

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032009.D
 Acq On : 12 Jan 2018 19:23
 Operator : SJ/JU
 Sample : J1010-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 02:53:55 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	8.78	152	60157	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	248061	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	170502	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	422901	20.00	ng	0.00
75) Chrysene-d12	22.48	240	467970	20.00	ng	0.00
86) Perylene-d12	26.20	264	502186	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	414612	126.05	ng	0.00
7) Phenol-d6	7.88	99	484055	116.85	ng	0.00
23) Nitrobenzene-d5	9.97	82	330398	90.11	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	383174	135.81	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1156386	84.10	ng	0.00
78) Terphenyl-d14	20.67	244	1983123	93.57	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.86	88	39563	31.309	ng	# 77
3) Pyridine	4.32	79	99192	29.408	ng	# 75
4) n-Nitrosodimethylamine	4.21	42	53052	44.770	ng	# 85
6) Aniline	8.07	93	80014	15.313	ng	94
8) 2-Chlorophenol	8.32	128	171328	46.549	ng	82
9) Benzaldehyde	7.87	77	22525	9.385	ng	96
10) Phenol	7.91	94	172218	42.203	ng	91
11) bis(2-Chloroethyl)ether	8.16	93	141486	43.278	ng	# 82
12) 1,3-Dichlorobenzene	8.66	146	191759	39.808	ng	# 93
13) 1,4-Dichlorobenzene	8.81	146	194536	40.109	ng	94
14) 1,2-Dichlorobenzene	9.14	146	187548	39.979	ng	94
15) Benzyl Alcohol	9.01	79	137361	45.644	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.30	45	146939	44.226	ng	79
17) 2-Methylphenol	9.20	107	136280	43.699	ng	97
18) Hexachloroethane	9.90	117	61525	41.275	ng	# 85
19) n-Nitroso-di-n-propylamine	9.59	70	113090	43.999	ng	# 85
20) 3+4-Methylphenols	9.54	107	186247	43.110	ng	95
22) Acetophenone	9.62	105	254944	45.245	ng	# 86
24) Nitrobenzene	10.02	77	163101	44.595	ng	# 87
25) Isophorone	10.54	82	318760	46.689	ng	# 87
26) 2-Nitrophenol	10.74	139	103080	47.566	ng	# 82
27) 2,4-Dimethylphenol	10.77	122	182216	52.986	ng	92
28) bis(2-Chloroethoxy)methane	11.02	93	202378	49.199	ng	# 92
29) 2,4-Dichlorophenol	11.28	162	209567	49.525	ng	91
30) 1,2,4-Trichlorobenzene	11.51	180	229254	41.950	ng	98
31) Naphthalene	11.71	128	593550	48.302	ng	98
32) Benzoic acid	10.90	122	107511	39.960	ng	# 76
33) 4-Chloroaniline	11.80	127	20862	3.959	ng	# 89
34) Hexachlorobutadiene	11.98	225	157930	40.235	ng	95
35) Caprolactam	12.55	113	48790	38.006	ng	# 41
36) 4-Chloro-3-methylphenol	12.87	107	190896	49.286	ng	# 84
37) 2-Methylnaphthalene	13.27	142	453841	46.519	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	319133	42.939	ng	# 96
40) Hexachlorocyclopentadiene	13.60	237	411543	98.313	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.85	196	199600	47.797	ng	99
43) 2,4,5-Trichlorophenol	13.92	196	217438	44.984	ng #	91
45) 1,1'-Biphenyl	14.25	154	642451	43.953	ng	95
46) 2-Chloronaphthalene	14.30	162	486735	42.805	ng	96
47) 2-Nitroaniline	14.49	65	101376	46.571	ng #	62
48) Acenaphthylene	15.14	152	742391	42.874	ng	99
49) Dimethylphthalate	14.84	163	662618	44.410	ng	99
50) 2,6-Dinitrotoluene	14.96	165	146562	47.325	ng #	68
51) Acenaphthene	15.47	154	561976	49.082	ng	97
52) 3-Nitroaniline	15.29	138	23779	8.501	ng #	66
53) 2,4-Dinitrophenol	15.49	184	187785	117.318	ng #	67
54) Dibenzofuran	15.80	168	775902	45.427	ng	98
55) 4-Nitrophenol	15.57	139	191793	94.088	ng #	74
56) 2,4-Dinitrotoluene	15.74	165	208935	50.110	ng #	63
57) Fluorene	16.44	166	629214	44.917	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	230205	51.482	ng #	85
59) Diethylphthalate	16.18	149	644570	44.562	ng	99
60) 4-Chlorophenyl-phenylether	16.42	204	389093	45.279	ng	92
61) 4-Nitroaniline	16.45	138	83406	31.085	ng	80
62) Azobenzene	16.71	77	412827	45.599	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	121645	45.251	ng #	69
65) n-Nitrosodiphenylamine	16.63	169	563490	43.911	ng	99
66) 4-Bromophenyl-phenylether	17.31	248	279417	46.437	ng	95
67) Hexachlorobenzene	17.44	284	286177	42.989	ng #	89
68) Atrazine	17.55	200	160123	29.671	ng	97
69) Pentachlorophenol	17.78	266	375644	88.282	ng	98
70) Phenanthrene	18.18	178	1059213	44.986	ng	98
71) Anthracene	18.27	178	1079649	45.974	ng	98
72) Carbazole	18.53	167	888475	43.613	ng	100
73) Di-n-butylphthalate	19.04	149	1071879	44.527	ng	99
74) Fluoranthene	20.15	202	1301891	44.162	ng	94
76) Benzidine	20.67	184	26729	2.284	ng	97
77) Pyrene	20.50	202	1315792	44.727	ng	97
79) Butylbenzylphthalate	21.36	149	481970	45.727	ng #	76
80) Benzo(a)anthracene	22.46	228	1336465	45.921	ng	99
81) 3,3'-Dichlorobenzidine	22.35	252	66257	6.094	ng #	90
82) Chrysene	22.54	228	1263088	45.191	ng	98
83) Bis(2-ethylhexyl)phthalate	22.30	149	682157	44.134	ng #	96
84) Di-n-octyl phthalate	23.69	149	1184159	48.238	ng #	88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1637735	47.880	ng #	89
87) Benzo(b)fluoranthene	25.01	252	1452494	47.851	ng #	97
88) Benzo(k)fluoranthene	25.09	252	1415177	47.711	ng #	96
89) Benzo(a)pyrene	26.03	252	1388369	48.351	ng #	97
90) Dibenzo(a,h)anthracene	30.62	278	1358105	49.082	ng #	95
91) Benzo(g,h,i)perylene	31.89	276	1357845	48.012	ng #	93

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

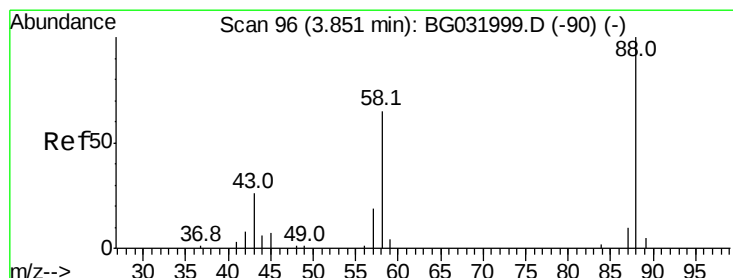
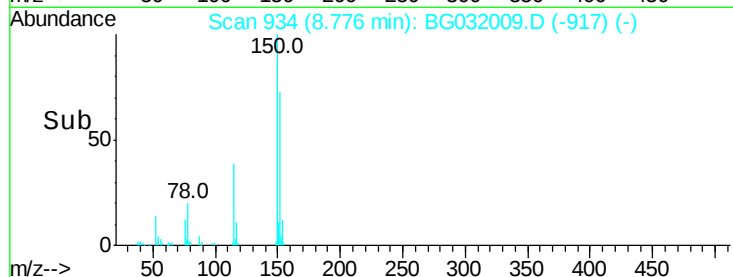
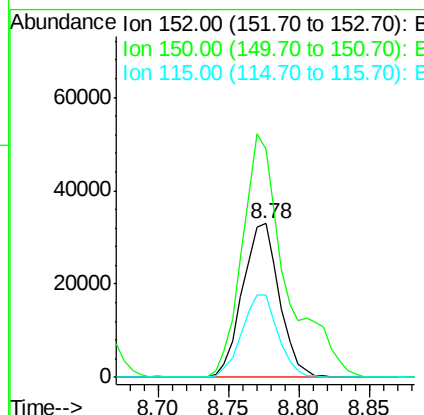
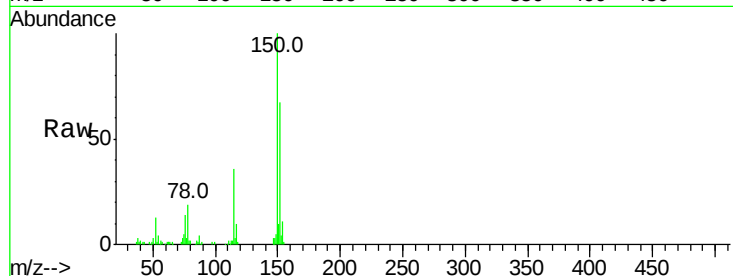


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :

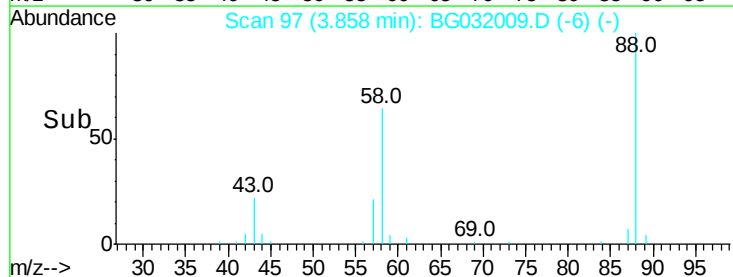
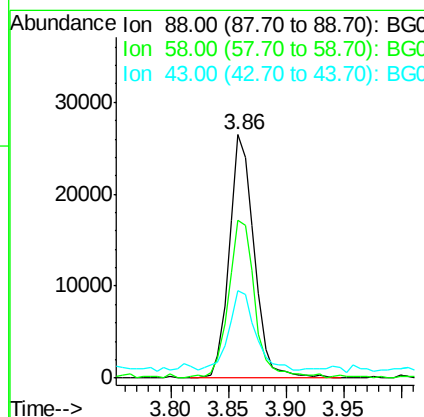
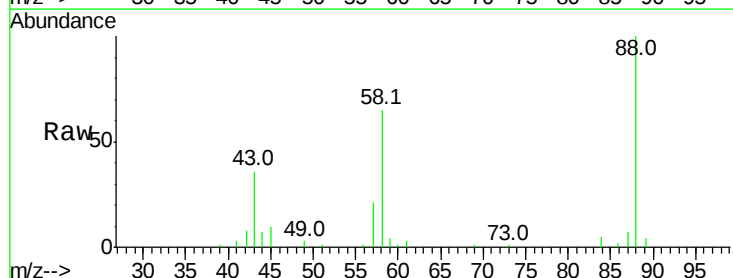
Tot Ion:152 Resp: 60157
Ion Ratio Lower Upper
152 100
150 148.2 126.6 189.8
115 53.7 53.0 79.4

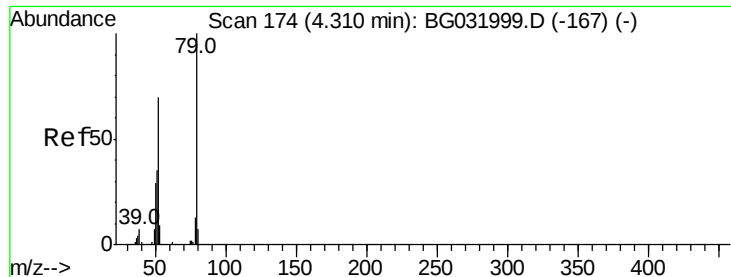


#2

1,4-Dioxane
Concen: 31.309 ng
RT: 3.86 min Scan# 97
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion: 88 Resp: 39563
Ion Ratio Lower Upper
88 100
58 69.4 79.6 119.4#
43 34.9 27.4 41.0





#3

Pvridine

Concen: 29.408 ng

RT: 4.32 min Scan# 175

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

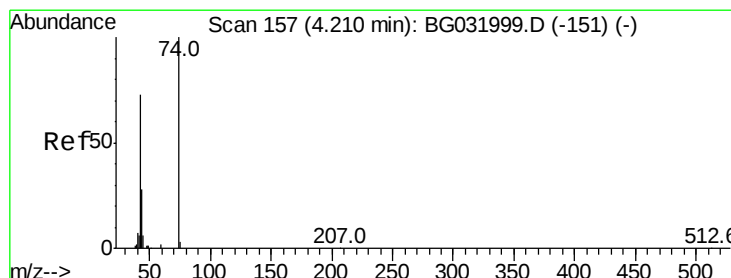
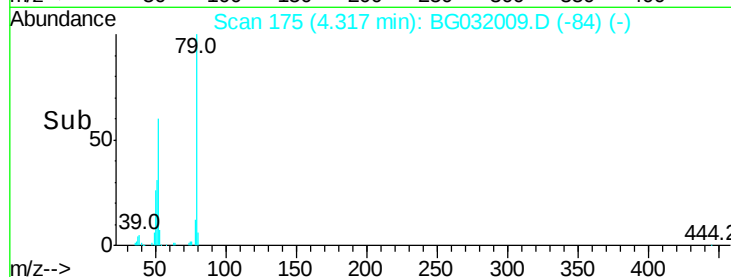
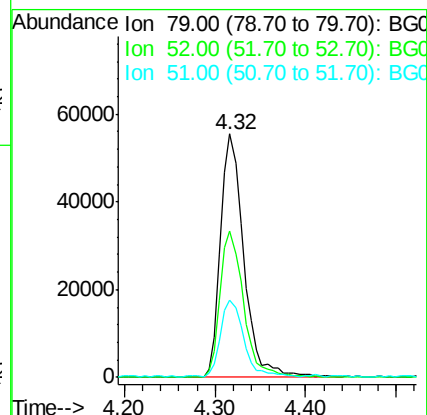
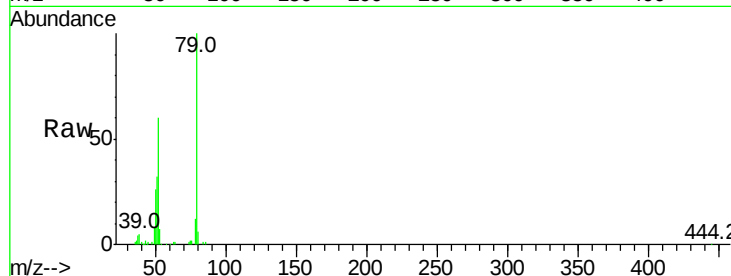
Tot Ion: 79 Resp: 99192

Ion Ratio Lower Upper

79 100

52 59.9 69.9 104.9#

51 31.8 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 44.770 ng

RT: 4.21 min Scan# 157

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

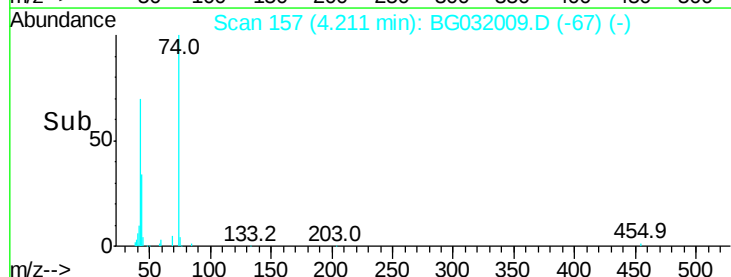
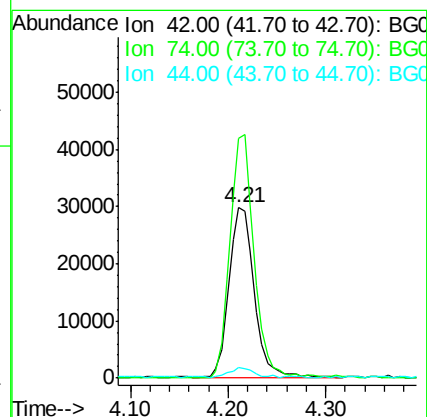
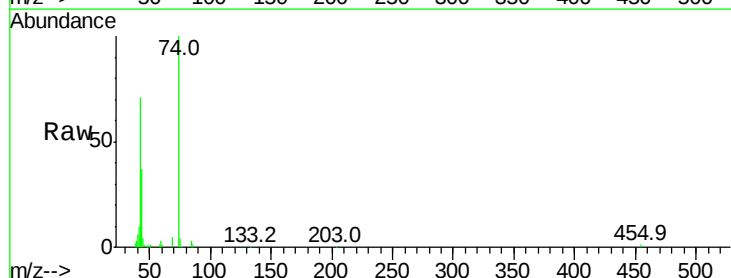
Tgt Ion: 42 Resp: 53052

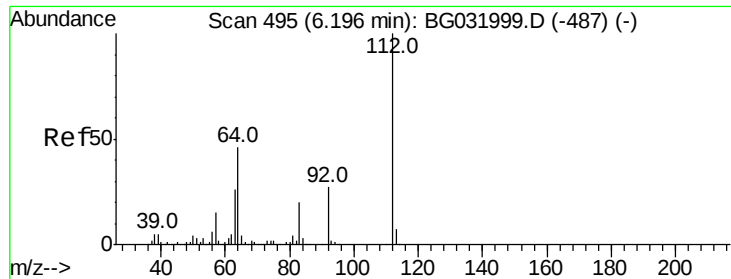
Ion Ratio Lower Upper

42 100

74 140.5 102.5 153.7

44 6.1 18.9 28.3#





#5

2-Fluorophenol

Concen: 126.053 ng

RT: 6.20 min Scan# 496

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

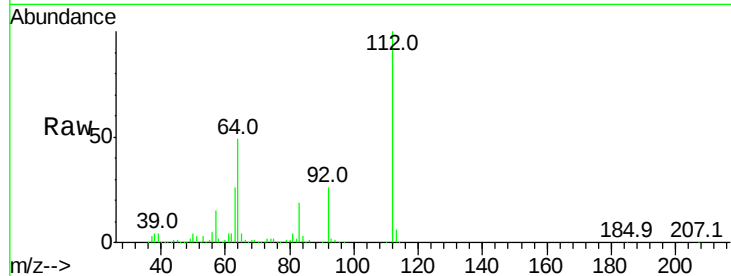
Tot Ion:112 Resp: 414612

Ion Ratio Lower Upper

112 100

64 49.0 56.3 84.5#

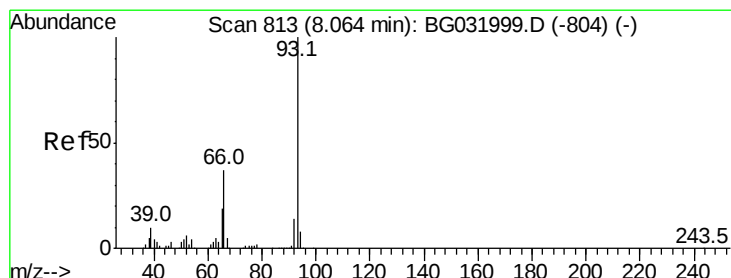
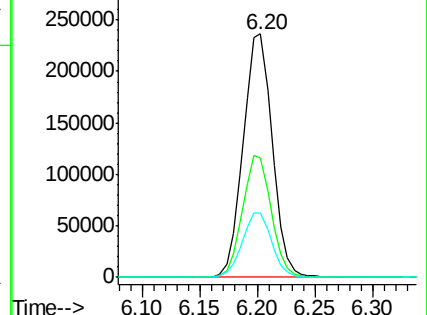
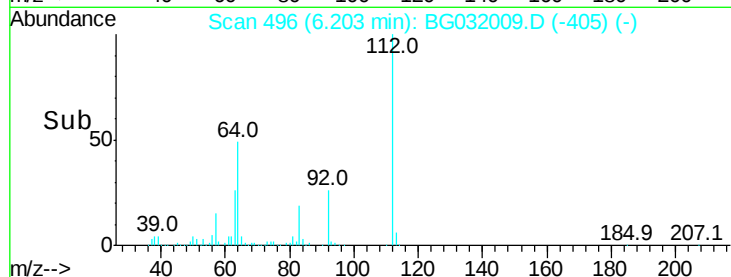
63 26.4 30.1 45.1#



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: 15.313 ng

RT: 8.07 min Scan# 814

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

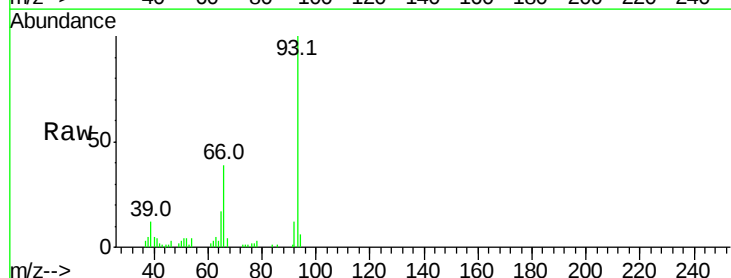
Tgt Ion: 93 Resp: 80014

Ion Ratio Lower Upper

93 100

66 38.8 33.7 50.5

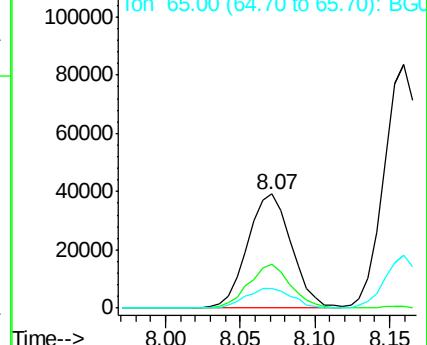
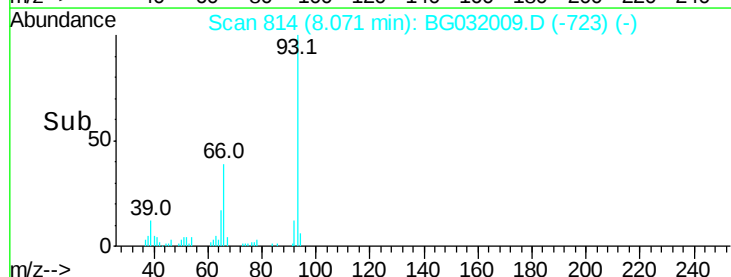
65 16.9 16.1 24.1

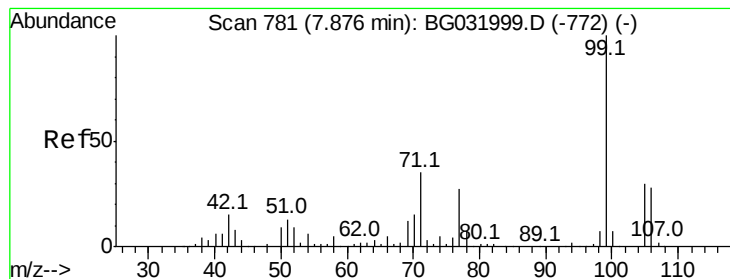


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.850 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

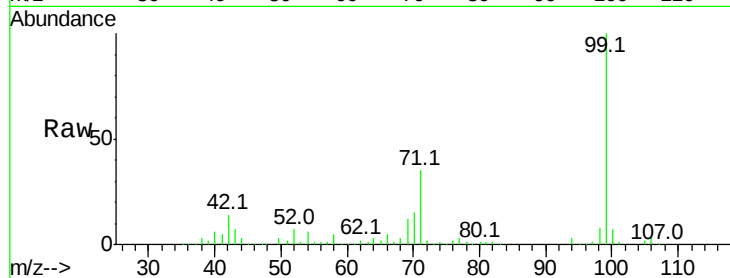
Tot Ion: 99 Resp: 484055

Ion Ratio Lower Upper

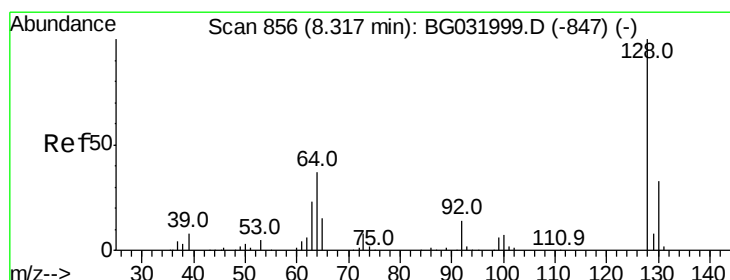
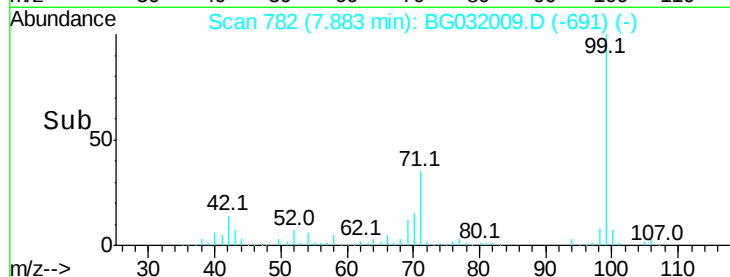
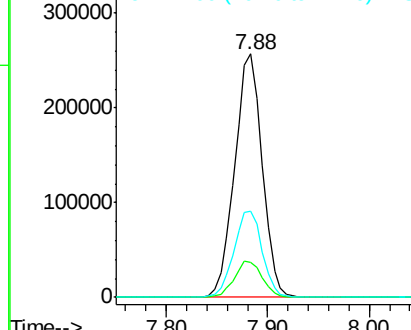
99 100

42 14.2 14.1 21.1

71 35.4 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: 46.549 ng

RT: 8.32 min Scan# 857

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

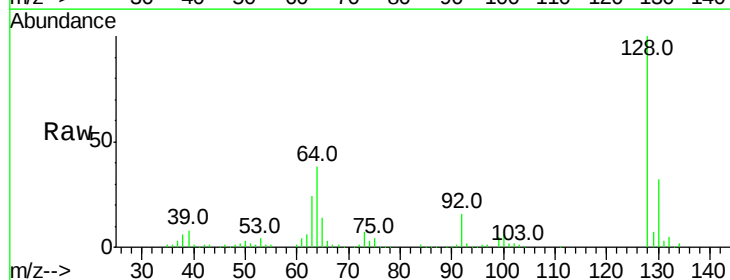
Tgt Ion:128 Resp: 171328

Ion Ratio Lower Upper

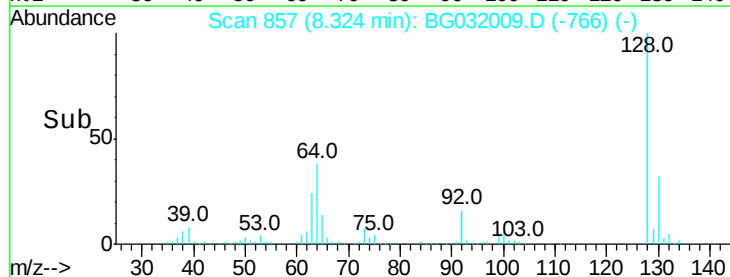
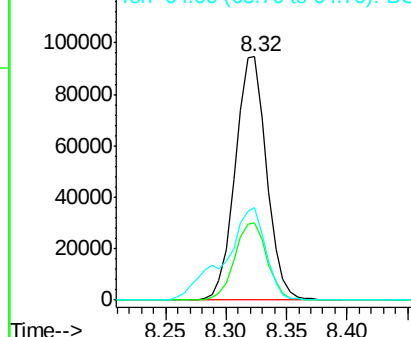
128 100

130 31.5 14.0 54.0

64 38.2 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

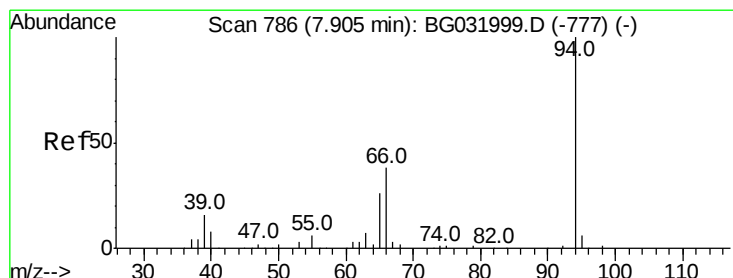
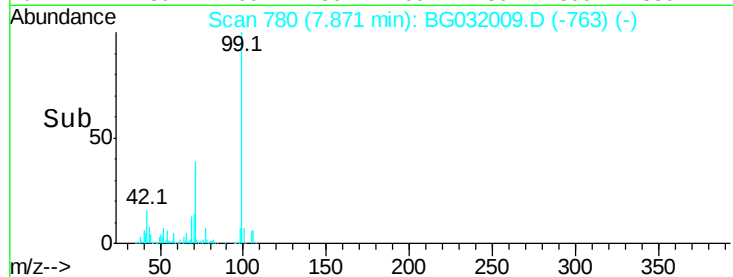
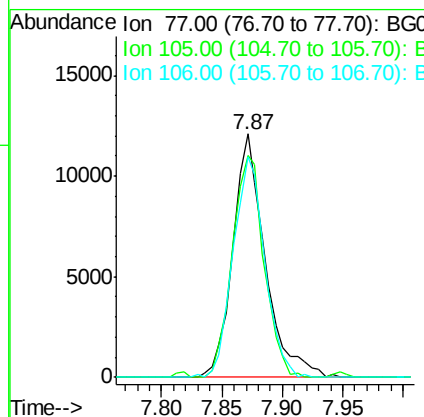
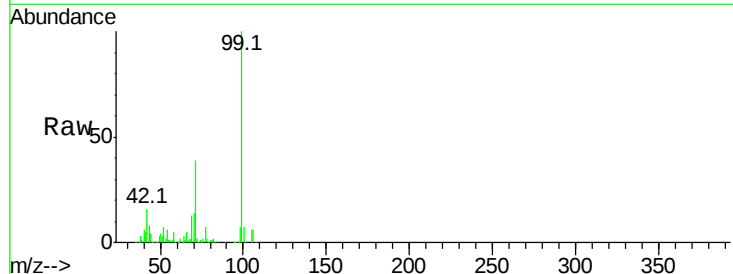




#9
Benzaldehyde
Concen: 9.385 ng
RT: 7.87 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

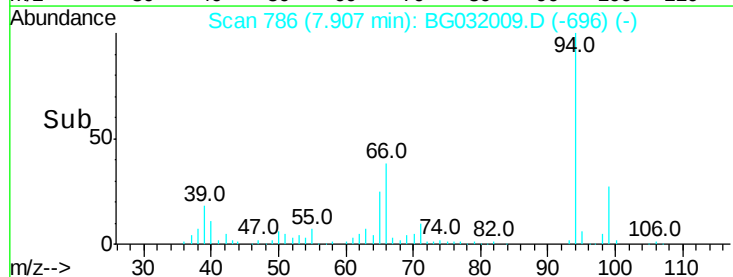
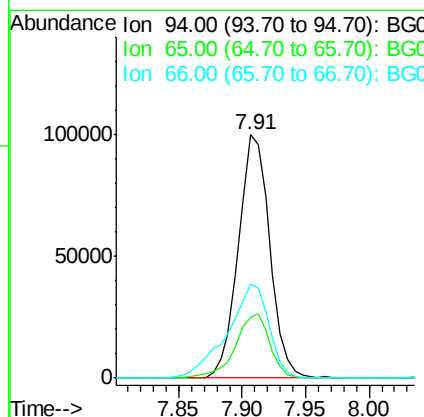
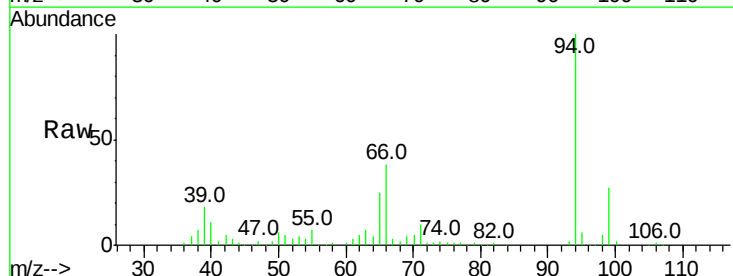
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 22525
Ion Ratio Lower Upper
77 100
105 91.0 71.3 111.3
106 90.5 64.2 104.2



#10
Phenol
Concen: 42.203 ng
RT: 7.91 min Scan# 786
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion: 94 Resp: 172218
Ion Ratio Lower Upper
94 100
65 24.8 11.9 51.9
66 38.3 22.2 62.2

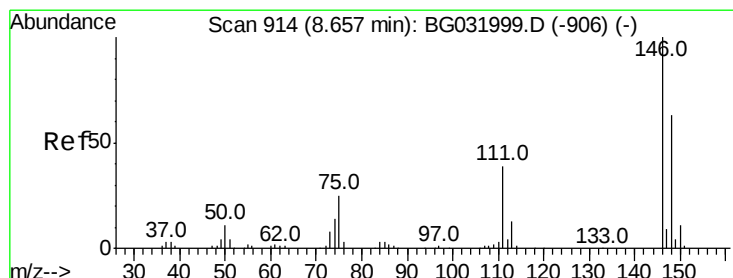
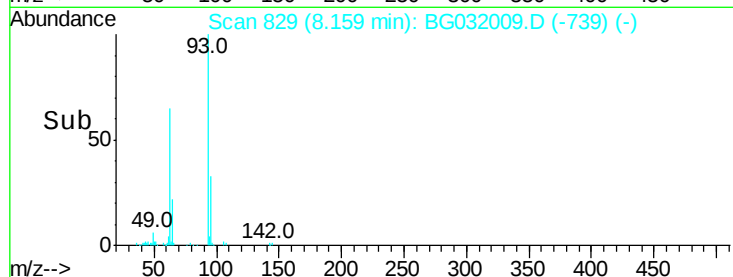
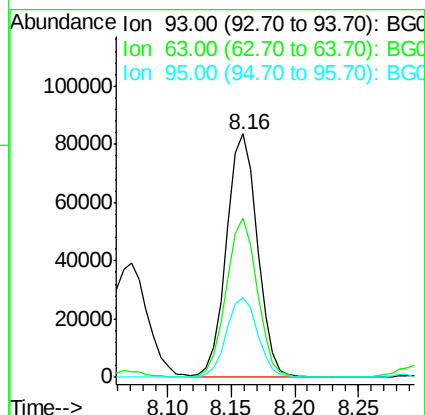
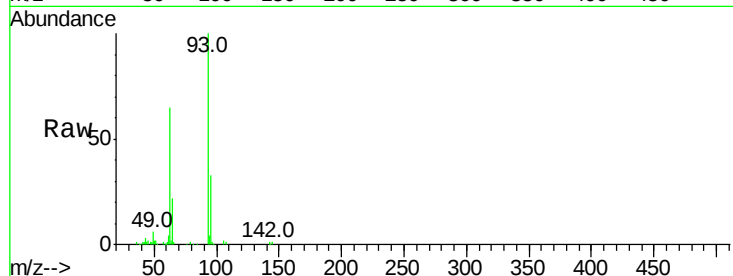




#11
bis(2-Chloroethyl)ether
Concen: 43.278 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

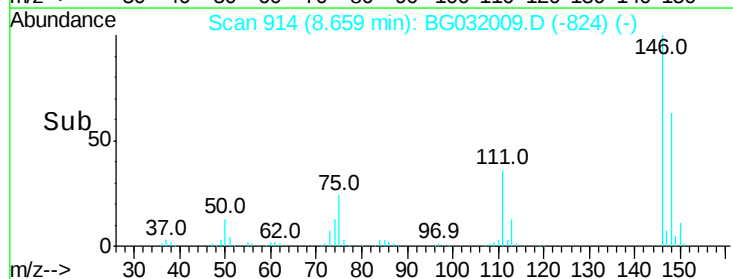
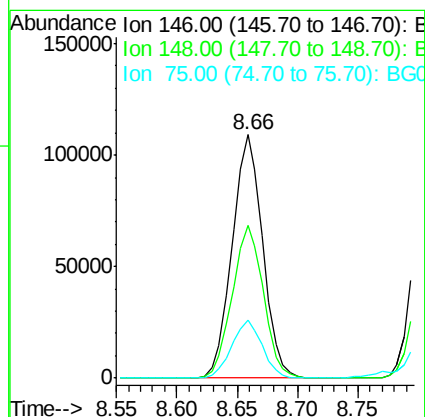
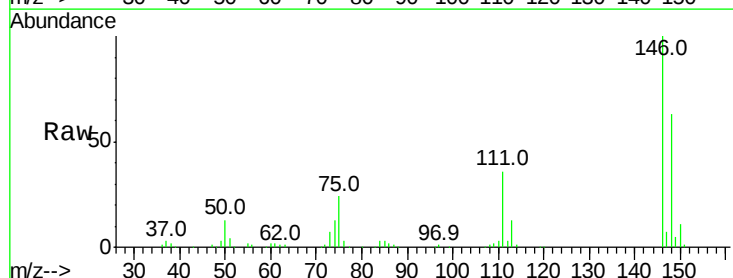
Instrument :
BNA_G
ClientSampled :

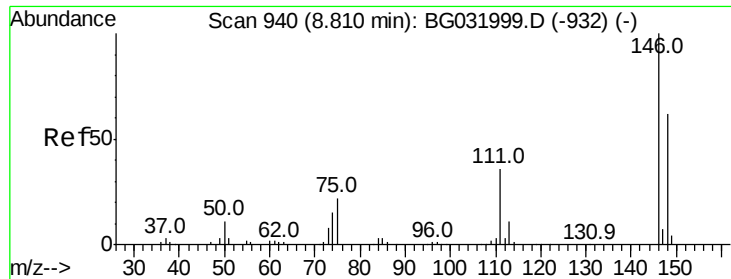
Tot Ion: 93 Resp: 141486
Ion Ratio Lower Upper
93 100
63 65.5 67.1 107.1#
95 32.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.808 ng
RT: 8.66 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion: 146 Resp: 191759
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 23.6 26.6 39.8#

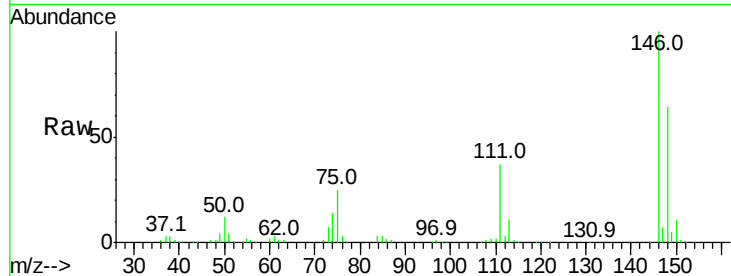




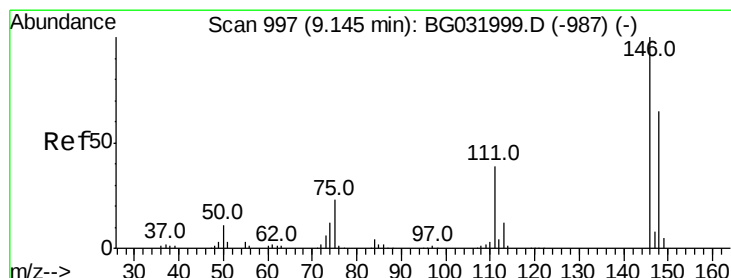
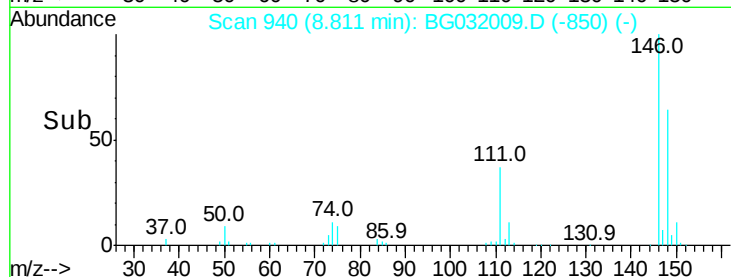
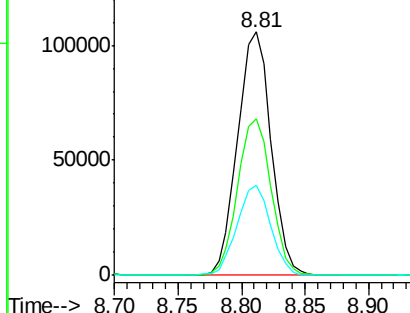
#13
 1,4-Dichlorobenzene
 Concen: 40.109 ng
 RT: 8.81 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 194536
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.7 80.5
 111 37.2 35.2 52.8

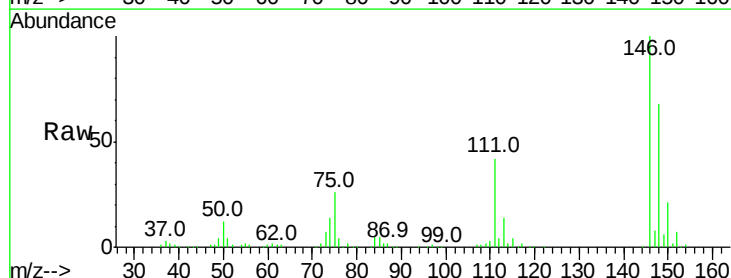


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

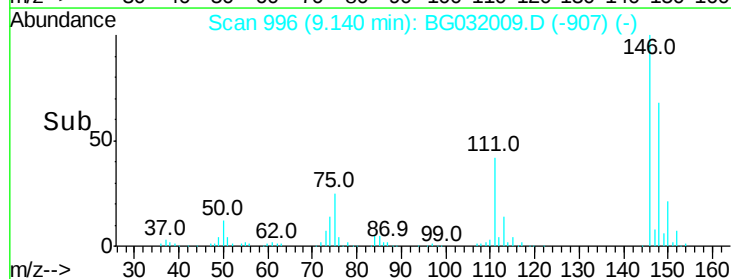
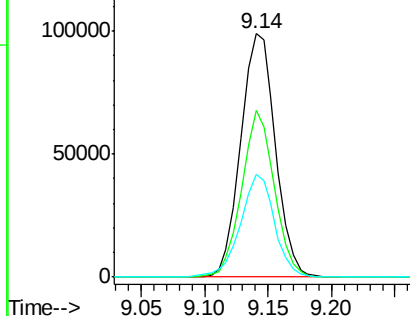


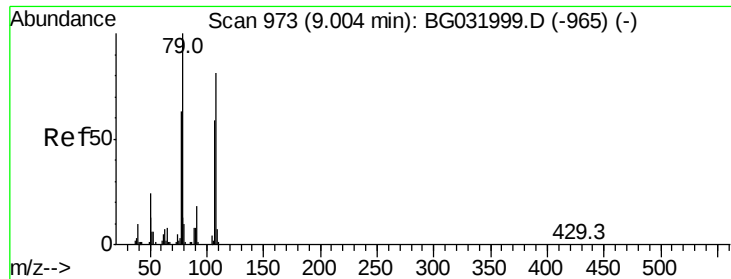
#14
 1,2-Dichlorobenzene
 Concen: 39.979 ng
 RT: 9.14 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion:146 Resp: 187548
 Ion Ratio Lower Upper
 146 100
 148 68.3 49.3 73.9
 111 42.1 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 45.644 ng

RT: 9.01 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

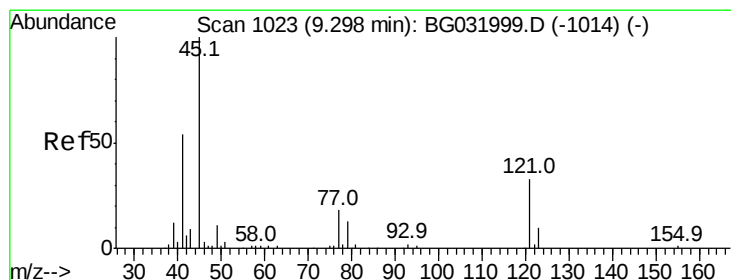
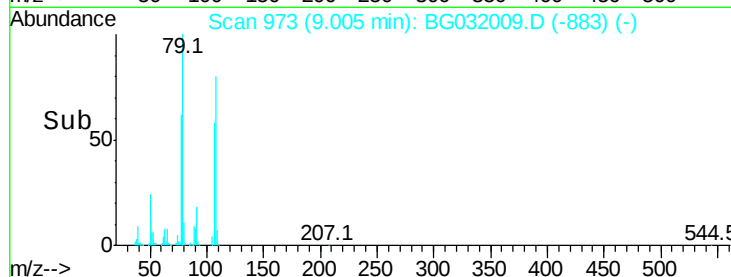
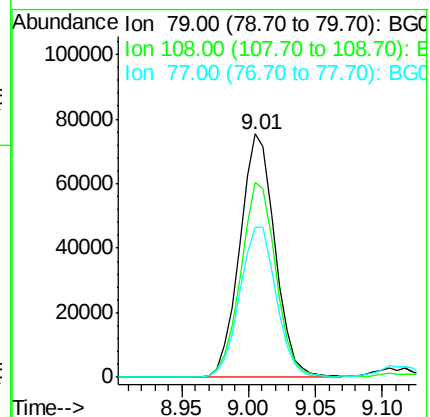
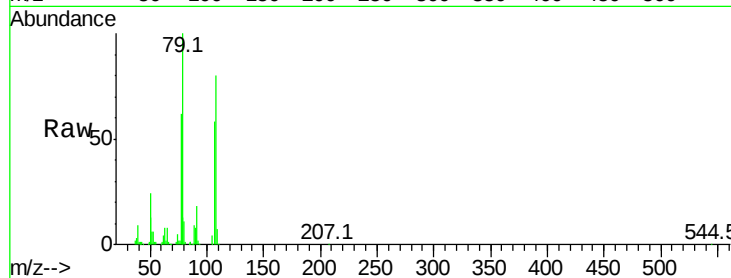
Tot Ion: 79 Resp: 137361

Ion Ratio Lower Upper

79 100

108 80.0 57.2 85.8

77 61.7 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.226 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

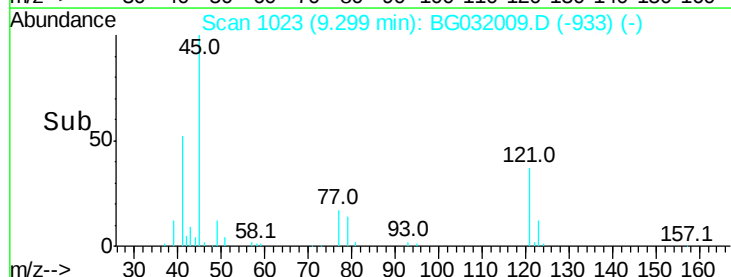
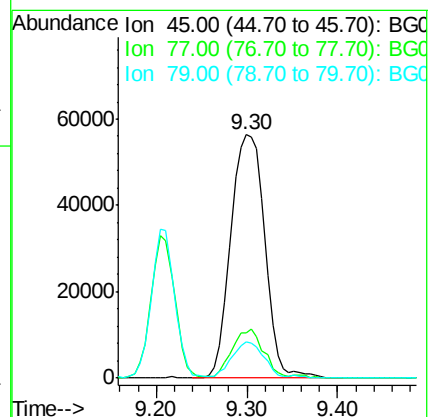
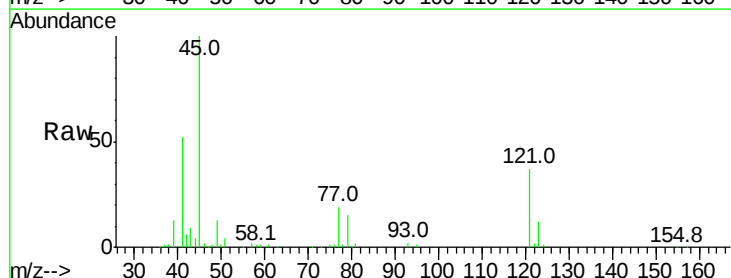
Tgt Ion: 45 Resp: 146939

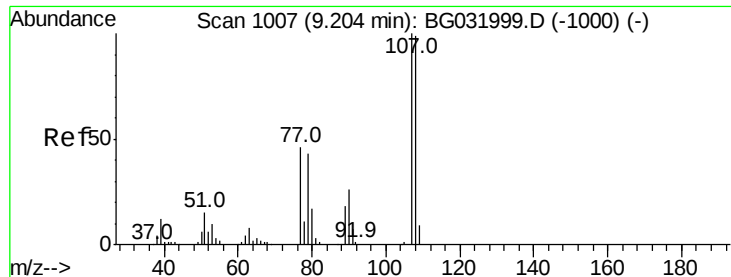
Ion Ratio Lower Upper

45 100

77 18.5 0.0 30.2

79 14.7 0.0 27.9





#17

2-Methylphenol

Concen: 43.699 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 136280

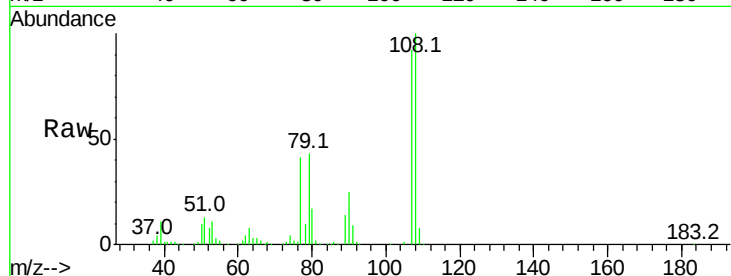
Ion Ratio Lower Upper

107 100

108 108.6 83.9 125.9

77 44.7 37.2 55.8

79 46.9 36.2 54.2

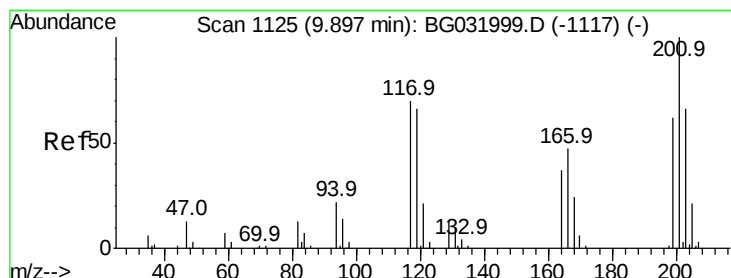
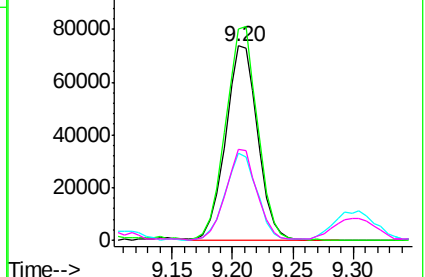
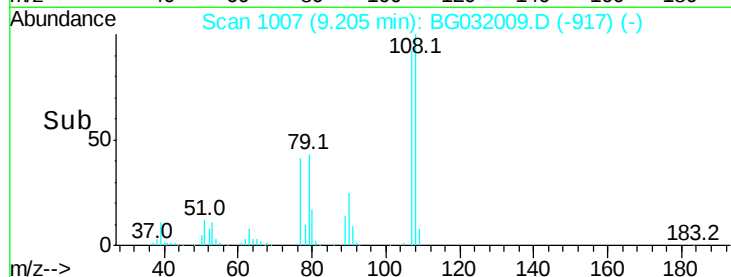


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.275 ng

RT: 9.90 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

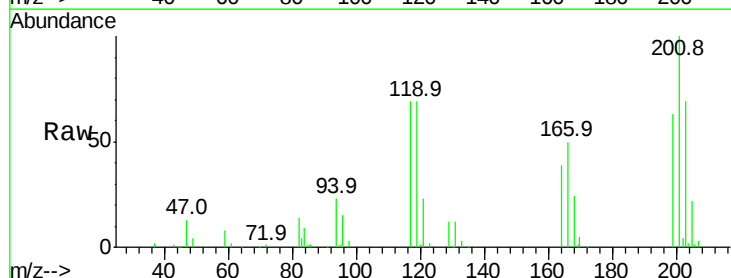
Tgt Ion:117 Resp: 61525

Ion Ratio Lower Upper

117 100

119 100.6 76.7 115.1

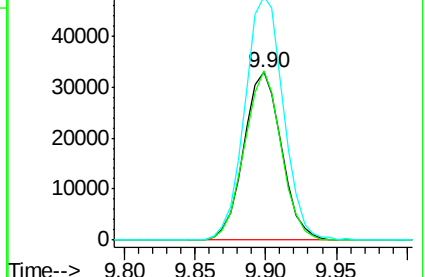
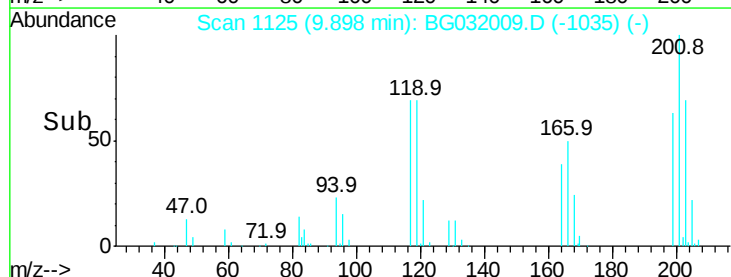
201 145.0 95.7 143.5#

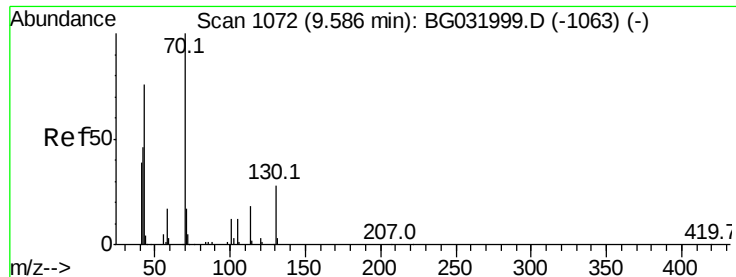


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

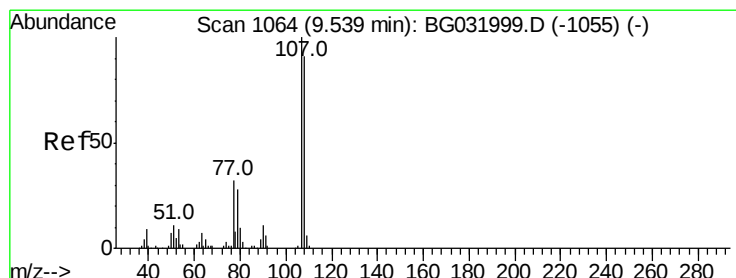
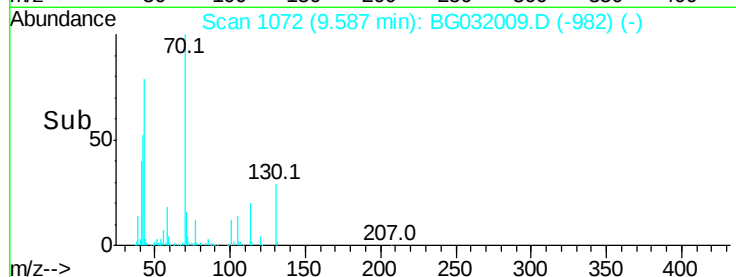
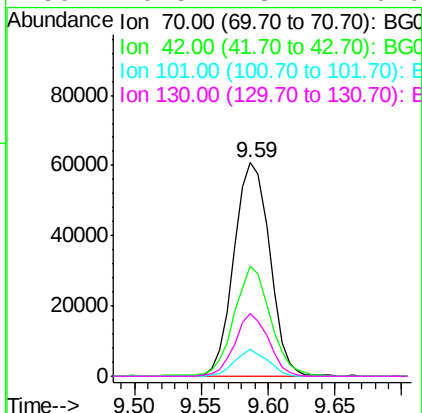
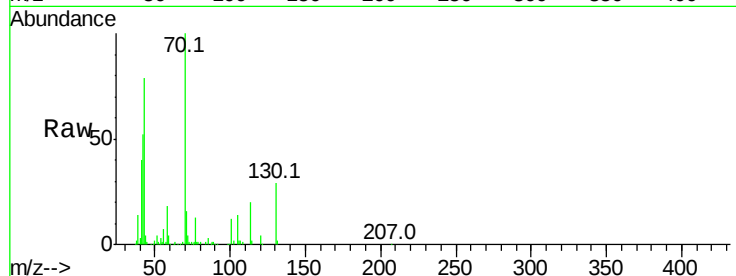




#19
n-Nitroso-di-n-propylamine
Concen: 43.999 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

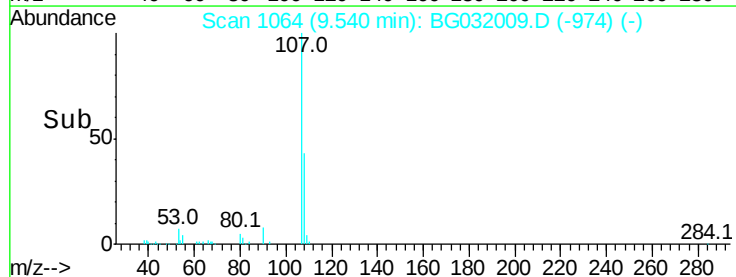
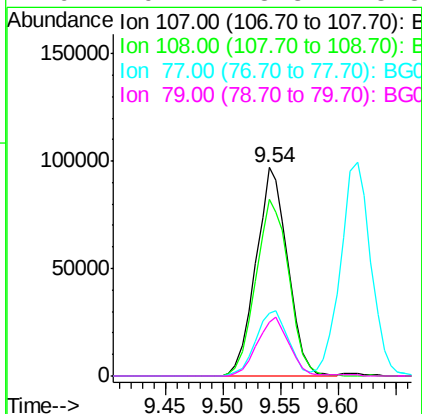
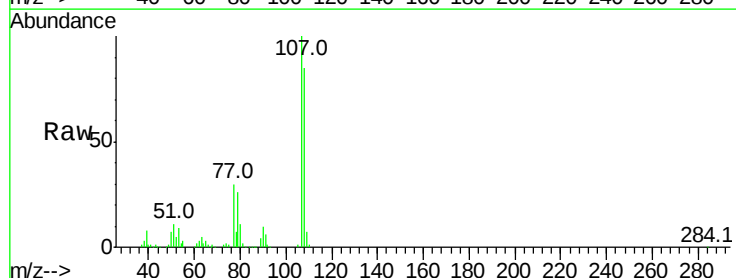
Instrument :
BNA_G
ClientSampleId :

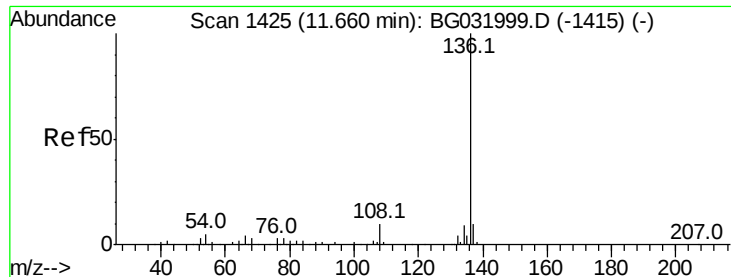
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.1	73.7
101	12.3	8.5	12.7
130	29.5	13.4	20.0



#20
3+4-Methylphenols
Concen: 43.110 ng
RT: 9.54 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	61.6	101.6
77	30.0	13.9	53.9
79	26.1	8.8	48.8

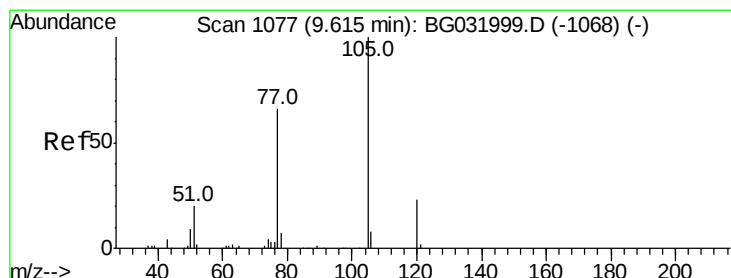
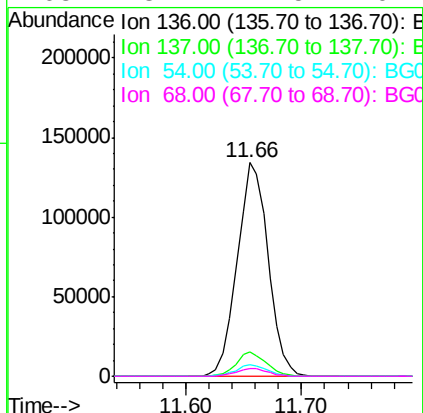
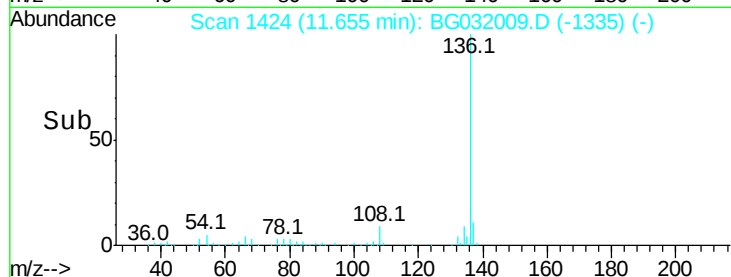
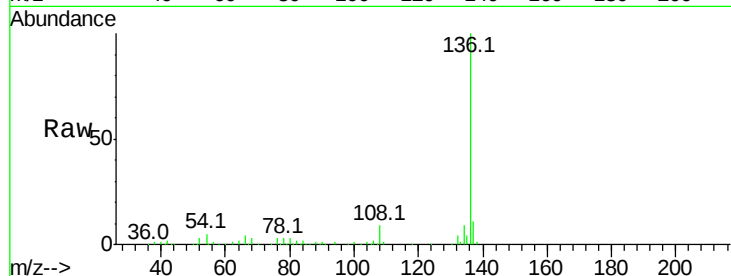




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

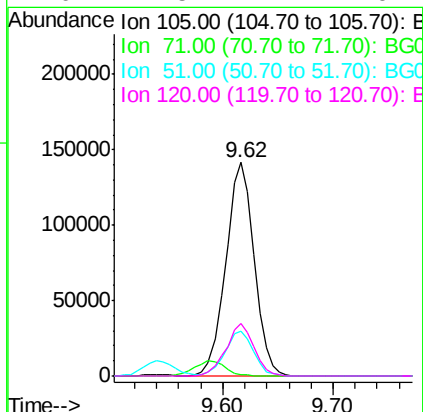
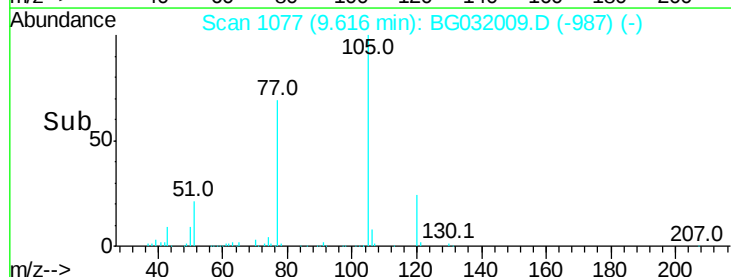
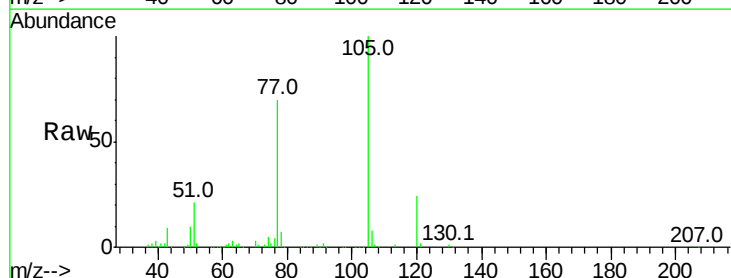
Instrument :
BNA_G
ClientSampleId :

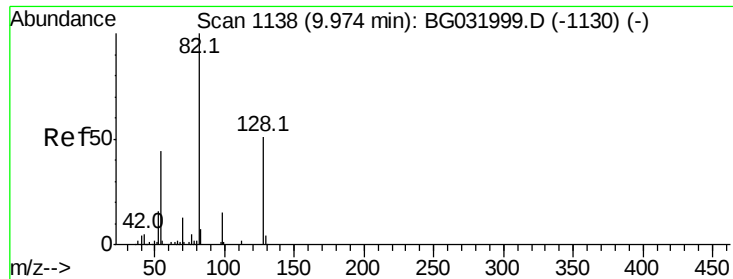
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.5	10.3	15.5#
68	3.4	4.5	6.7#



#22
Acetophenone
Concen: 45.245 ng
RT: 9.62 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.5	3.0	4.4#
51	21.2	26.1	39.1#
120	24.5	17.4	26.2

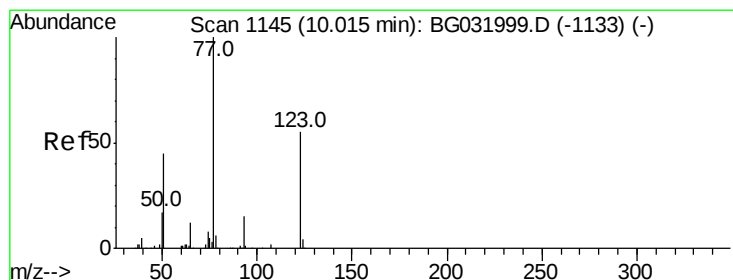
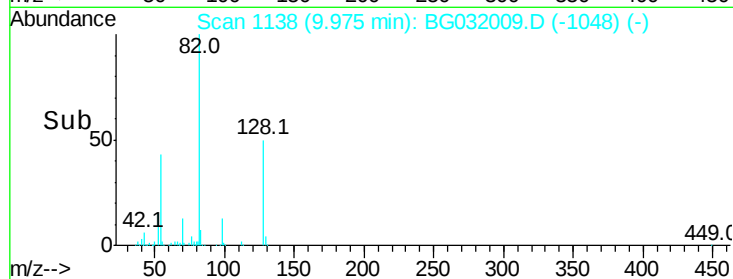
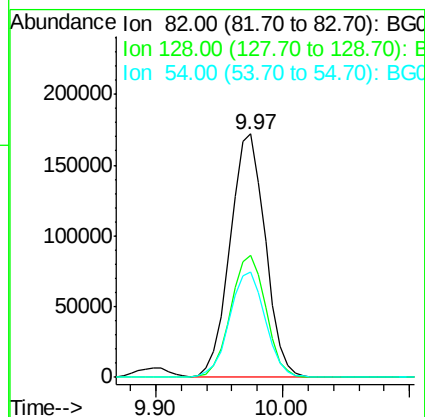
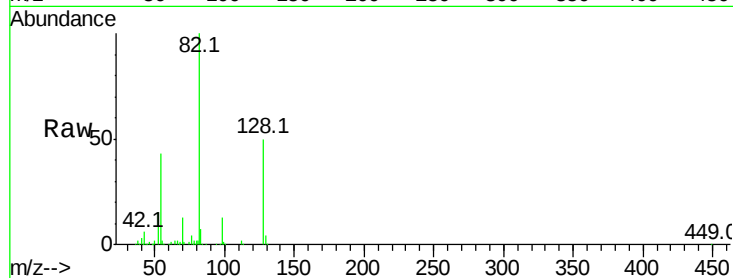




#23
 Nitrobenzene-d5
 Concen: 90.110 ng
 RT: 9.97 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

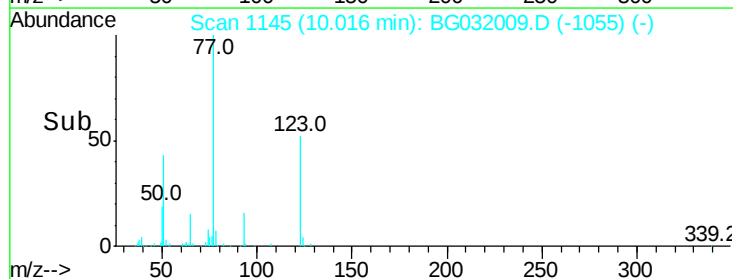
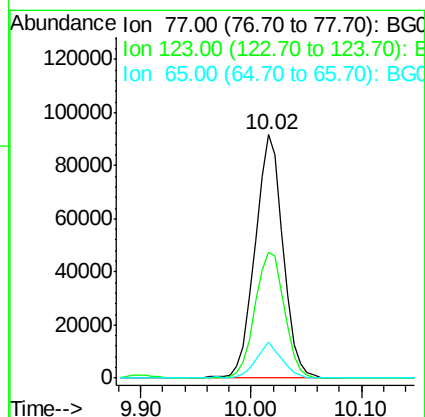
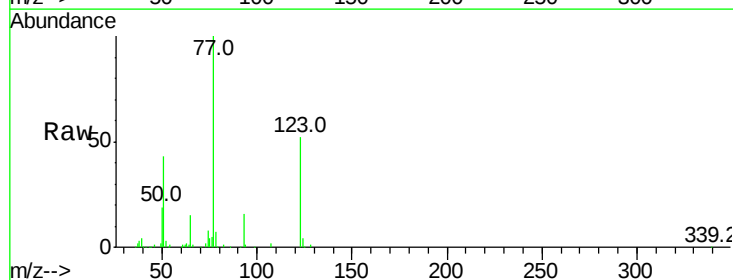
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 330398
 Ion Ratio Lower Upper
 82 100
 128 50.4 29.7 44.5#
 54 43.1 43.1 64.7#



#24
 Nitrobenzene
 Concen: 44.595 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion: 77 Resp: 163101
 Ion Ratio Lower Upper
 77 100
 123 51.6 33.0 49.6#
 65 15.1 13.0 19.6





#25

Isophorone

Concen: 46.689 ng

RT: 10.54 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

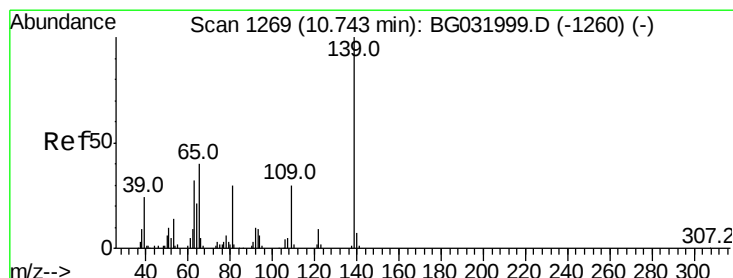
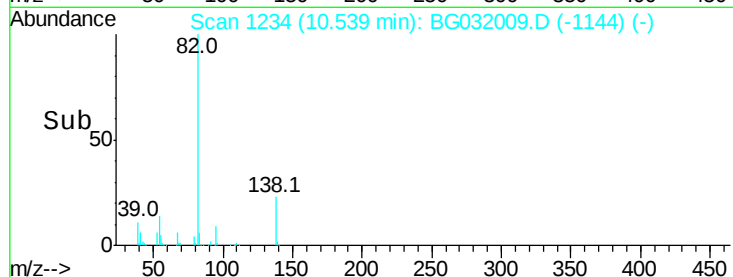
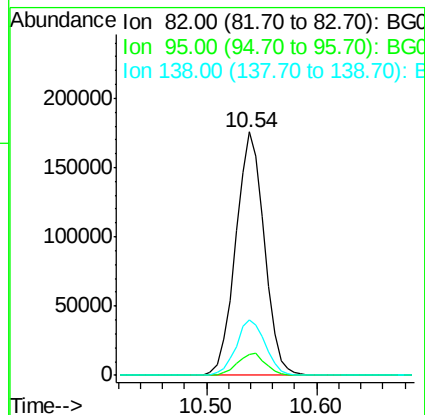
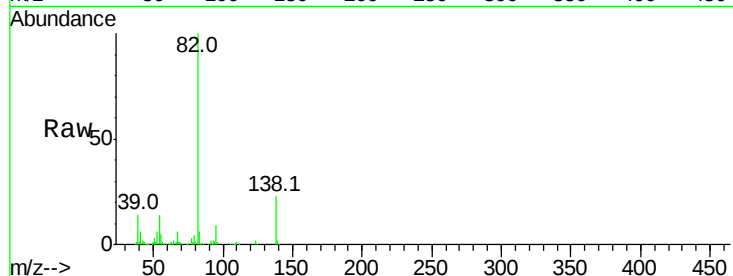
Tot Ion: 82 Resp: 318760

Ion Ratio Lower Upper

82 100

95 8.8 6.2 9.2

138 22.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 47.566 ng

RT: 10.74 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

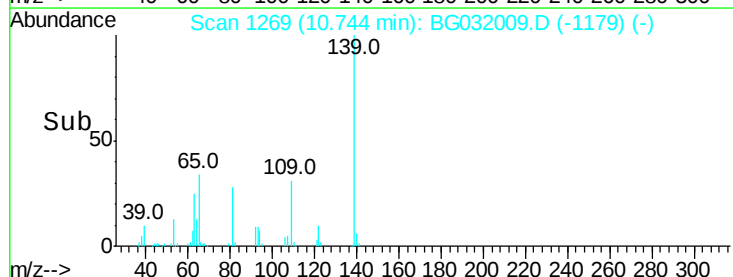
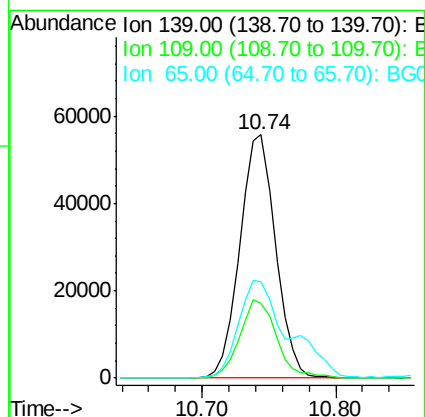
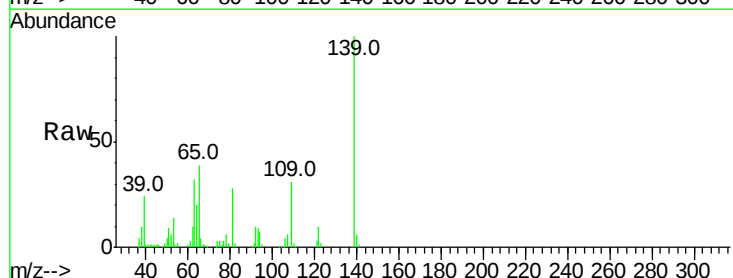
Tgt Ion: 139 Resp: 103080

Ion Ratio Lower Upper

139 100

109 30.7 24.2 36.2

65 39.4 47.4 71.0#

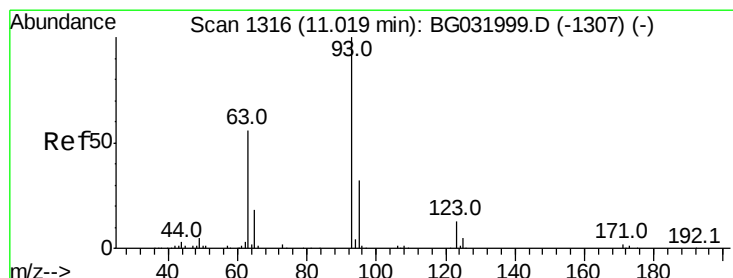
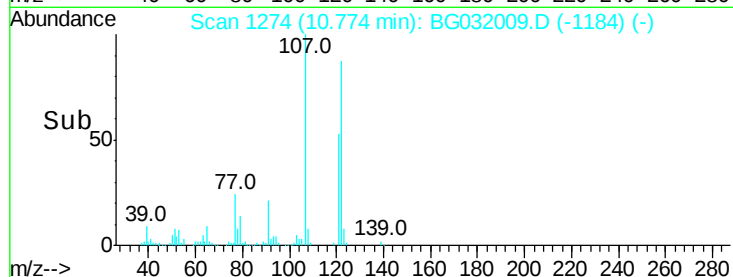
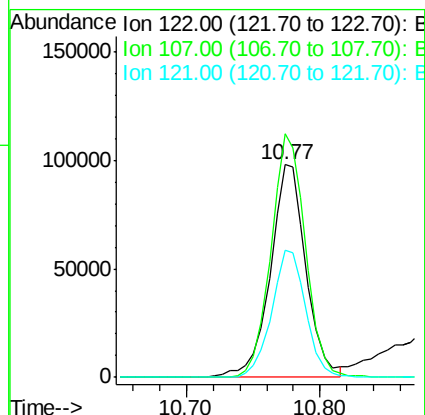
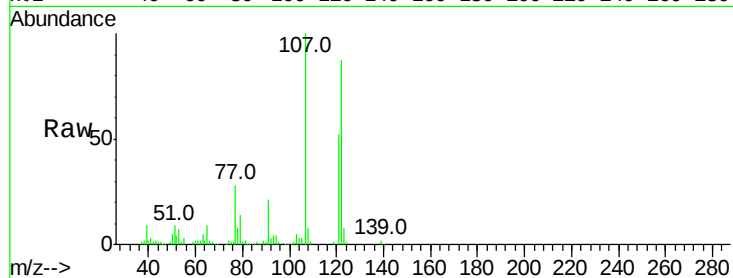




#27
 2,4-Dimethylphenol
 Concen: 52.986 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

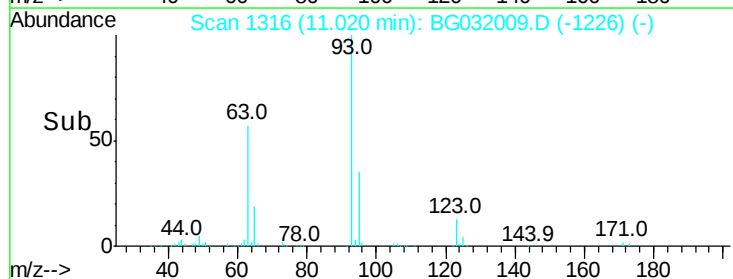
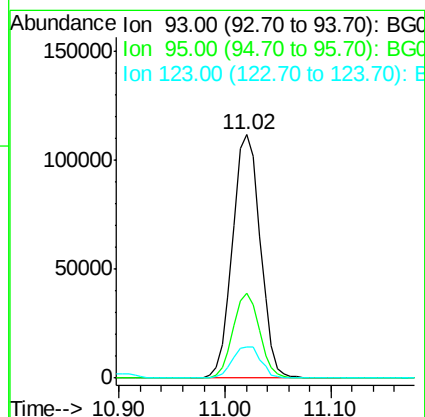
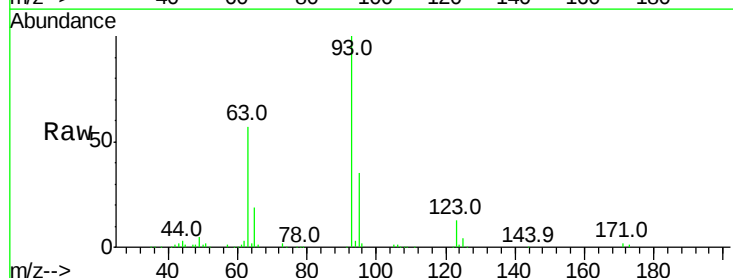
Instrument :
 BNA_G
 ClientSampled :

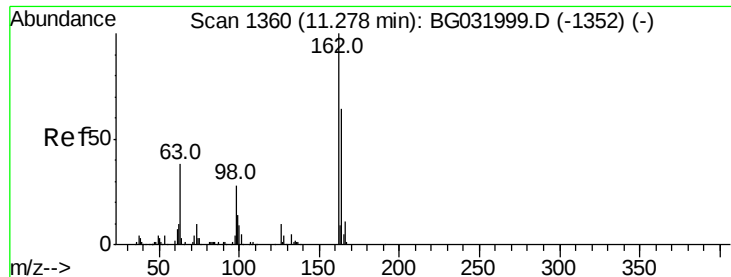
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	100.2	150.2
121	60.1	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.199 ng
 RT: 11.02 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.9	24.3	36.5
123	12.8	8.4	12.6

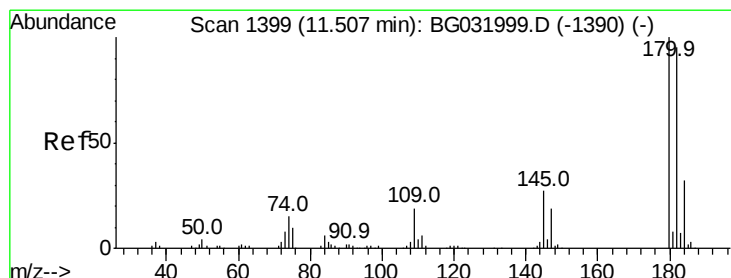
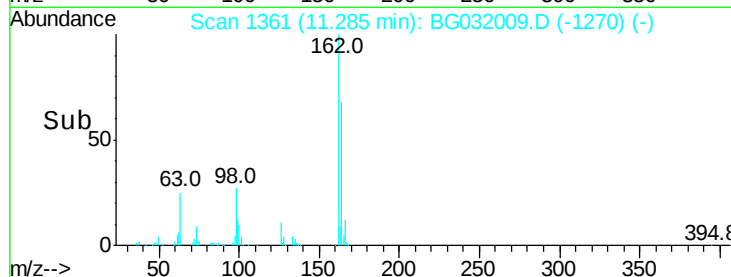
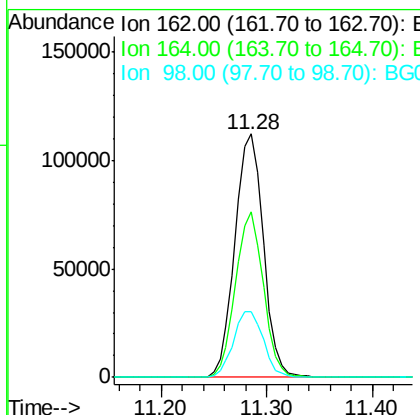
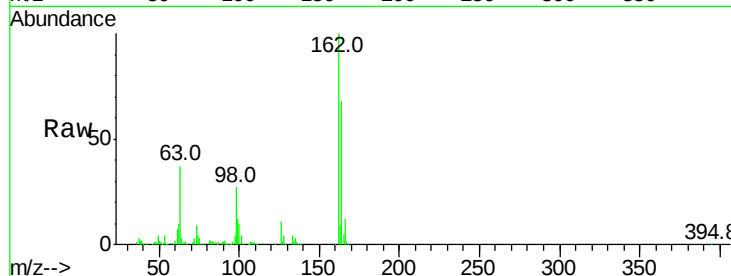




#29
2,4-Dichlorophenol
Concen: 49.525 ng
RT: 11.28 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

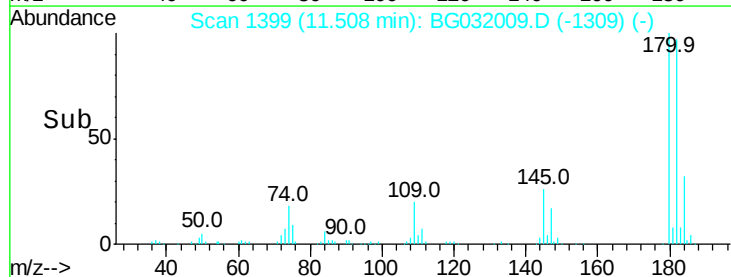
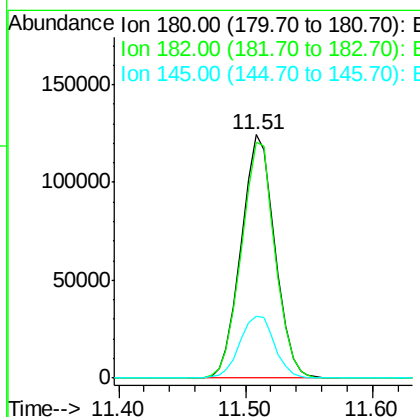
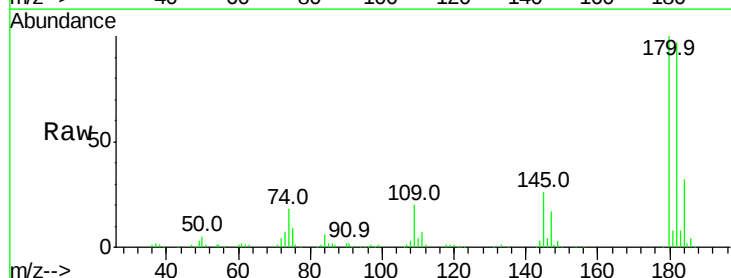
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	48.0	88.0
98	27.0	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 41.950 ng
RT: 11.51 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	25.7	23.4	35.2

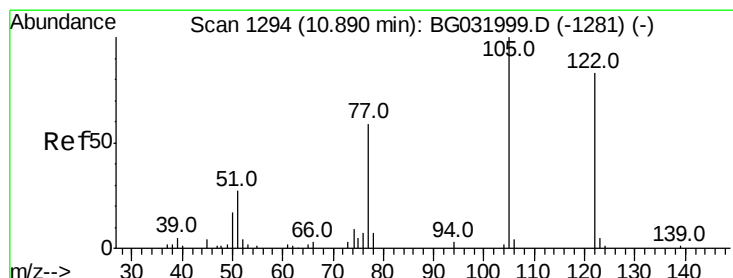
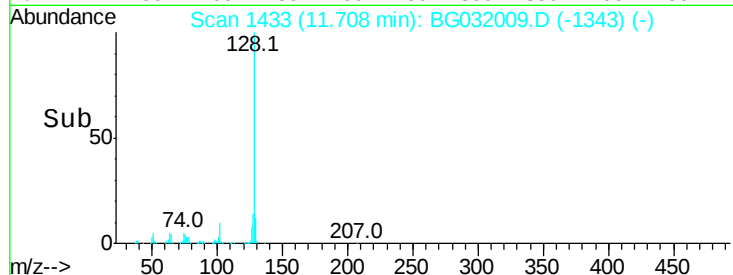
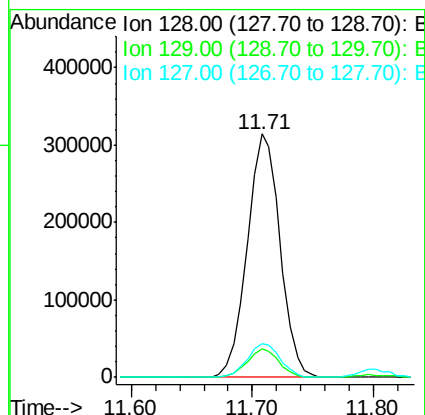
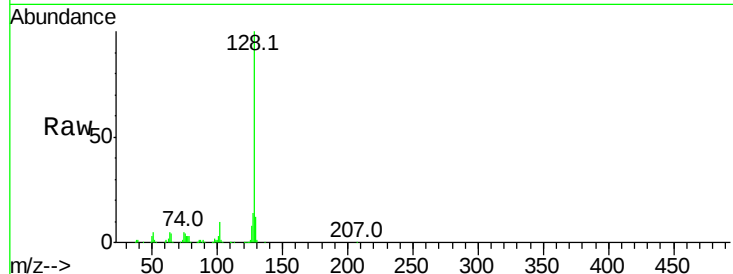




#31
Naphthalene
Concen: 48.302 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

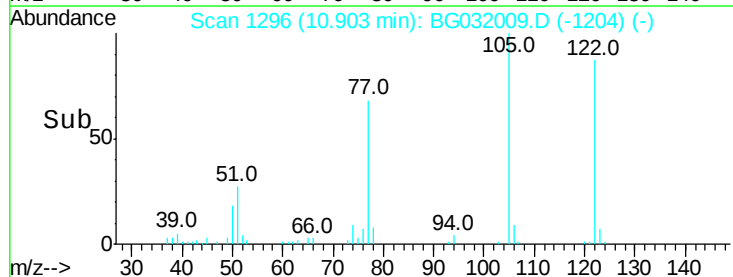
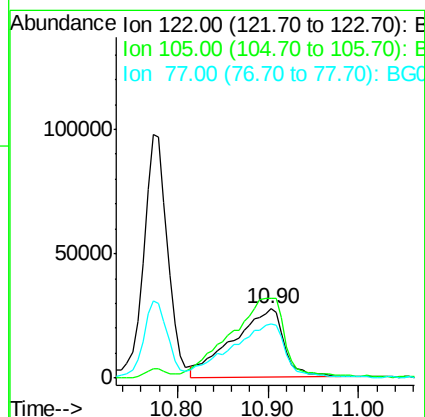
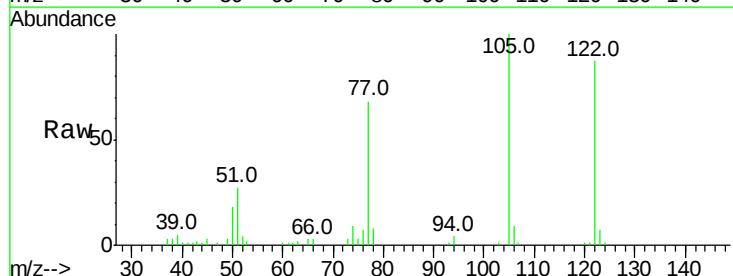
Instrument :
BNA_G
ClientSampleId :

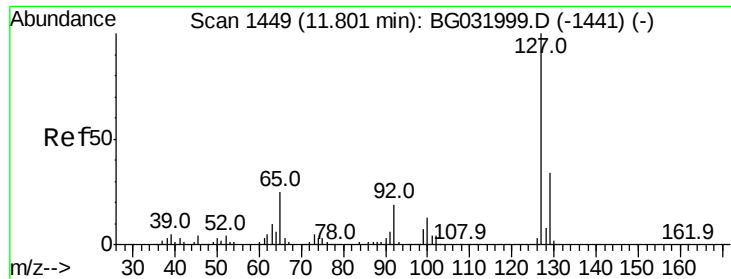
Tot Ion:128 Resp: 593550
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 39.960 ng
RT: 10.90 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:122 Resp: 107511
Ion Ratio Lower Upper
122 100
105 115.5 123.5 163.5#
77 78.8 85.7 125.7#

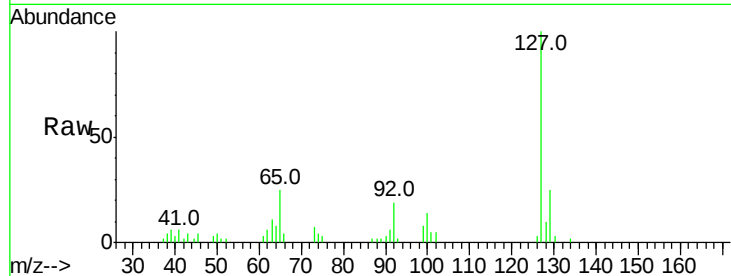




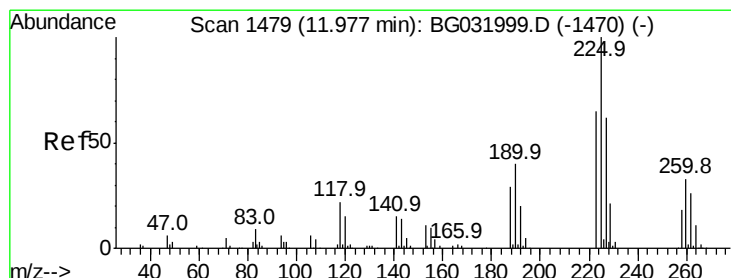
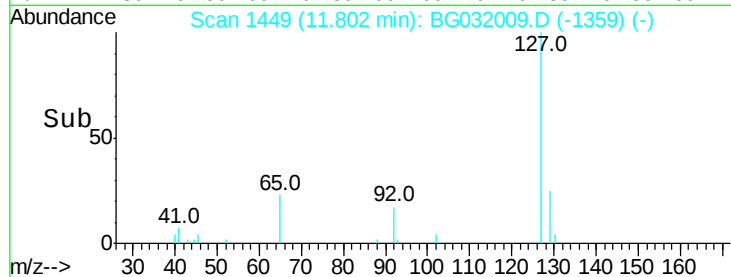
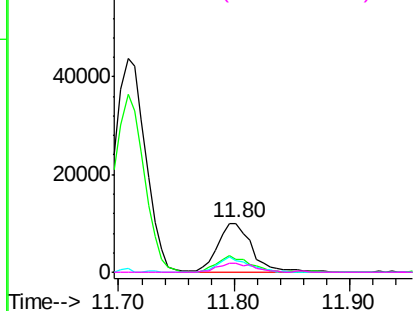
#33
4-Chloroaniline
Concen: 3.959 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	20862
Ion	Ratio	Lower	Upper
127	100		
129	25.3	24.0	36.0
65	24.6	27.0	40.4#
92	18.5	16.6	25.0

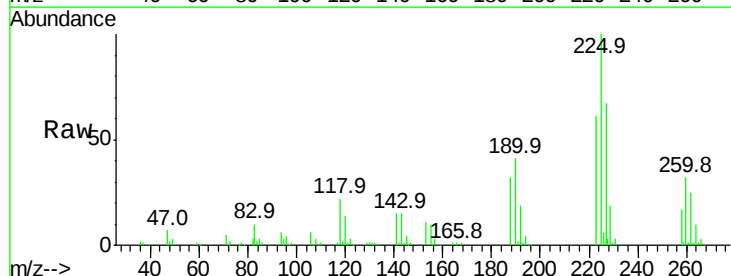


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

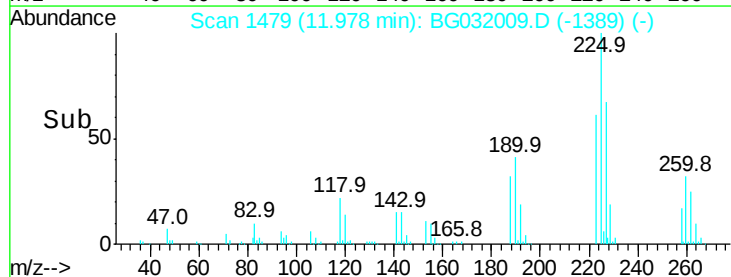
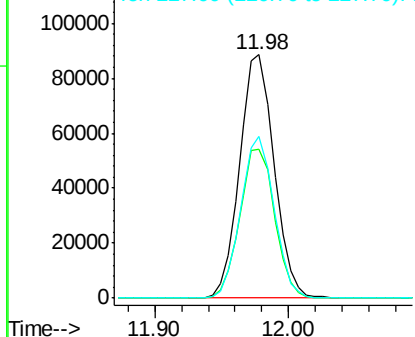


#34
Hexachlorobutadiene
Concen: 40.235 ng
RT: 11.98 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:	225	Resp:	157930
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	66.6	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: 38.006 ng

RT: 12.55 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampled :

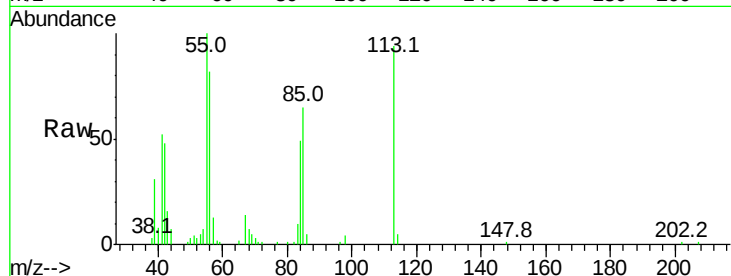
Tot Ion:113 Resp: 48790

Ion Ratio Lower Upper

113 100

55 105.9 186.9 226.9#

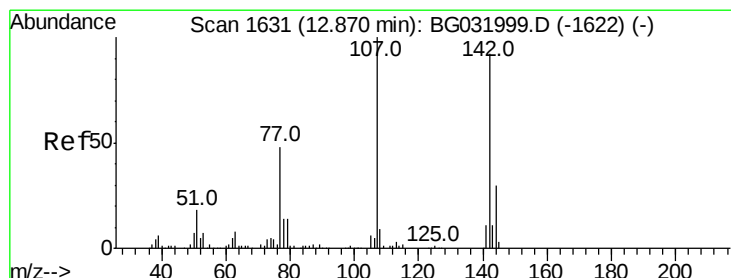
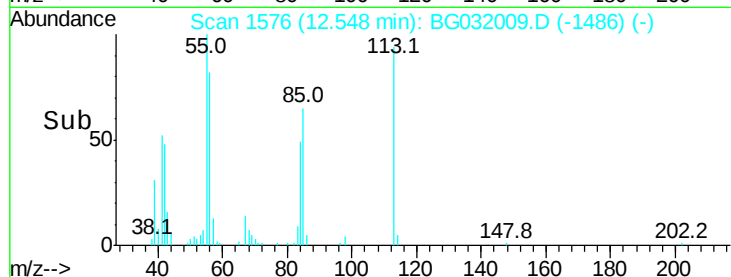
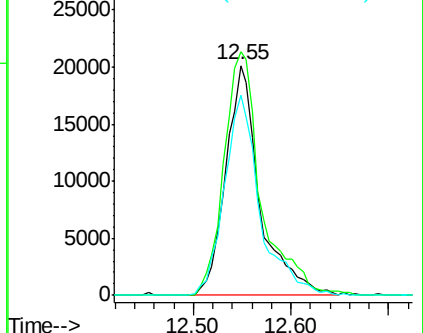
56 87.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 49.286 ng

RT: 12.87 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

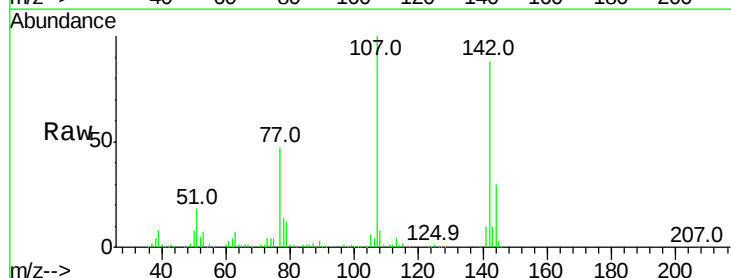
Tgt Ion:107 Resp: 190896

Ion Ratio Lower Upper

107 100

144 30.0 18.2 27.4#

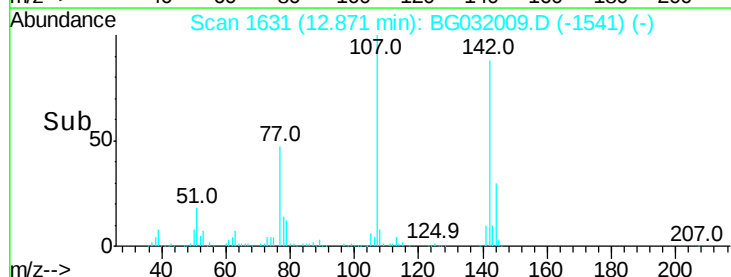
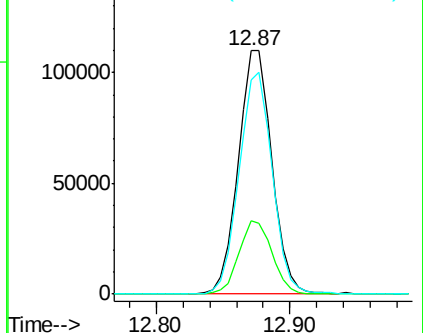
142 87.7 59.0 88.4

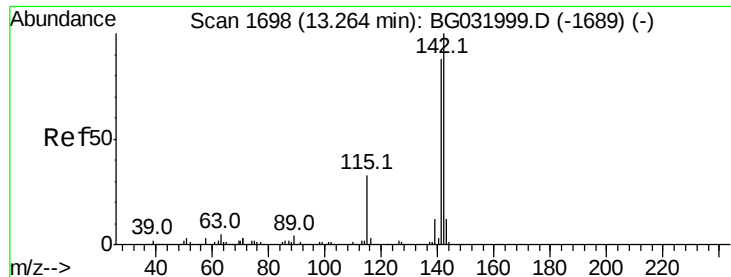


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

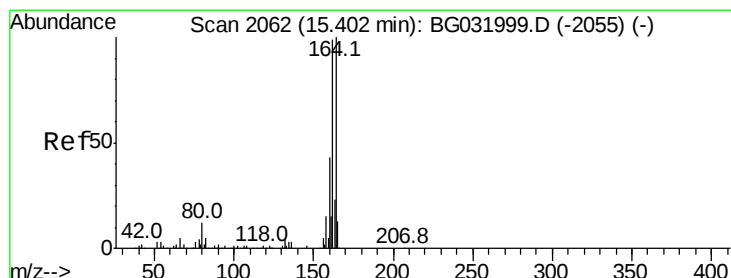
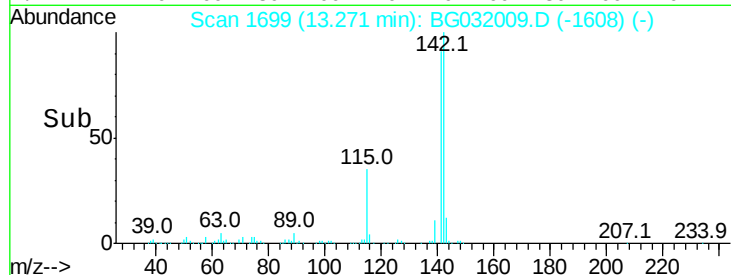
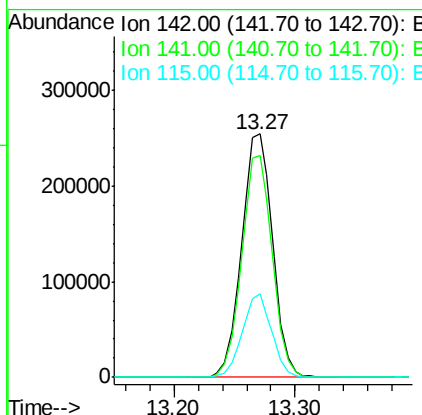
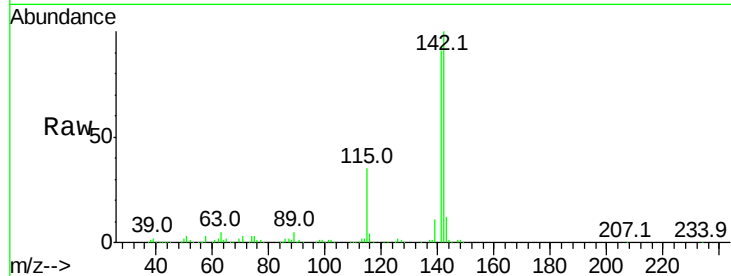




#37
2-Methylnaphthalene
Concen: 46.519 ng
RT: 13.27 min Scan# 1699
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

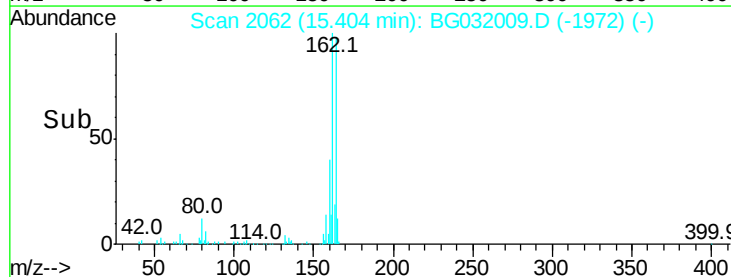
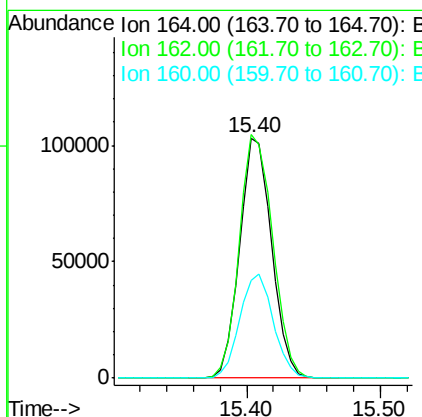
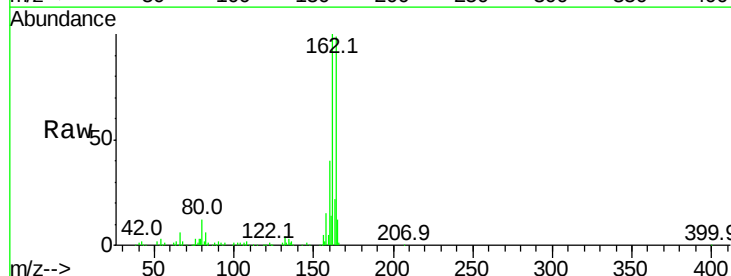
Instrument :
BNA_G
ClientSampleId :

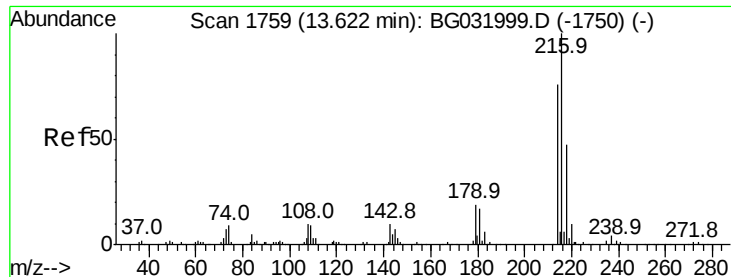
Tot Ion:142 Resp: 453841
Ion Ratio Lower Upper
142 100
141 91.1 67.1 100.7
115 34.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:164 Resp: 170502
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 40.9 35.4 53.0

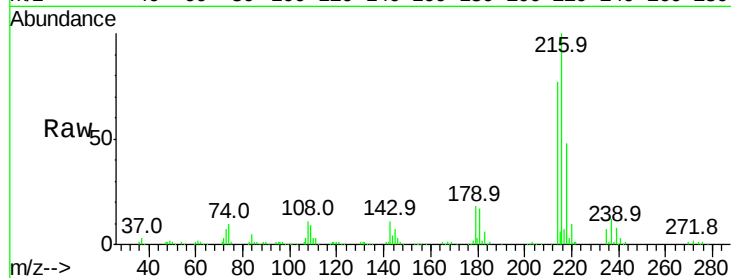




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.939 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.0	94.4
179	18.6	17.0	25.6
108	12.7	12.8	19.2#

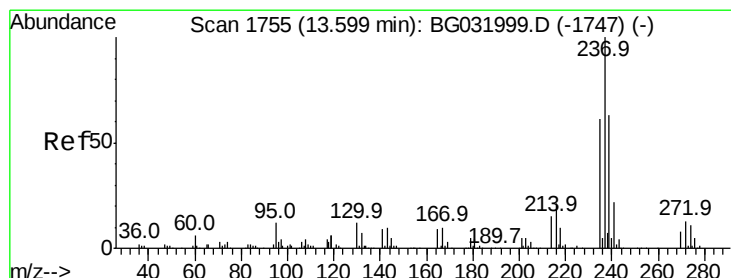
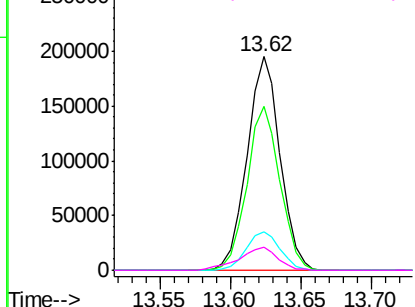
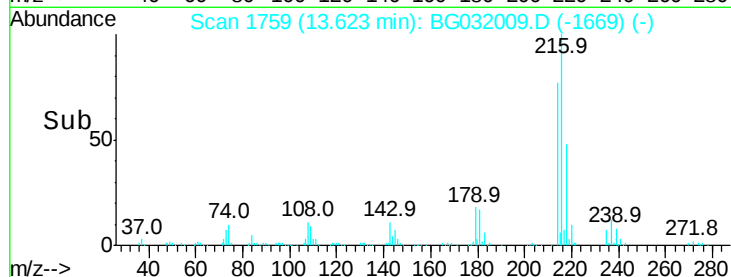


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

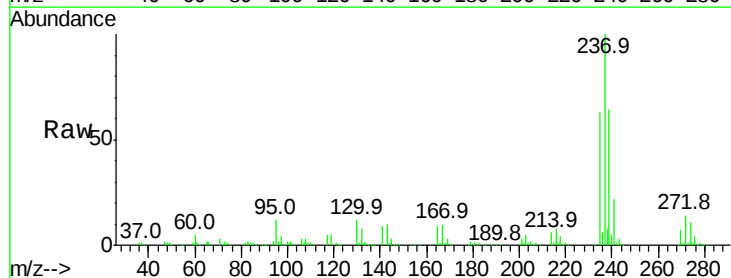
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 98.313 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

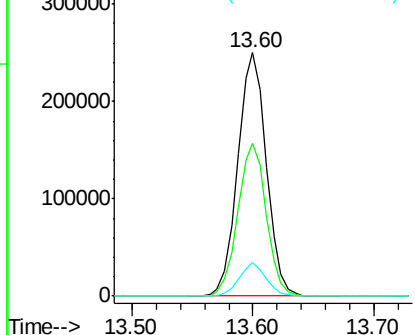
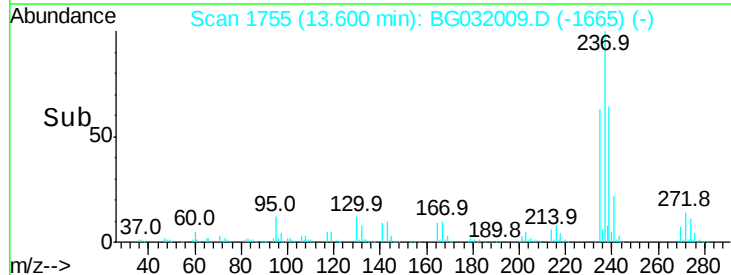
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.4	90.4
272	13.7	0.0	31.8

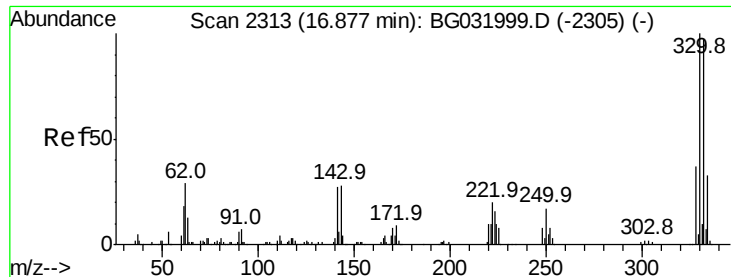


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 135.809 ng

RT: 16.88 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

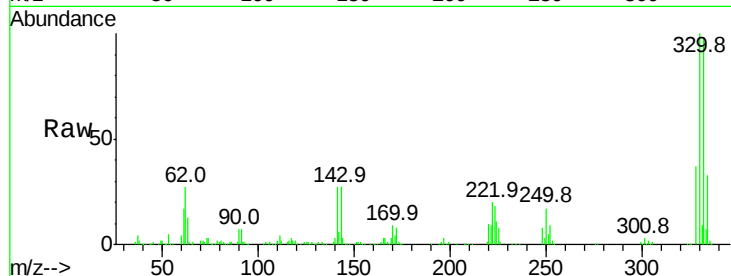
Tot Ion:330 Resp: 383174

Ion Ratio Lower Upper

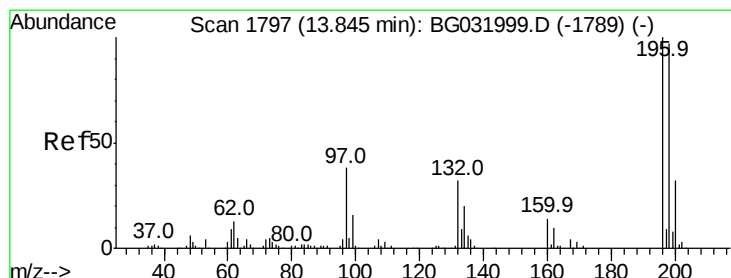
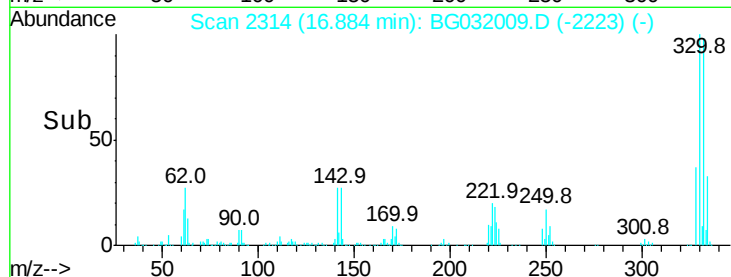
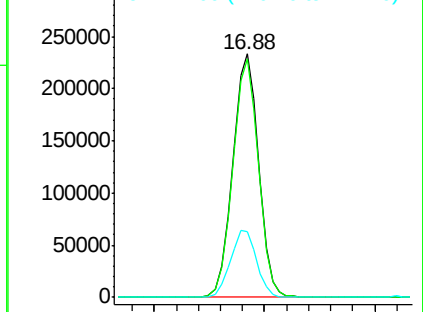
330 100

332 97.1 77.0 115.6

141 27.8 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: 47.797 ng

RT: 13.85 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

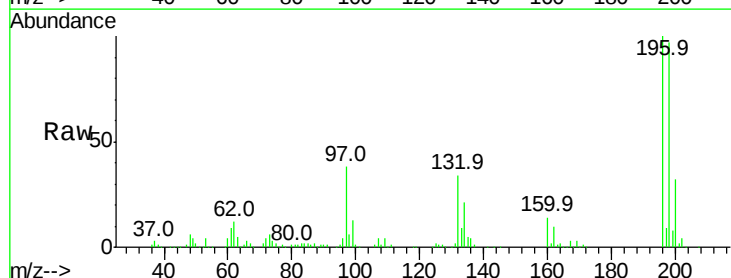
Tgt Ion:196 Resp: 199600

Ion Ratio Lower Upper

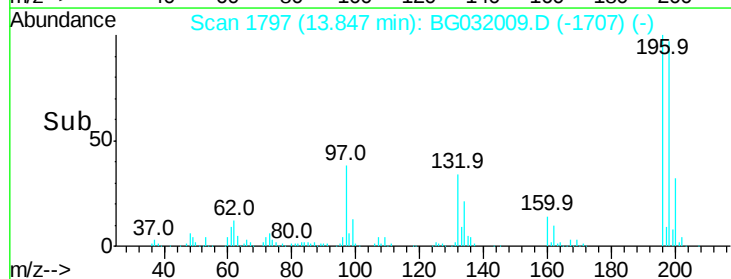
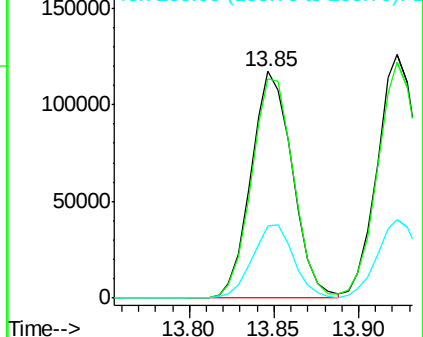
196 100

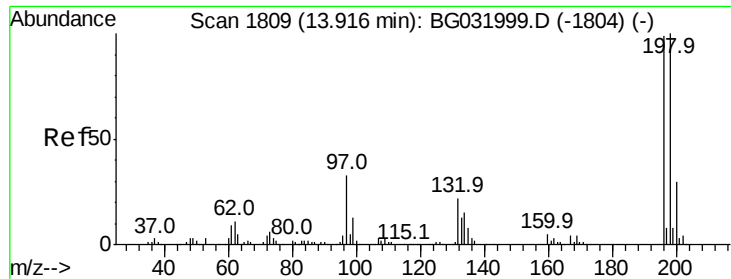
198 96.8 78.2 117.2

200 32.0 24.6 36.8



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

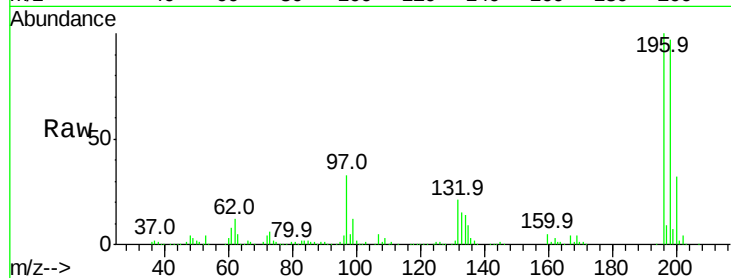




#43
 2,4,5-Trichlorophenol
 Concen: 44.984 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.4
97	32.8	38.7	58.1
132	20.6	20.2	30.2



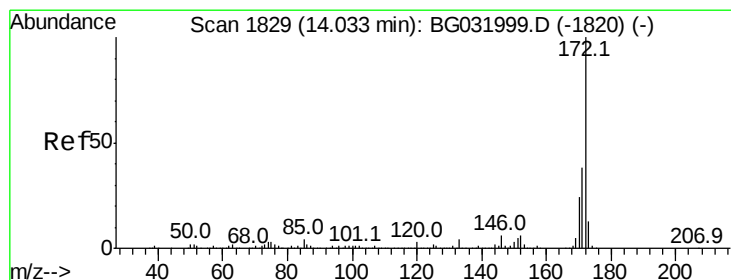
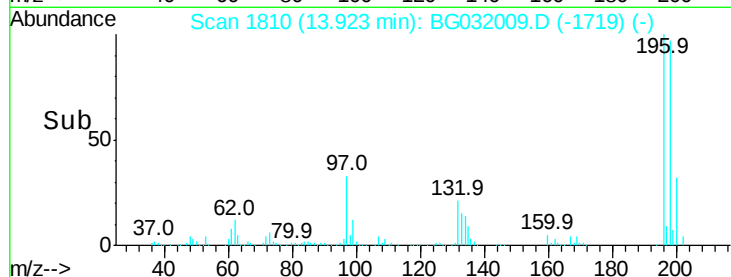
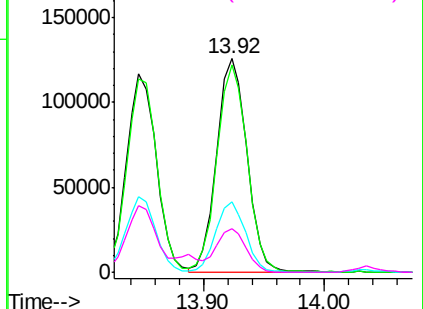
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

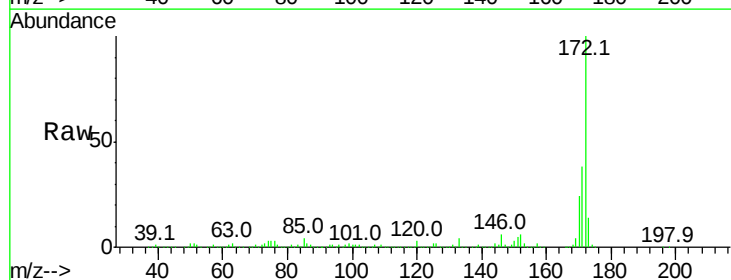
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.096 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.0	45.0
170	23.9	19.5	29.3

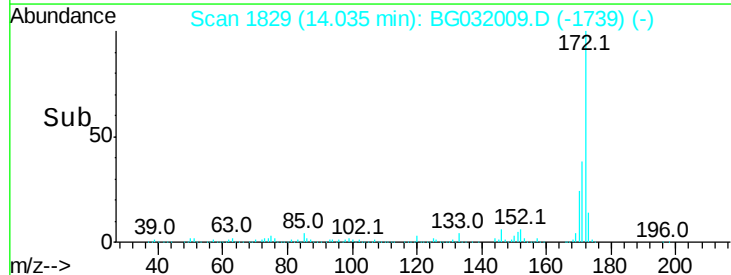
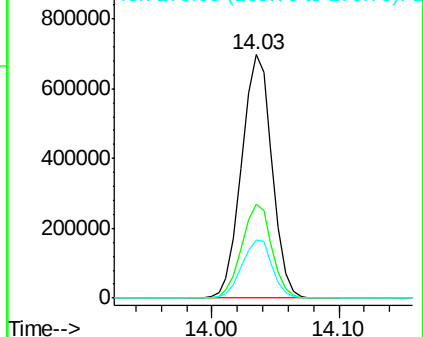


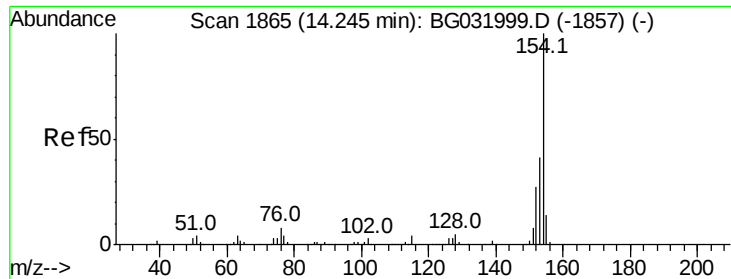
Abundance

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

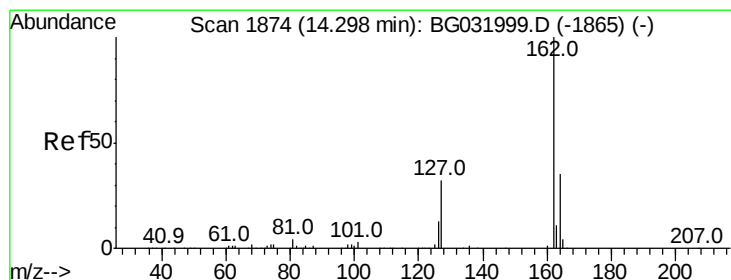
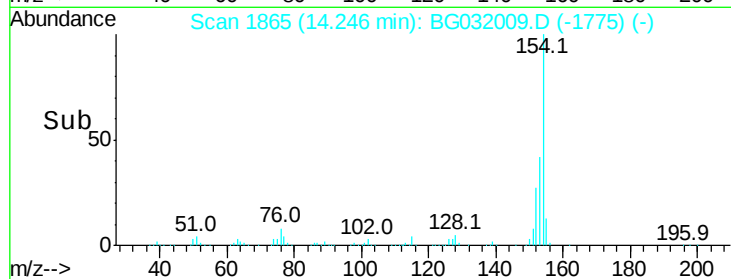
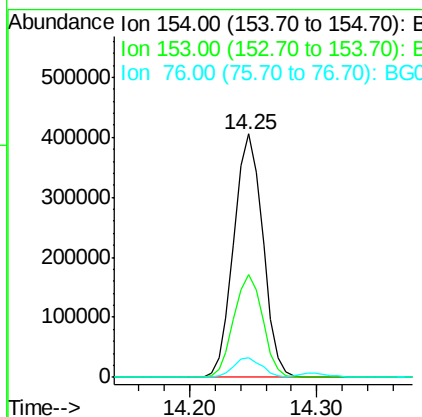
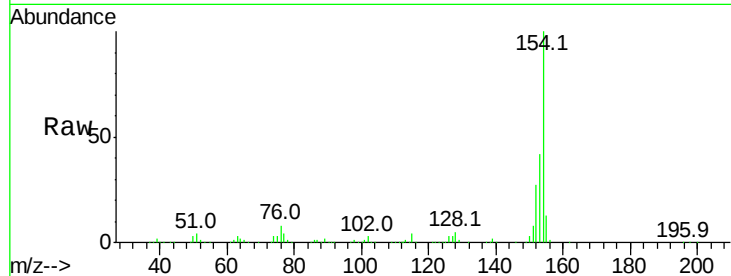




#45
 1,1'-Biphenyl
 Concen: 43.953 ng
 RT: 14.25 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

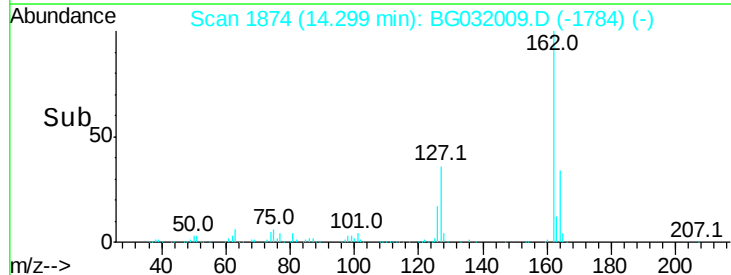
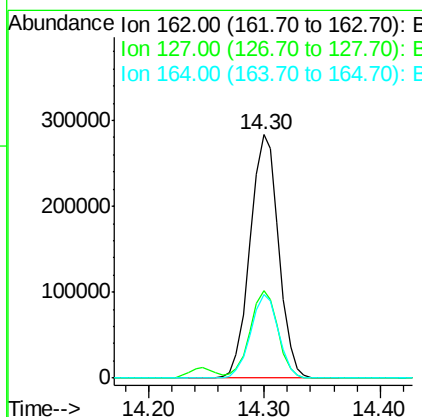
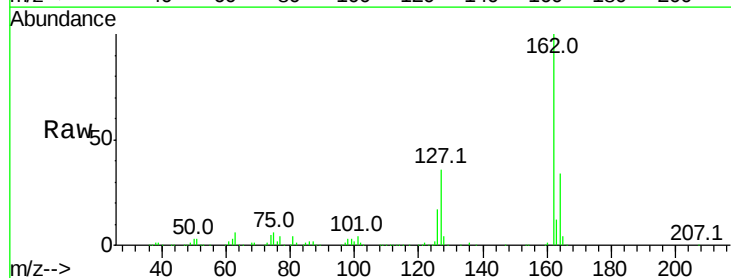
Instrument :
 BNA_G
 ClientSampled :

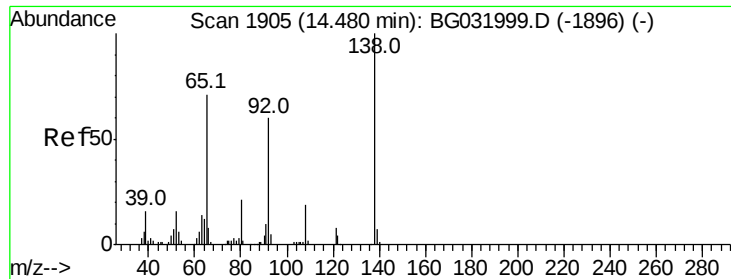
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	8.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 42.805 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	30.7	46.1
164	34.3	26.0	39.0

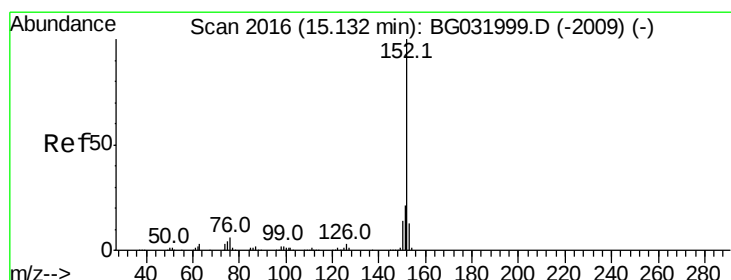
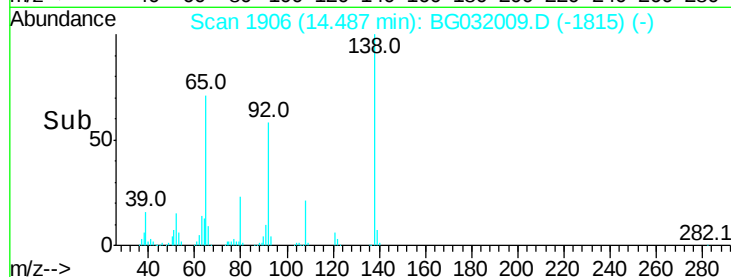
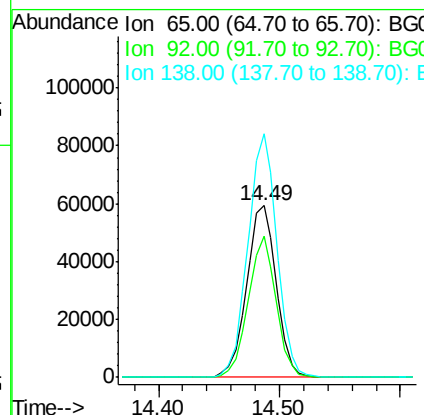
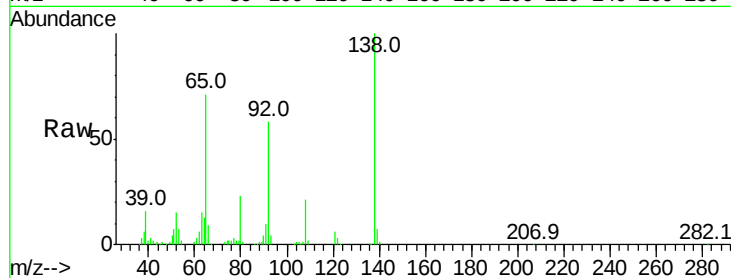




#47
2-Nitroaniline
Concen: 46.571 ng
RT: 14.49 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

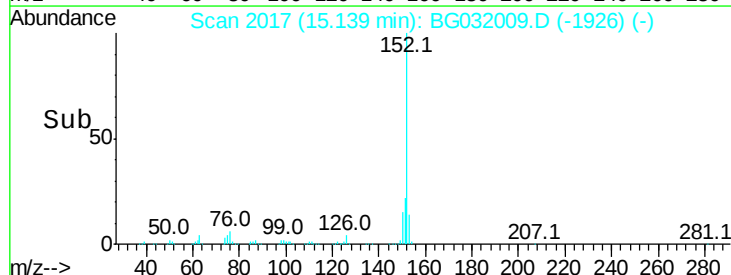
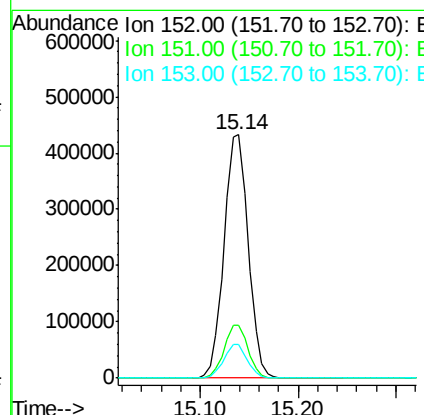
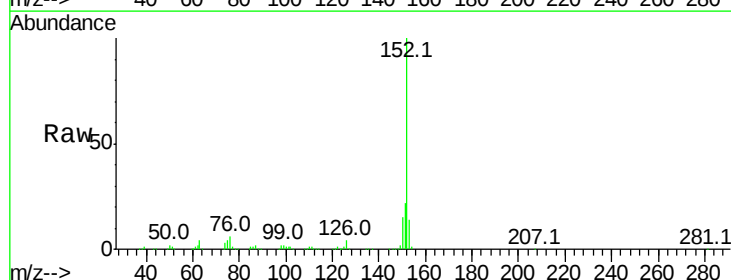
Instrument :
BNA_G
ClientSampleId :

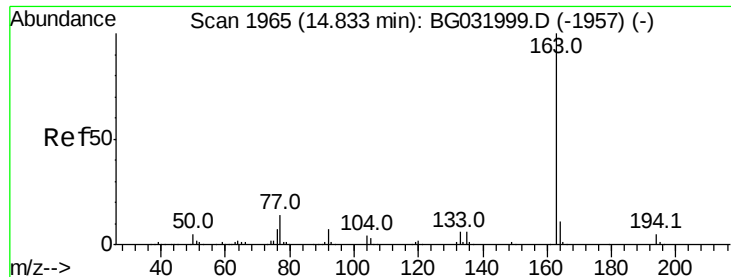
Tot Ion: 65 Resp: 101376
Ion Ratio Lower Upper
65 100
92 82.5 54.6 82.0#
138 141.7 72.9 109.3#



#48
Acenaphthylene
Concen: 42.874 ng
RT: 15.14 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion: 152 Resp: 742391
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 14.0 10.2 15.4

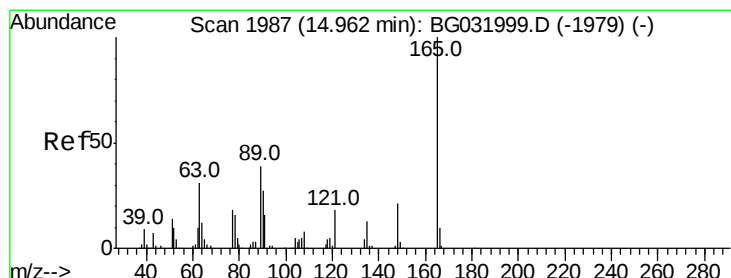
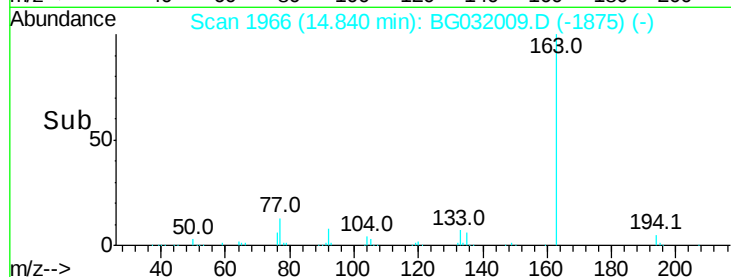
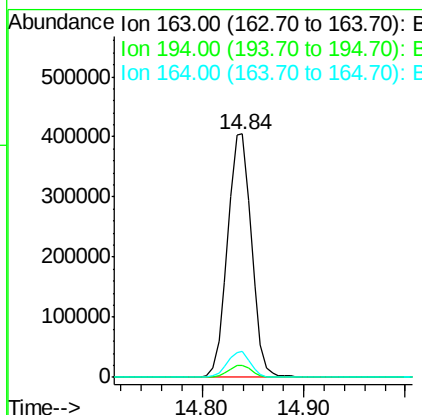
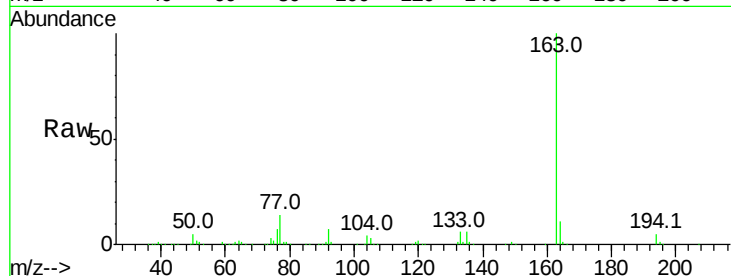




#49
Dimethylphthalate
Concen: 44.410 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

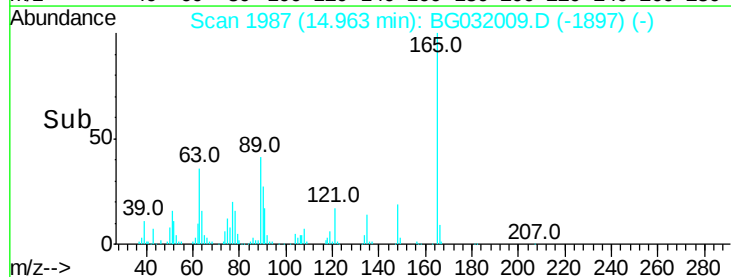
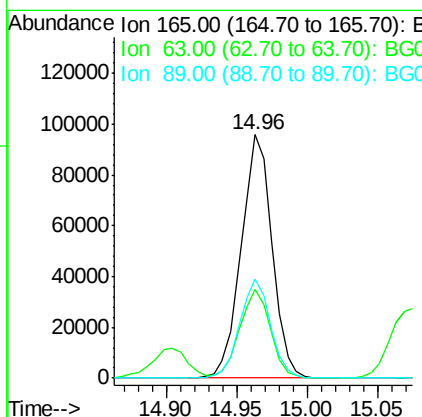
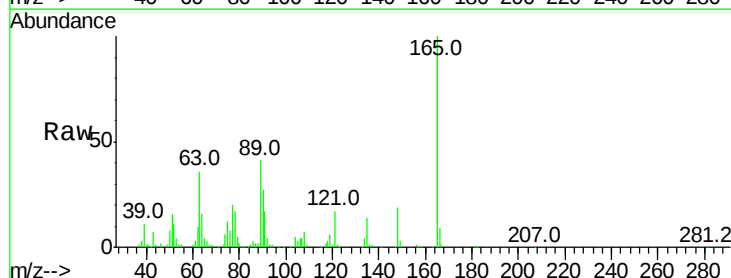
Instrument :
BNA_G
ClientSampled :

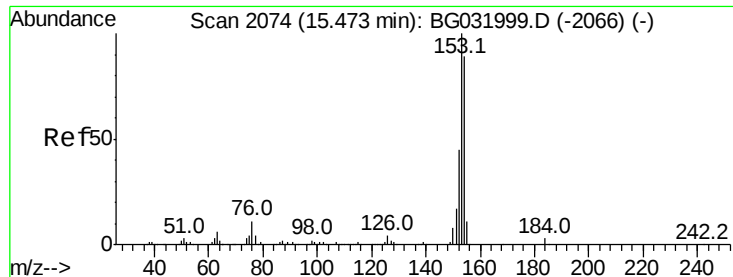
Tot Ion:163 Resp: 662618
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 10.6 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 47.325 ng
RT: 14.96 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:165 Resp: 146562
Ion Ratio Lower Upper
165 100
63 36.4 52.7 79.1#
89 40.5 49.2 73.8#





#51

Acenaphthene

Concen: 49.082 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

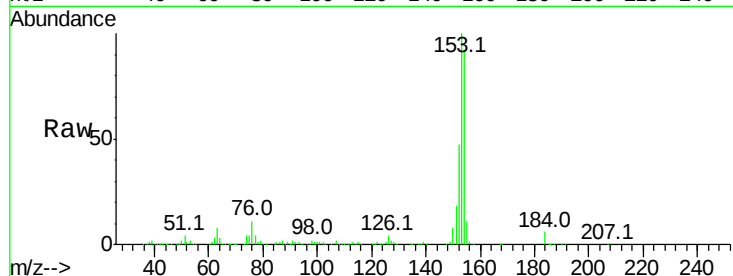
Tot Ion:154 Resp: 561976

Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.4	135.6
152	51.7	41.6	62.4

154 100

153 109.1 90.4 135.6

152 51.7 41.6 62.4

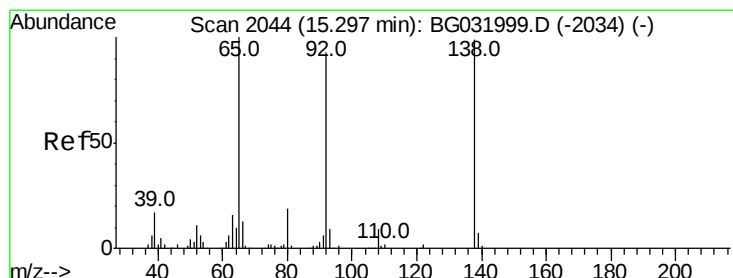
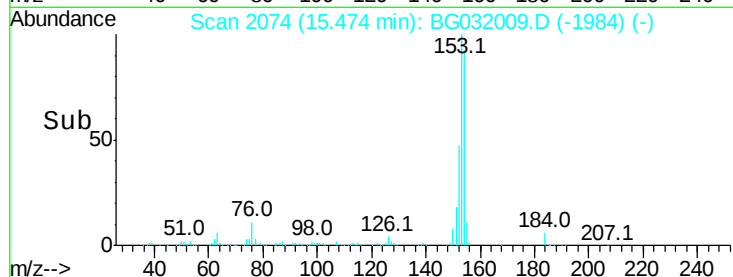
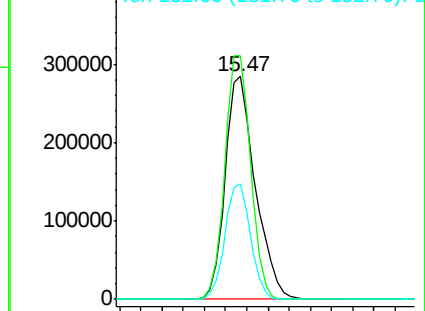


Abundance

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: 8.501 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

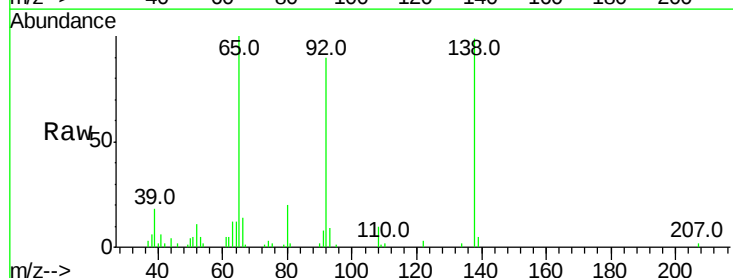
Tgt Ion:138 Resp: 23779

Ion	Ratio	Lower	Upper
138	100		
108	9.9	17.5	26.3#
92	91.1	105.8	158.8#

138 100

108 9.9 17.5 26.3#

92 91.1 105.8 158.8#

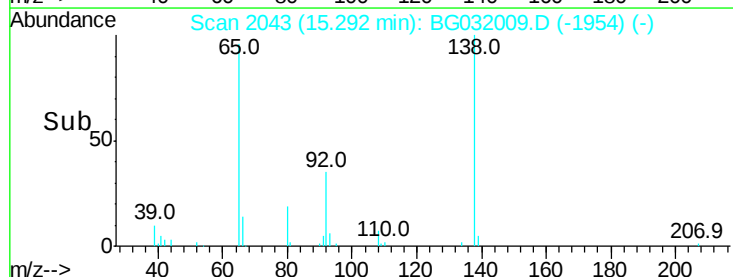
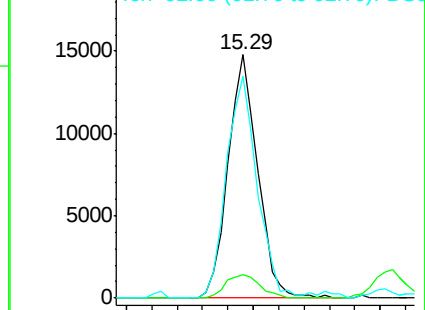


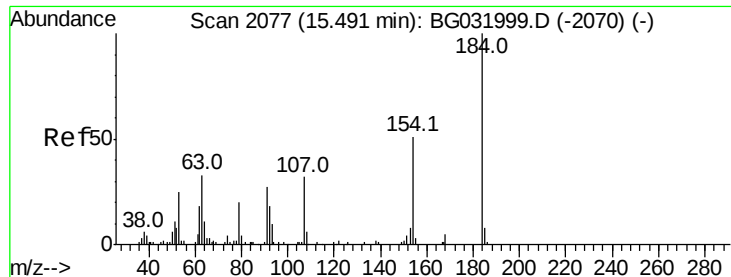
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

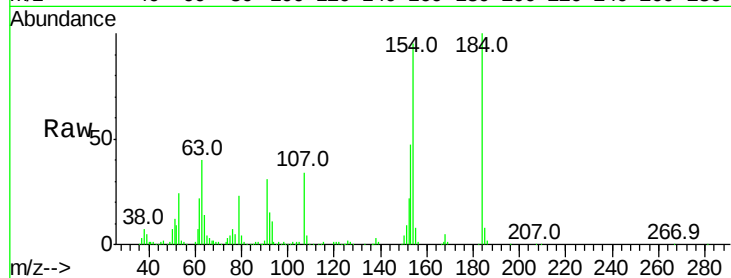




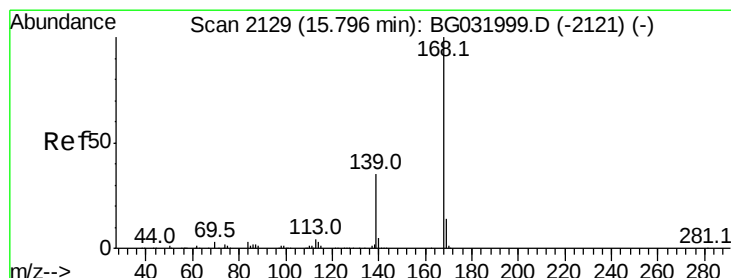
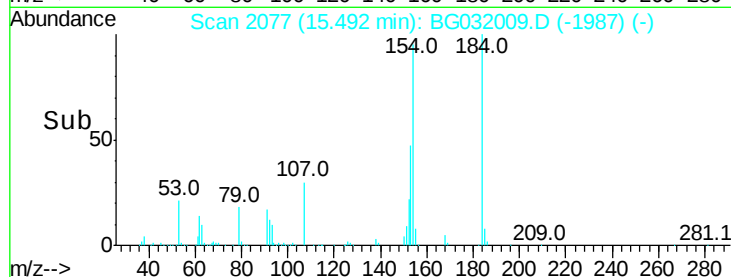
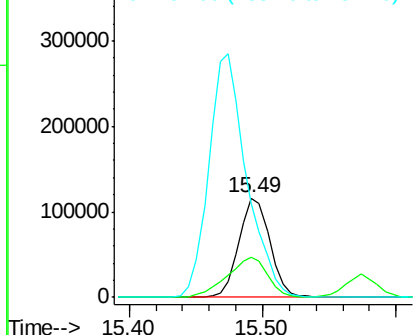
#53
2,4-Dinitrophenol
Concen: 117.318 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 187785
Ion Ratio Lower Upper
184 100
63 39.8 59.8 89.8#
154 94.8 101.8 152.8#

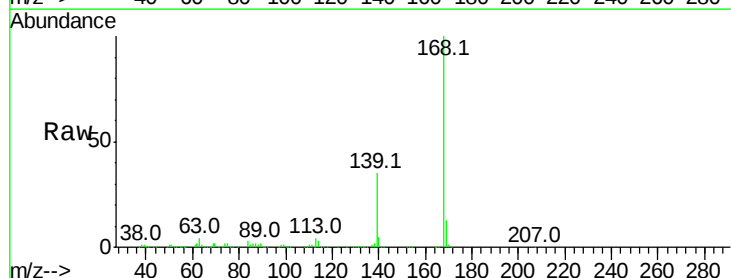


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

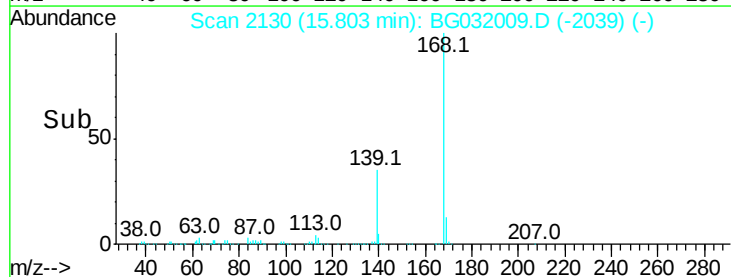
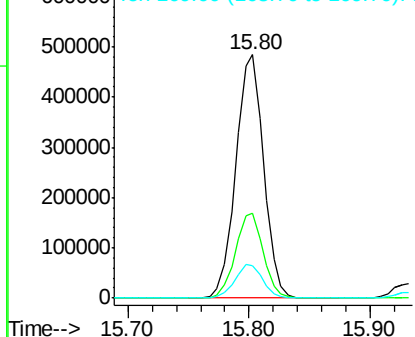


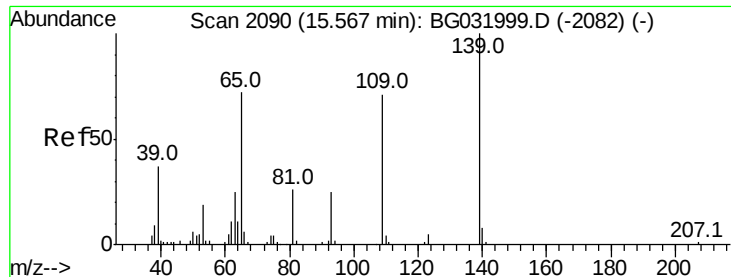
#54
Dibenzofuran
Concen: 45.427 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:168 Resp: 775902
Ion Ratio Lower Upper
168 100
139 34.8 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

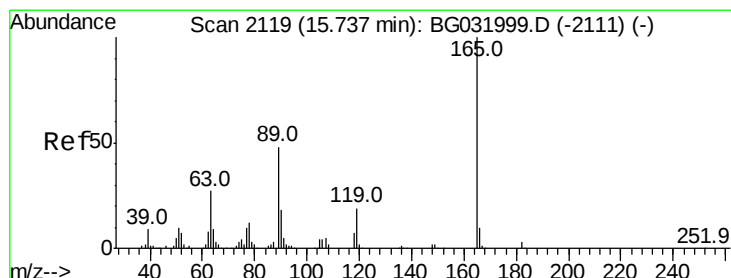
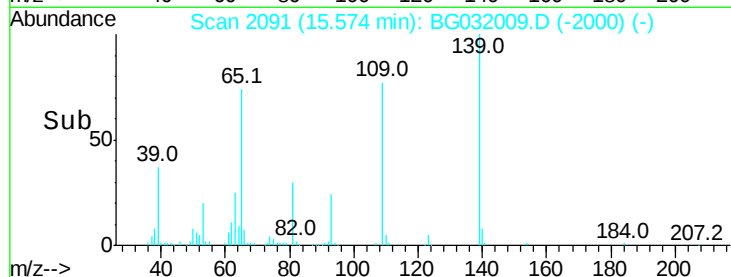
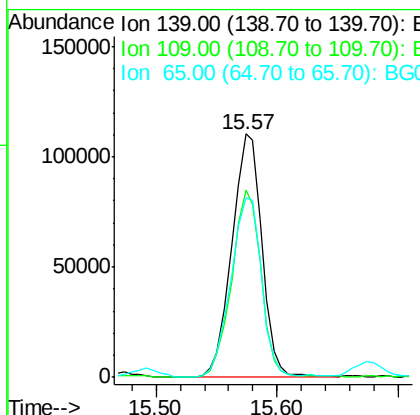
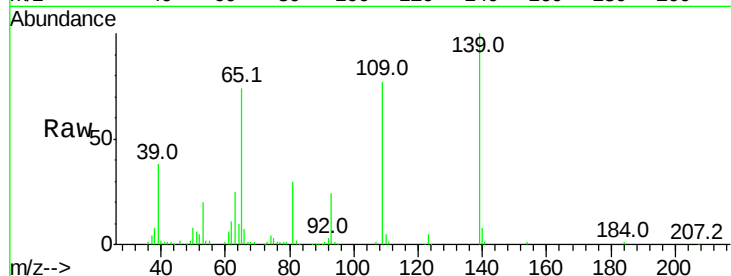




#55
4-Nitrophenol
Concen: 94.088 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

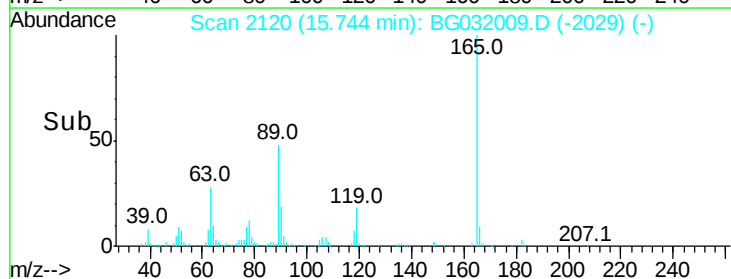
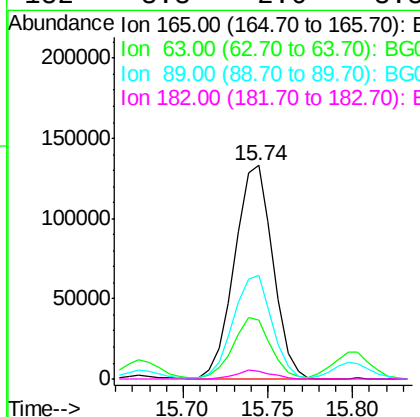
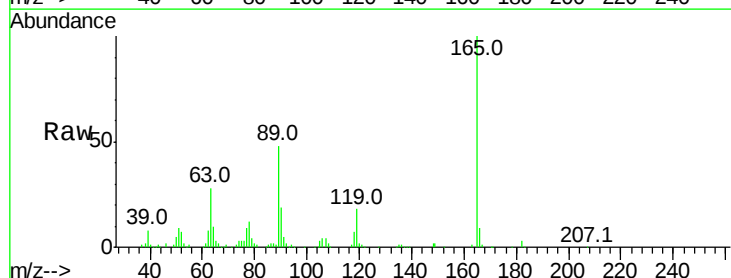
Instrument :
BNA_G
ClientSampled :

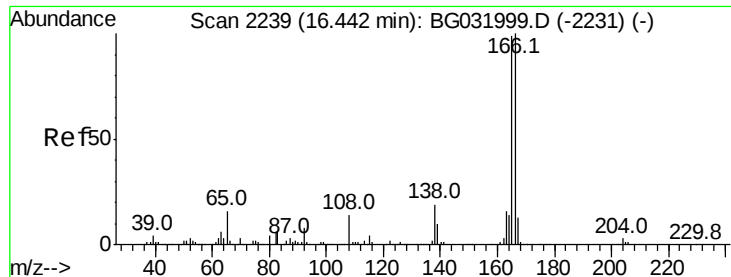
Tot Ion	Ratio	Lower	Upper
139	100		
109	76.7	62.2	102.2
65	73.9	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 50.110 ng
RT: 15.74 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.6	42.0	63.0#
89	48.5	66.9	100.3#
182	3.3	2.6	3.8





#57

Fluorene

Concen: 44.917 ng

RT: 16.44 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampled :

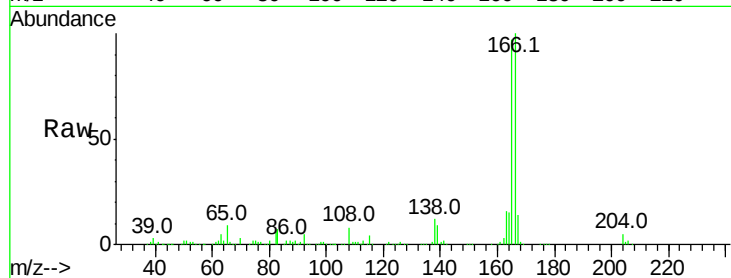
Tot Ion:166 Resp: 629214

Ion Ratio Lower Upper

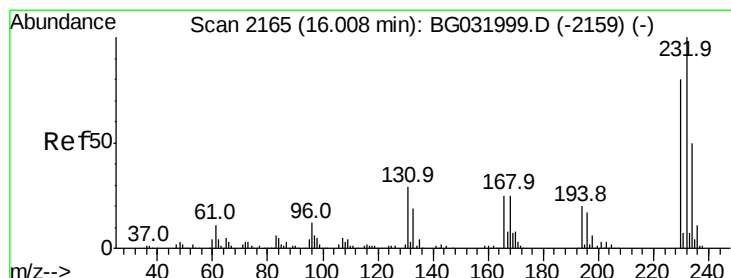
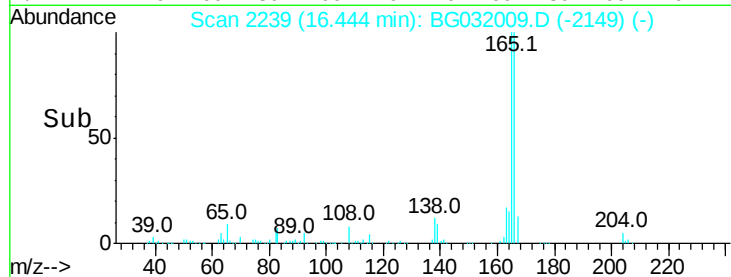
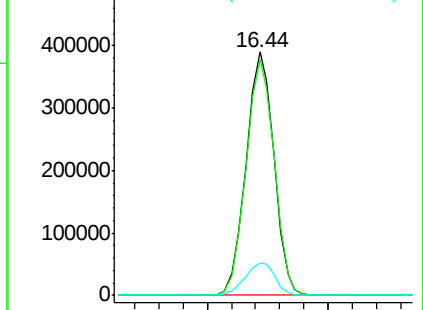
166 100

165 96.9 80.6 121.0

167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.482 ng

RT: 16.01 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:232 Resp: 230205

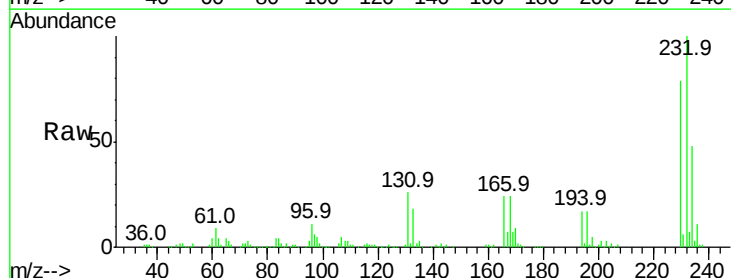
Ion Ratio Lower Upper

232 100

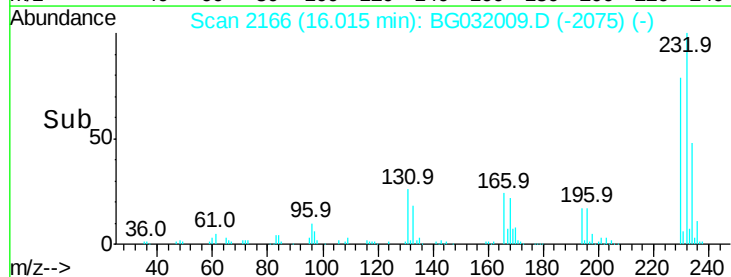
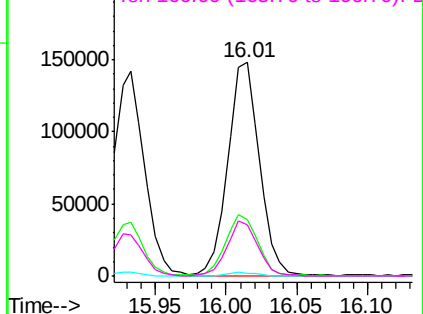
131 29.4 33.5 50.3#

130 1.8 2.2 3.2#

166 25.1 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

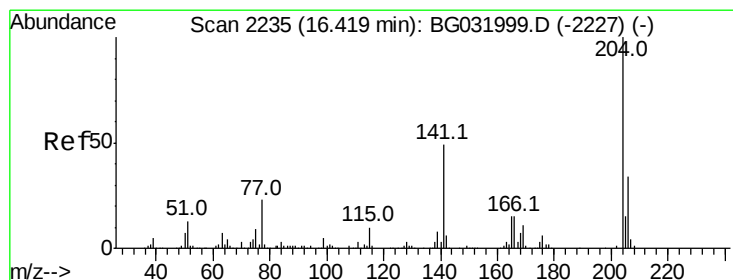
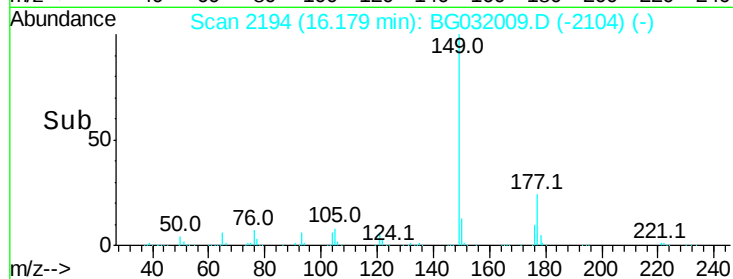
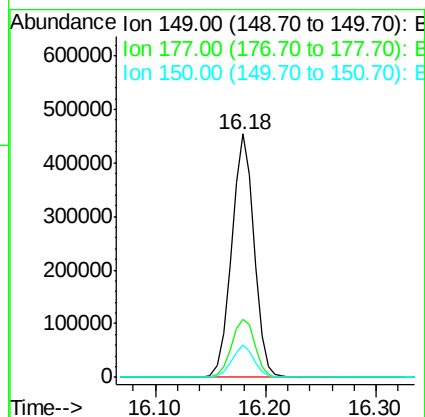
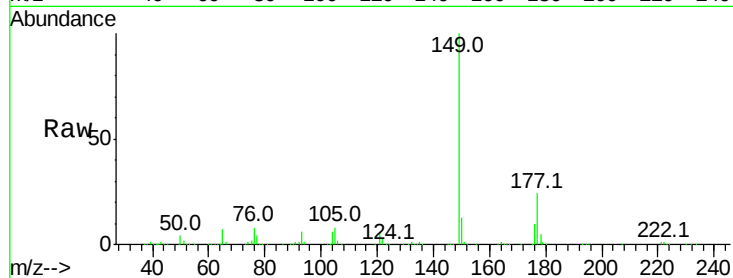




#59
Diethylphthalate
Concen: 44.562 ng
RT: 16.18 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

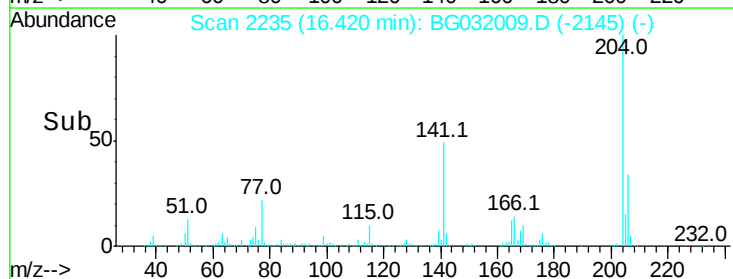
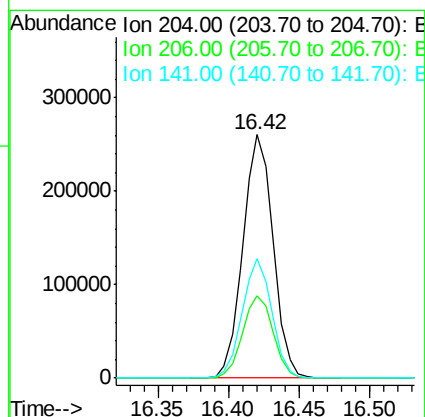
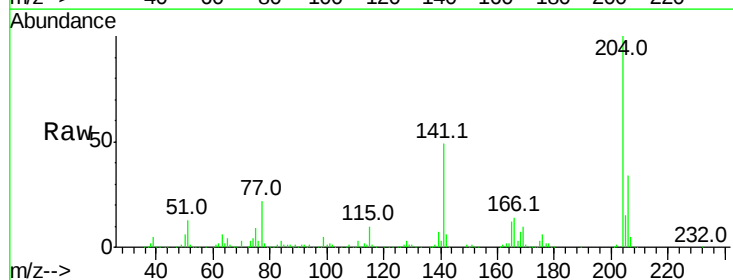
Instrument :
BNA_G
ClientSampled :

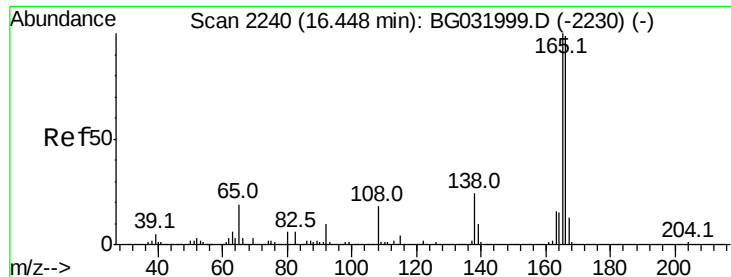
Tot Ion:149 Resp: 644570
Ion Ratio Lower Upper
149 100
177 23.9 18.5 27.7
150 13.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.279 ng
RT: 16.42 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:204 Resp: 389093
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 48.9 45.8 68.6

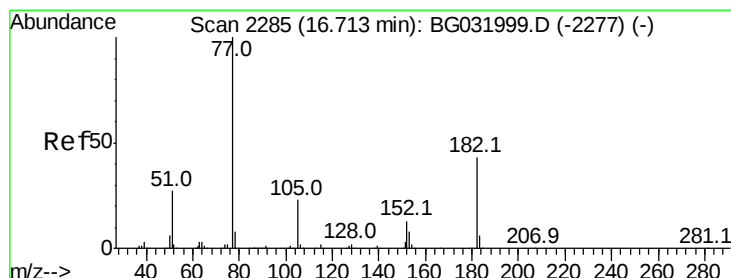
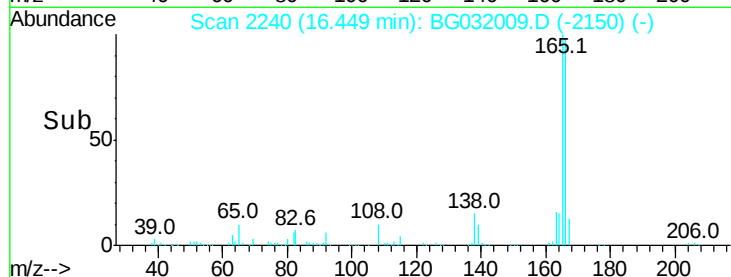
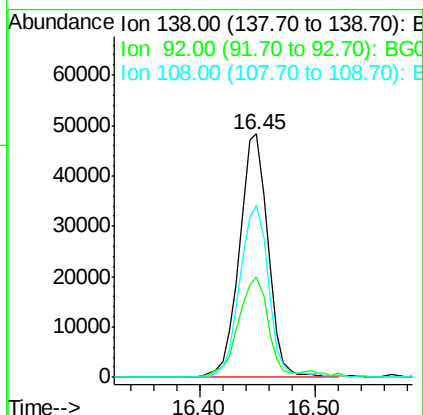
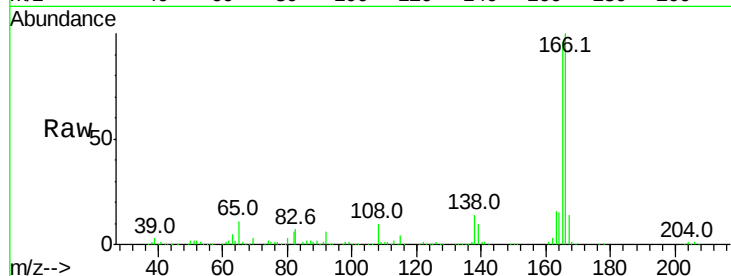




#61
4-Nitroaniline
Concen: 31.085 ng
RT: 16.45 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

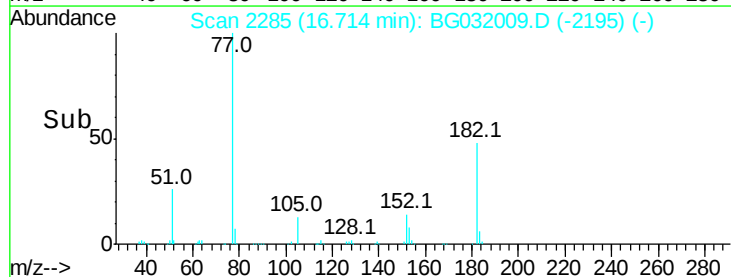
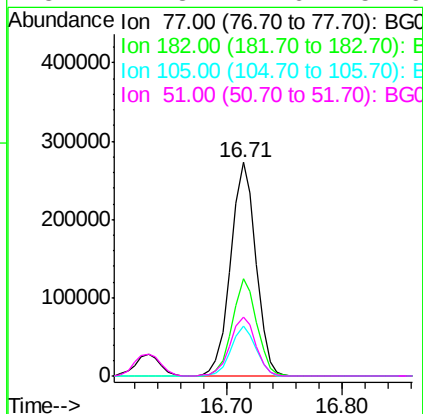
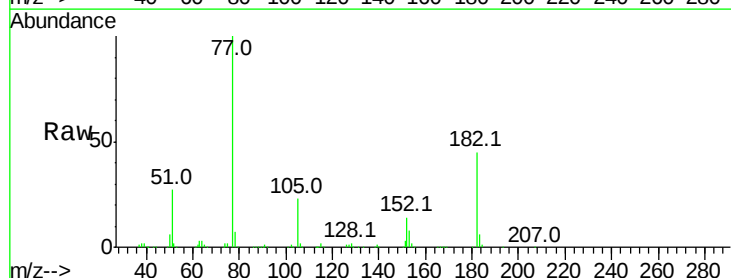
Instrument :
BNA_G
ClientSampleId :

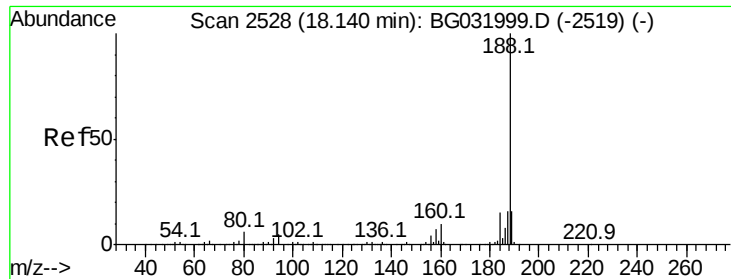
Tot Ion:138 Resp: 83406
Ion Ratio Lower Upper
138 100
92 41.3 40.1 80.1
108 70.8 65.4 105.4



#62
Azobenzene
Concen: 45.599 ng
RT: 16.71 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion: 77 Resp: 412827
Ion Ratio Lower Upper
77 100
182 45.4 7.4 47.4
105 23.3 0.3 40.3
51 27.3 11.6 51.6

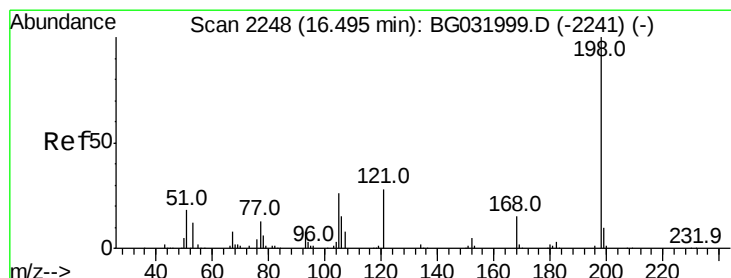
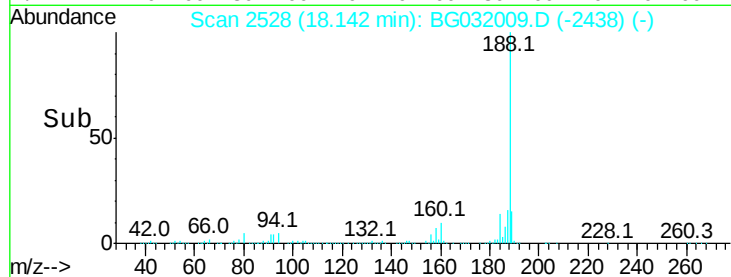
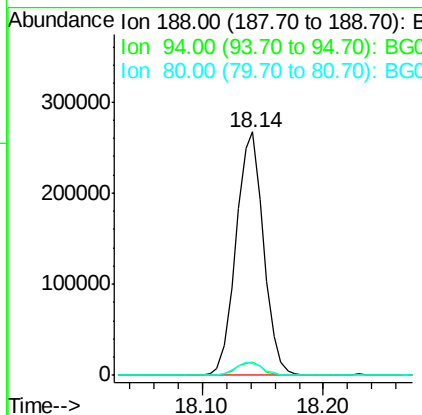
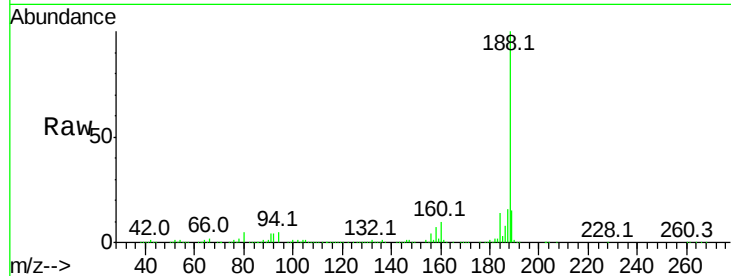




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

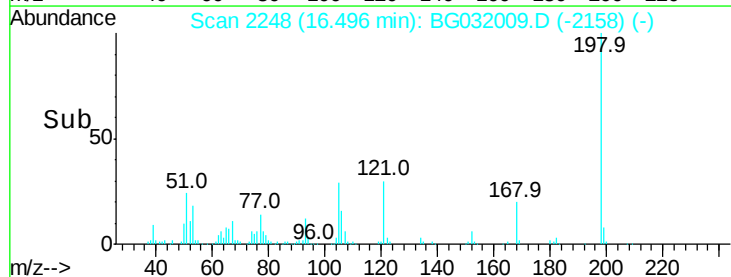
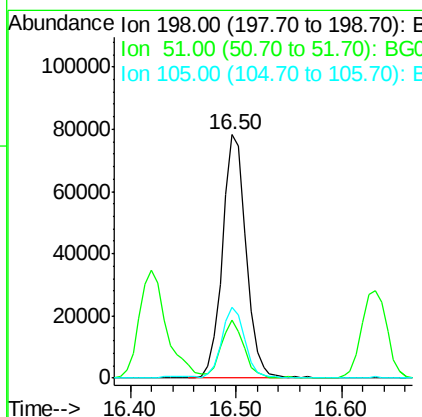
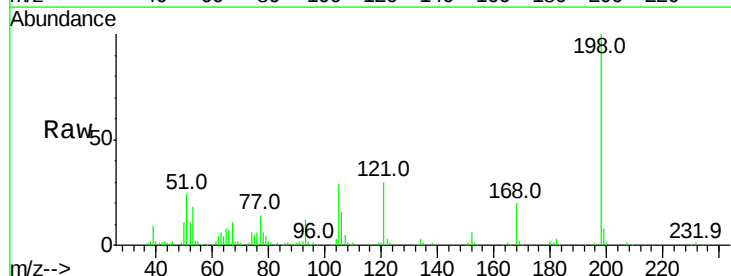
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 422901
 Ion Ratio Lower Upper
 188 100
 94 5.2 6.9 10.3#
 80 4.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.251 ng
 RT: 16.50 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion:198 Resp: 121645
 Ion Ratio Lower Upper
 198 100
 51 23.7 30.6 70.6#
 105 29.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 43.911 ng

RT: 16.63 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

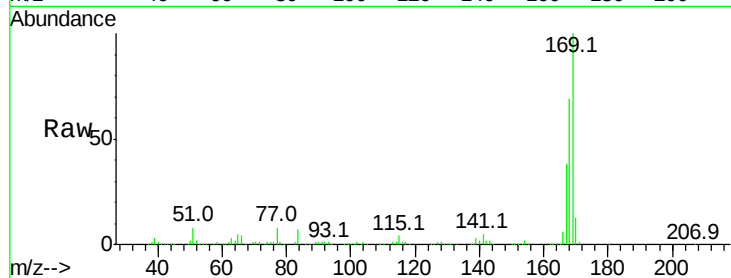
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 563490

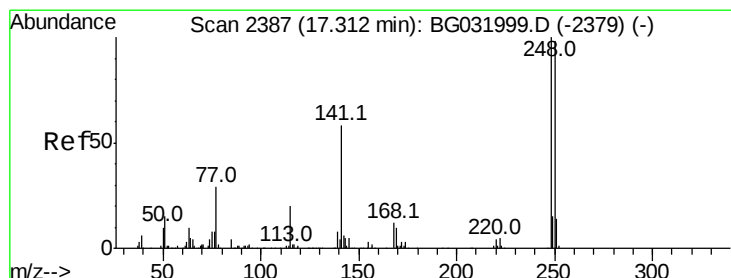
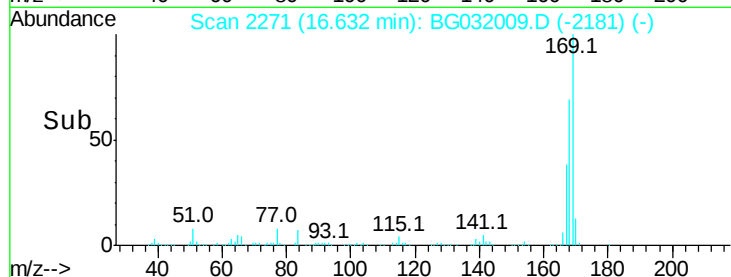
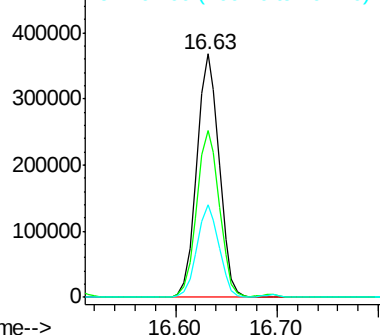
Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.7	83.5
167	37.8	30.1	45.1



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: 46.437 ng

RT: 17.31 min Scan# 2387

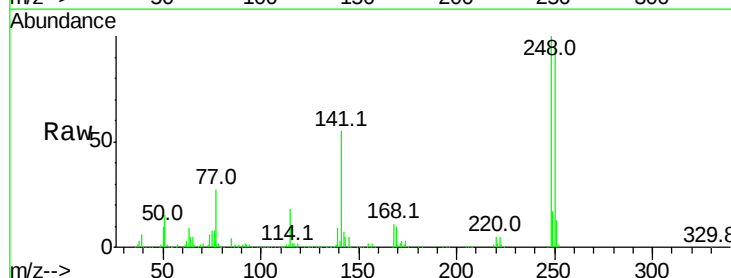
Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Tgt Ion:248 Resp: 279417

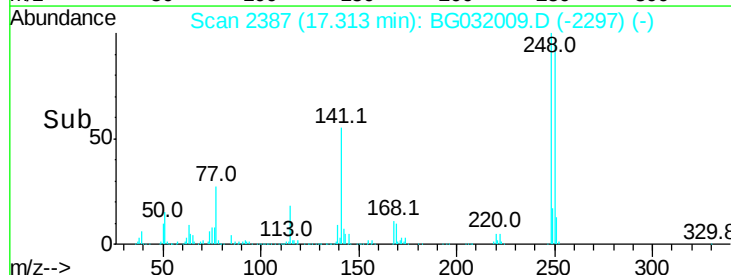
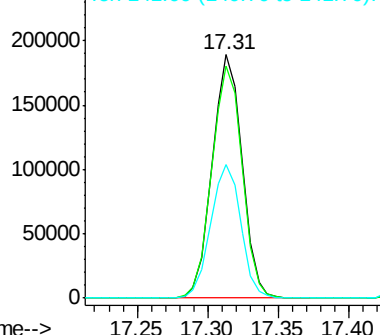
Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.1	115.7
141	55.1	50.8	76.2

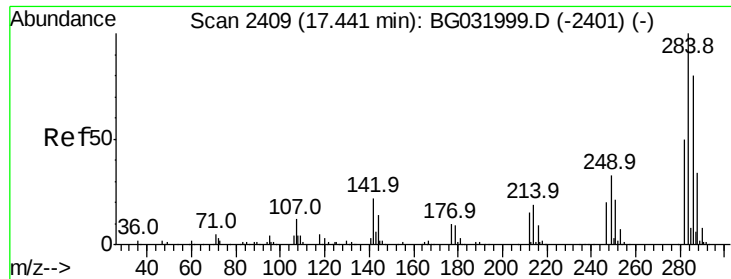


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.989 ng

RT: 17.44 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

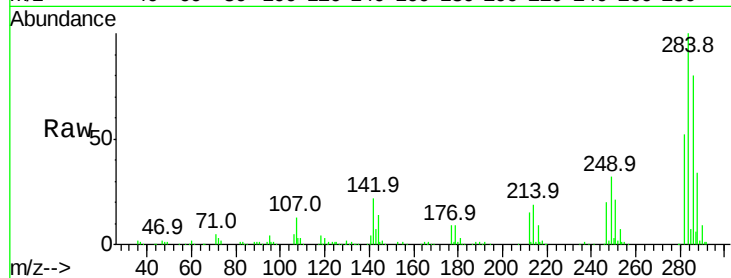
Tot Ion:284 Resp: 286177

Ion Ratio Lower Upper

284 100

142 22.2 26.8 40.2#

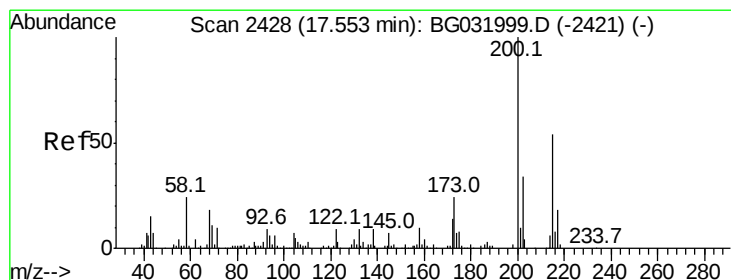
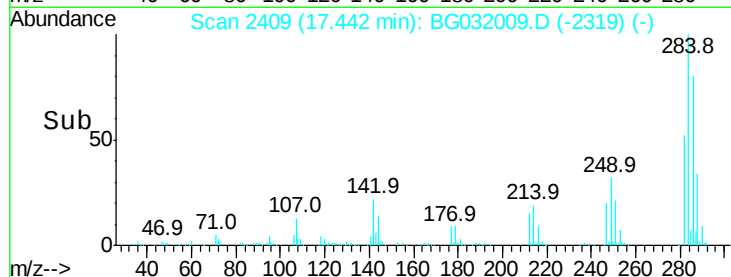
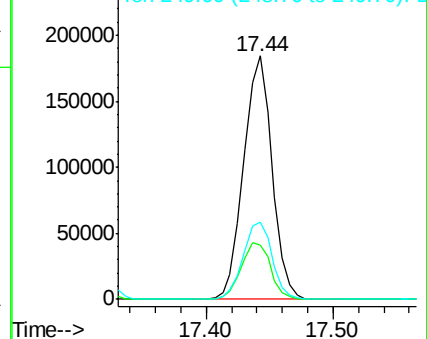
249 31.8 26.3 39.5



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: 29.671 ng

RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

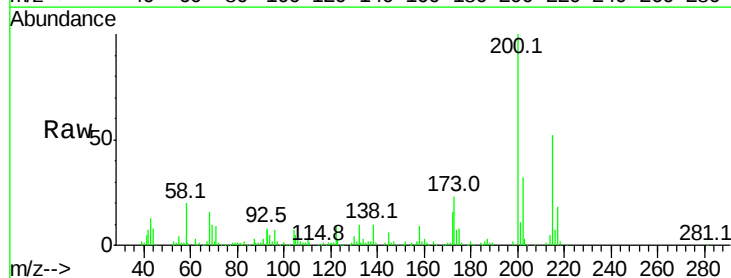
Tgt Ion:200 Resp: 160123

Ion Ratio Lower Upper

200 100

173 23.1 5.2 45.2

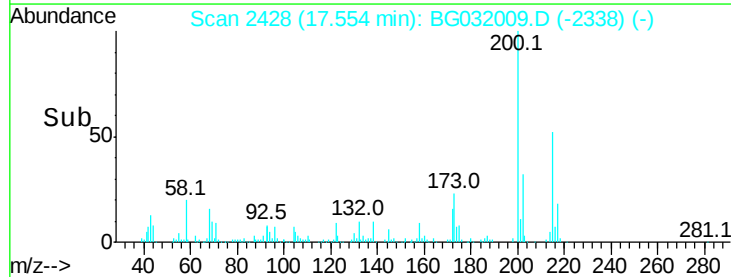
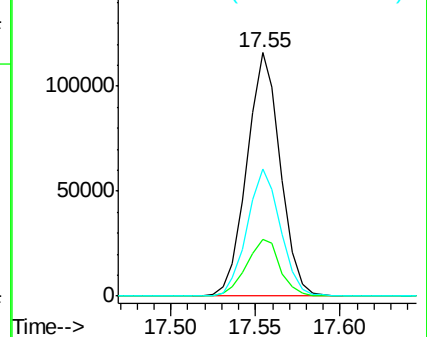
215 52.3 30.4 70.4

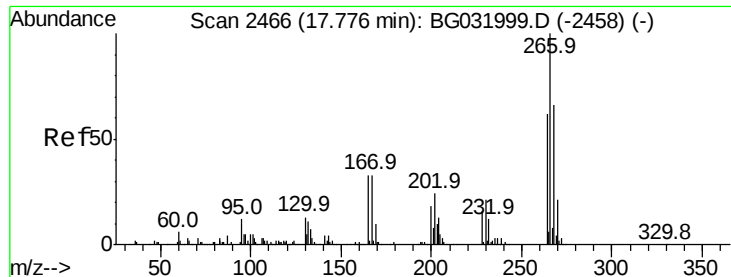


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

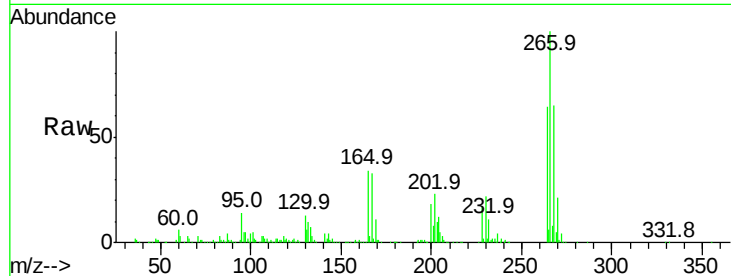




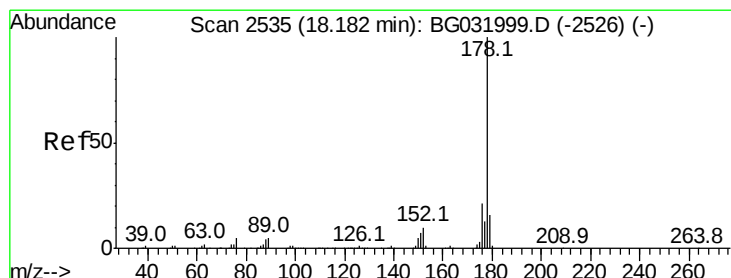
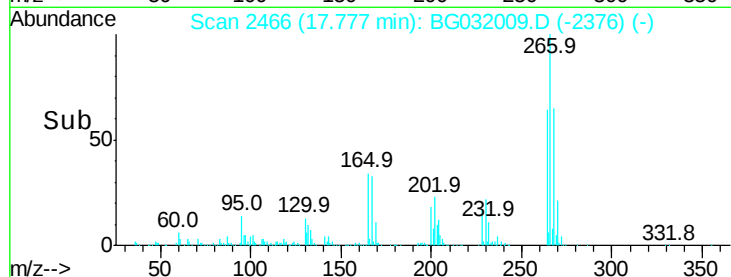
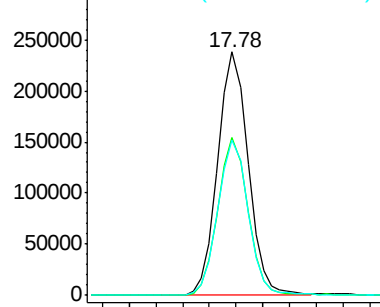
#69
 Pentachlorophenol
 Concen: 88.282 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 375644
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 63.6 49.6 74.4

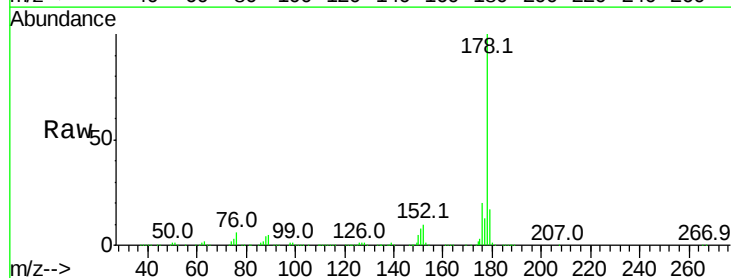


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

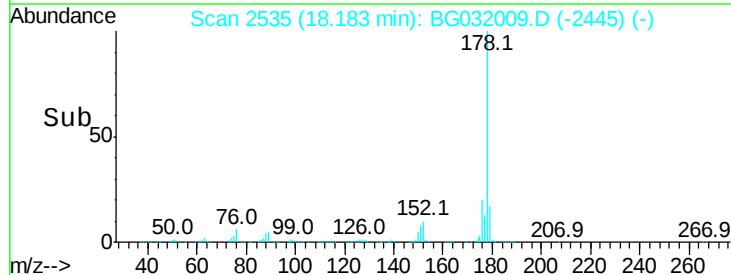
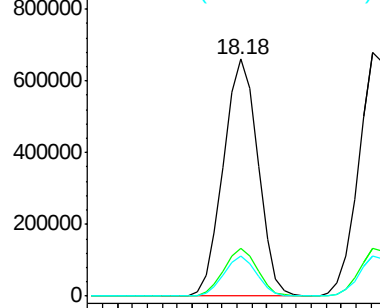


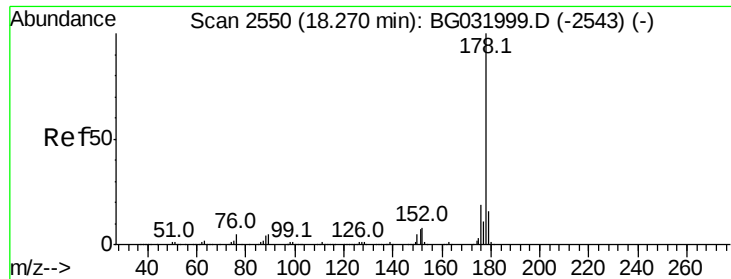
#70
 Phenanthrene
 Concen: 44.986 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion:178 Resp: 1059213
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.7 23.5
 179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



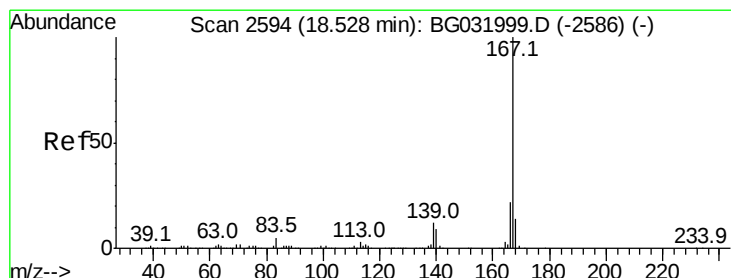
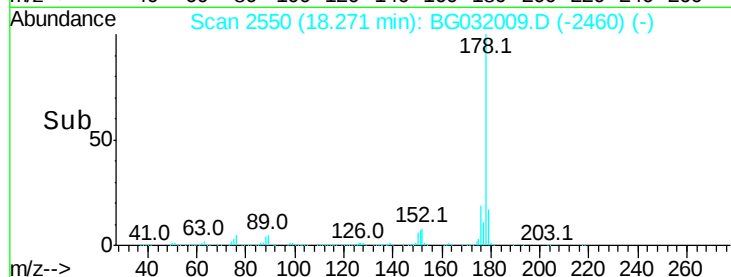
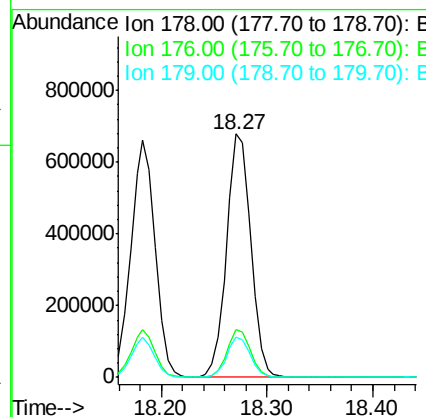
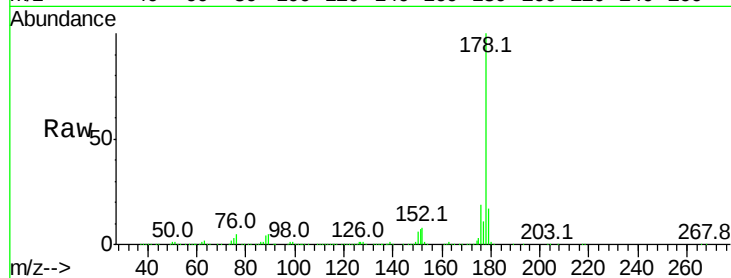


#71
 Anthracene
 Concen: 45.974 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1079649

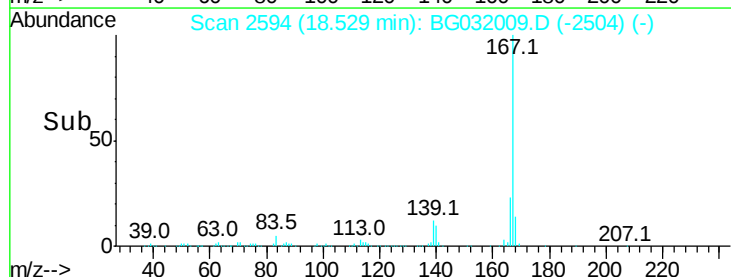
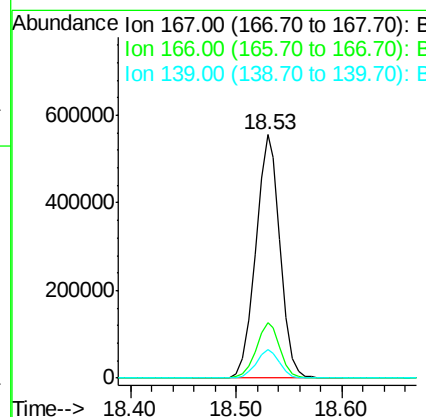
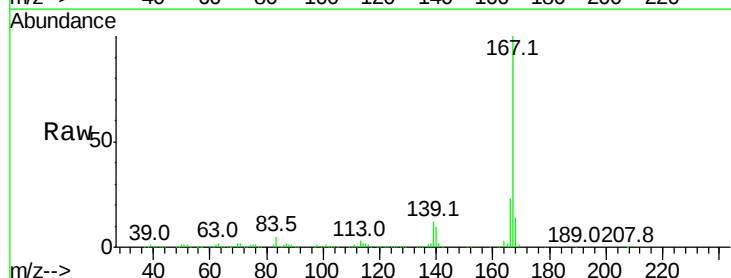
Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.5	12.5	18.7

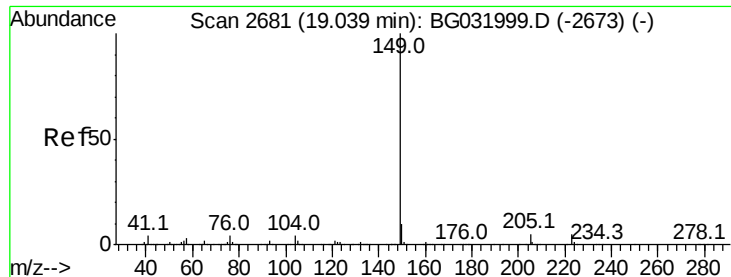


#72
 Carbazole
 Concen: 43.613 ng
 RT: 18.53 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion:167 Resp: 888475

Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	11.8	9.4	14.2

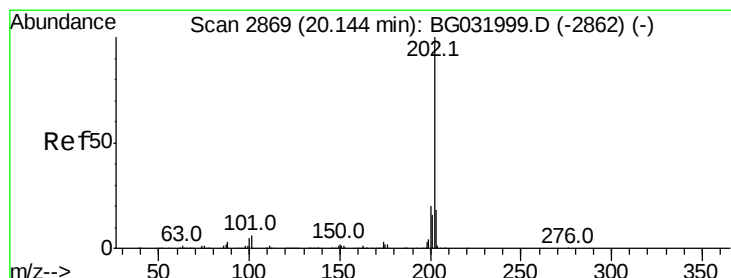
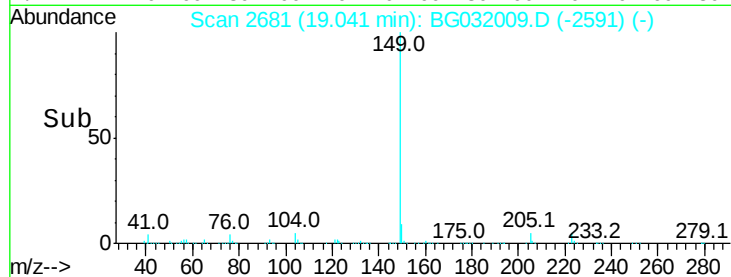
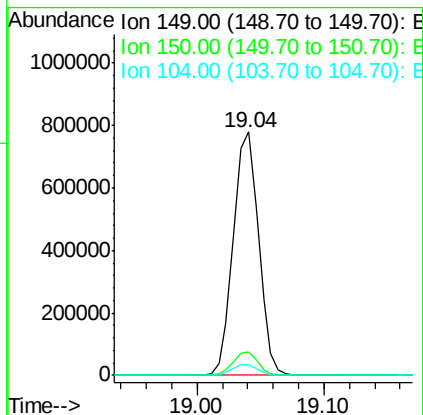
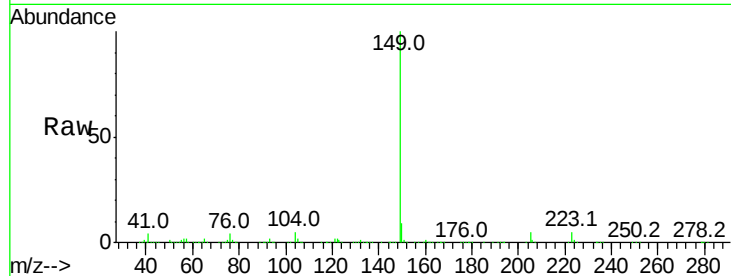




#73
Di-n-butylphthalate
Concen: 44.527 ng
RT: 19.04 min Scan# 2681
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

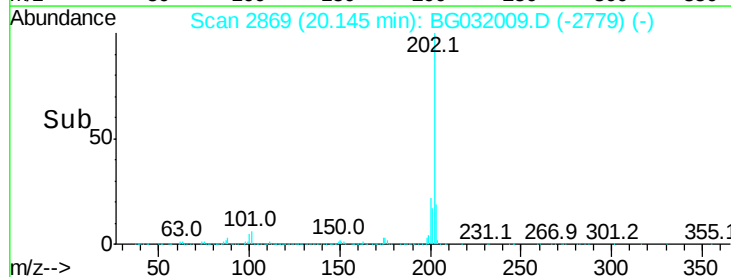
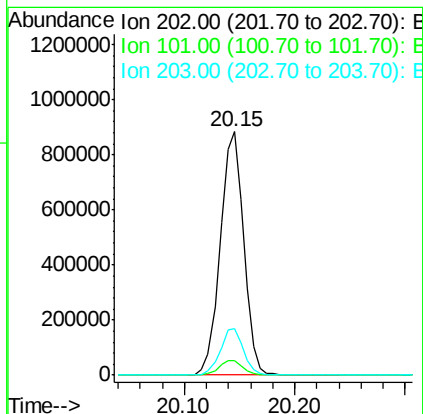
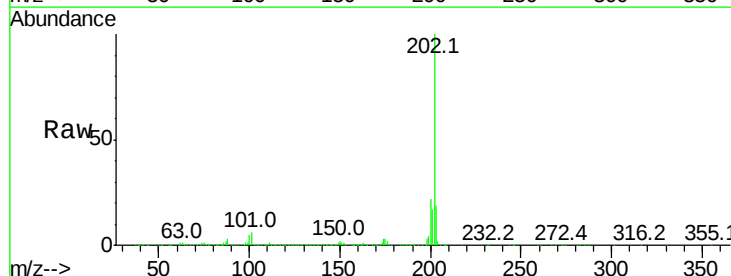
Instrument :
BNA_G
ClientSampleId :

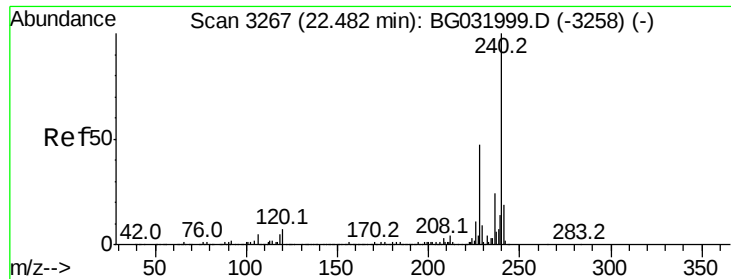
Tot Ion:149 Resp: 1071879
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.5 3.9 5.9



#74
Fluoranthene
Concen: 44.162 ng
RT: 20.15 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:202 Resp: 1301891
Ion Ratio Lower Upper
202 100
101 5.9 0.0 28.9
203 19.3 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: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

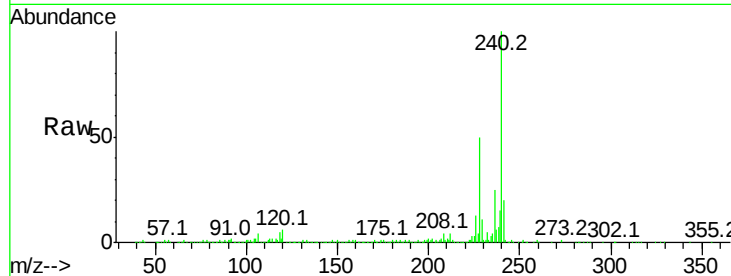
Tot Ion:240 Resp: 467970

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

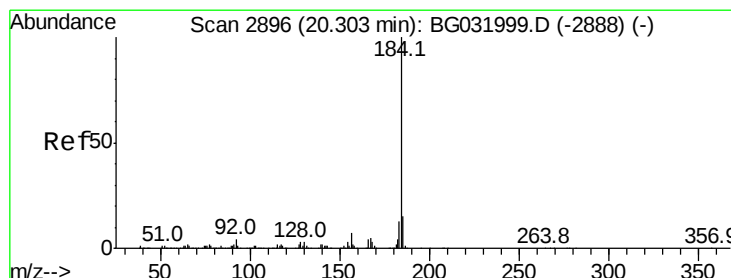
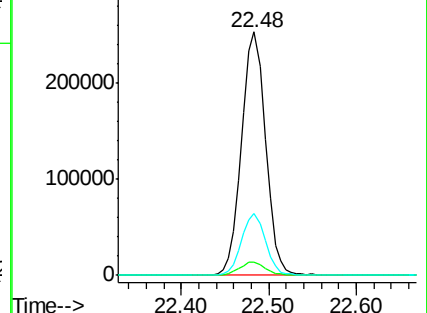
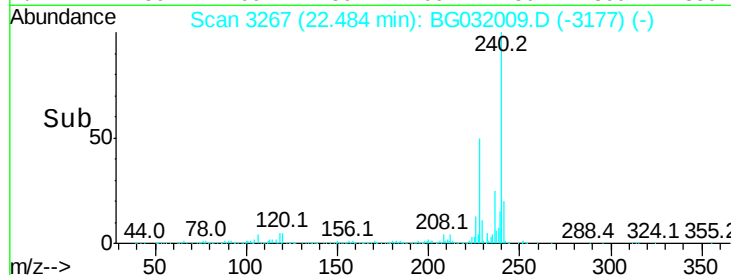
236 25.2 20.9 31.3



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: 2.284 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.37 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

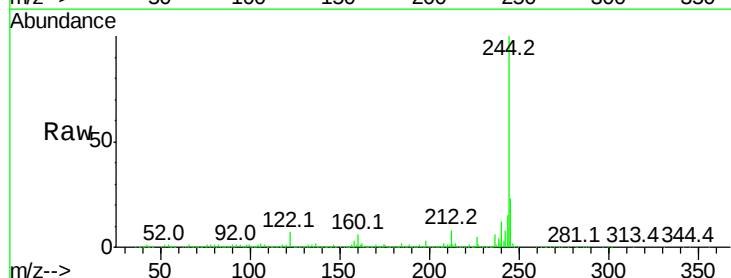
Tgt Ion:184 Resp: 26729

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

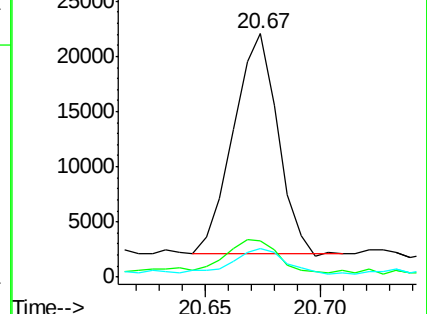
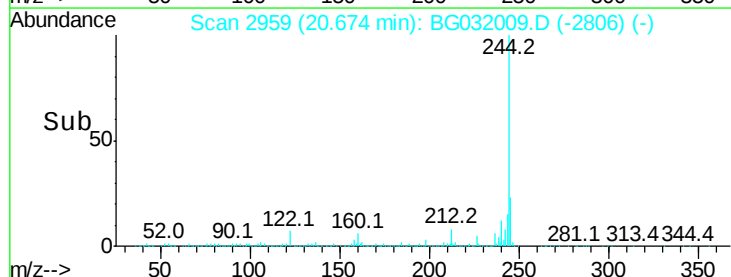
183 11.8 10.6 16.0

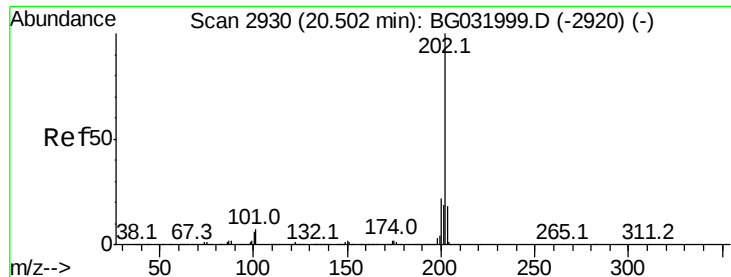


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.727 ng

RT: 20.50 min Scan# 2930

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

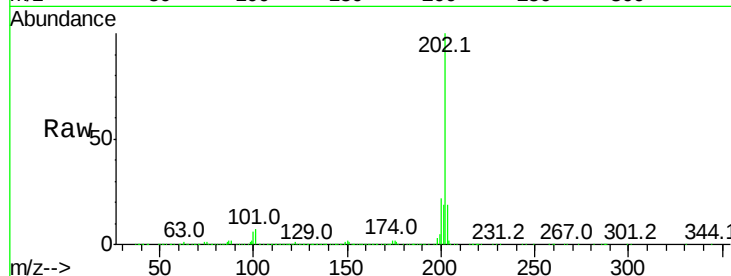
Tot Ion:202 Resp: 1315792

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.5	13.9	20.9

202 100

200 22.3 16.9 25.3

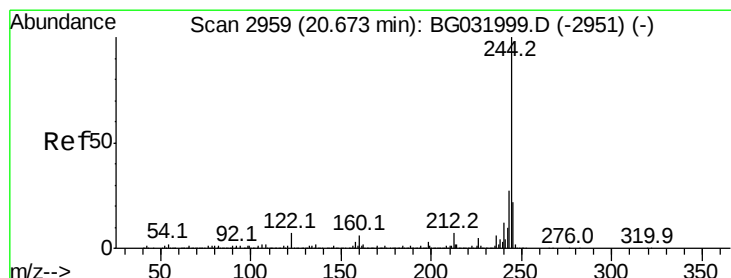
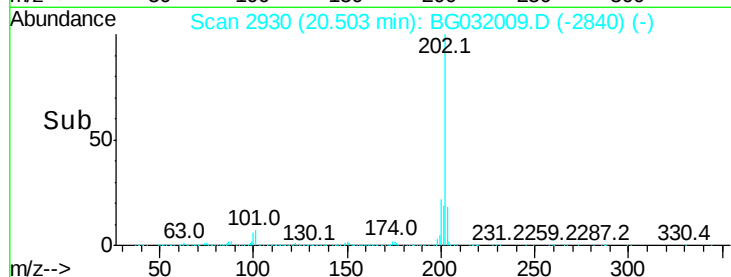
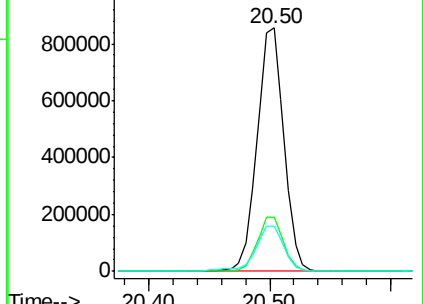
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.571 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

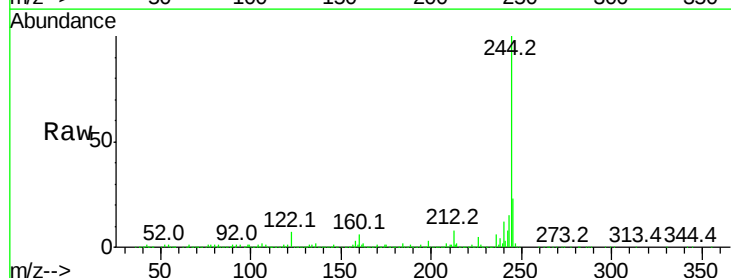
Tgt Ion:244 Resp: 1983123

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	7.2	7.0	10.4

244 100

212 8.1 5.8 8.8

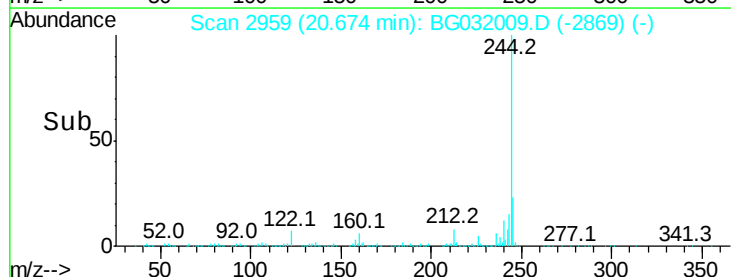
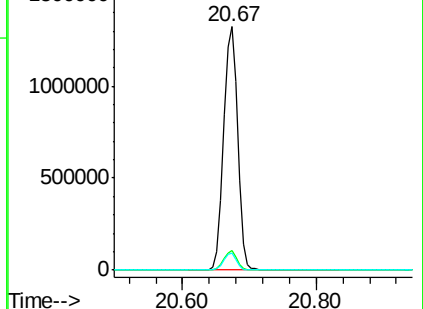
122 7.2 7.0 10.4

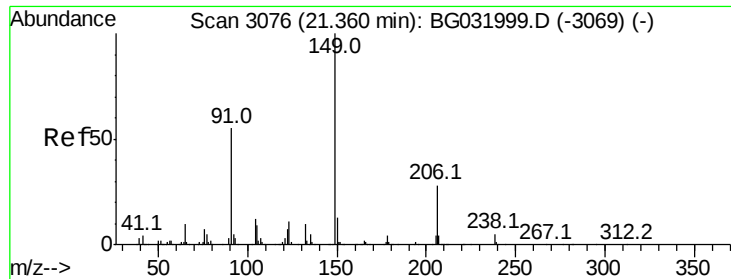


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

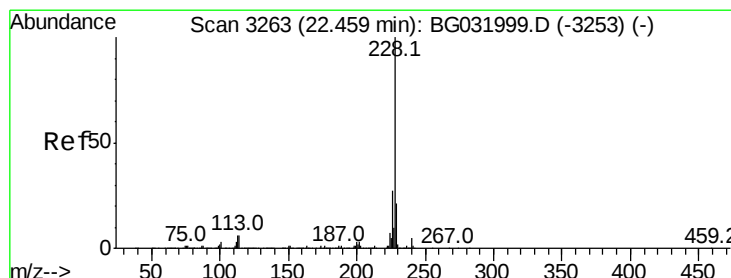
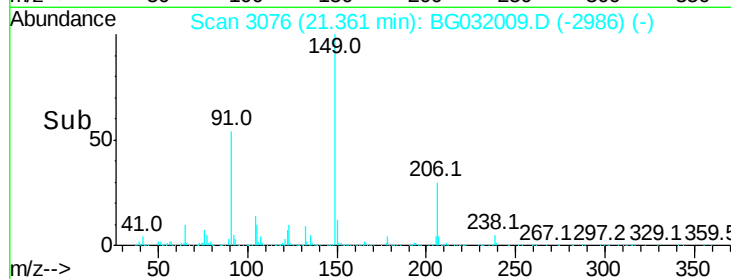
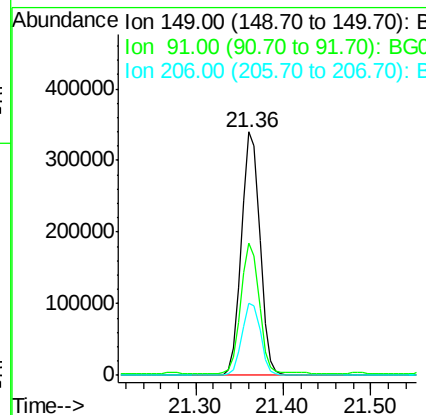
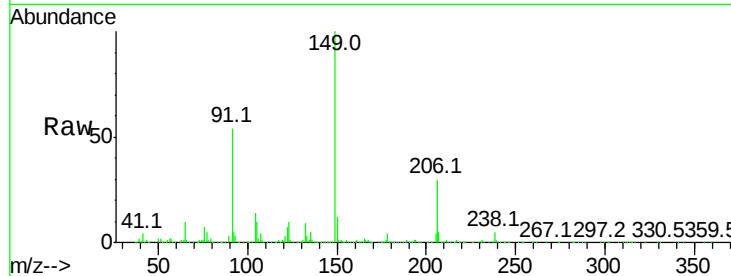




#79
Butylbenzylphthalate
Concen: 45.727 ng
RT: 21.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

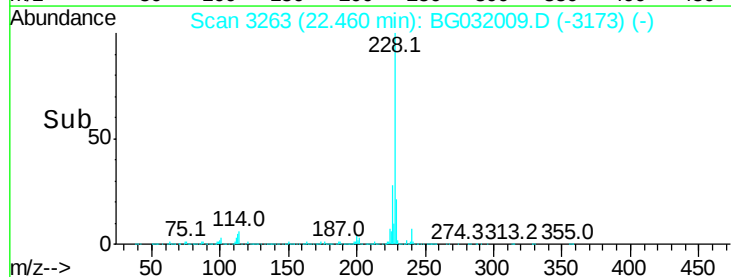
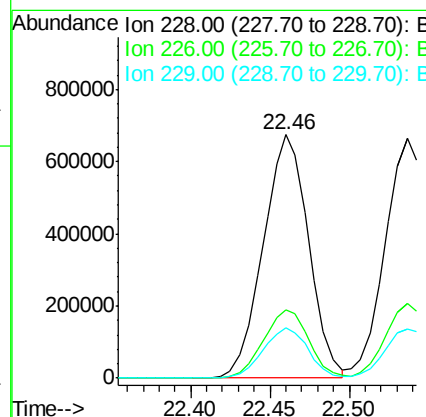
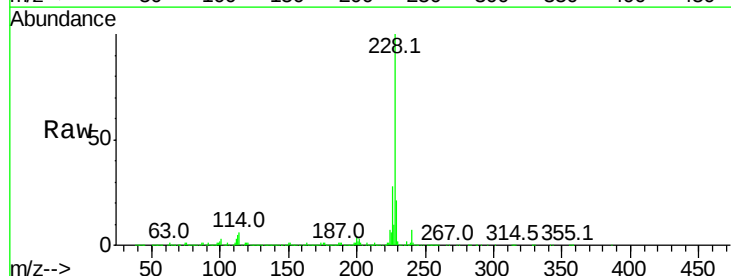
Instrument :
BNA_G
ClientSampled :

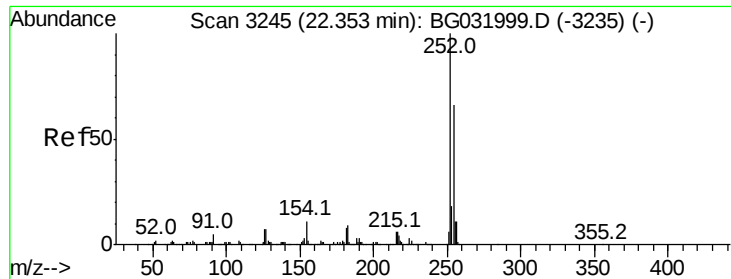
Tot Ion:149 Resp: 481970
Ion Ratio Lower Upper
149 100
91 54.5 62.2 93.2#
206 29.8 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 45.921 ng
RT: 22.46 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:228 Resp: 1336465
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 20.9 16.2 24.2

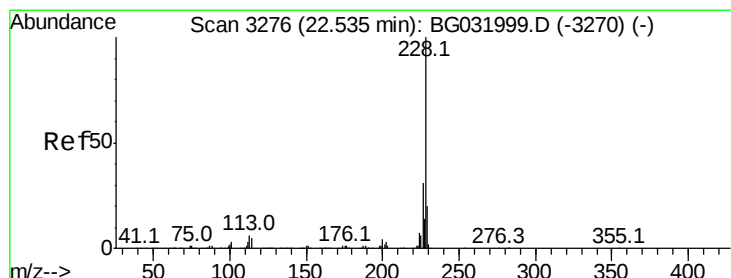
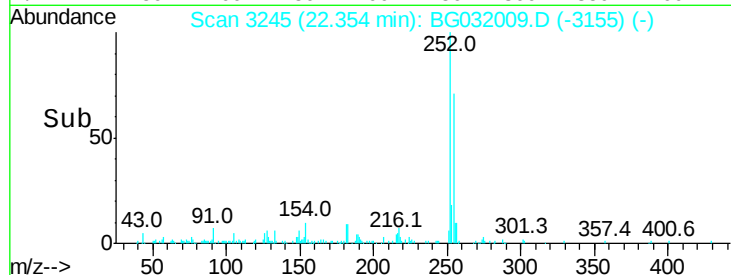
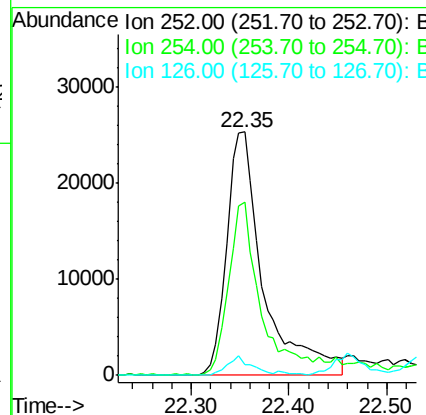
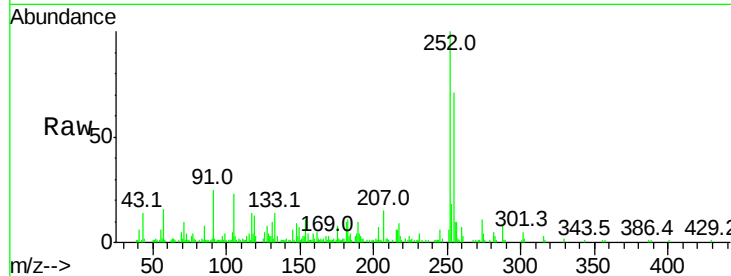




#81
 3,3'-Dichlorobenzidine
 Concen: 6.094 ng
 RT: 22.35 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

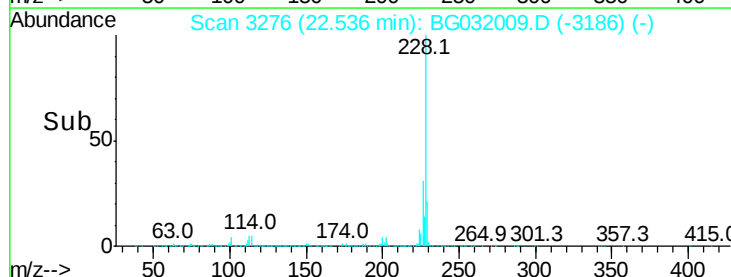
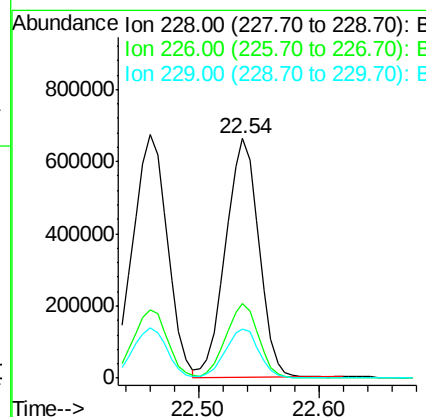
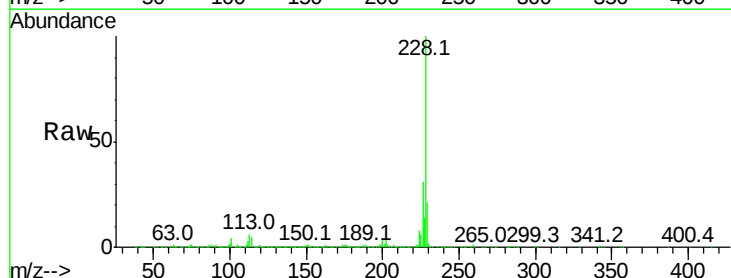
Instrument :
 BNA_G
 ClientSampleId :

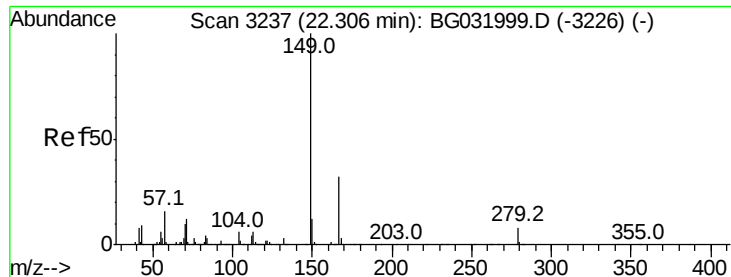
Tot Ion	Ratio	Lower	Upper
252	100		
254	70.9	50.8	76.2
126	4.6	7.4	11.2#



#82
 Chrysene
 Concen: 45.191 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.134 ng

RT: 22.30 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

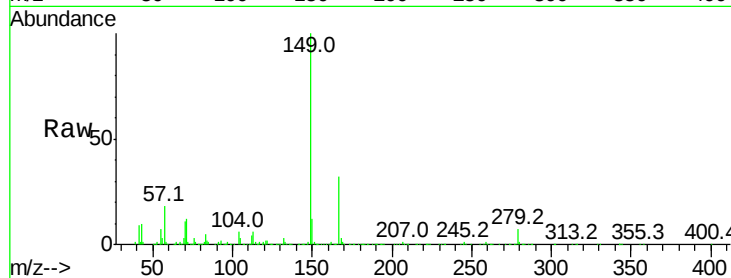
Tot Ion:149 Resp: 682157

Ion Ratio Lower Upper

149 100

167 32.4 24.3 36.5

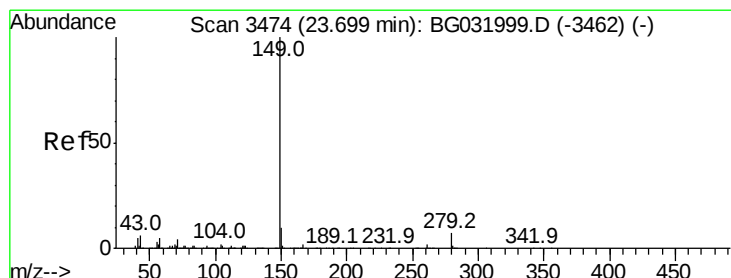
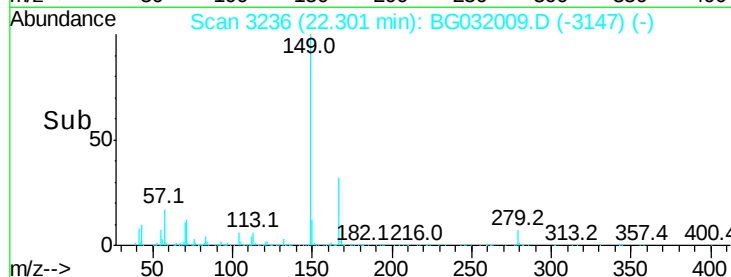
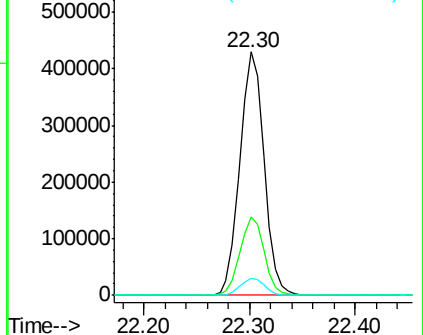
279 7.1 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.238 ng

RT: 23.69 min Scan# 3473

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

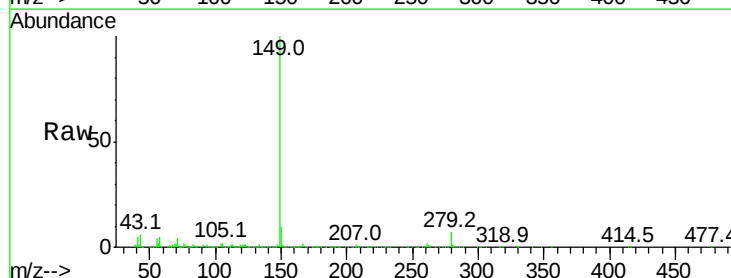
Tgt Ion:149 Resp: 1184159

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

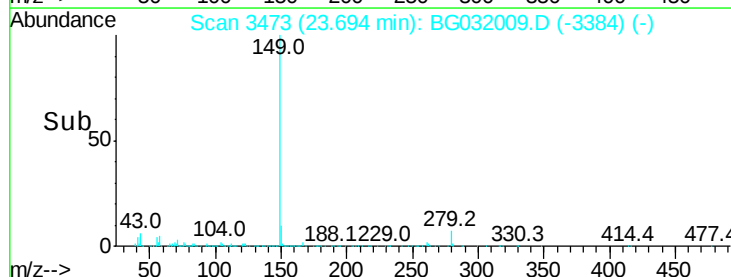
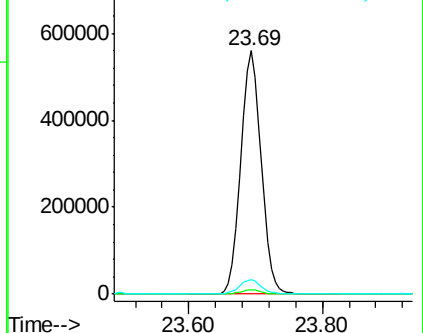
43 5.9 8.9 13.3#

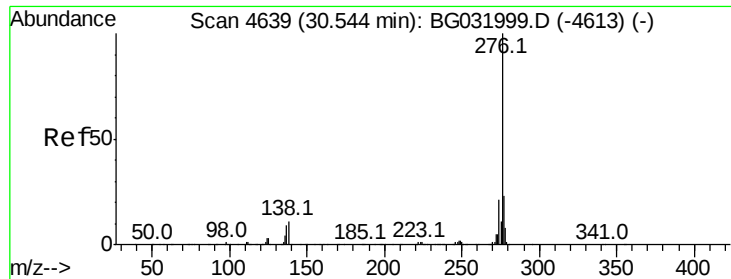


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

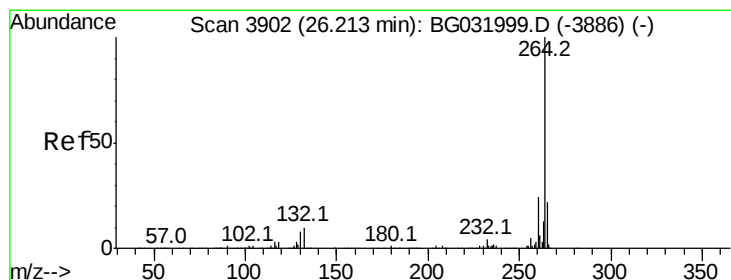
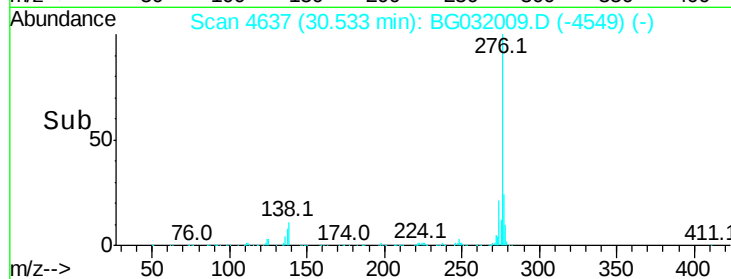
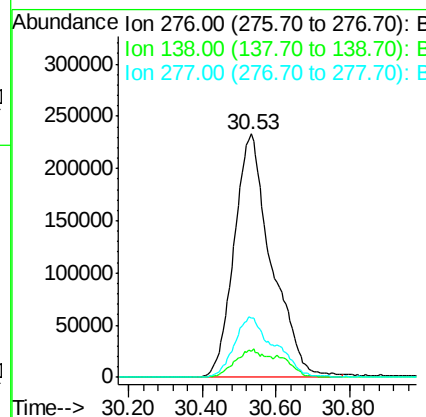
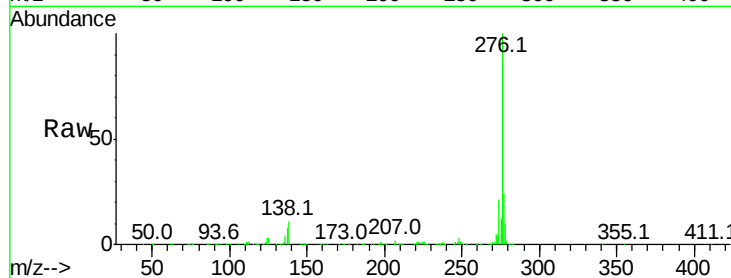




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.880 ng
RT: 30.53 min Scan# 4637
Delta R.T. -0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

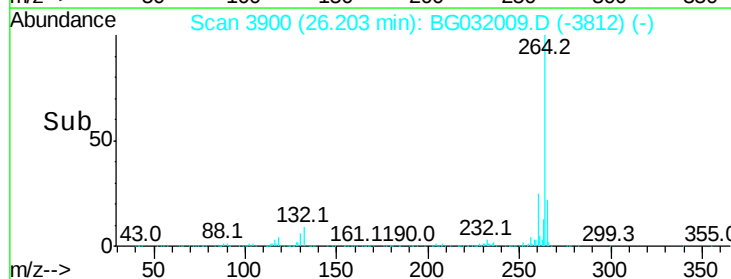
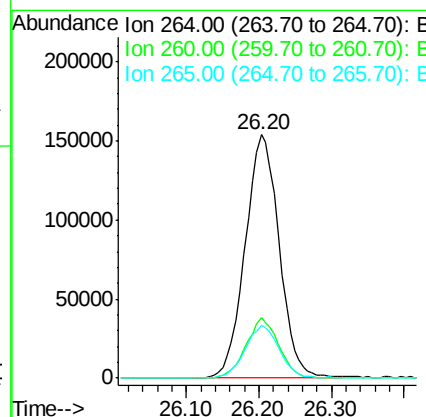
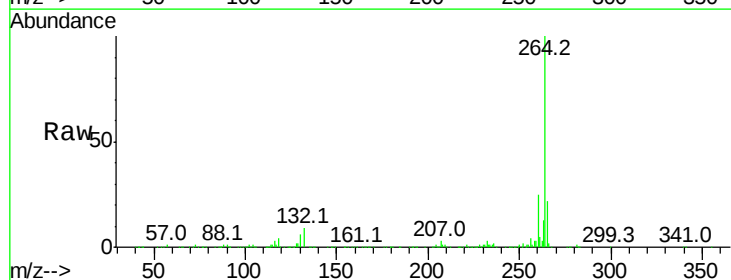
Instrument :
BNA_G
ClientSampleId :

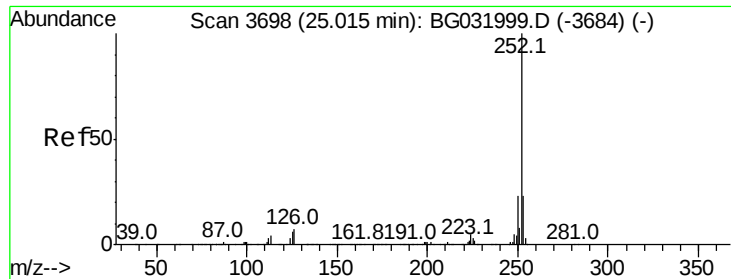
Tot Ion:276 Resp: 1637735
Ion Ratio Lower Upper
276 100
138 10.0 16.0 24.0#
277 26.6 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.20 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BG032009.D
Acq: 12 Jan 2018 19:23

Tgt Ion:264 Resp: 502186
Ion Ratio Lower Upper
264 100
260 24.9 17.4 26.0
265 21.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 47.851 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

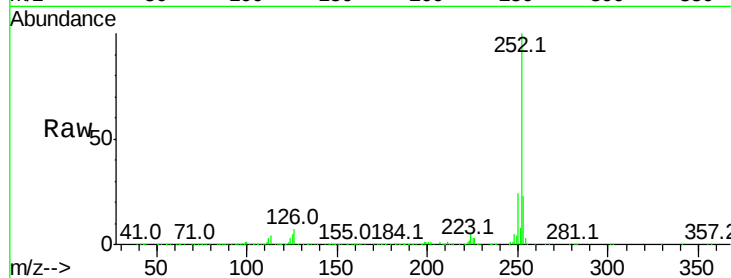
Tot Ion:252 Resp: 1452494

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

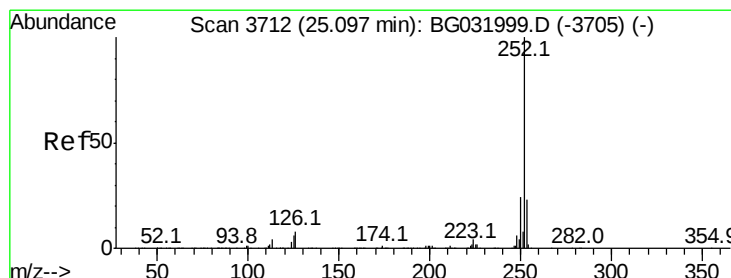
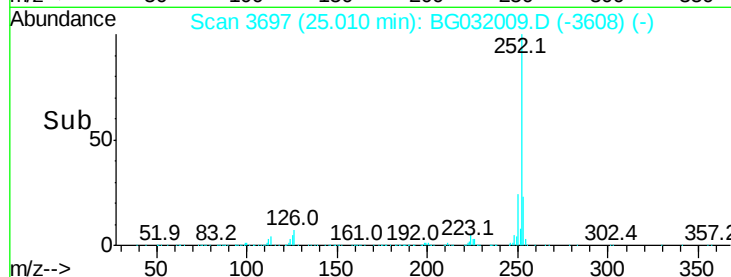
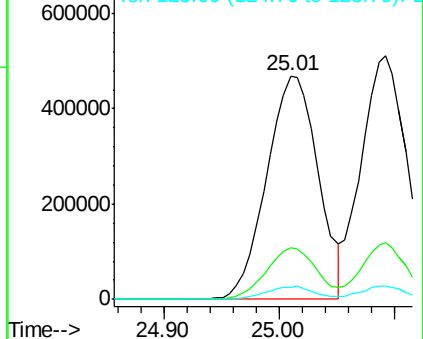
125 5.4 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.711 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

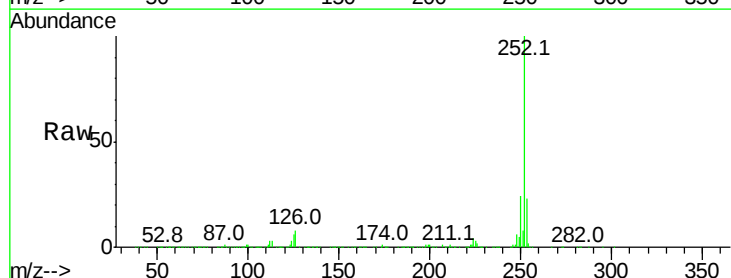
Tgt Ion:252 Resp: 1415177

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

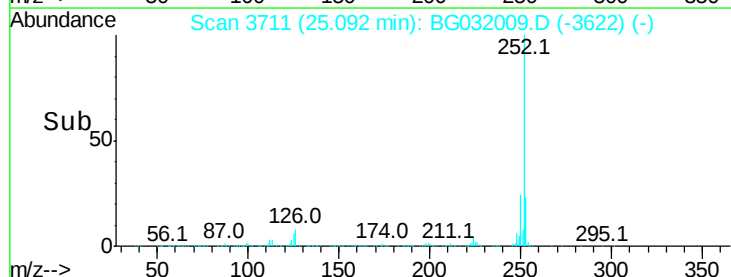
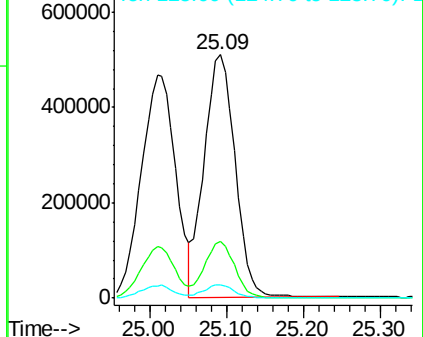
125 5.6 6.6 9.8#

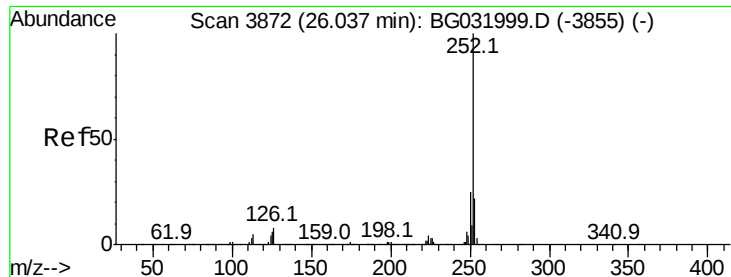


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.351 ng

RT: 26.03 min Scan# 3871

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

Instrument :

BNA_G

ClientSampleId :

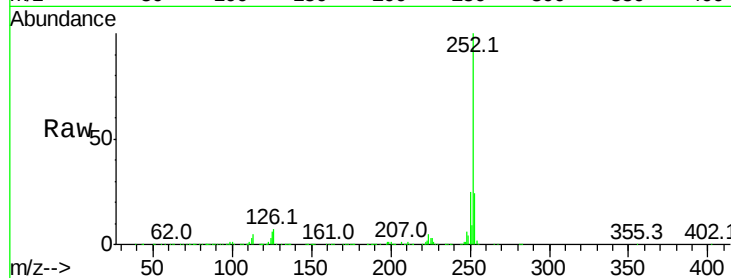
Tot Ion:252 Resp: 1388369

Ion Ratio Lower Upper

252 100

253 23.6 18.3 27.5

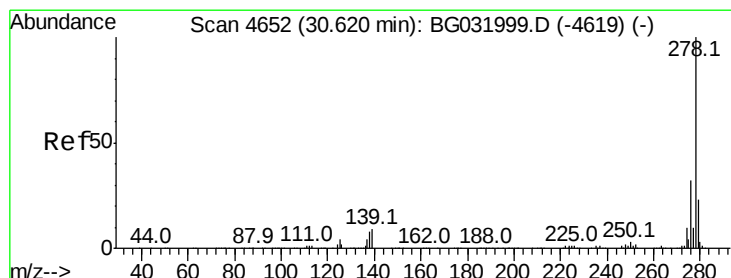
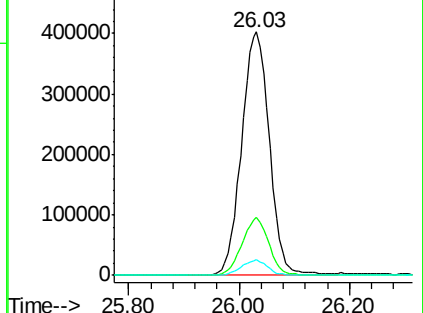
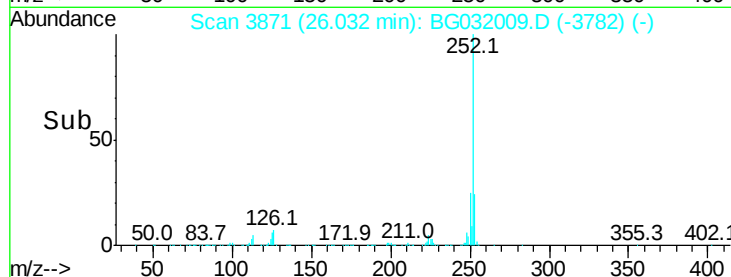
125 6.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.082 ng

RT: 30.62 min Scan# 4651

Delta R.T. -0.00 min

Lab File: BG032009.D

Acq: 12 Jan 2018 19:23

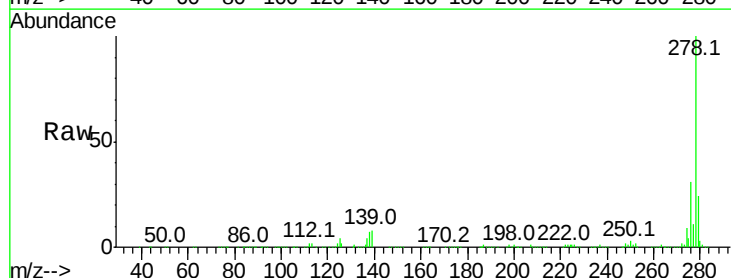
Tgt Ion:278 Resp: 1358105

Ion Ratio Lower Upper

278 100

139 8.4 9.8 14.6#

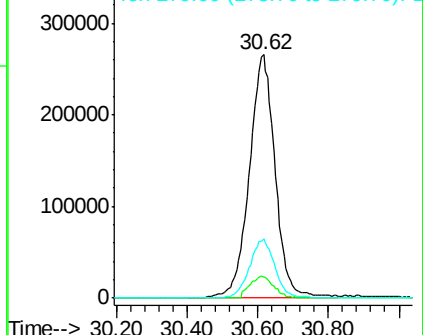
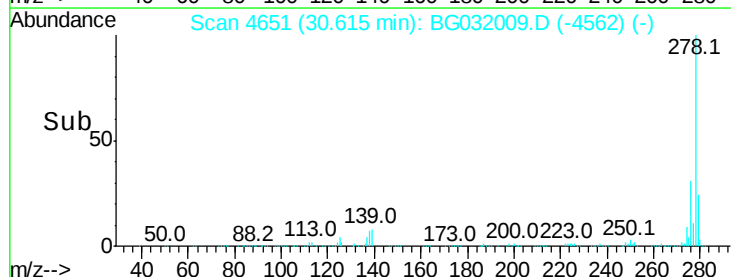
279 24.2 18.4 27.6

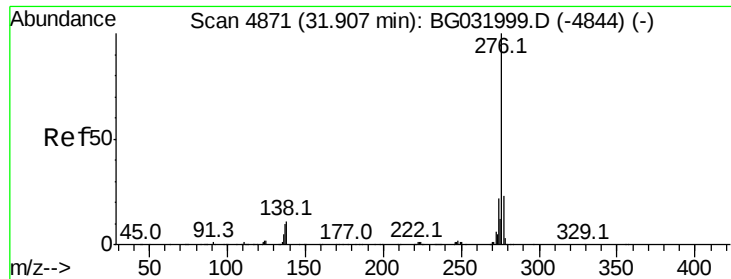


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



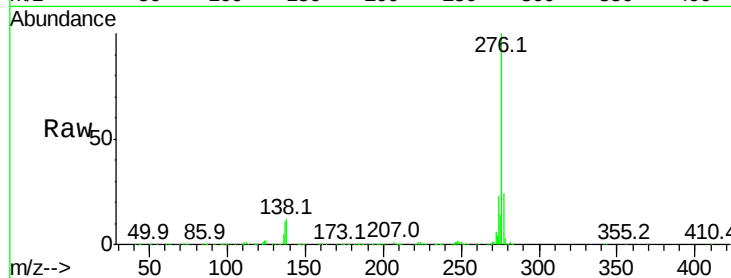


#91
 Benzo(a,h,i)perylene
 Concen: 48.012 ng
 RT: 31.89 min Scan# 4868
 Delta R.T. -0.02 min
 Lab File: BG032009.D
 Acq: 12 Jan 2018 19:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1357845

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	11.7	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

