 886392
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 23.5 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

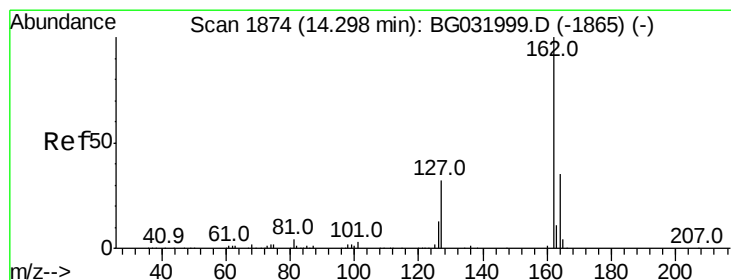
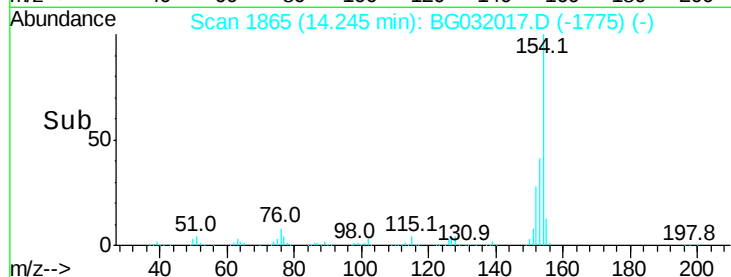
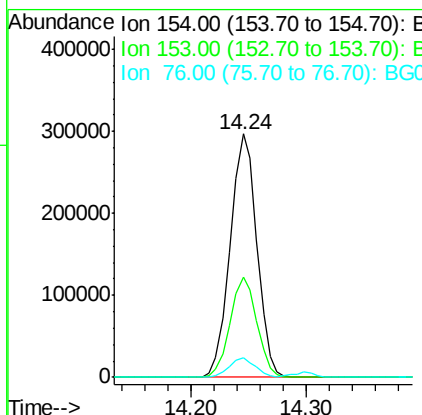
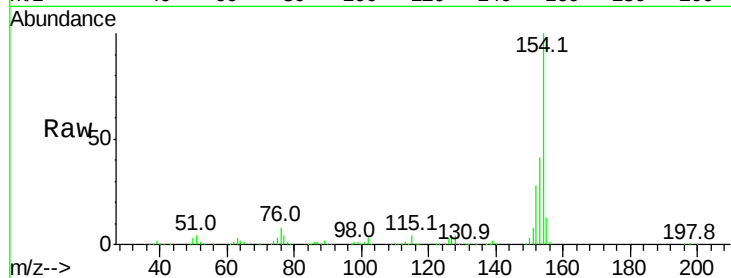




#45
 1,1'-Biphenyl
 Concen: 33.202 ng
 RT: 14.24 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

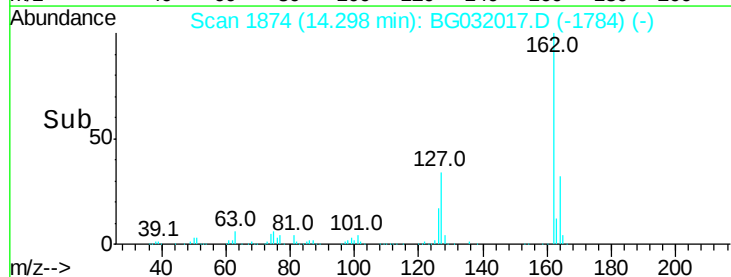
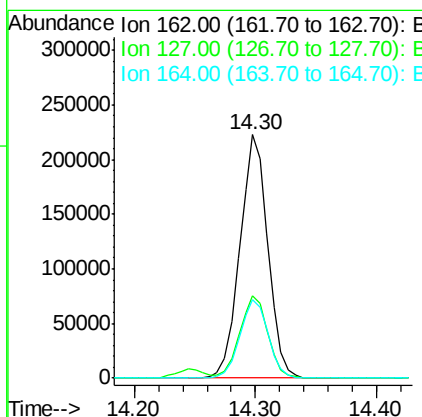
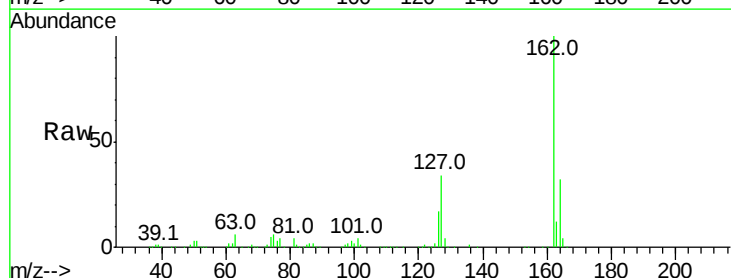
Instrument :
 BNA_G
 ClientSampleId :

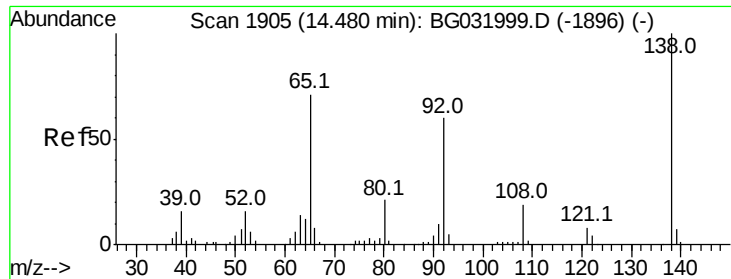
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	7.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 32.184 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.7	30.7	46.1
164	32.4	26.0	39.0

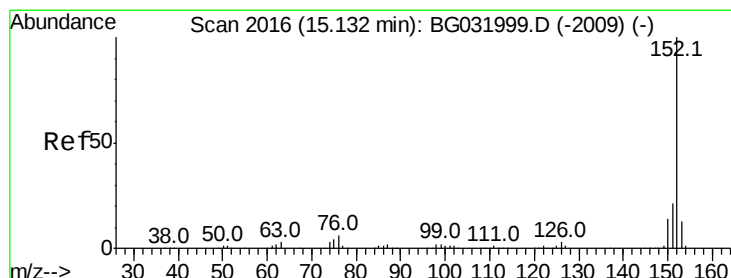
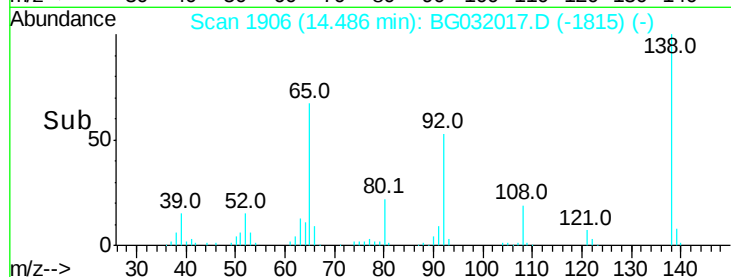
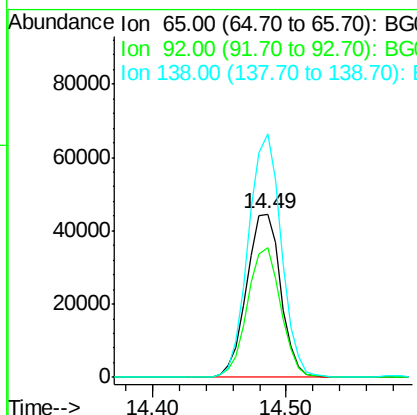
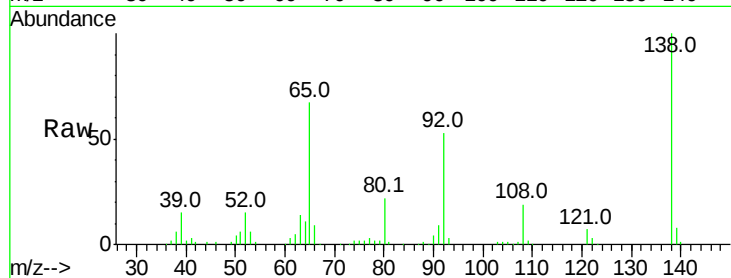




#47
2-Nitroaniline
Concen: 36.906 ng
RT: 14.49 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

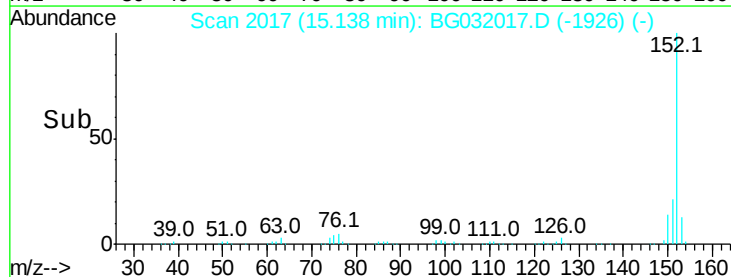
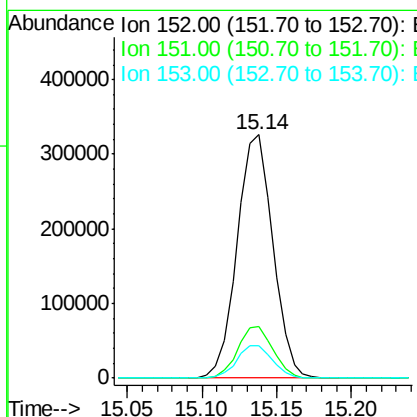
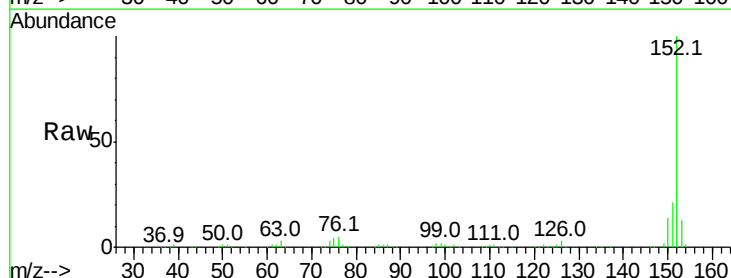
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 78469
Ion Ratio Lower Upper
65 100
92 79.4 54.6 82.0
138 148.9 72.9 109.3#



#48
Acenaphthylene
Concen: 32.034 ng
RT: 15.14 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:152 Resp: 541780
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.2 10.2 15.4





#49

Dimethylphthalate

Concen: 38.186 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

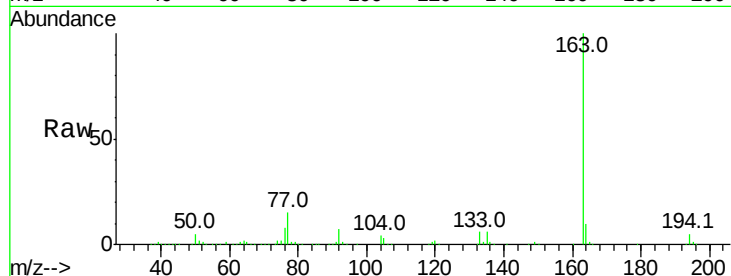
Tot Ion:163 Resp: 556488

Ion Ratio Lower Upper

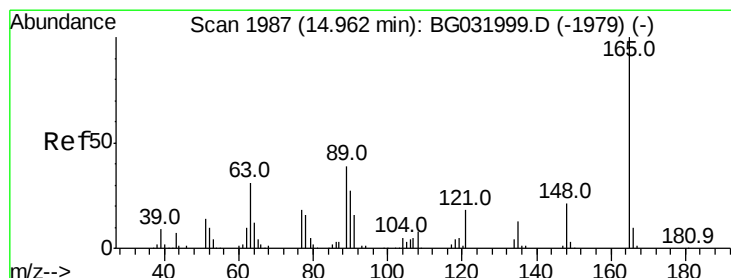
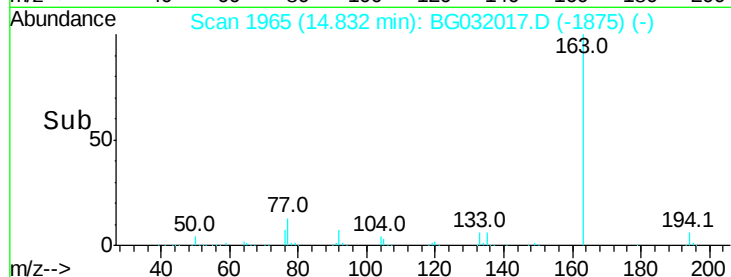
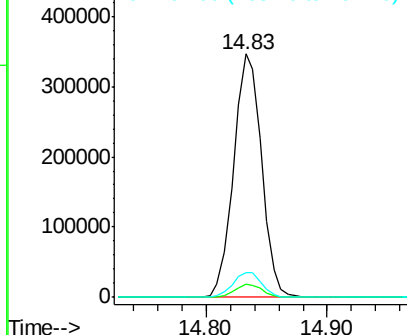
163 100

194 5.2 3.4 5.2#

164 10.1 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: 36.342 ng

RT: 14.96 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

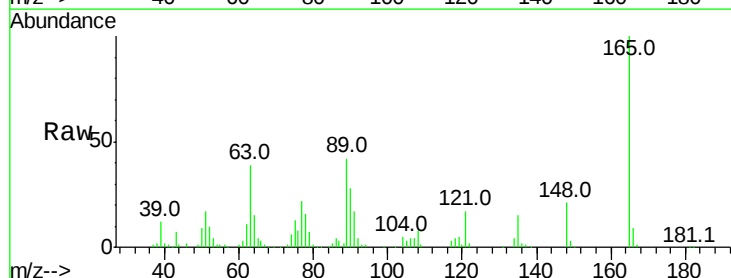
Tgt Ion:165 Resp: 109930

Ion Ratio Lower Upper

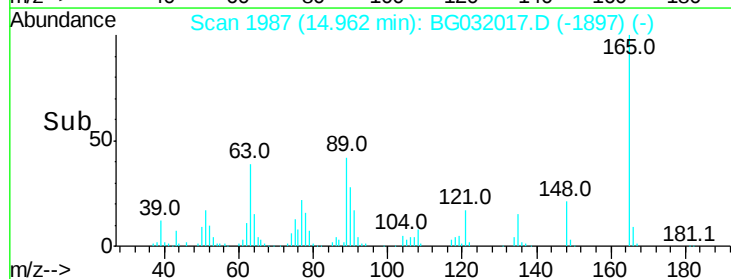
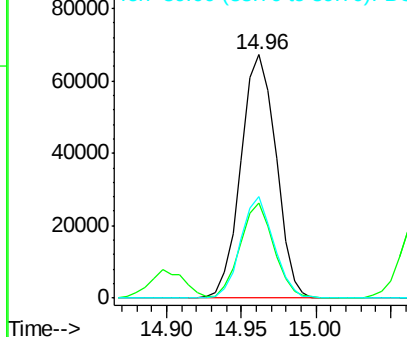
165 100

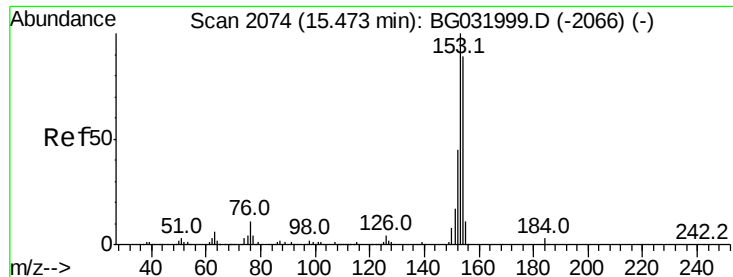
63 39.1 52.7 79.1#

89 41.7 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.072 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

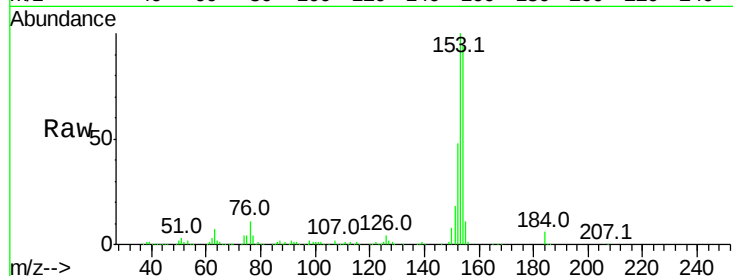
Tot Ion:154 Resp: 403406

Ion Ratio Lower Upper

154 100

153 106.5 90.4 135.6

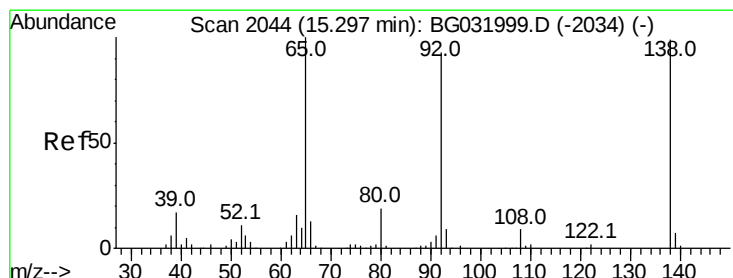
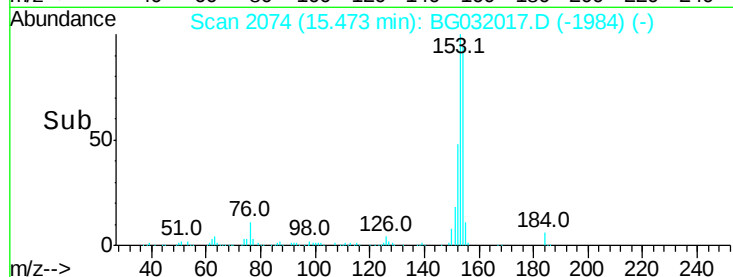
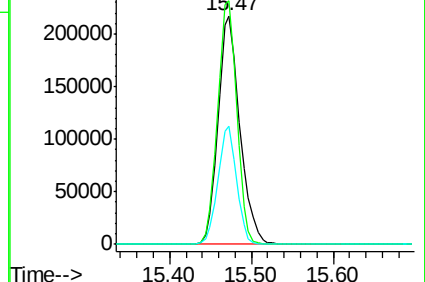
152 51.5 41.6 62.4



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: 28.501 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

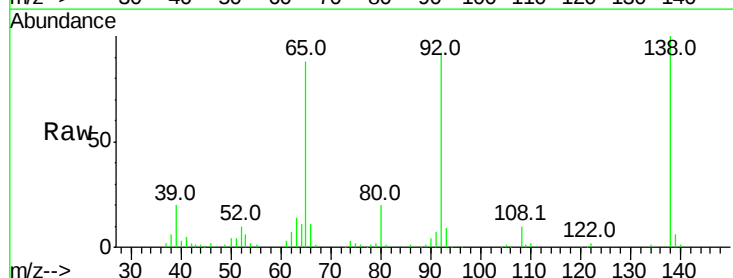
Tgt Ion:138 Resp: 77866

Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

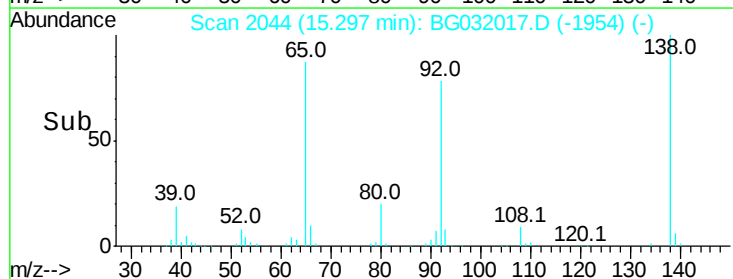
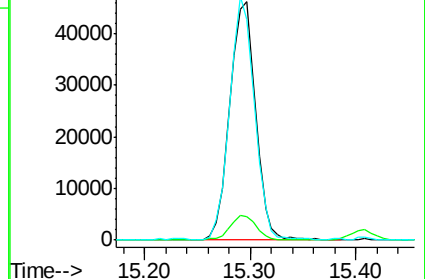
92 92.5 105.8 158.8#

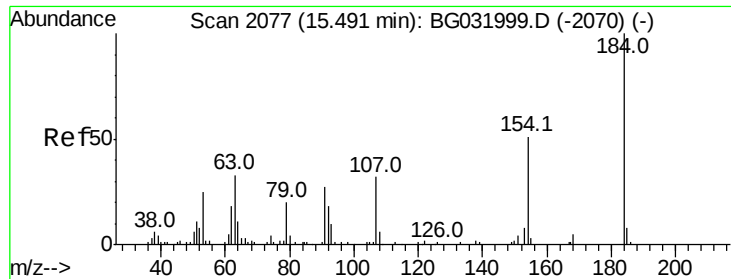


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

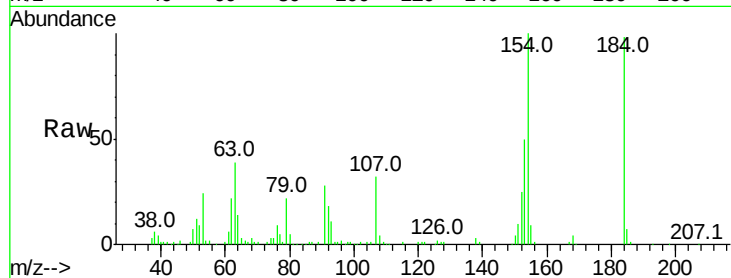




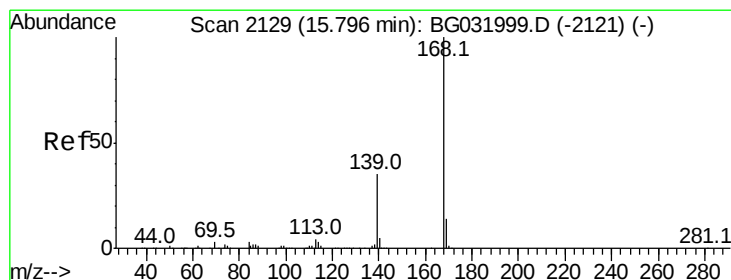
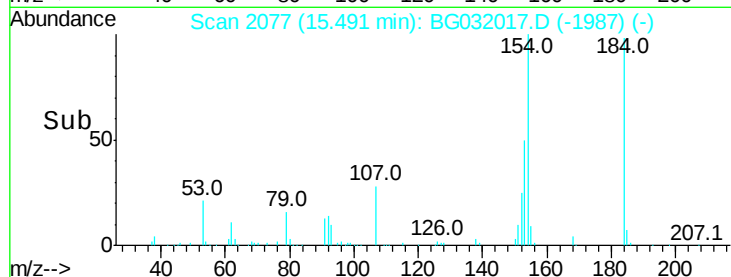
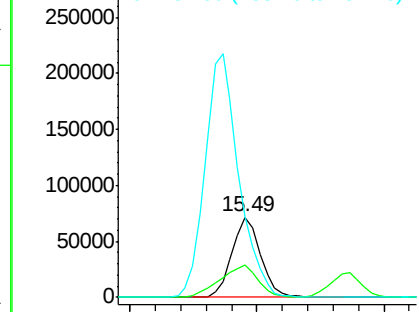
#53
 2,4-Dinitrophenol
 Concen: 74.525 ng
 RT: 15.49 min Scan# 2077
 Delta R.T. 0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
63	40.2	59.8	89.8#
154	101.8	101.8	152.8#

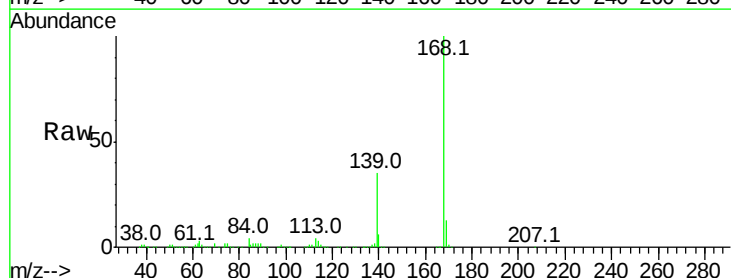


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

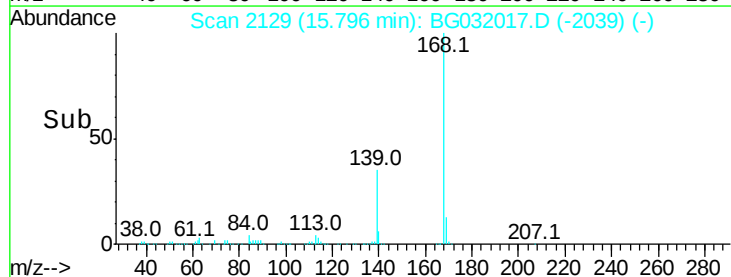
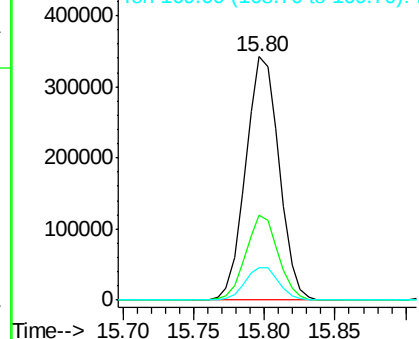


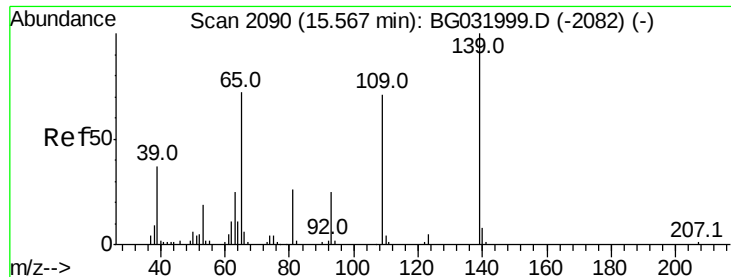
#54
 Dibenzofuran
 Concen: 34.003 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	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

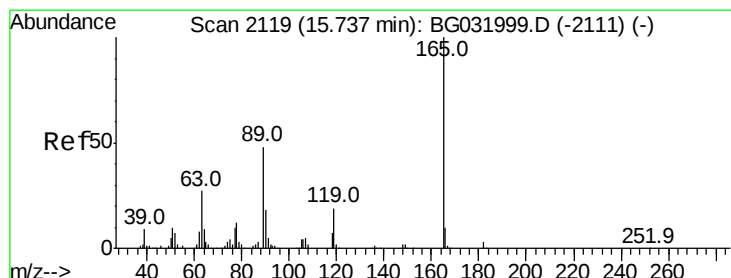
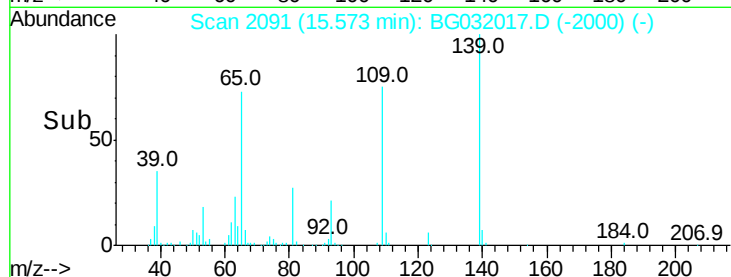
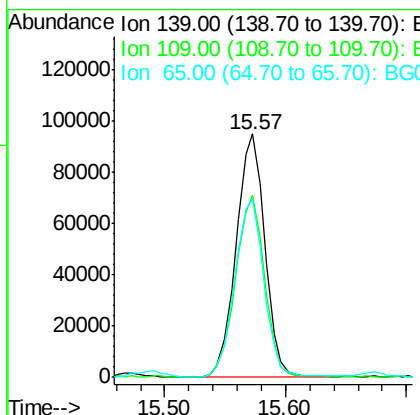
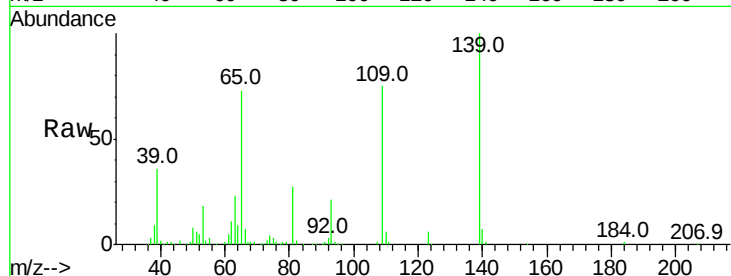




#55
4-Nitrophenol
Concen: 79.648 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

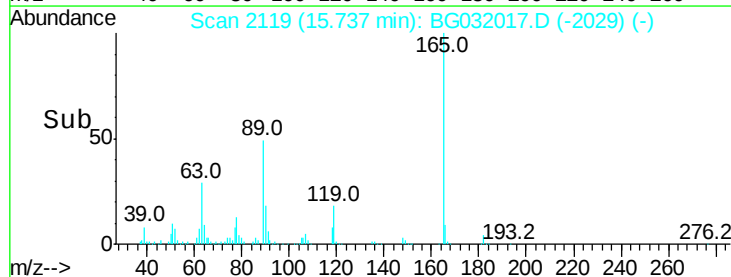
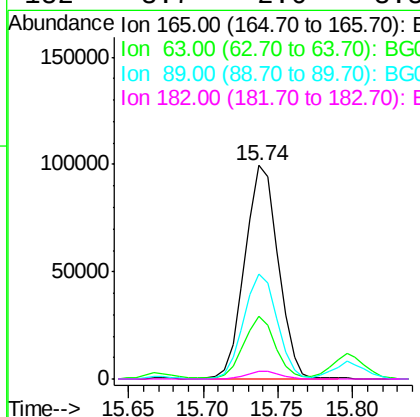
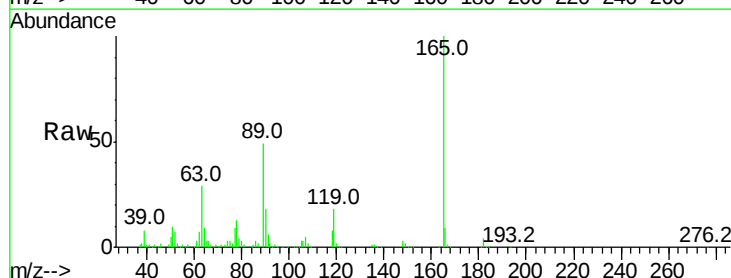
Instrument :
BNA_G
ClientSampleId :

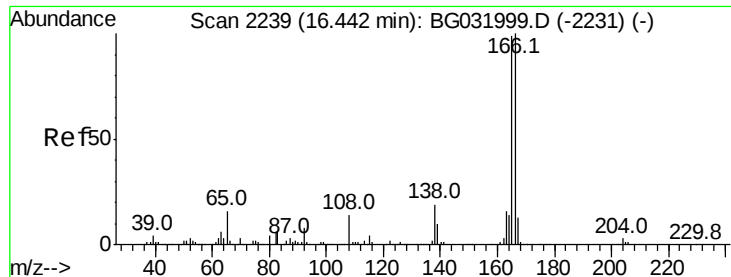
Tot Ion:139 Resp: 158580
Ion Ratio Lower Upper
139 100
109 74.9 62.2 102.2
65 73.5 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 37.853 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:165 Resp: 154153
Ion Ratio Lower Upper
165 100
63 29.3 42.0 63.0#
89 49.3 66.9 100.3#
182 3.7 2.6 3.8





#57

Fluorene

Concen: 32.920 ng

RT: 16.44 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

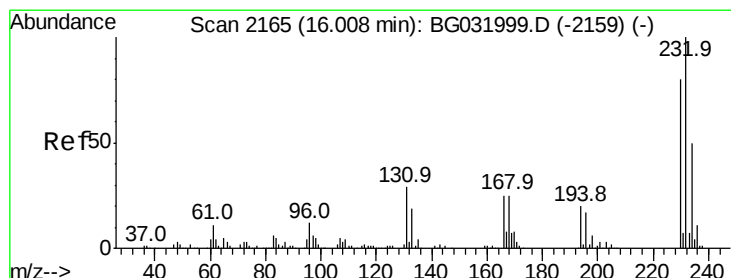
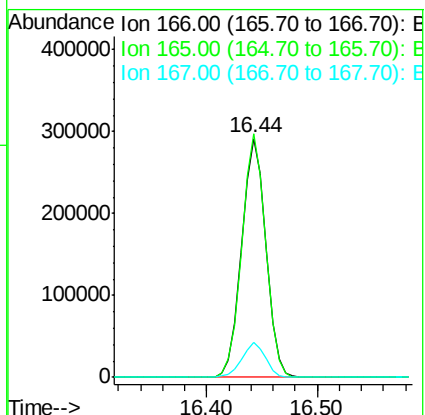
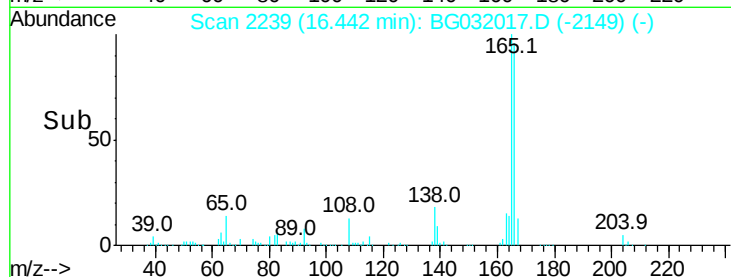
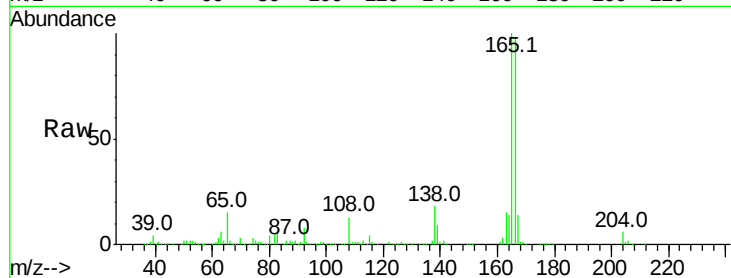
Tot Ion:166 Resp: 450421

Ion Ratio Lower Upper

166 100

165 102.0 80.6 121.0

167 14.4 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.489 ng

RT: 16.01 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Tgt Ion:232 Resp: 168098

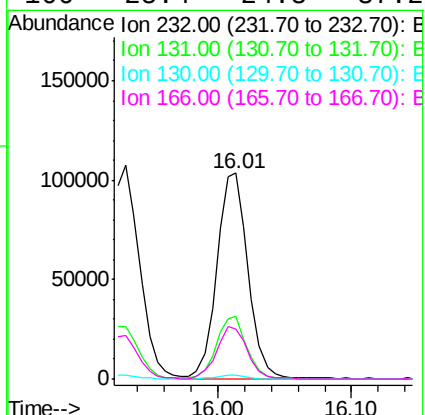
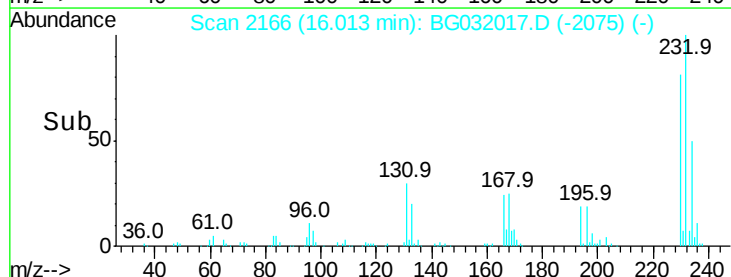
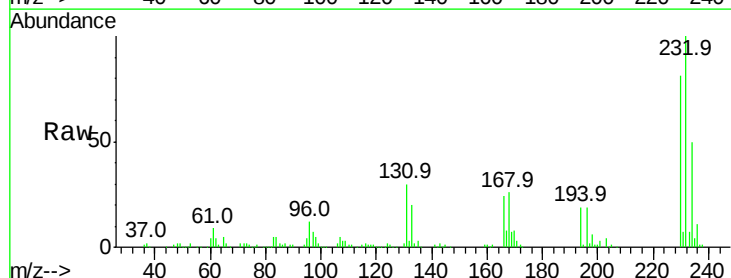
Ion Ratio Lower Upper

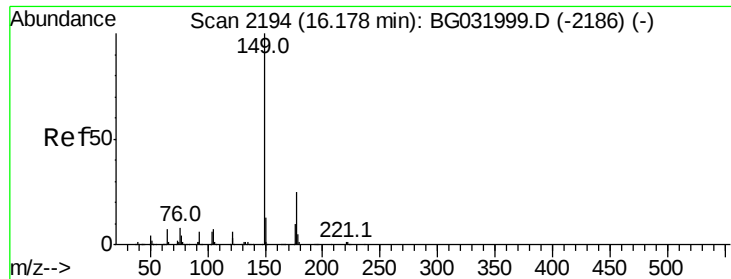
232 100

131 29.3 33.5 50.3#

130 1.9 2.2 3.2#

166 25.4 24.8 37.2





#59

Diethylphthalate

Concen: 33.196 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

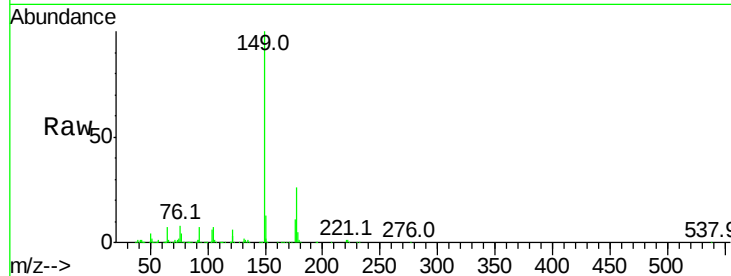
Tot Ion:149 Resp: 468988

Ion Ratio Lower Upper

149 100

177 25.7 18.5 27.7

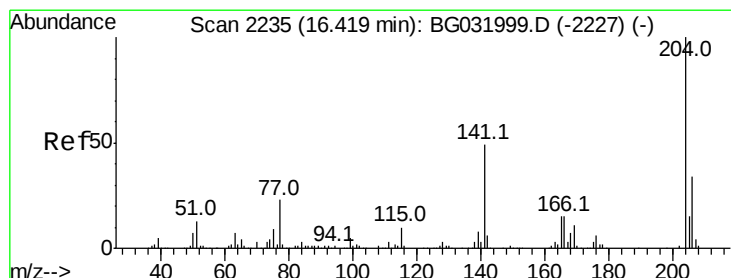
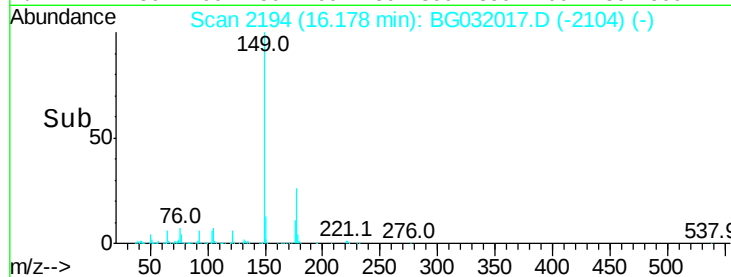
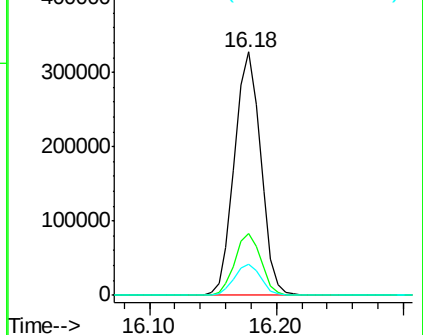
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.441 ng

RT: 16.42 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

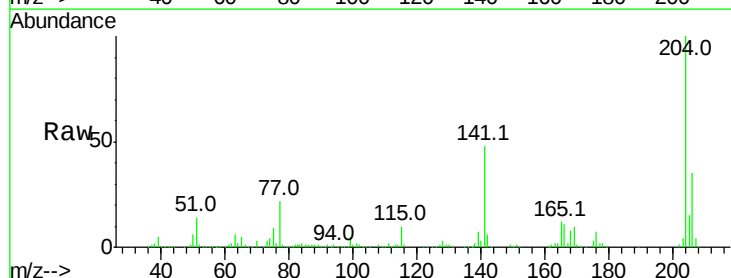
Tgt Ion:204 Resp: 280672

Ion Ratio Lower Upper

204 100

206 35.4 26.2 39.2

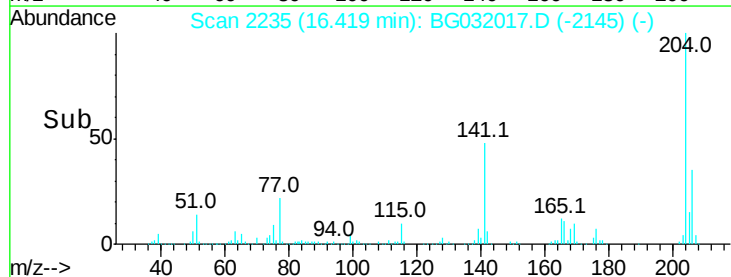
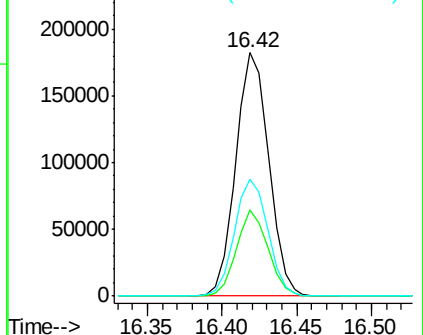
141 48.0 45.8 68.6

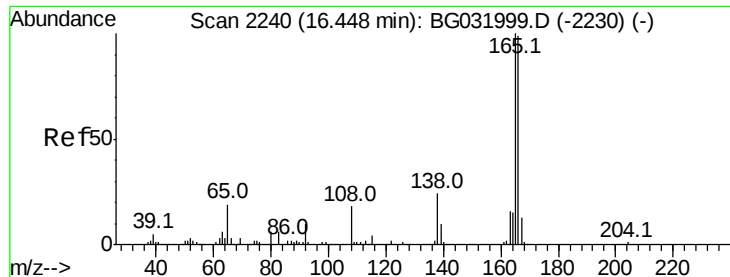


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

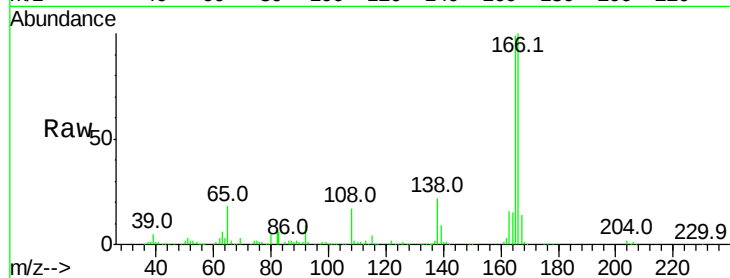




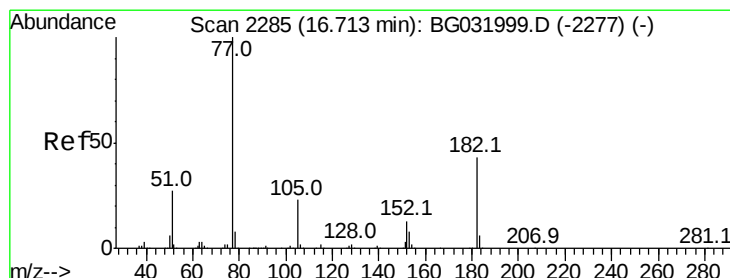
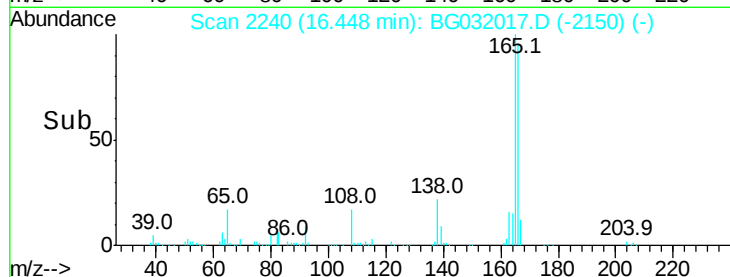
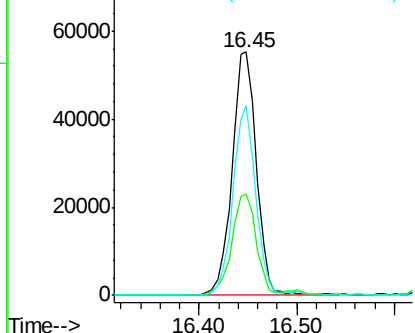
#61
4-Nitroaniline
Concen: 36.491 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 95633
Ion Ratio Lower Upper
138 100
92 41.6 40.1 80.1
108 77.8 65.4 105.4

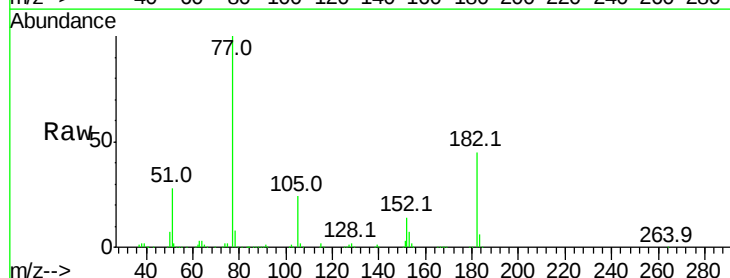


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

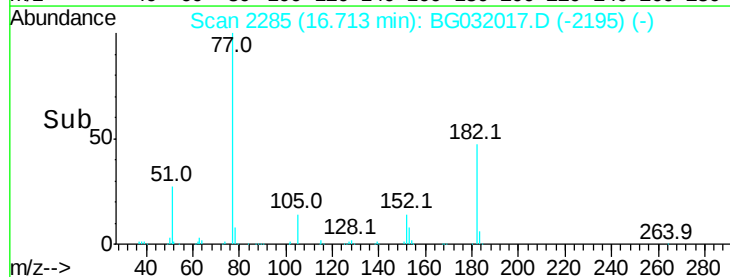
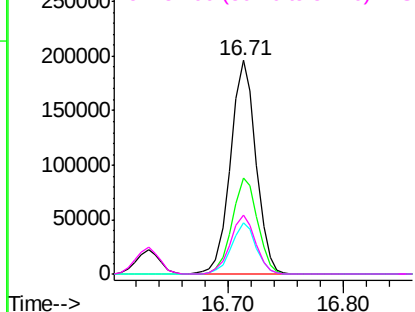


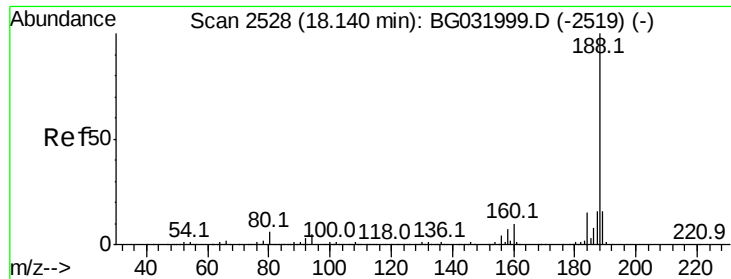
#62
Azobenzene
Concen: 33.762 ng
RT: 16.71 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion: 77 Resp: 298546
Ion Ratio Lower Upper
77 100
182 44.8 7.4 47.4
105 23.9 0.3 40.3
51 27.8 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.14 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

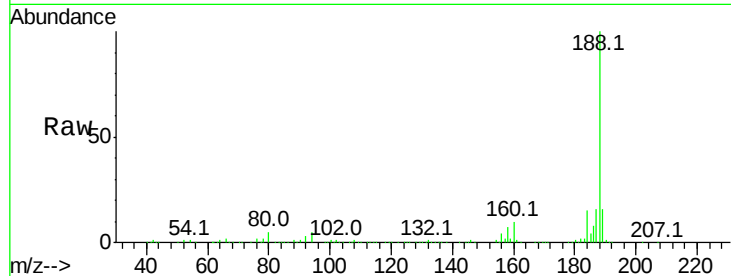
Tot Ion:188 Resp: 415436

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

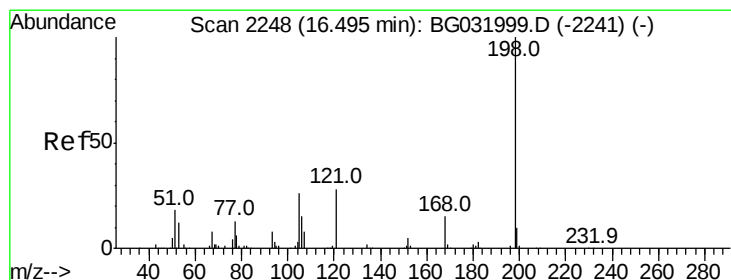
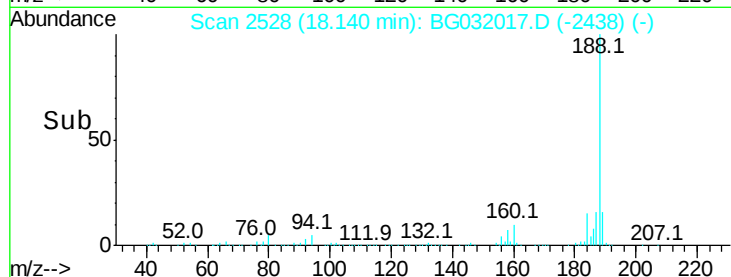
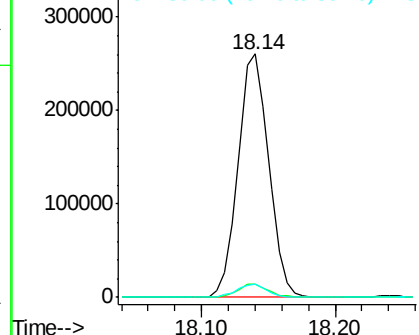
80 5.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.078 ng

RT: 16.50 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

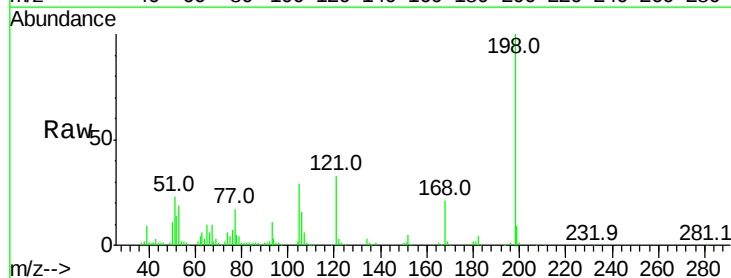
Tgt Ion:198 Resp: 86422

Ion Ratio Lower Upper

198 100

51 23.0 30.6 70.6#

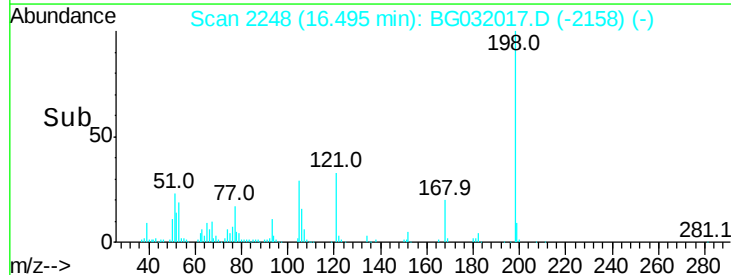
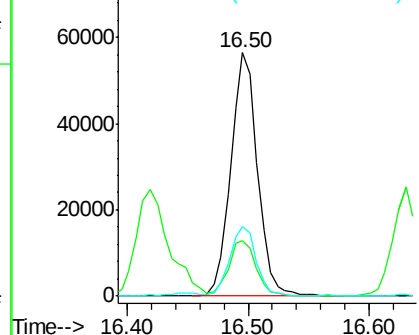
105 28.6 23.8 63.8

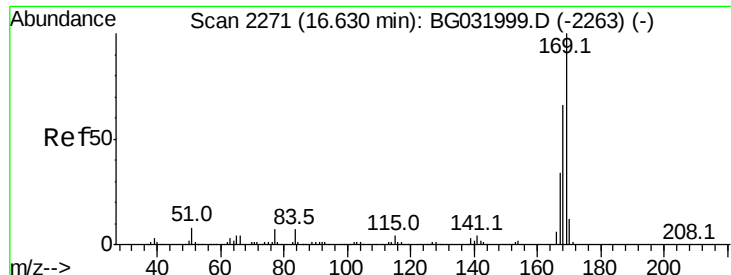


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.945 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

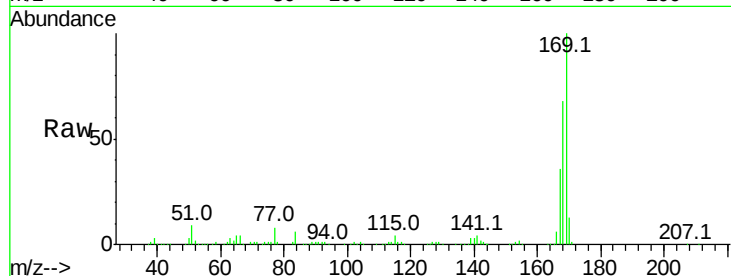
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 427909

Ion	Ratio	Lower	Upper
169	100		
168	67.6	55.7	83.5
167	36.3	30.1	45.1

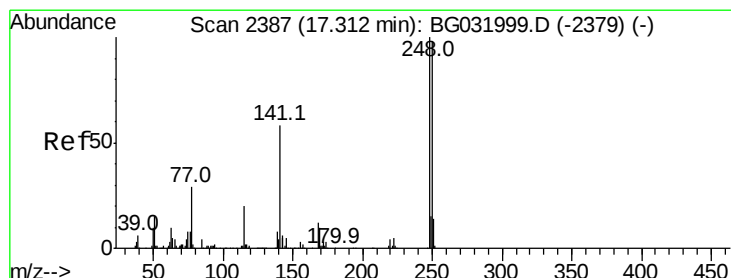
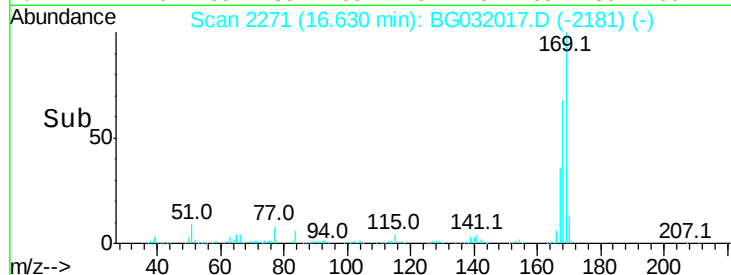
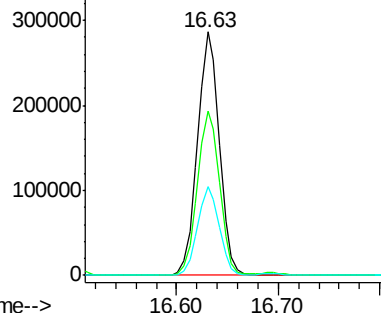


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.822 ng

RT: 17.31 min Scan# 2387

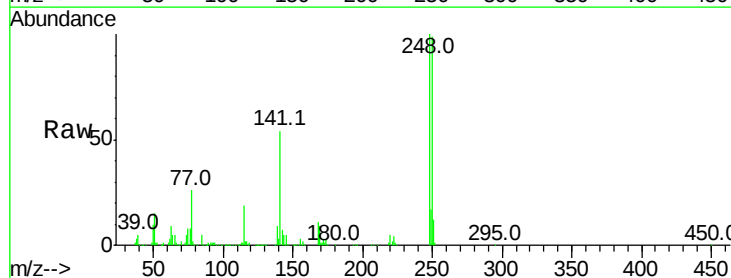
Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Tgt Ion:248 Resp: 199920

Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.1	115.7
141	54.0	50.8	76.2

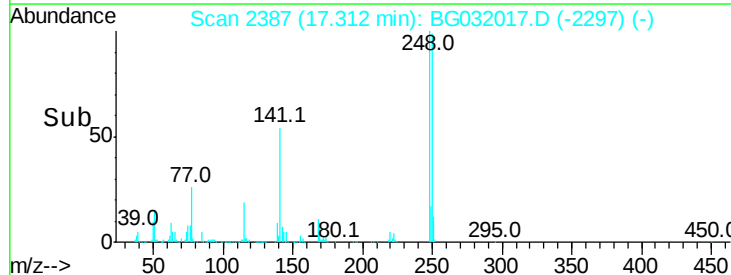
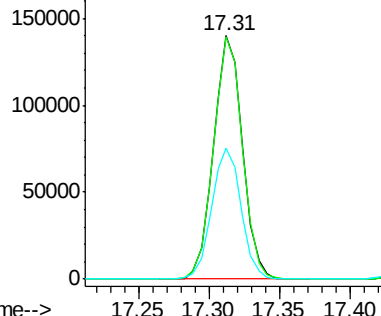


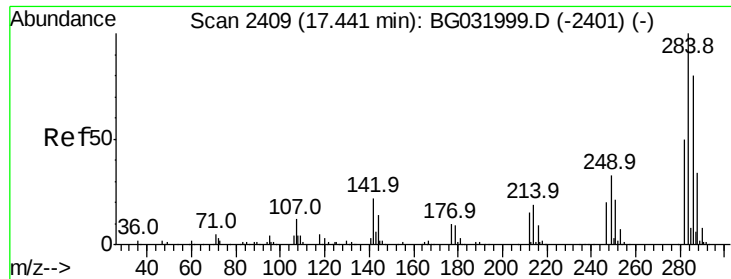
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.704 ng

RT: 17.44 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

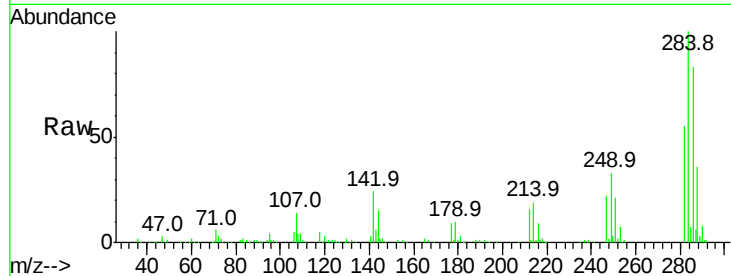
Tot Ion:284 Resp: 207329

Ion Ratio Lower Upper

284 100

142 23.9 26.8 40.2#

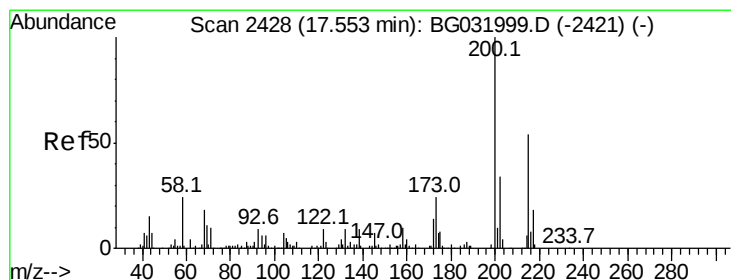
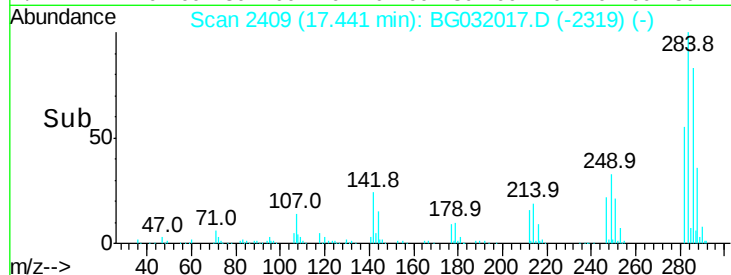
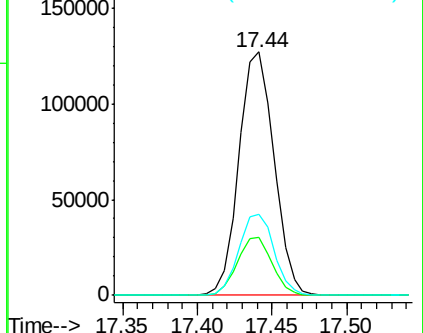
249 33.5 26.3 39.5



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: 35.882 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

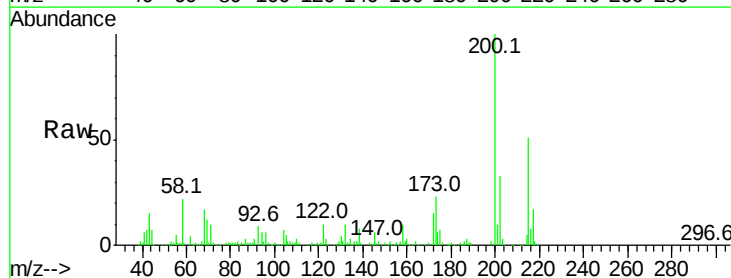
Tgt Ion:200 Resp: 190226

Ion Ratio Lower Upper

200 100

173 23.4 5.2 45.2

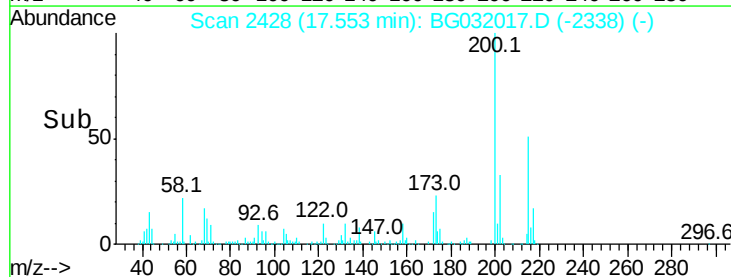
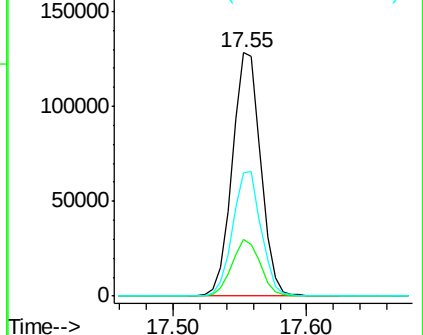
215 50.9 30.4 70.4

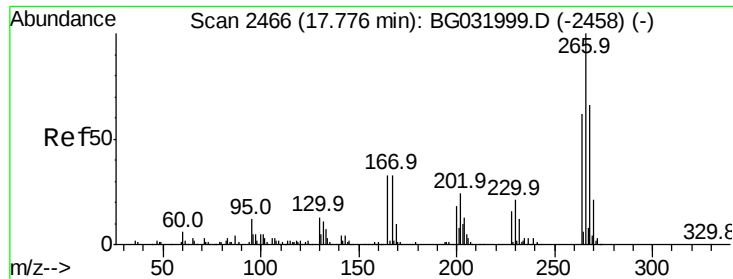


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

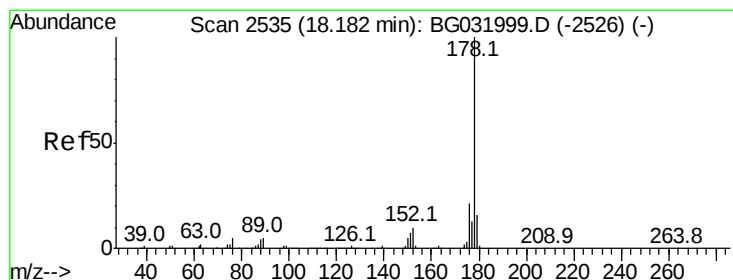
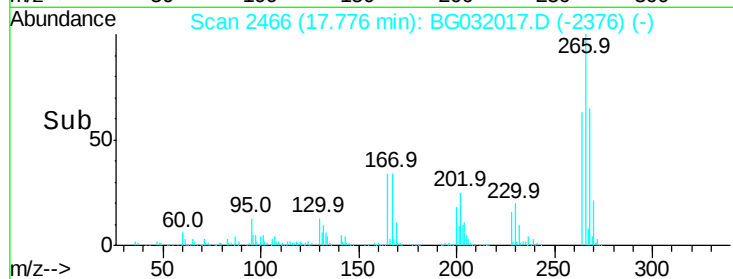
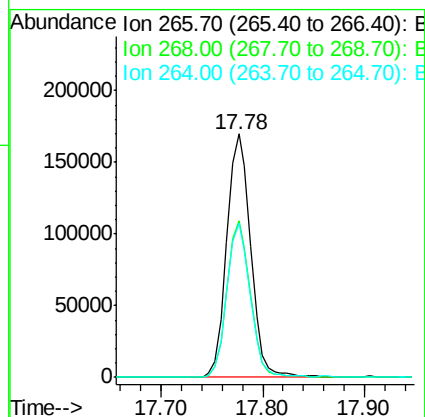
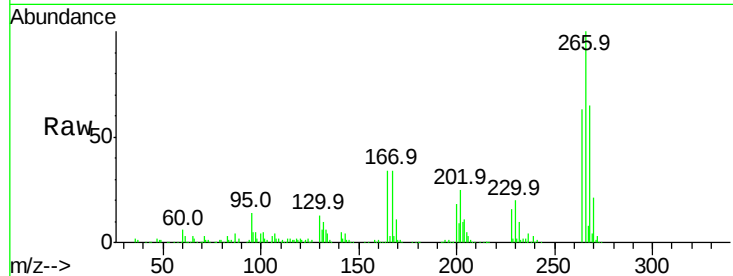




#69
 Pentachlorophenol
 Concen: 66.658 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

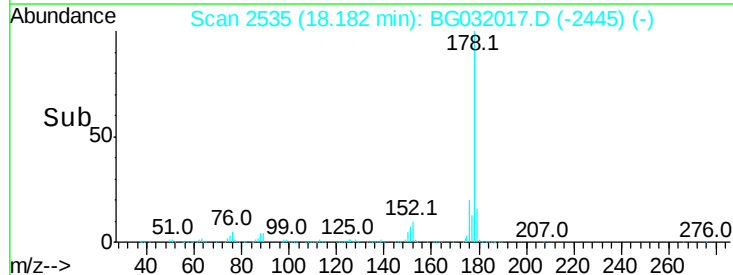
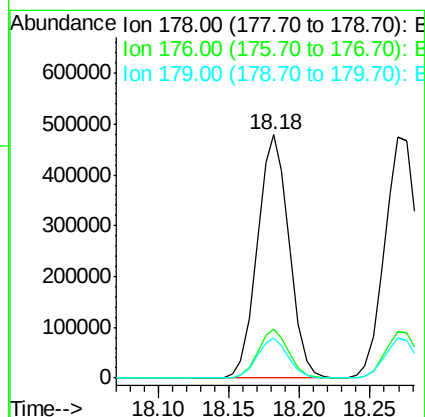
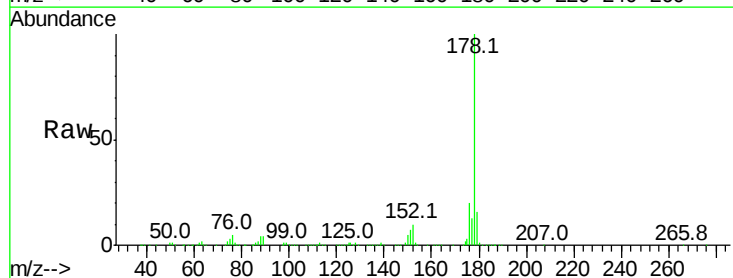
Instrument :
 BNA_G
 ClientSampled :

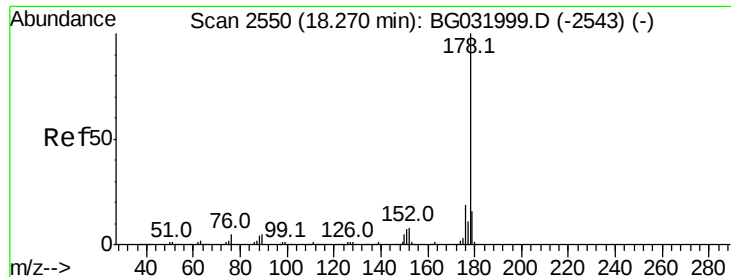
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.5	49.6	74.4



#70
 Phenanthrene
 Concen: 32.607 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.3	12.5	18.7

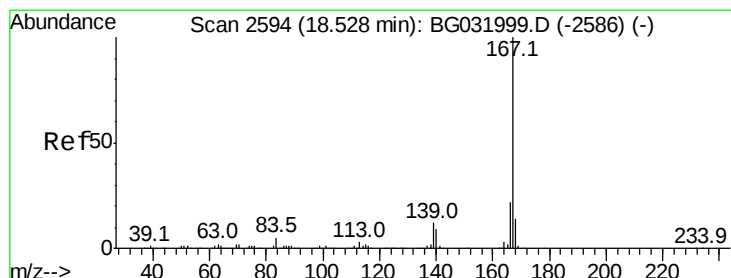
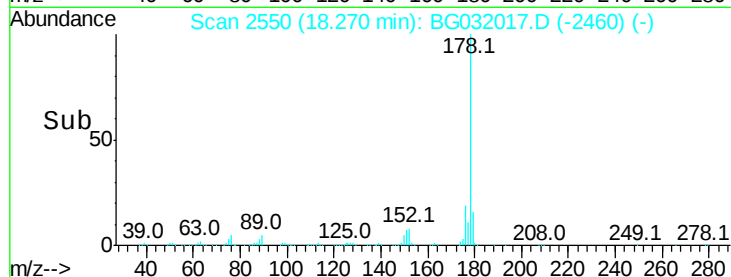
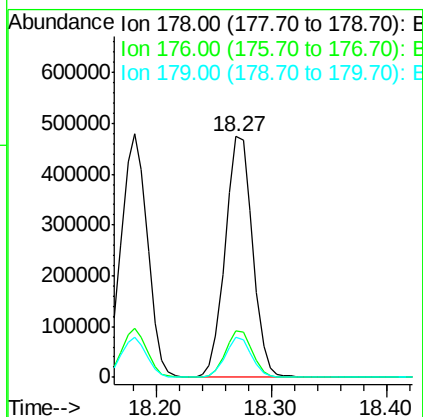
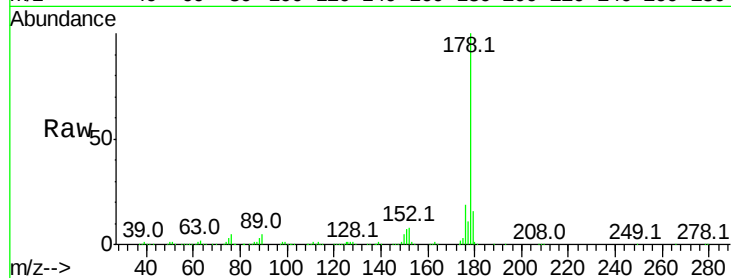




#71
 Anthracene
 Concen: 33.707 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

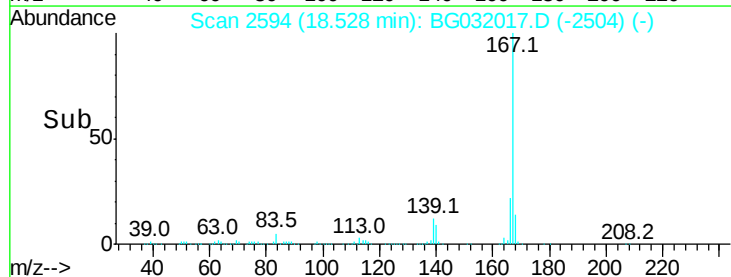
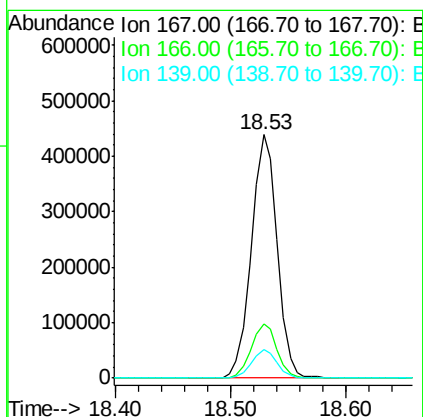
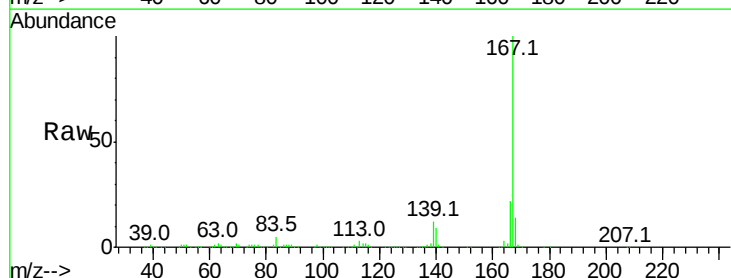
Instrument :
 BNA_G
 ClientSampleId :

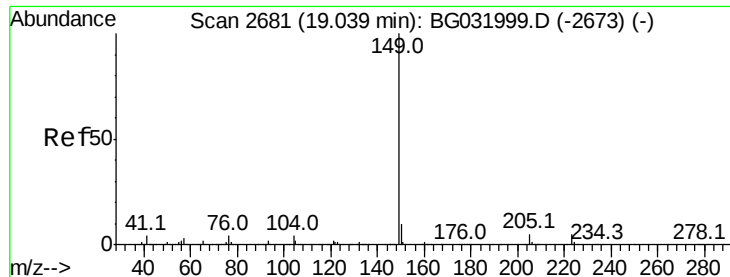
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.5	12.5	18.7



#72
 Carbazole
 Concen: 34.088 ng
 RT: 18.53 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	11.8	9.4	14.2

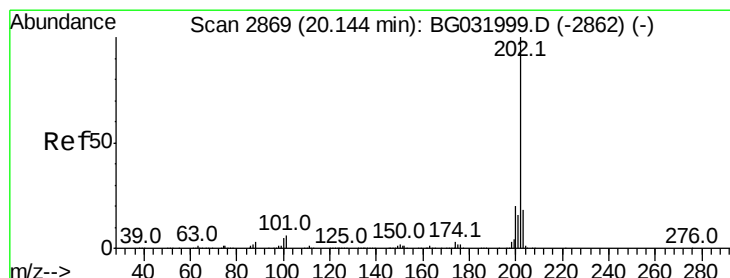
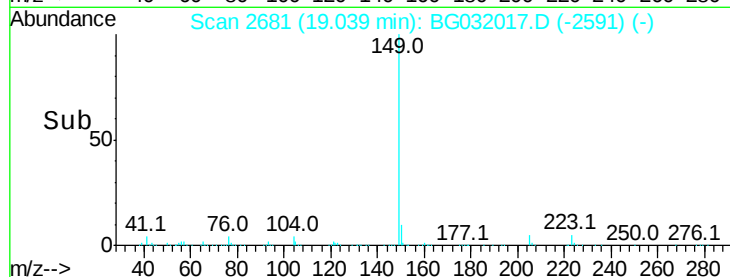
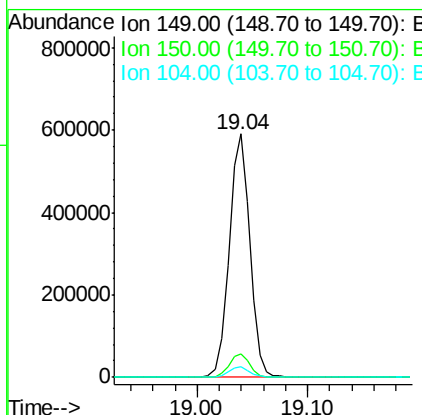
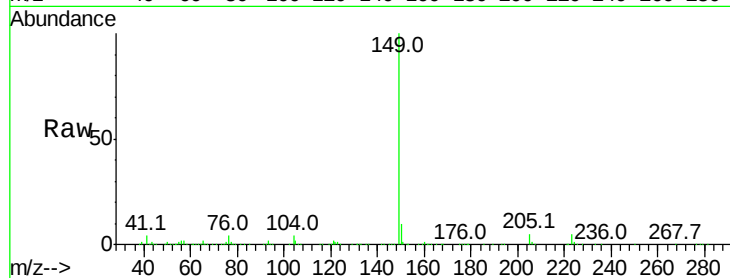




#73
Di-n-butylphthalate
Concen: 32.624 ng
RT: 19.04 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

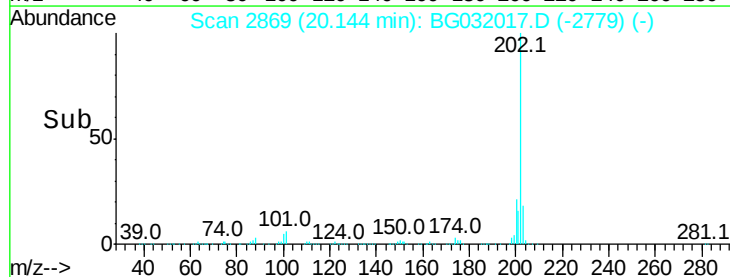
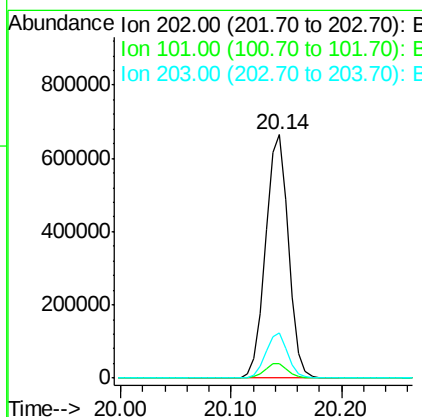
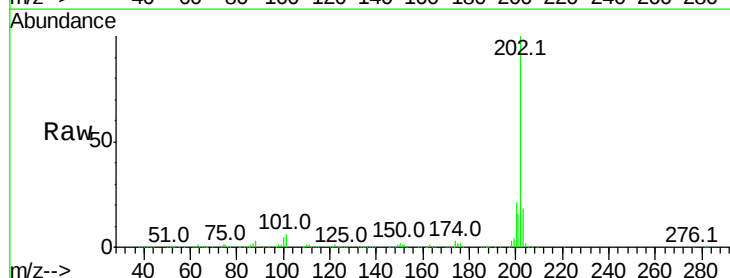
Instrument :
BNA_G
ClientSampleId :

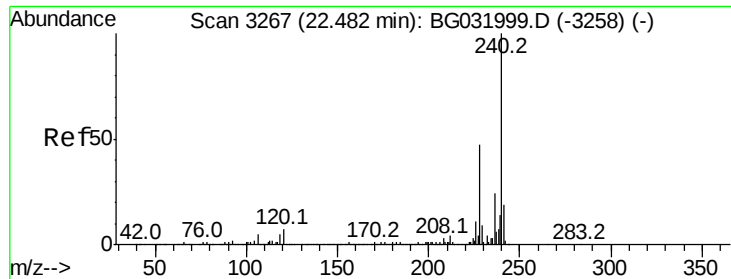
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.2	3.9	5.9



#74
Fluoranthene
Concen: 33.335 ng
RT: 20.14 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

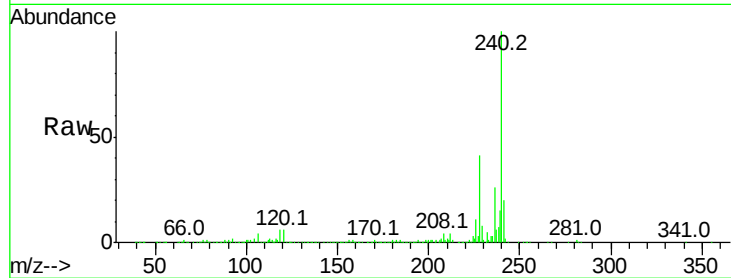
Tot Ion:240 Resp: 471852

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

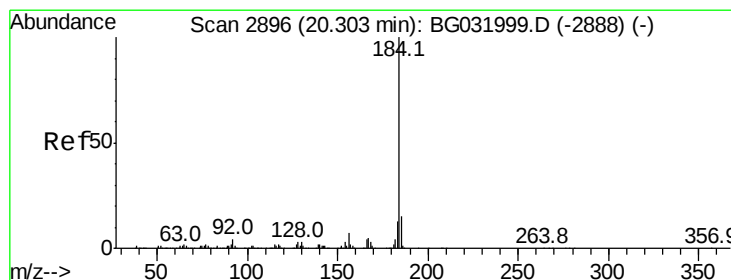
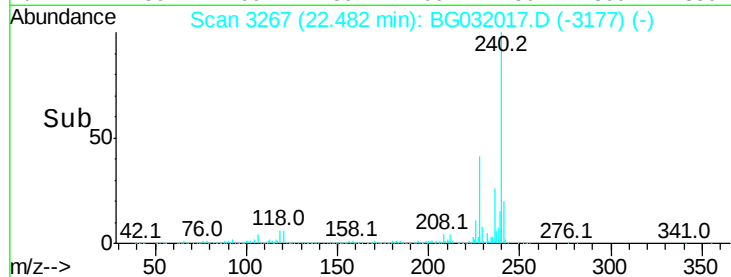
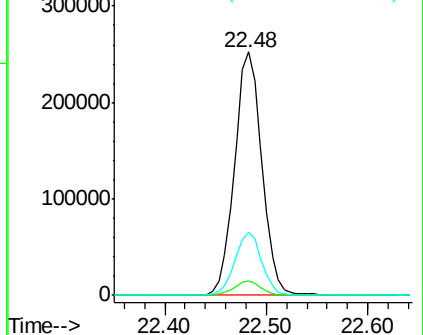
236 26.0 20.9 31.3



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: 23.036 ng

RT: 20.30 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

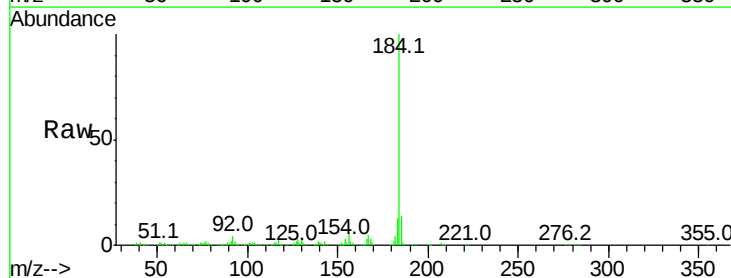
Tgt Ion:184 Resp: 271809

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

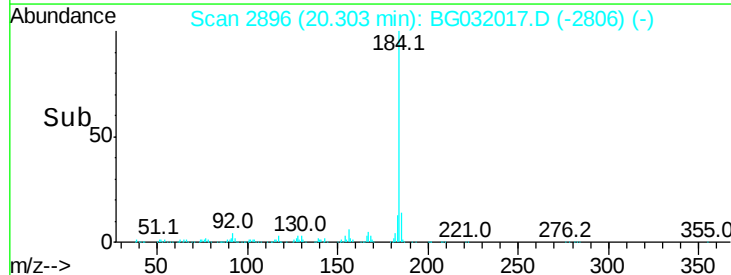
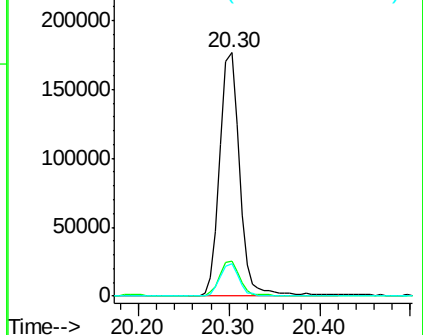
183 13.1 10.6 16.0

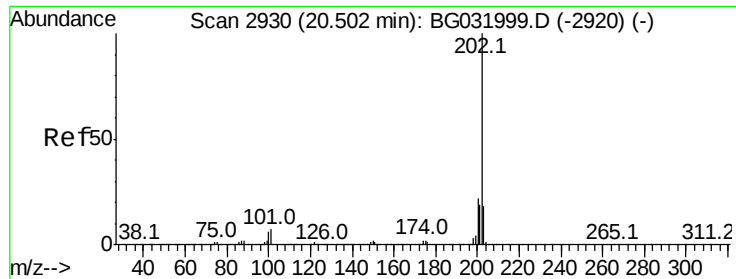


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

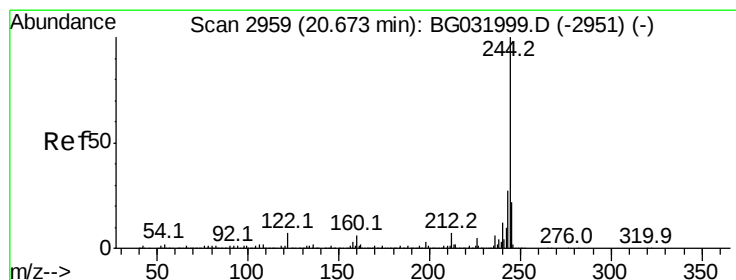
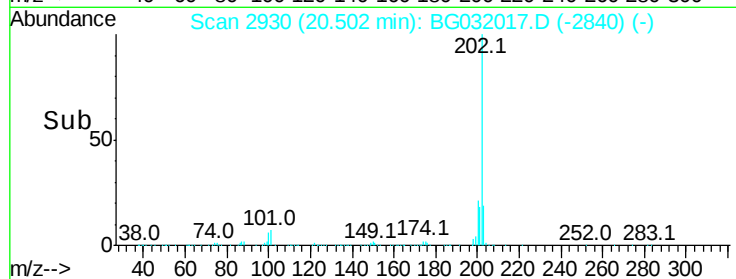
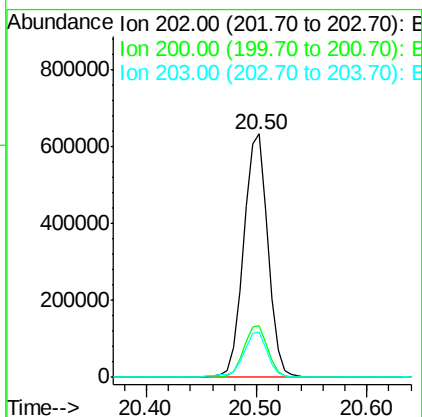
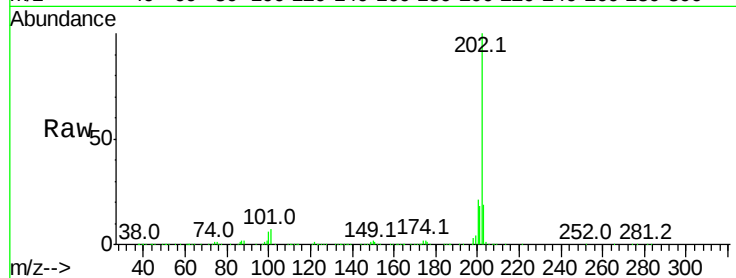




#77
Pvrene
Concen: 32.853 ng
RT: 20.50 min Scan# 2930
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

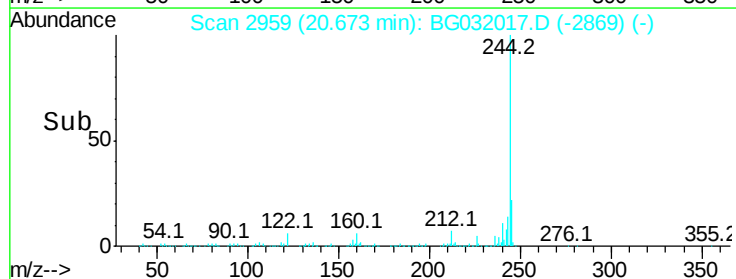
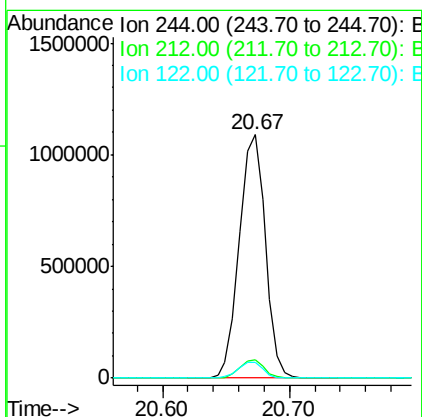
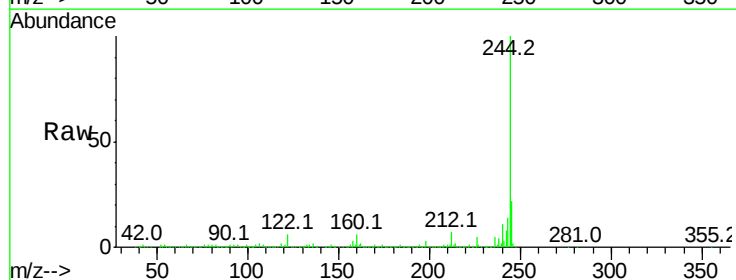
Instrument :
BNA_G
ClientSampleId :

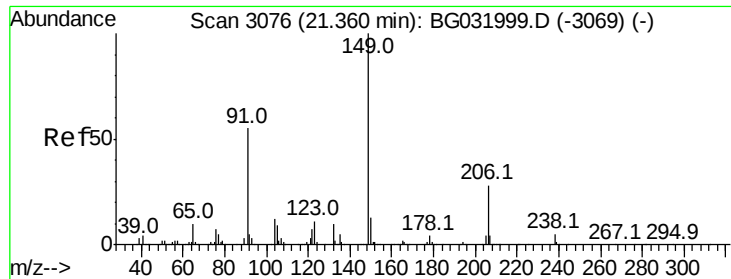
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.7	13.9	20.9



#78
Terphenyl-d14
Concen: 72.649 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	6.3	7.0	10.4

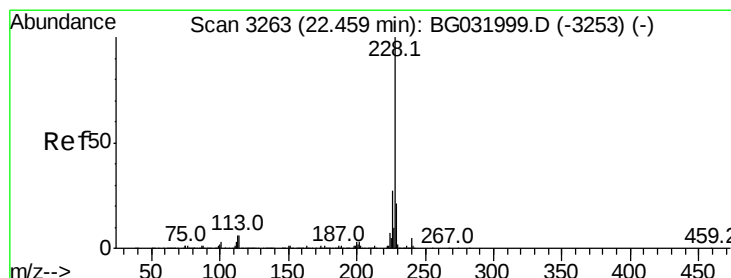
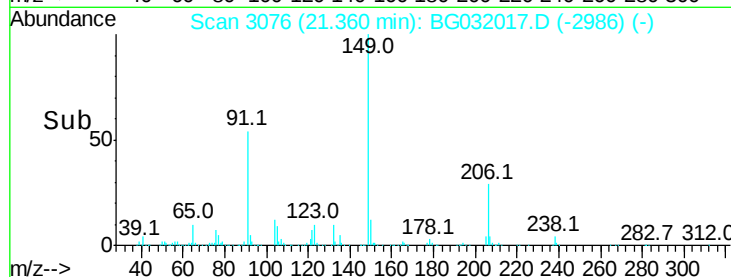
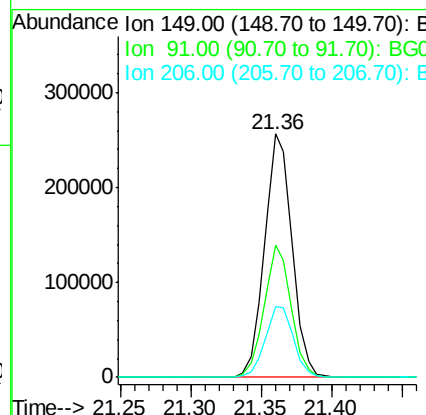
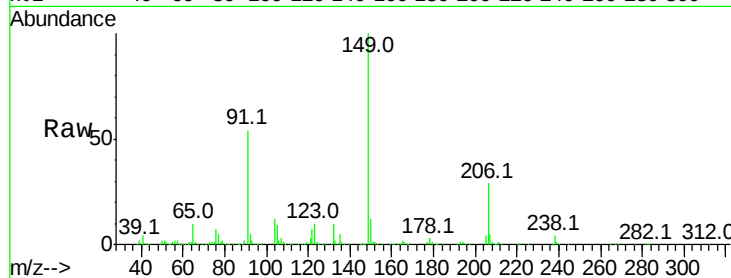




#79
 Butylbenzylphthalate
 Concen: 33.028 ng
 RT: 21.36 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

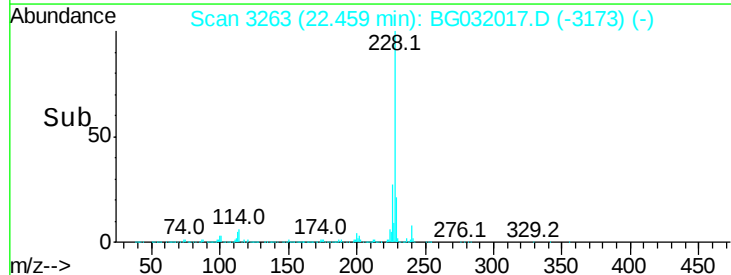
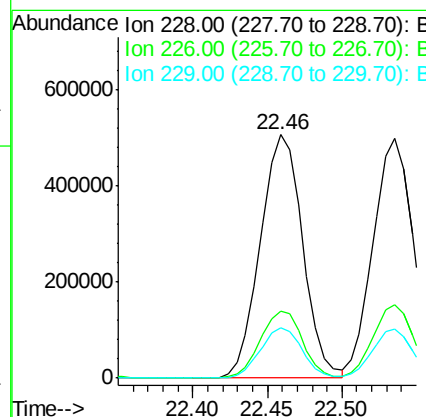
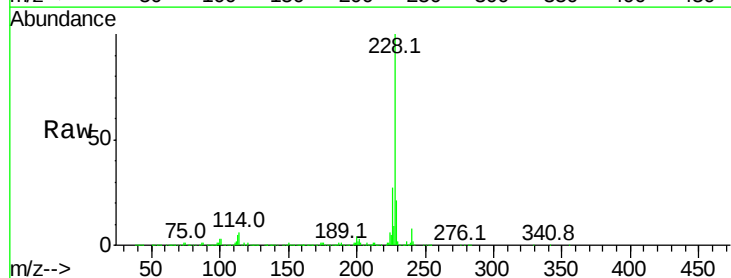
Instrument :
 BNA_G
 ClientSampleId :

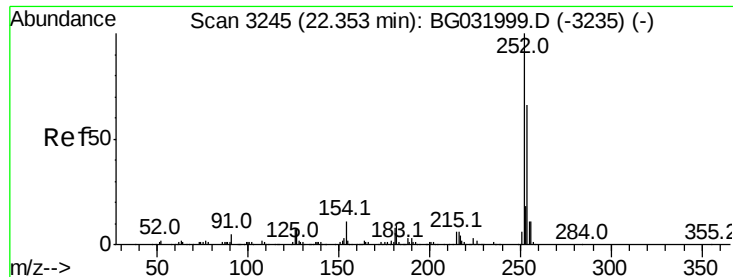
Tot Ion	Ratio	Lower	Upper
149	100		
91	54.1	62.2	93.2#
206	29.0	18.6	27.8#



#80
 Benzo(a)anthracene
 Concen: 34.006 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	20.7	16.2	24.2

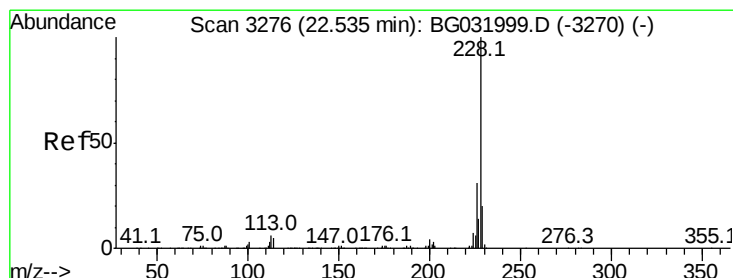
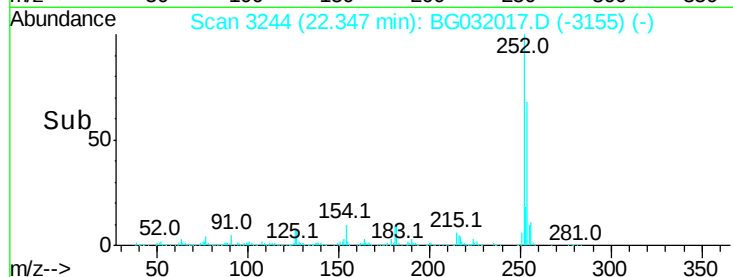
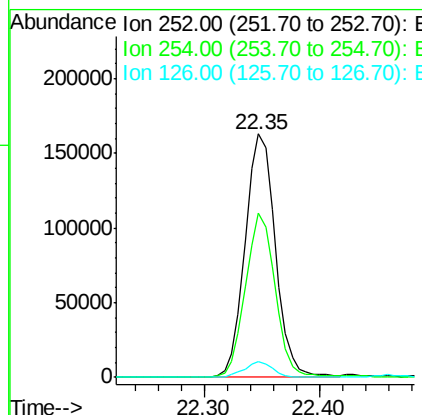
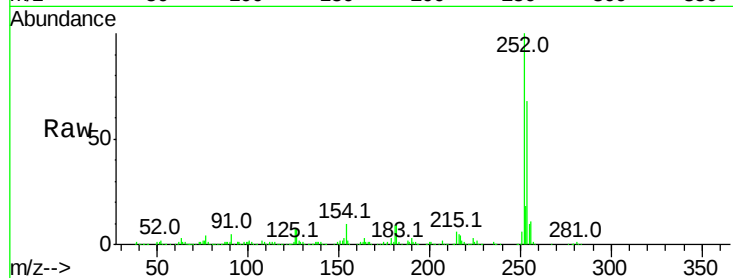




#81
 3,3'-Dichlorobenzidine
 Concen: 27.245 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

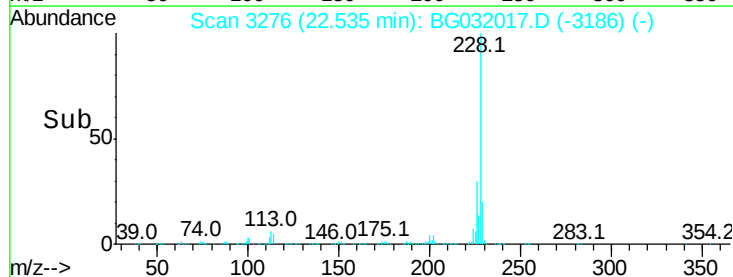
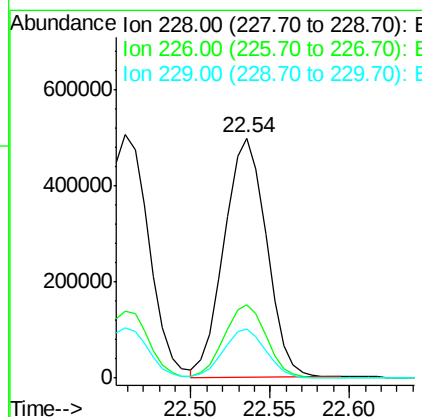
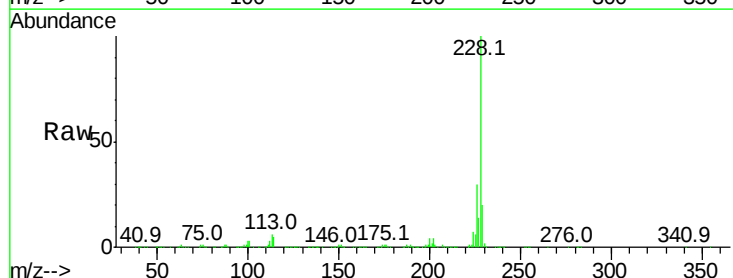
Instrument :
 BNA_G
 ClientSampleId :

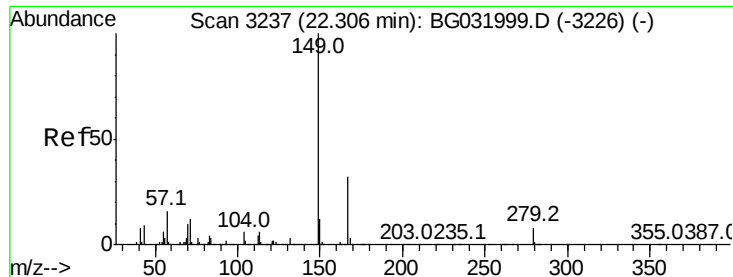
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.6	50.8	76.2
126	6.5	7.4	11.2#



#82
 Chrysene
 Concen: 32.863 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. -0.00 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.3	15.0	22.4

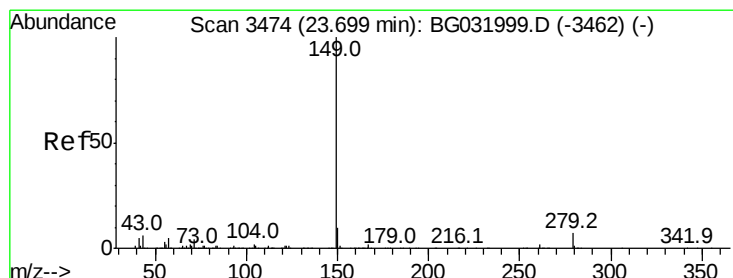
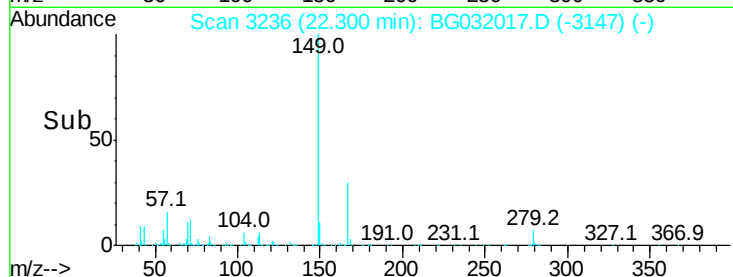
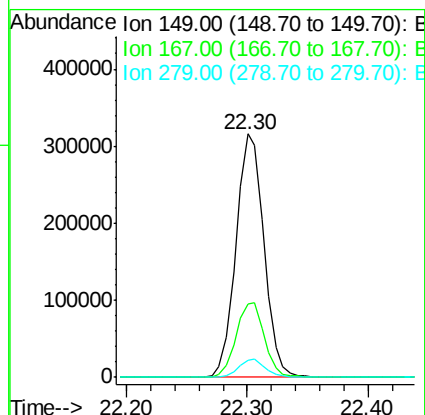
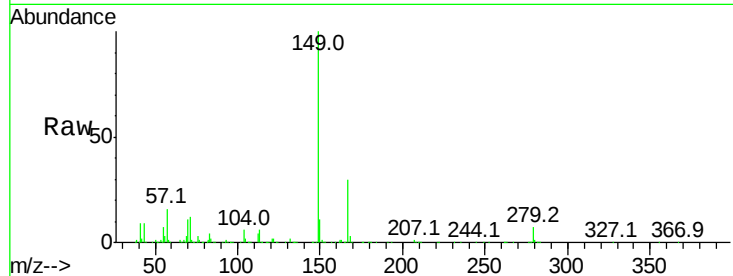




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.754 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.01 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

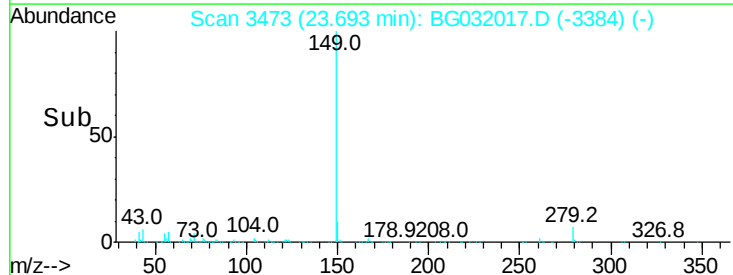
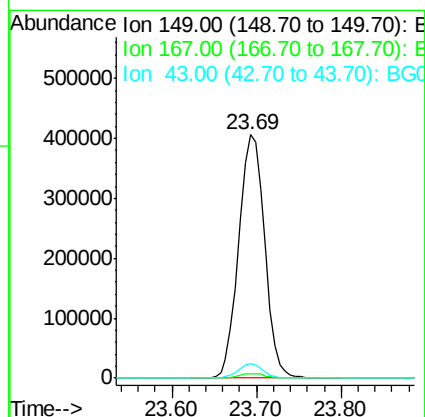
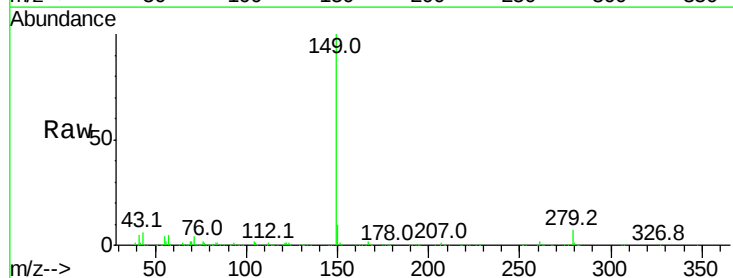
Instrument :
 BNA_G
 ClientSampleId :

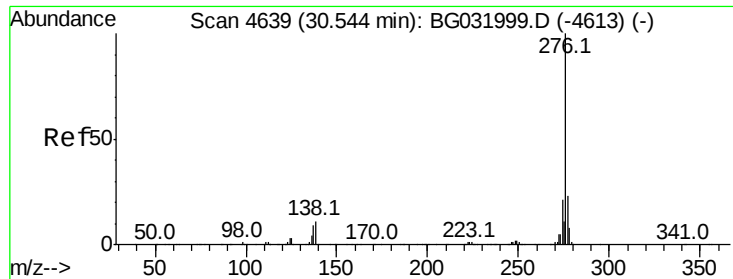
Tot Ion:149 Resp: 510454
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.3 36.5
 279 7.3 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 34.850 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. -0.01 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion:149 Resp: 862591
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.5 8.9 13.3#

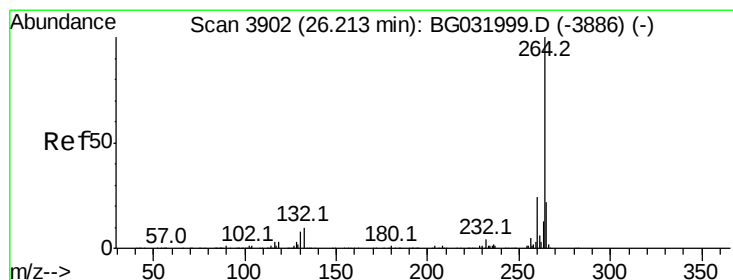
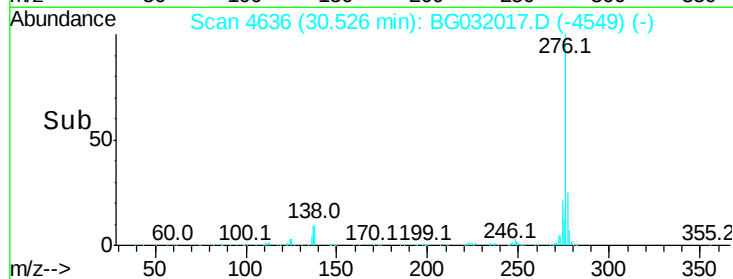
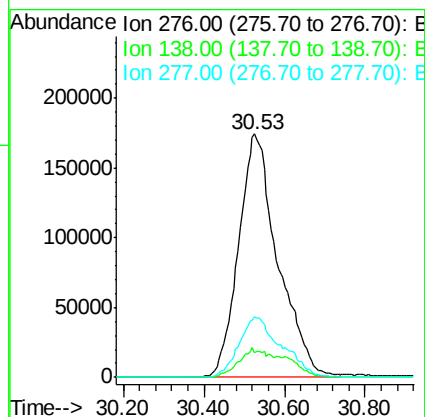
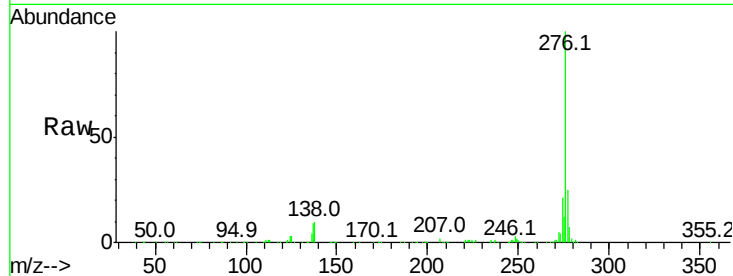




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.299 ng
 RT: 30.53 min Scan# 4636
 Delta R.T. -0.02 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

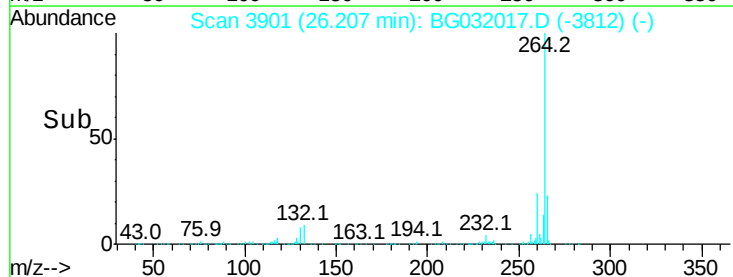
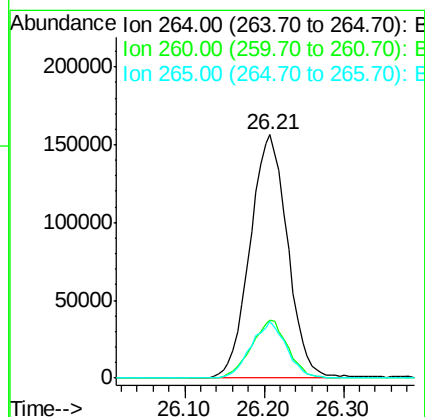
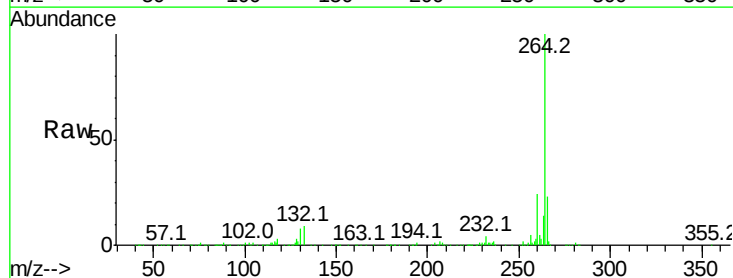
Instrument :
 BNA_G
 ClientSampleId :

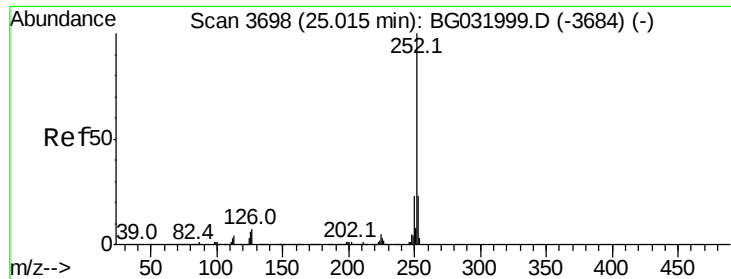
Tot Ion:276 Resp: 1182920
 Ion Ratio Lower Upper
 276 100
 138 10.4 16.0 24.0#
 277 26.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.21 min Scan# 3901
 Delta R.T. -0.01 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Tgt Ion:264 Resp: 514769
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.4 26.0
 265 23.1 17.7 26.5

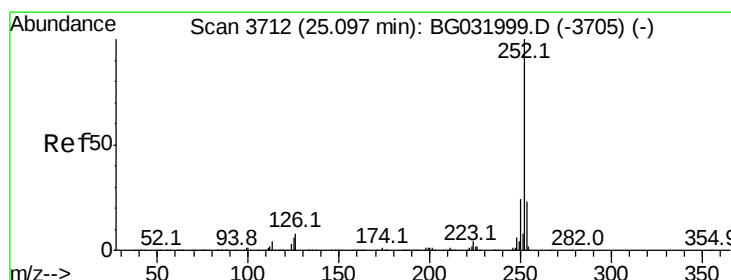
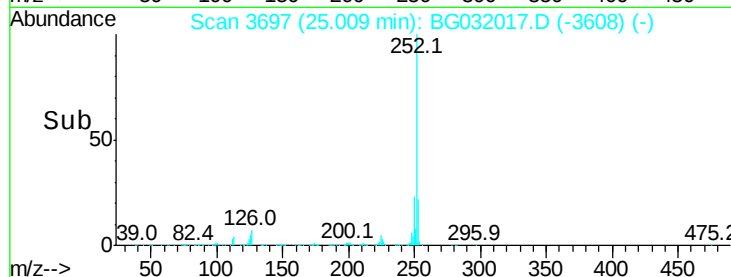
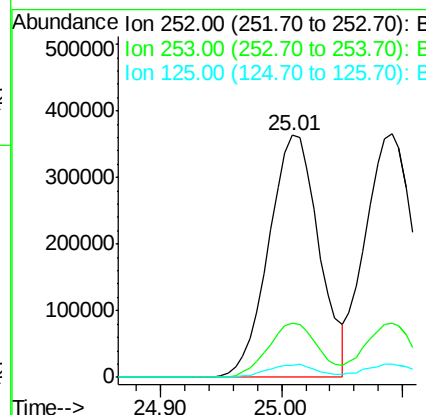
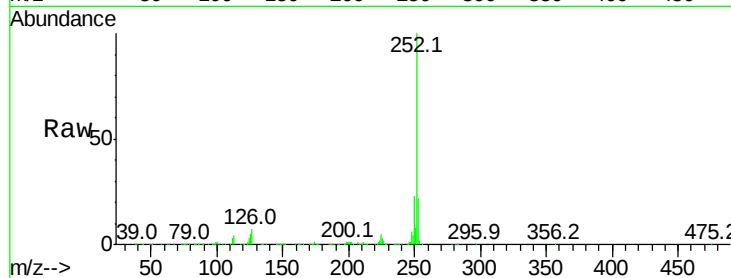




#87
Benzo(b)fluoranthene
Concen: 33.733 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

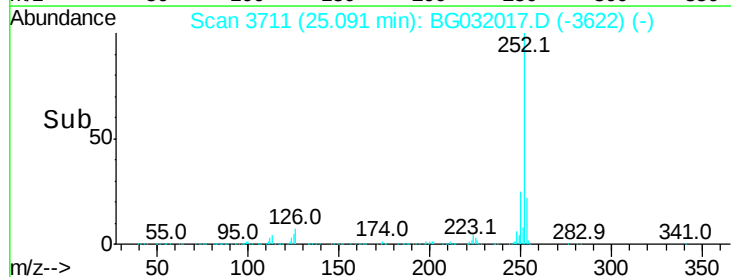
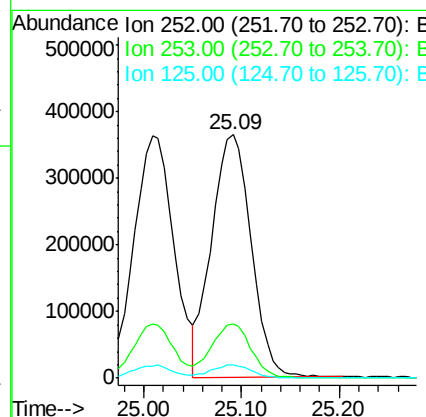
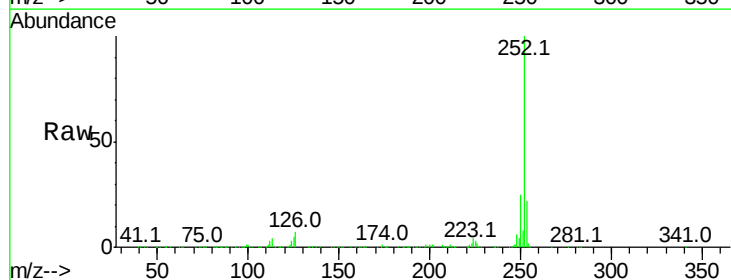
Instrument :
BNA_G
ClientSampled :

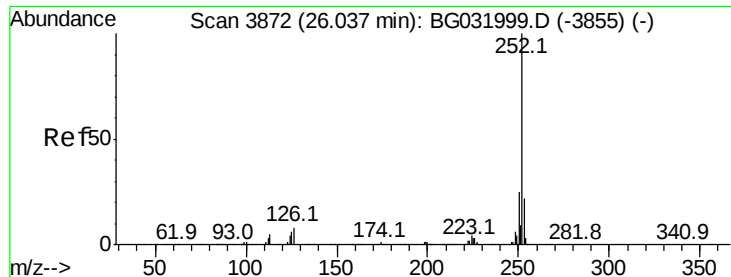
Tot Ion:252 Resp: 1049601
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 5.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 33.519 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG032017.D
Acq: 13 Jan 2018 00:24

Tgt Ion:252 Resp: 1019138
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.4 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 34.505 ng

RT: 26.03 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

Instrument :

BNA_G

ClientSampleId :

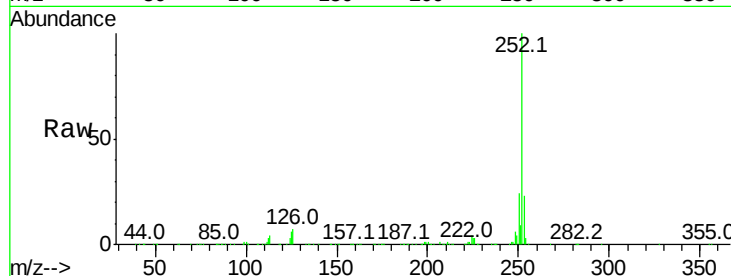
Tot Ion:252 Resp: 1015599

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	6.2	7.3	10.9

252 100

253 22.8 18.3 27.5

125 6.2 7.3 10.9

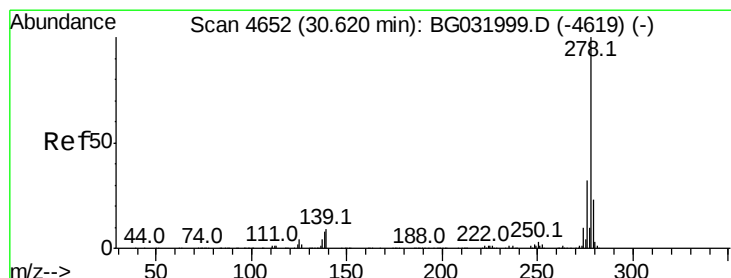
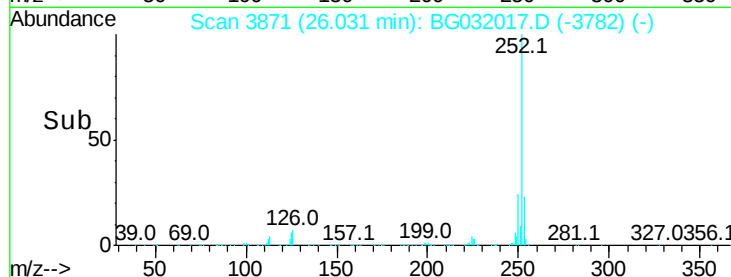
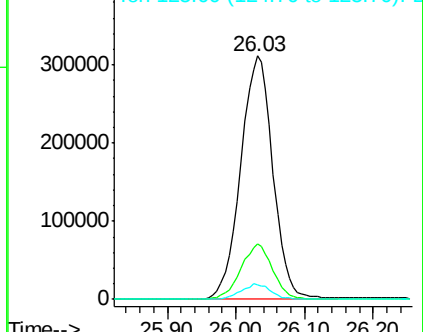


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.371 ng

RT: 30.61 min Scan# 4650

Delta R.T. -0.01 min

Lab File: BG032017.D

Acq: 13 Jan 2018 00:24

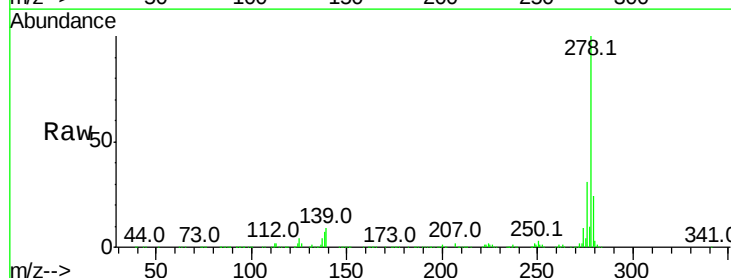
Tgt Ion:278 Resp: 974894

Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6
279	24.3	18.4	27.6

278 100

139 8.8 9.8 14.6

279 24.3 18.4 27.6

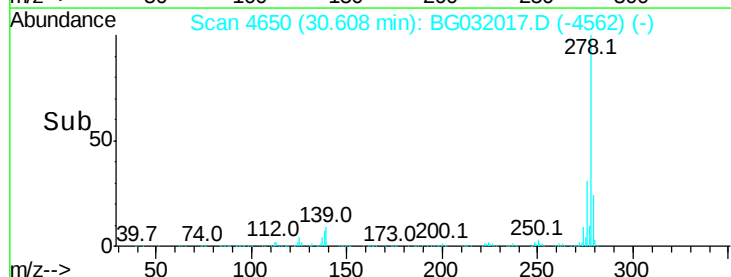
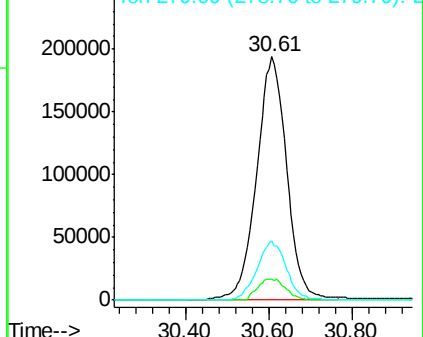


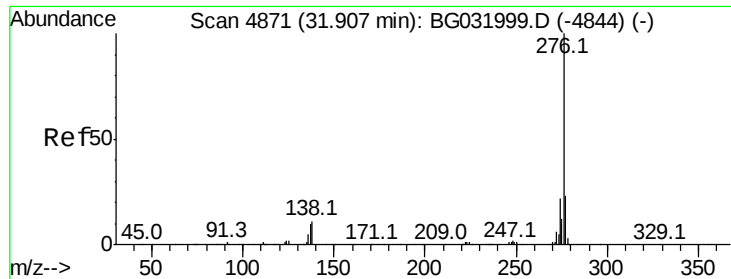
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.906 ng
 RT: 31.88 min Scan# 4866
 Delta R.T. -0.03 min
 Lab File: BG032017.D
 Acq: 13 Jan 2018 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1011932

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	11.6	13.9	20.9

