

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032015.D
 Acq On : 12 Jan 2018 23:09
 Operator : SJ/JU
 Sample : J1015-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 02:59:25 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	53518	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	214858	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	147594	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	391512	20.00	ng	0.00
75) Chrysene-d12	22.47	240	457100	20.00	ng	-0.01
86) Perylene-d12	26.20	264	450060	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	372288	127.23	ng	0.00
7) Phenol-d6	7.88	99	415433	112.73	ng	0.00
23) Nitrobenzene-d5	9.97	82	290161	91.37	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	349336	143.03	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1037164	87.13	ng	0.00
78) Terphenyl-d14	20.67	244	2002882	96.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.85	88	176	0.157	ng	# 1
3) Pyridine	4.56	79	56	0.019	ng	# 1
4) n-Nitrosodimethylamine	4.22	42	470	0.446	ng	# 1
6) Aniline	8.27	93	181	0.039	ng	# 1
8) 2-Chlorophenol	8.29	128	60	0.018	ng	# 1
9) Benzaldehyde	7.87	77	539	0.252	ng	# 5
10) Phenol	8.29	94	730	0.201	ng	# 1
11) bis(2-Chloroethyl)ether	8.27	93	181	0.062	ng	# 1
13) 1,4-Dichlorobenzene	9.22	146	77	0.018	ng	# 23
14) 1,2-Dichlorobenzene	9.22	146	77	0.018	ng	# 25
15) Benzyl Alcohol	9.11	79	5141	1.920	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	9.29	45	63	0.021	ng	# 75
17) 2-Methylphenol	9.55	107	86	0.031	ng	# 13
19) n-Nitroso-di-n-propylamine	9.97	70	39837	17.422	ng	# 73
20) 3+4-Methylphenols	9.55	107	86	0.022	ng	# 24
22) Acetophenone	9.62	105	209	0.043	ng	# 50
24) Nitrobenzene	9.98	77	1178	0.372	ng	# 42
25) Isophorone	10.07	82	696	0.118	ng	# 69
27) 2,4-Dimethylphenol	11.06	122	59	0.020	ng	# 1
31) Naphthalene	11.70	128	12627	1.186	ng	# 98
32) Benzoic acid	11.06	122	59	5.278	ng	# 1
33) 4-Chloroaniline	11.70	127	1708	0.374	ng	# 42
37) 2-Methylnaphthalene	13.26	142	460	0.054	ng	# 69
45) 1,1'-Biphenyl	14.25	154	2531	0.200	ng	# 68
47) 2-Nitroaniline	14.03	65	1015	0.539	ng	# 1
48) Acenaphthylene	15.46	152	138	0.009	ng	# 1
50) 2,6-Dinitrotoluene	15.40	165	19246	7.179	ng	# 19
51) Acenaphthene	15.47	154	300	0.030	ng	# 5
53) 2,4-Dinitrophenol	15.59	184	54	7.000	ng	# 1
54) Dibenzofuran	15.80	168	72	0.005	ng	# 46
56) 2,4-Dinitrotoluene	15.40	165	19246	5.332	ng	# 17
57) Fluorene	16.88	166	11172	0.921	ng	# 86
59) Diethylphthalate	16.17	149	27029	2.159	ng	# 97
62) Azobenzene	16.87	77	1102	0.141	ng	# 1

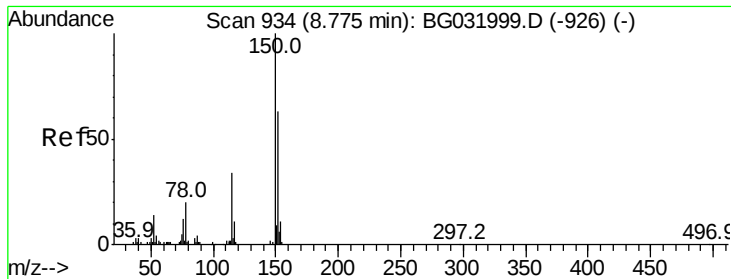
Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032015.D
 Acq On : 12 Jan 2018 23:09
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	16.11	198	59	4.905	ng	# 27
65) n-Nitrosodiphenylamine	16.88	169	10688	0.900	ng	# 53
66) 4-Bromophenyl-phenylether	16.88	248	28406	5.099	ng	# 1
69) Pentachlorophenol	17.38	266	62	0.016	ng	# 19
70) Phenanthrene	18.18	178	1212	0.056	ng	# 81
71) Anthracene	18.18	178	1212	0.056	ng	# 82
72) Carbazole	18.52	167	69	0.004	ng	# 59
73) Di-n-butylphthalate	19.03	149	1899	0.085	ng	# 84
74) Fluoranthene	20.14	202	460	0.017	ng	# 65
76) Benzidine	20.67	184	26834	2.348	ng	# 90
77) Pyrene	20.50	202	228	0.008	ng	# 1
79) Butylbenzylphthalate	21.31	149	127	0.012	ng	# 29
80) Benzo(a)anthracene	22.47	228	1034	0.036	ng	# 86
81) 3,3'-Dichlorobenzidine	22.40	252	54	0.005	ng	# 26
82) Chrysene	22.53	228	57	0.002	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.30	149	683	0.045	ng	# 50
84) Di-n-octyl phthalate	23.69	149	214	0.009	ng	# 74
85) Indeno(1,2,3-cd)pyrene	30.49	276	73	0.002	ng	# 53
87) Benzo(b)fluoranthene	25.01	252	191	0.007	ng	# 59
88) Benzo(k)fluoranthene	25.09	252	92	0.003	ng	# 60
89) Benzo(a)pyrene	26.01	252	69	0.003	ng	# 59
90) Dibenzo(a,h)anthracene	30.62	278	53	0.002	ng	# 58
91) Benzo(g,h,i)perylene	31.89	276	56	0.002	ng	# 56

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

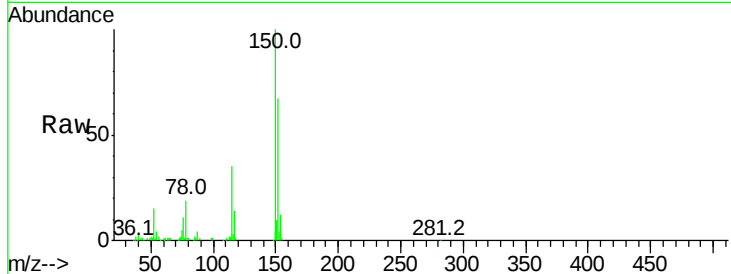


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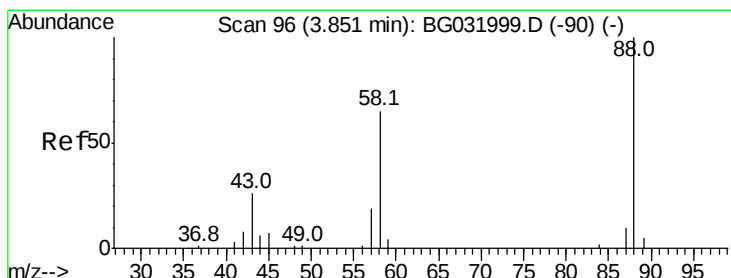
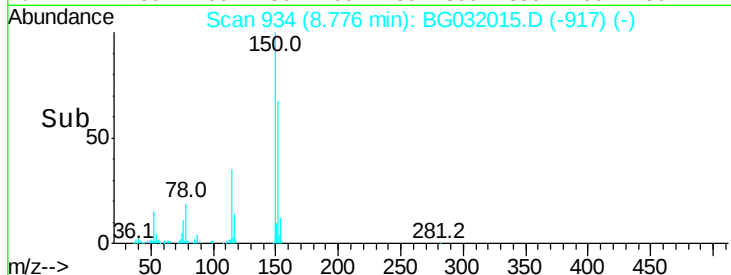
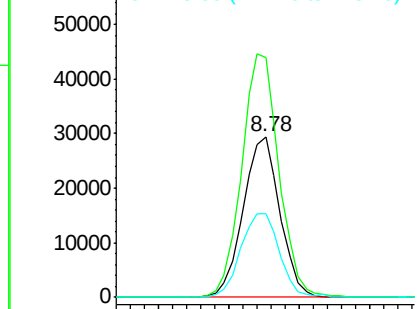
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53518
Ion Ratio Lower Upper
152 100
150 149.3 126.6 189.8
115 51.9 53.0 79.4#



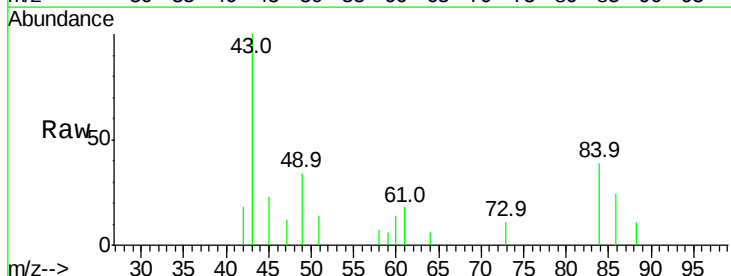
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



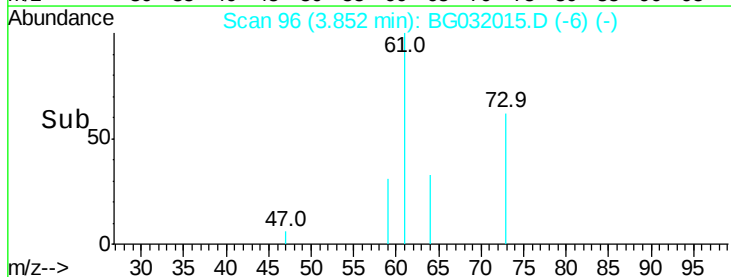
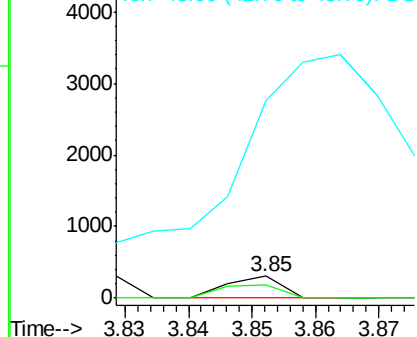
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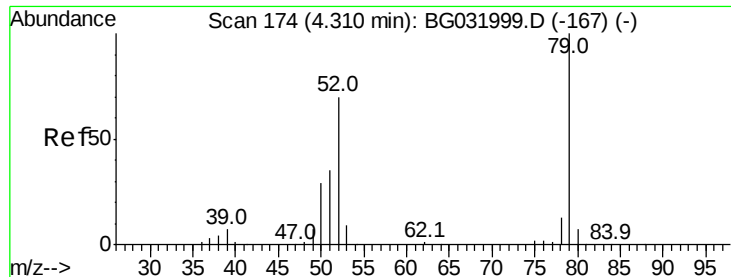
1,4-Dioxane
Concen: 0.157 ng
RT: 3.85 min Scan# 96
Delta R.T. 0.00 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion: 88 Resp: 176
Ion Ratio Lower Upper
88 100
58 68.2 79.6 119.4#
43 2527.8 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.019 ng

RT: 4.56 min Scan# 216

Delta R.T. 0.25 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

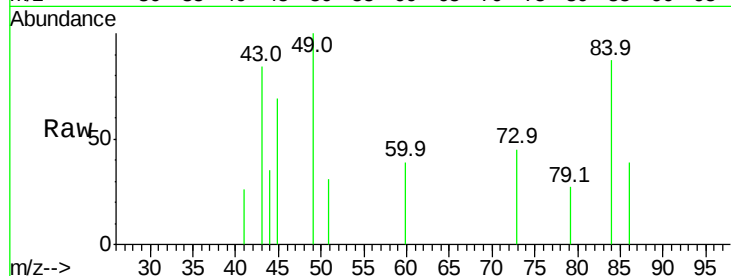
Tot Ion: 79 Resp: 56

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

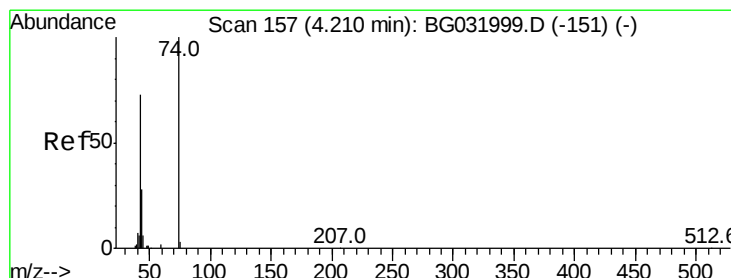
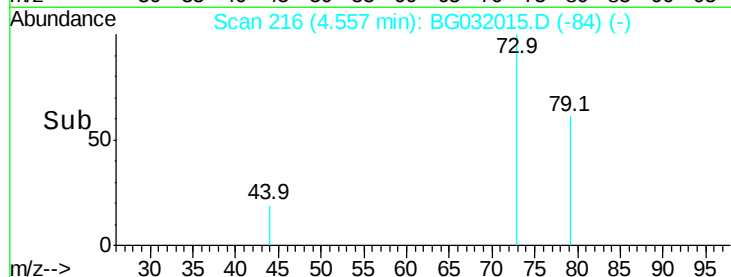
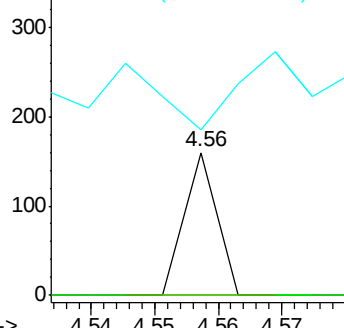
51 115.6 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.446 ng

RT: 4.22 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

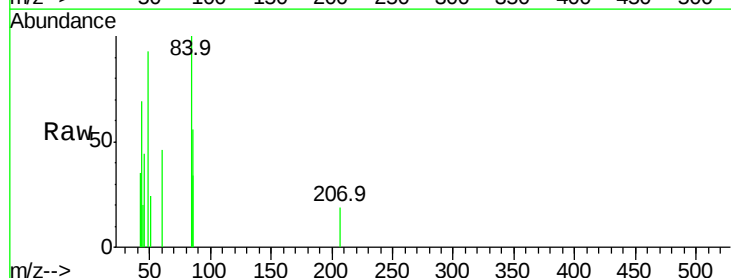
Tgt Ion: 42 Resp: 470

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

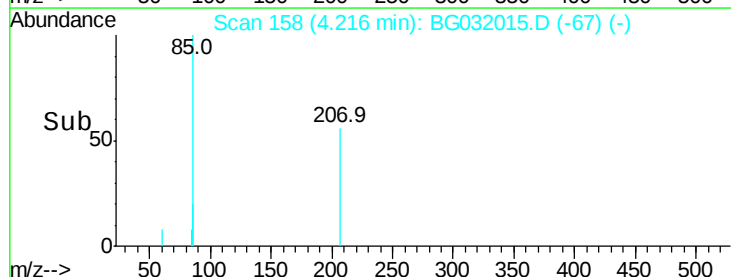
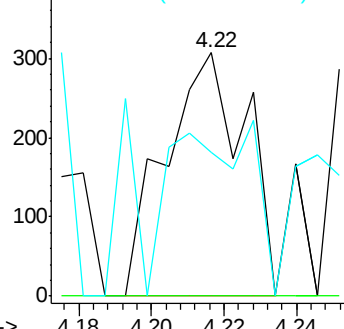
44 59.0 18.9 28.3#

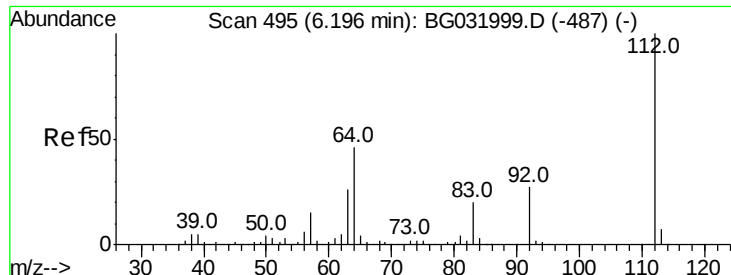


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 127.226 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

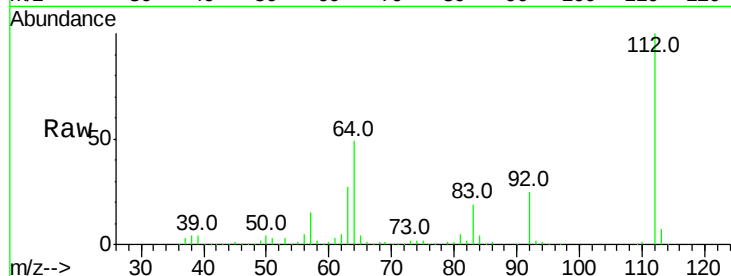
Tot Ion:112 Resp: 372288

Ion Ratio Lower Upper

112 100

64 49.0 56.3 84.5#

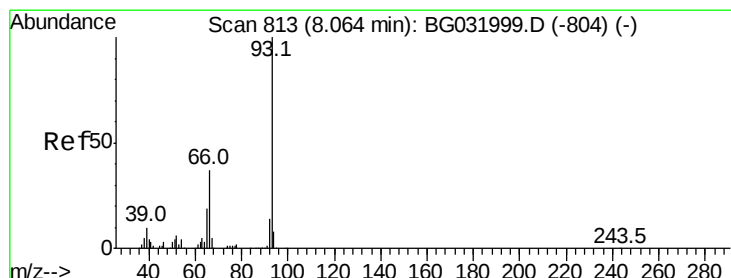
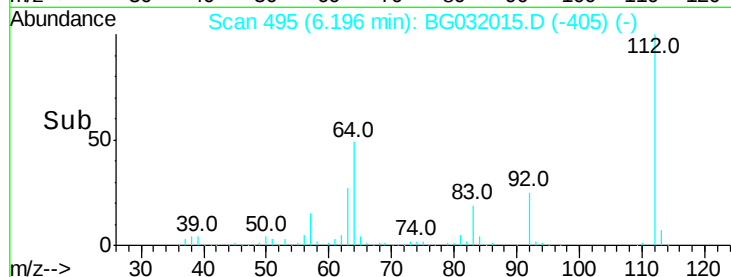
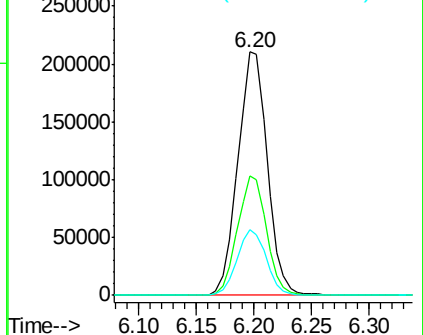
63 27.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.039 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.21 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

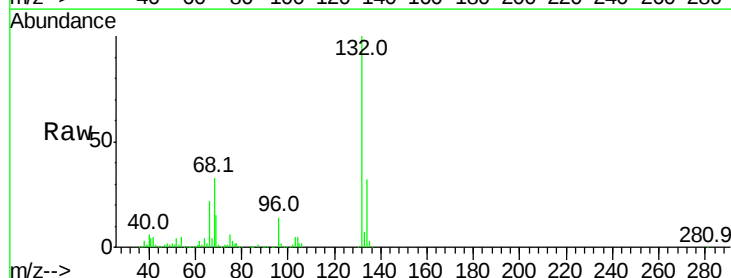
Tgt Ion: 93 Resp: 181

Ion Ratio Lower Upper

93 100

66 13801.9 33.7 50.5#

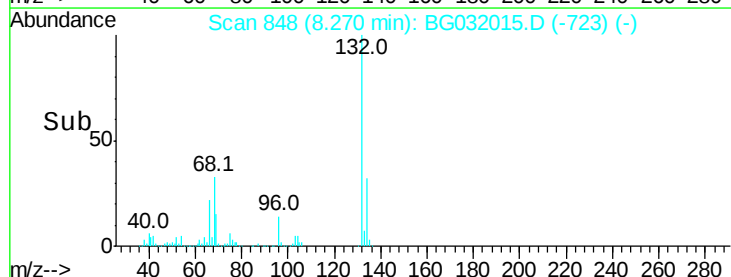
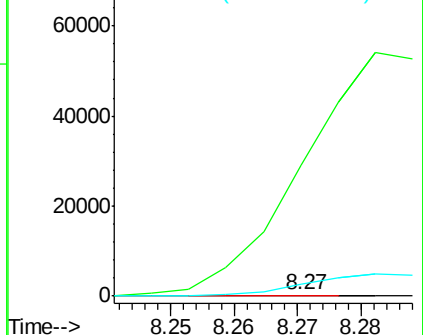
65 1252.9 16.1 24.1#

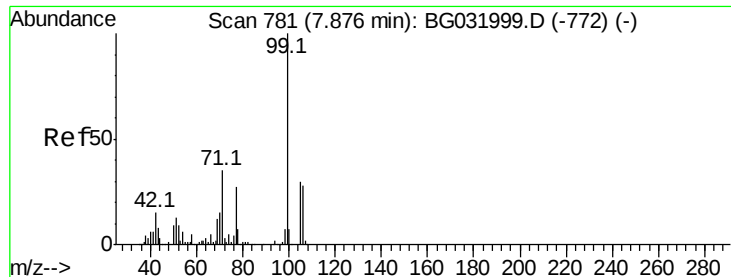


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.726 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampled :

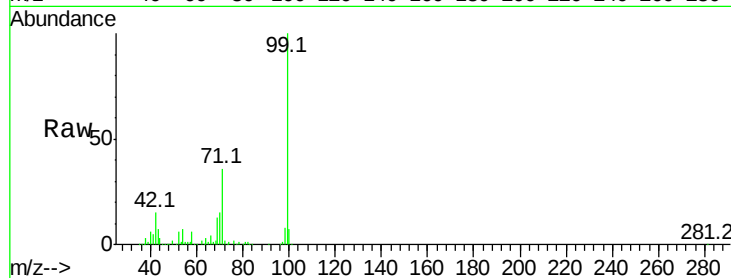
Tot Ion: 99 Resp: 415433

Ion Ratio Lower Upper

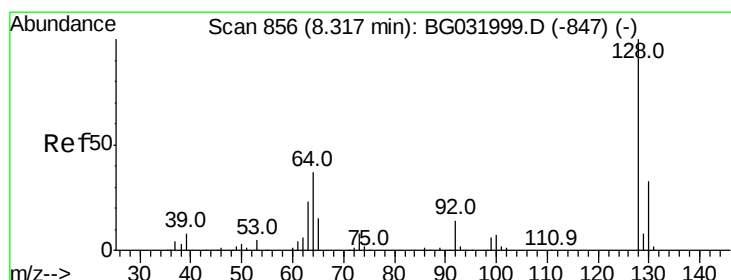
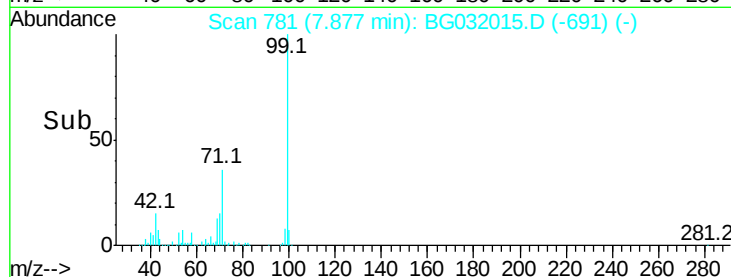
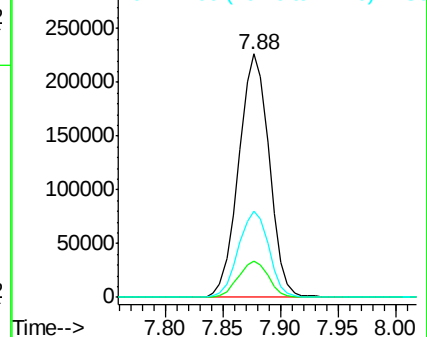
99 100

42 14.8 14.1 21.1

71 35.6 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: 0.018 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

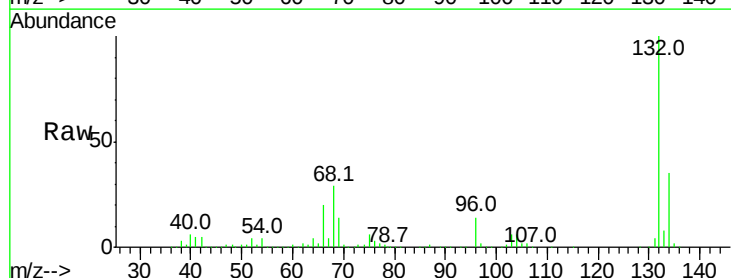
Tgt Ion: 128 Resp: 60

Ion Ratio Lower Upper

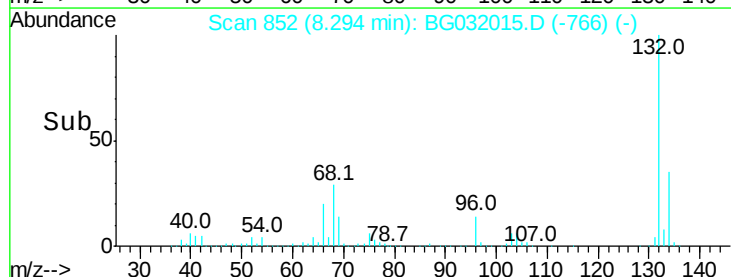
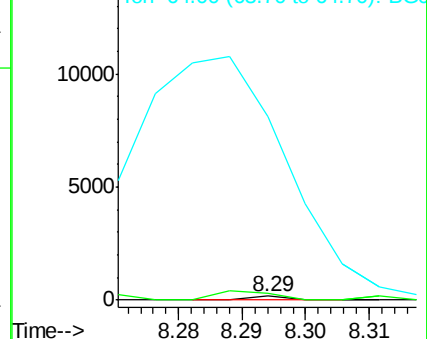
128 100

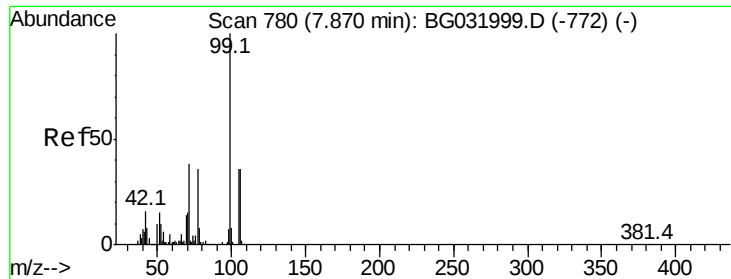
130 172.4 14.0 54.0#

64 4774.1 37.7 77.7#



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





#9

Benzaldehyde

Concen: 0.252 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

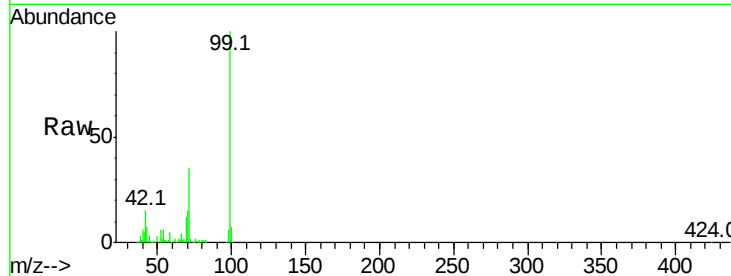
Tot Ion: 77 Resp: 539

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

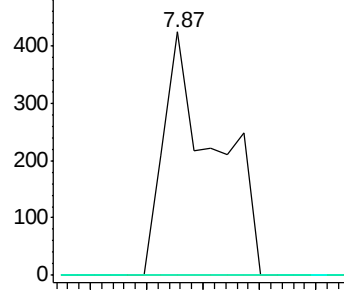
106 0.0 64.2 104.2#



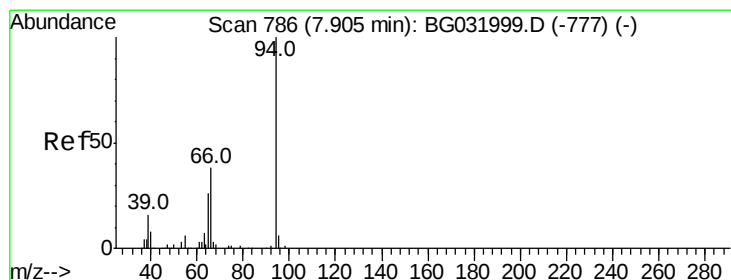
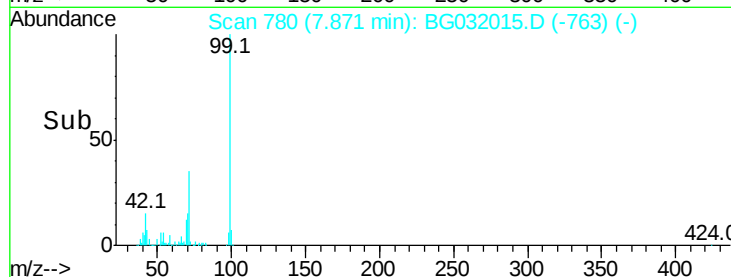
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



Time-->



#10

Phenol

Concen: 0.201 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.38 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

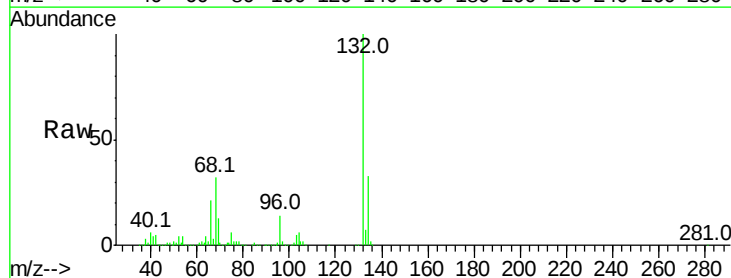
Tgt Ion: 94 Resp: 730

Ion Ratio Lower Upper

94 100

65 860.9 11.9 51.9#

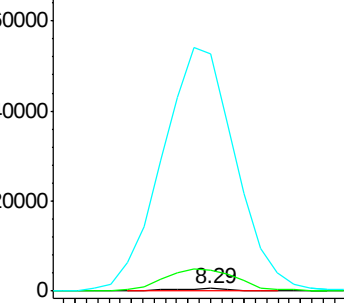
66 9888.7 22.2 62.2#



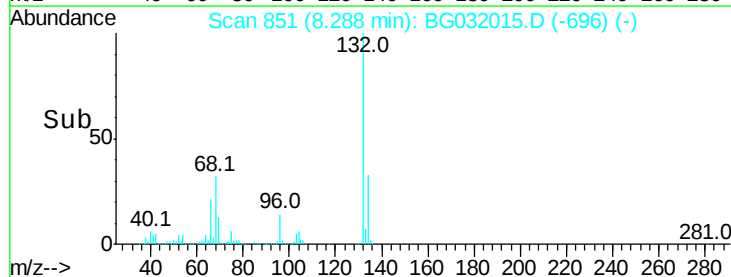
Abundance Ion 94.00 (93.70 to 94.70): BGC

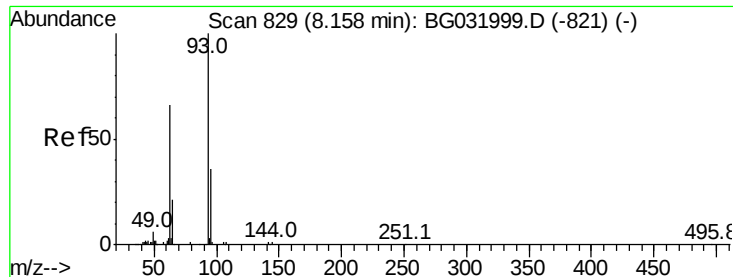
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



Time-->

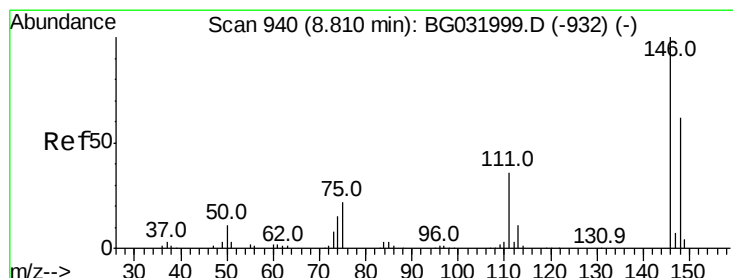
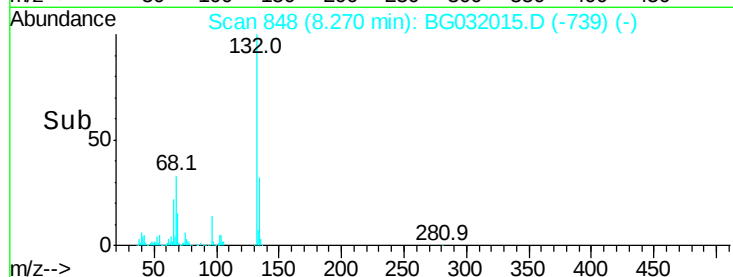
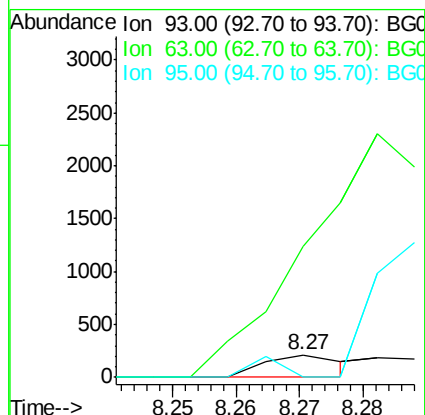
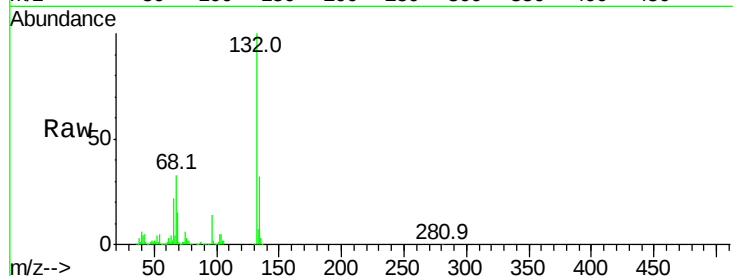




#11
bis(2-Chloroethyl)ether
Concen: 0.062 ng
RT: 8.27 min Scan# 848
Delta R.T. 0.11 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

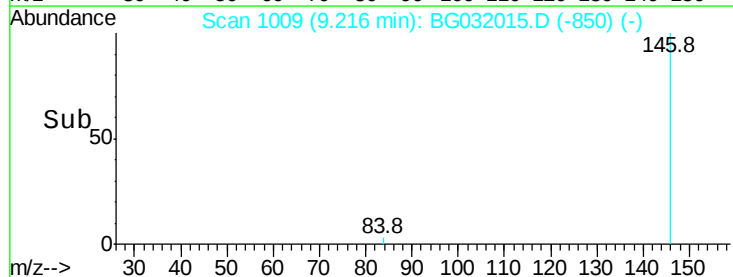
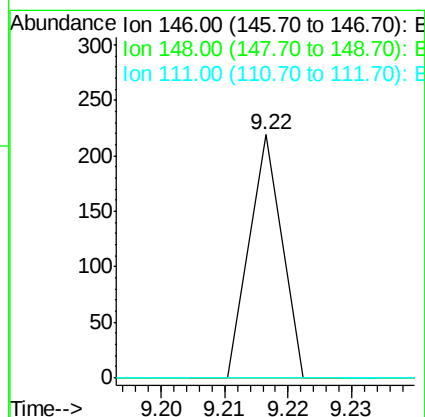
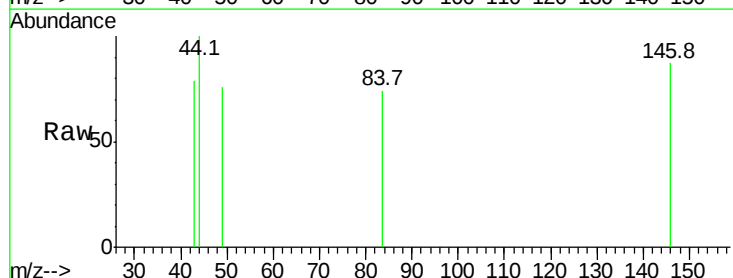
Instrument :
BNA_G
ClientSampleId :

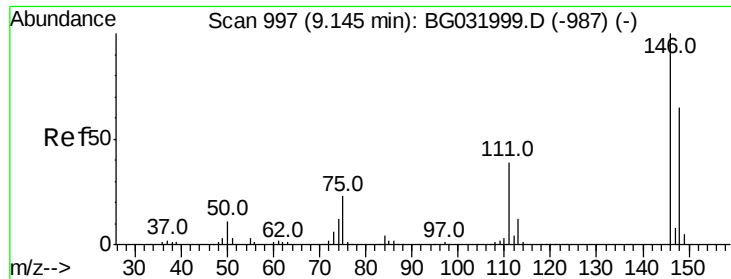
Tot Ion: 93 Resp: 181
Ion Ratio Lower Upper
93 100
63 591.4 67.1 107.1#
95 0.0 11.5 51.5#



#13
1,4-Dichlorobenzene
Concen: 0.018 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.41 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion: 146 Resp: 77
Ion Ratio Lower Upper
146 100
148 0.0 53.7 80.5#
111 0.0 35.2 52.8#





#14

1,2-Dichlorobenzene

Concen: 0.018 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.07 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

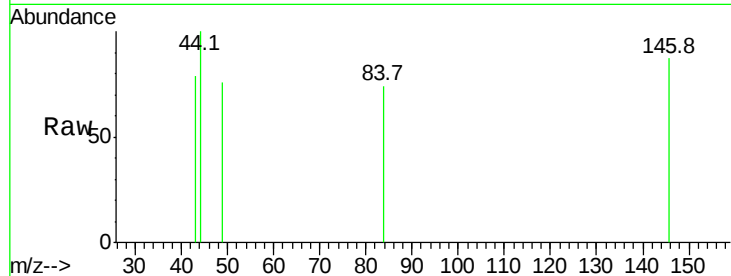
Tot Ion:146 Resp: 77

Ion Ratio Lower Upper

146 100

148 0.0 49.3 73.9#

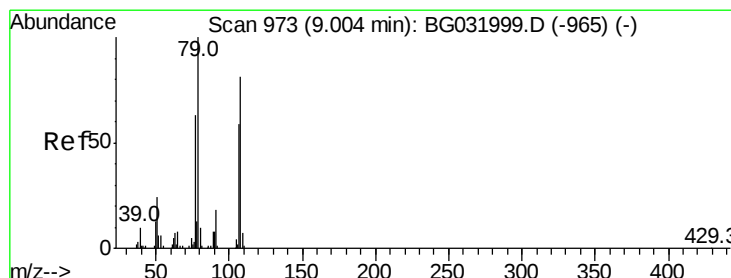
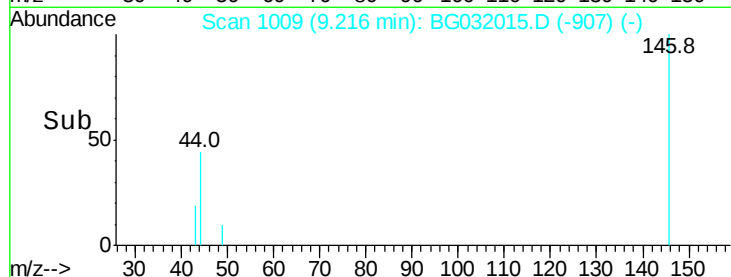
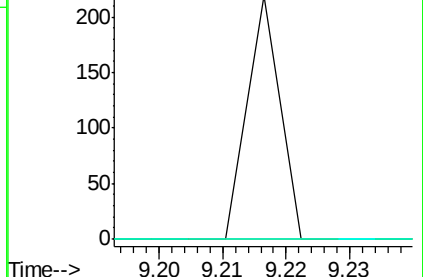
111 0.0 34.3 51.5#



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: 1.920 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.11 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

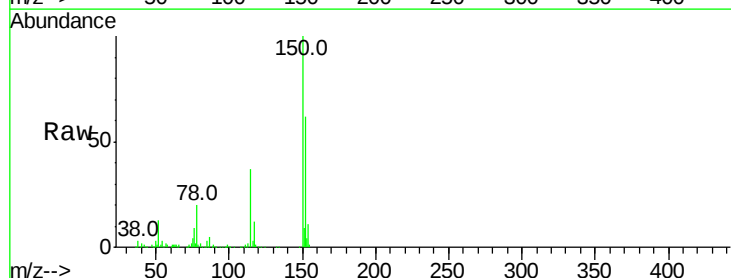
Tgt Ion: 79 Resp: 5141

Ion Ratio Lower Upper

79 100

108 27.6 57.2 85.8#

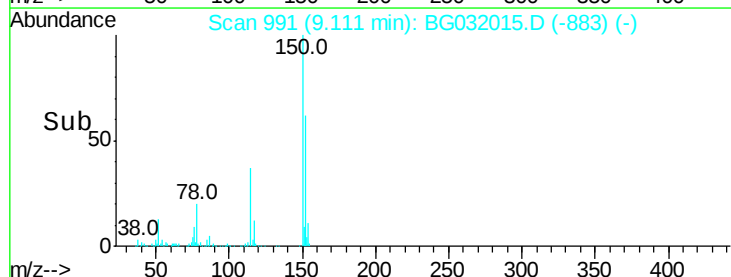
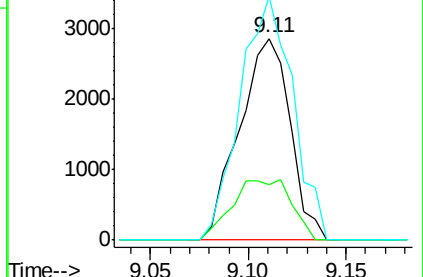
77 120.9 46.1 69.1#

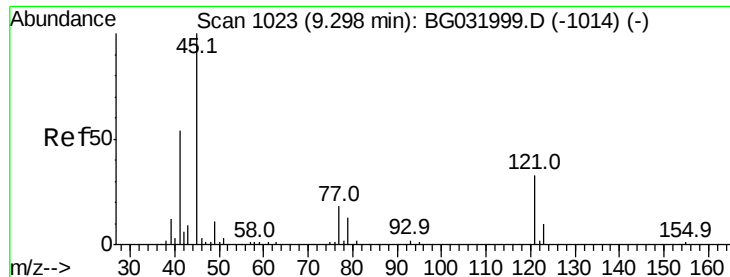


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

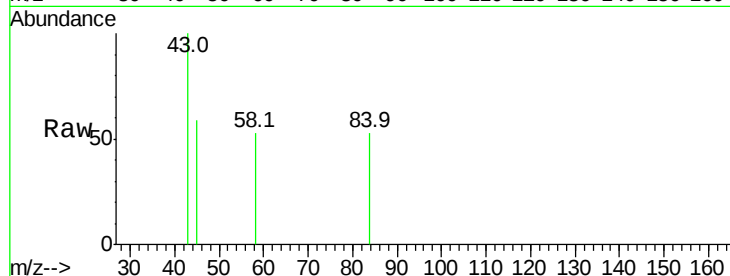




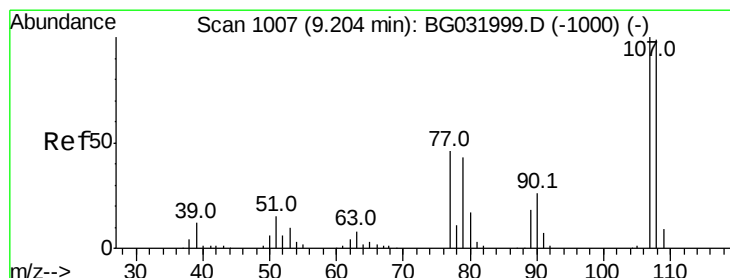
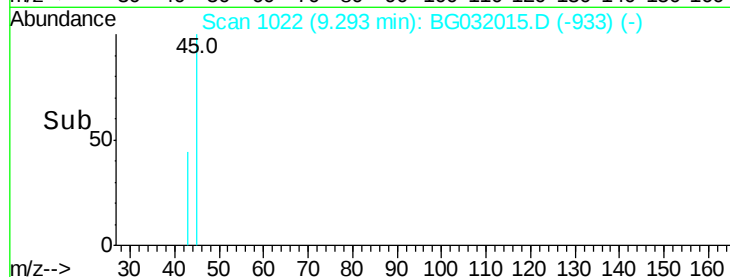
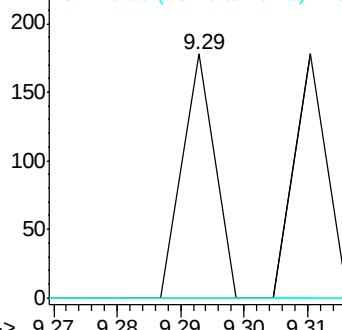
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.021 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 45 Resp: 63
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9

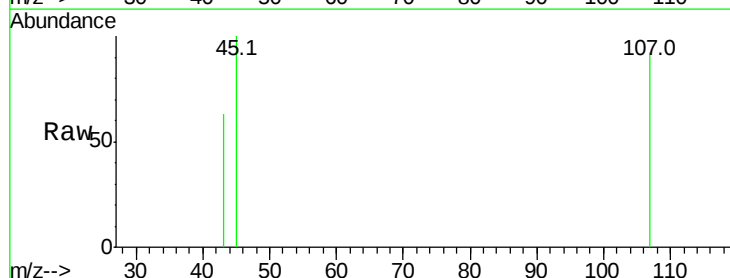


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

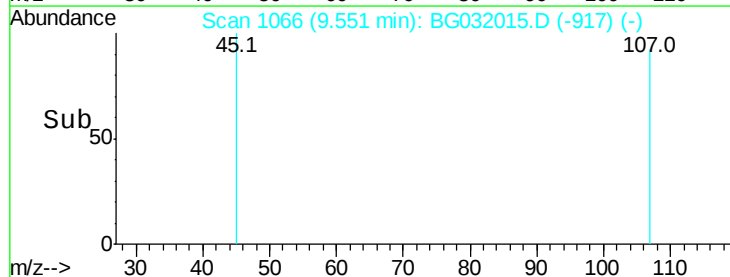
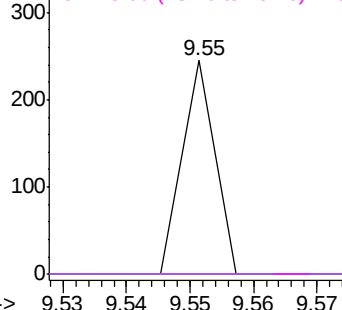


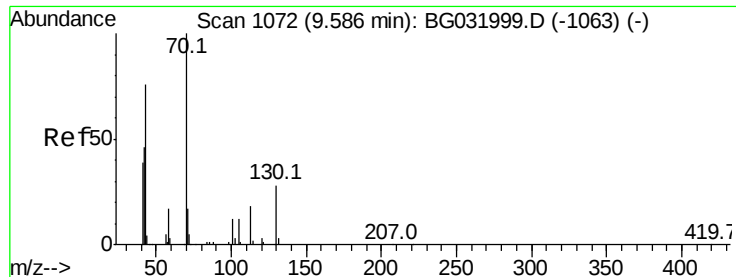
#17
2-Methylphenol
Concen: 0.031 ng
RT: 9.55 min Scan# 1066
Delta R.T. 0.35 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion: 107 Resp: 86
Ion Ratio Lower Upper
107 100
108 0.0 83.9 125.9#
77 0.0 37.2 55.8#
79 0.0 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): BGC
Ion 79.00 (78.70 to 79.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 17.422 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.38 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 39837

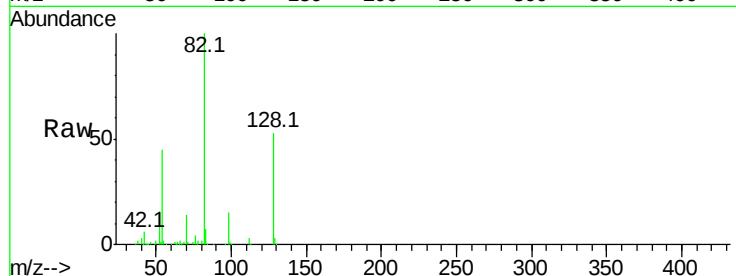
Ion Ratio Lower Upper

70 100

42 42.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 13.4 20.0#



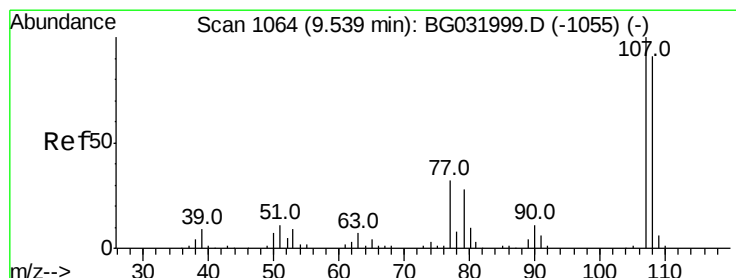
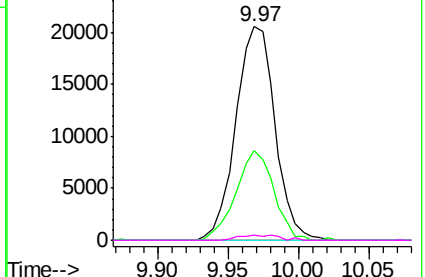
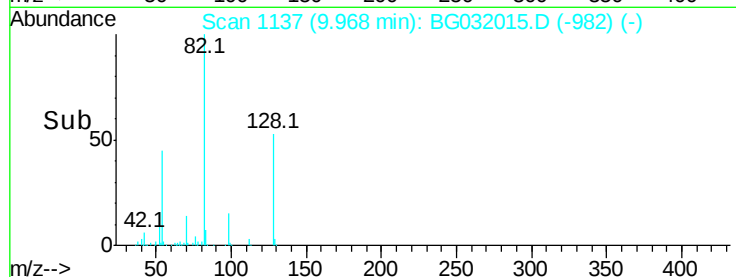
Abundance Ion 70.00 (69.70 to 70.70): BG031999.D (-1063) (-)

Ion 42.00 (41.70 to 42.70): BG031999.D (-1063) (-)

Ion 101.00 (100.70 to 101.70): BG031999.D (-1063) (-)

Ion 130.00 (129.70 to 130.70): BG031999.D (-1063) (-)

Time-->



#20

3+4-Methylphenols

Concen: 0.022 ng

RT: 9.55 min Scan# 1066

Delta R.T. 0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Tgt Ion:107 Resp: 86

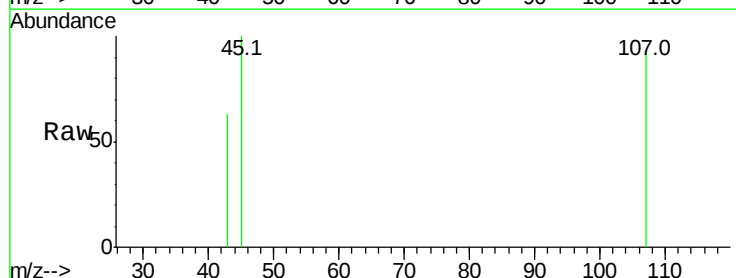
Ion Ratio Lower Upper

107 100

108 0.0 61.6 101.6#

77 0.0 13.9 53.9#

79 0.0 8.8 48.8#



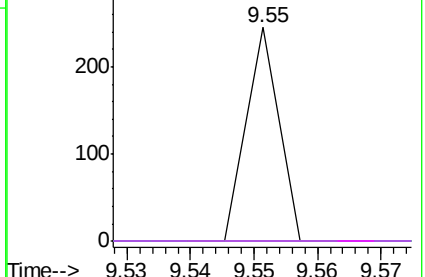
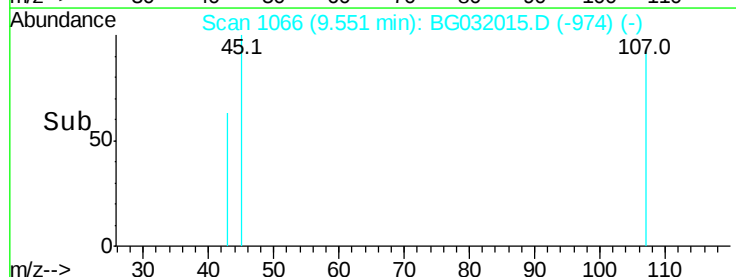
Abundance Ion 107.00 (106.70 to 107.70): BG031999.D (-1055) (-)

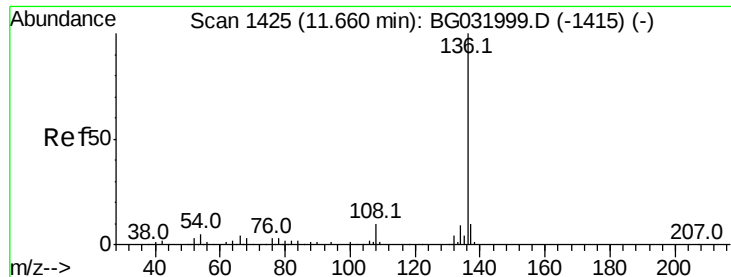
Ion 108.00 (107.70 to 108.70): BG031999.D (-1055) (-)

Ion 77.00 (76.70 to 77.70): BG031999.D (-1055) (-)

Ion 79.00 (78.70 to 79.70): BG031999.D (-1055) (-)

Time-->

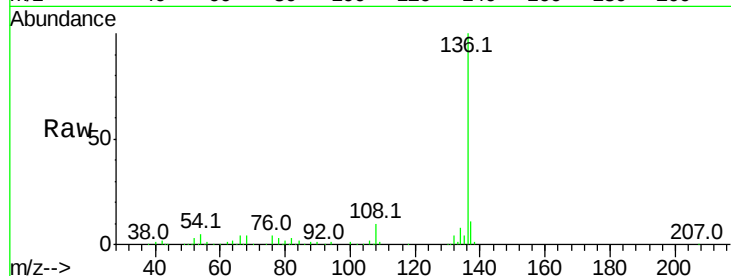




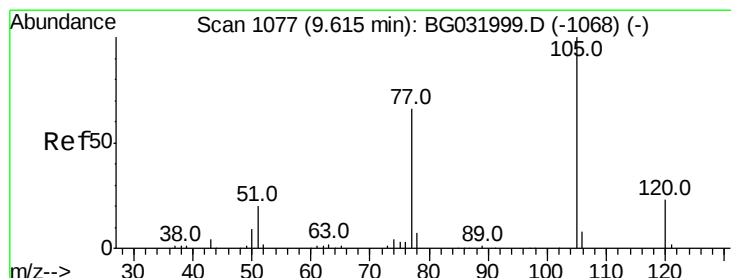
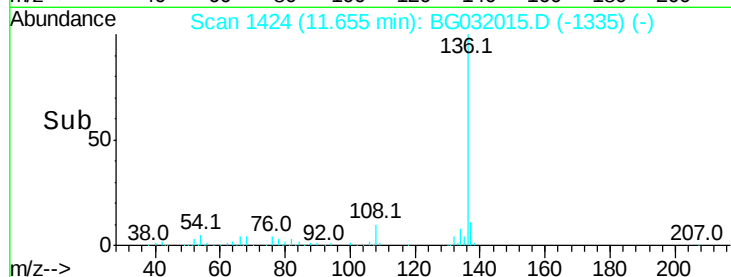
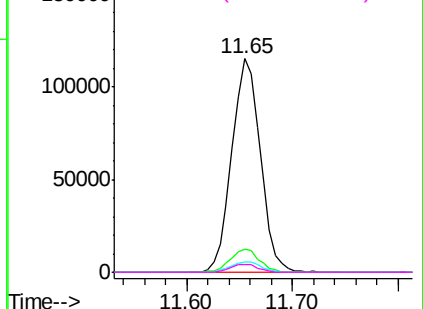
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	214858
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.2 13.8
54	5.0	10.3 15.5#
68	3.6	4.5 6.7#

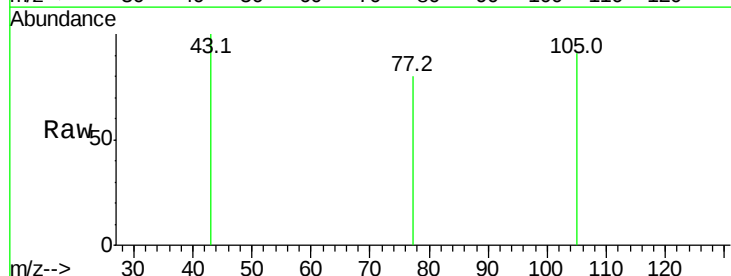


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

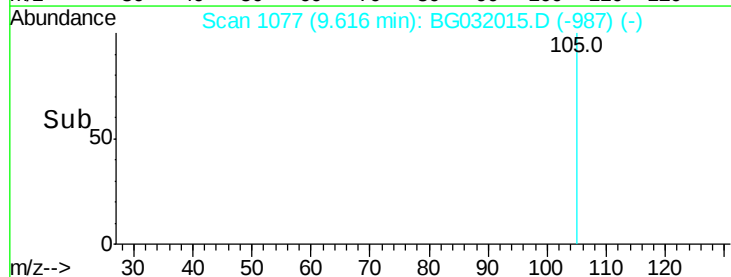
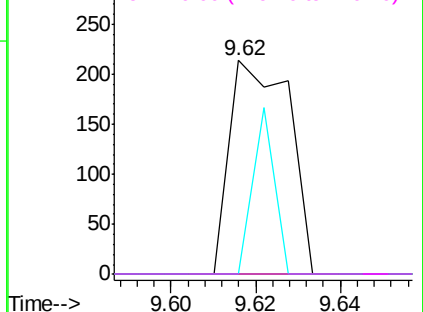


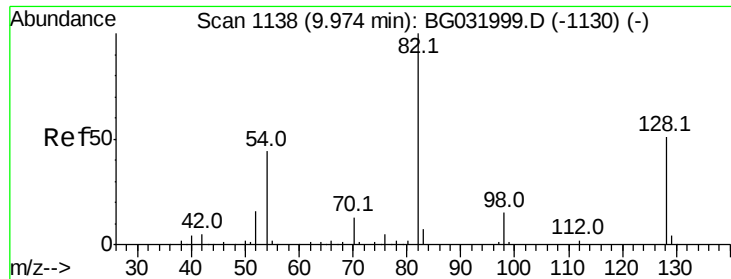
#22
Acetophenone
Concen: 0.043 ng
RT: 9.62 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion:105	Resp:	209
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	0.0	26.1 39.1#
120	0.0	17.4 26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.366 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

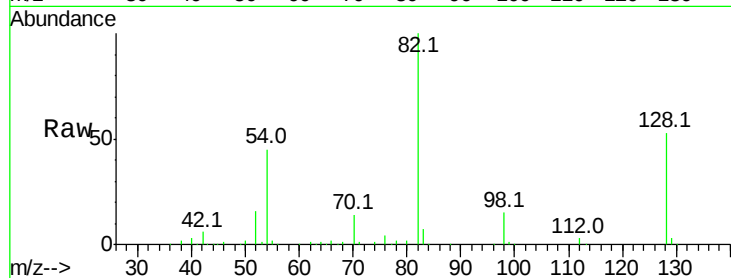
Tot Ion: 82 Resp: 290161

Ion Ratio Lower Upper

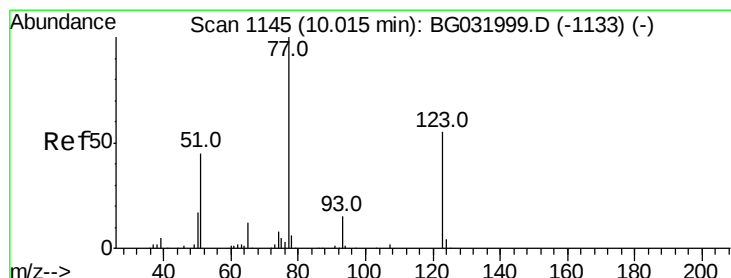
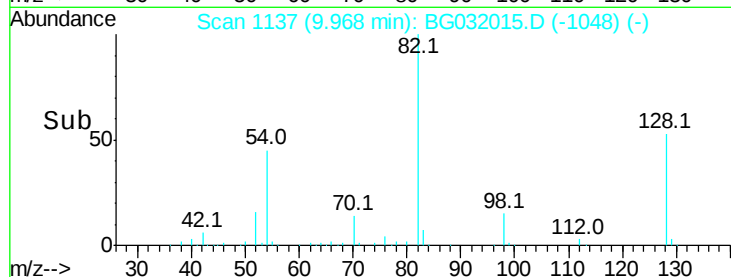
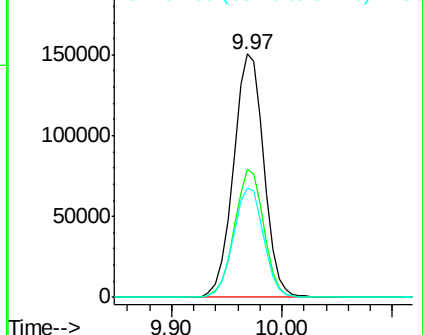
82 100

128 52.5 29.7 44.5#

54 44.9 43.1 64.7



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



#24

Nitrobenzene

Concen: 0.372 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

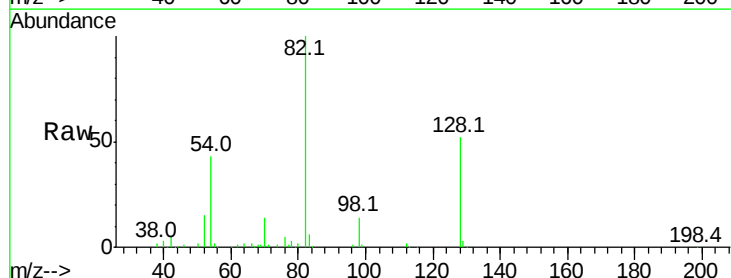
Tgt Ion: 77 Resp: 1178

Ion Ratio Lower Upper

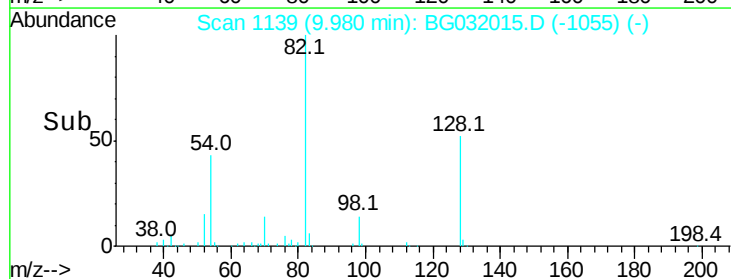
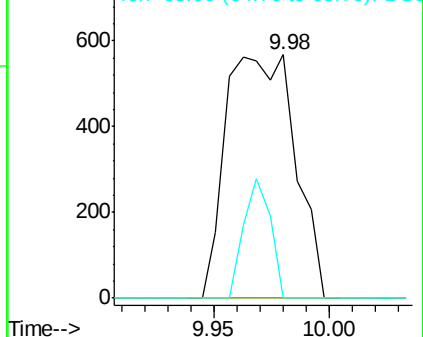
77 100

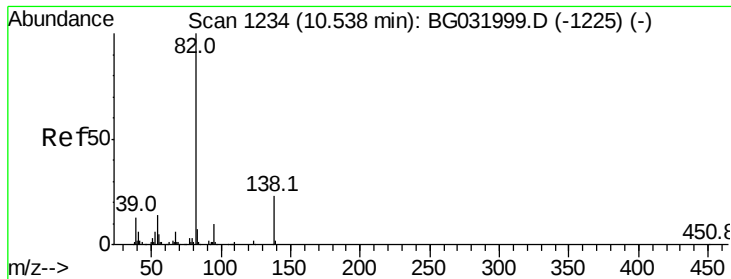
123 0.0 33.0 49.6#

65 0.0 13.0 19.6#



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





#25

Isophorone

Concen: 0.118 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.47 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

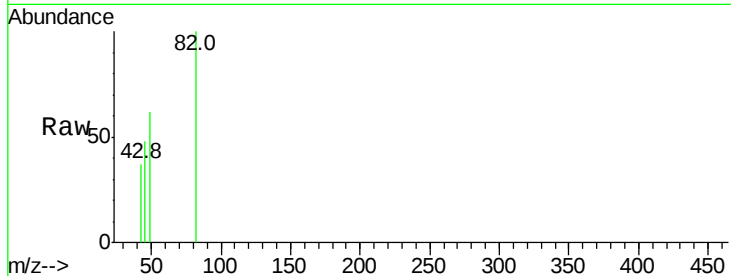
Tot Ion: 82 Resp: 696

Ion Ratio Lower Upper

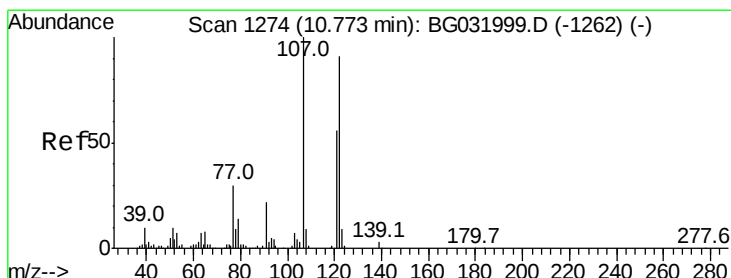
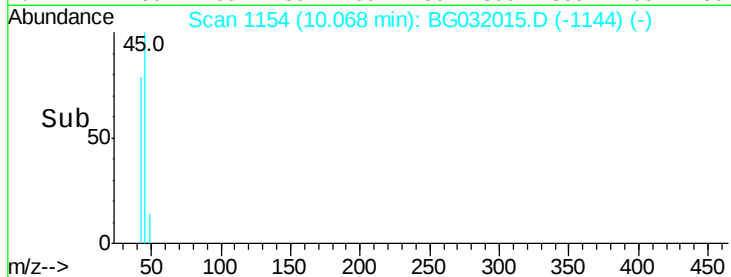
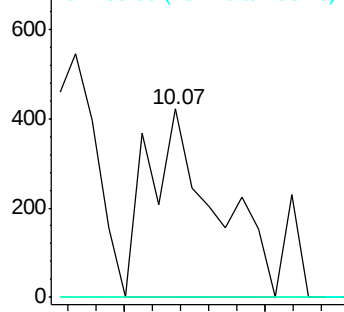
82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#27

2,4-Dimethylphenol

Concen: 0.020 ng

RT: 11.06 min Scan# 1323

Delta R.T. 0.29 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

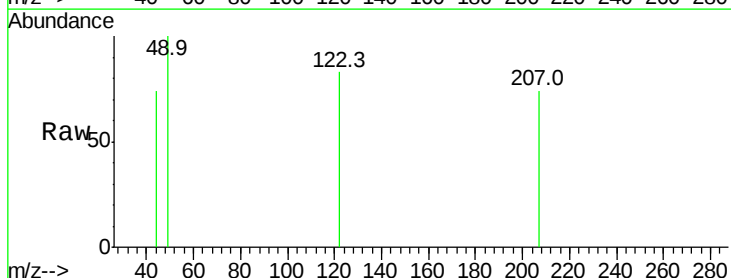
Tgt Ion: 122 Resp: 59

Ion Ratio Lower Upper

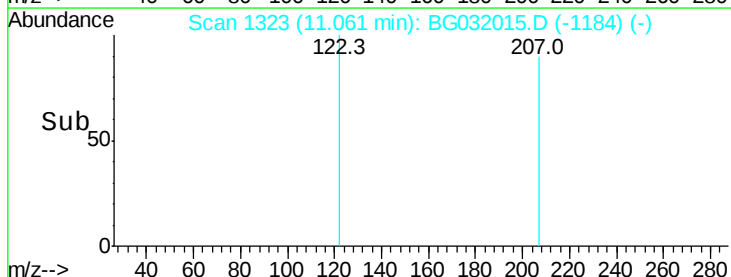
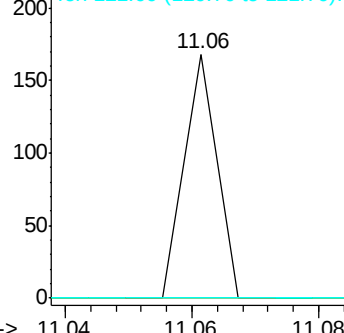
122 100

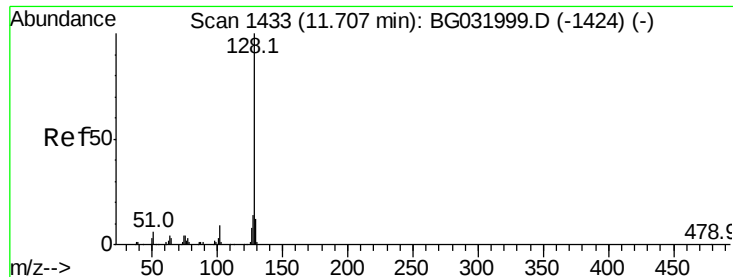
107 0.0 100.2 150.2#

121 0.0 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC

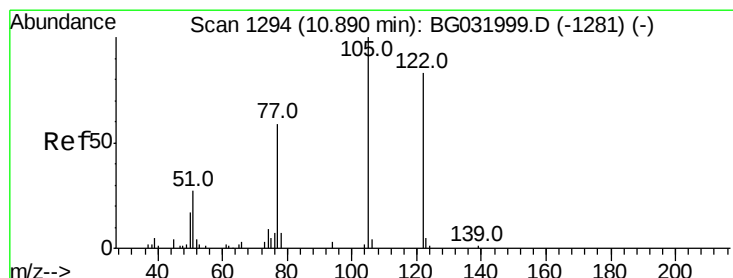
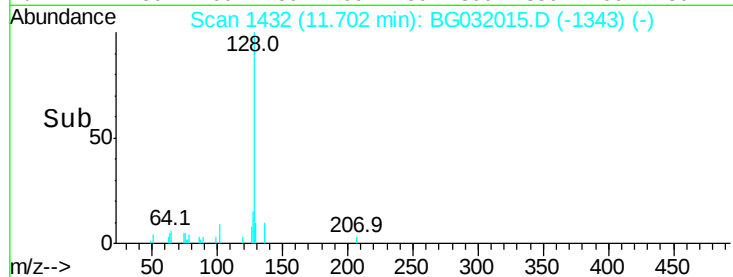
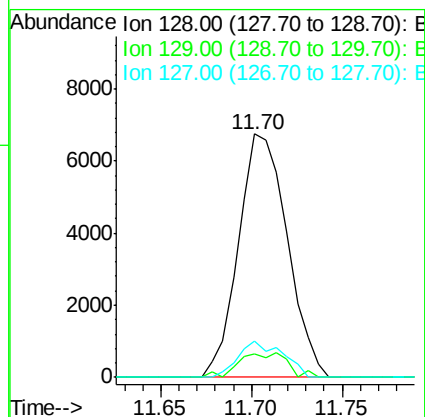
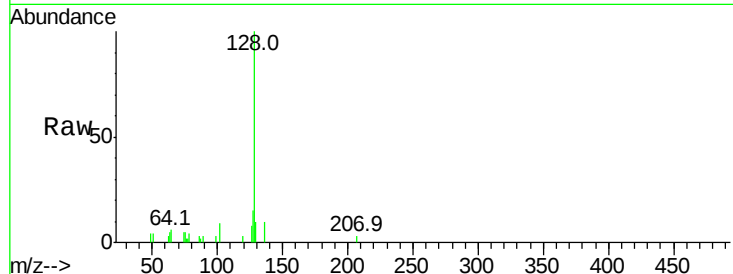




#31
Naphthalene
Concen: 1.186 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

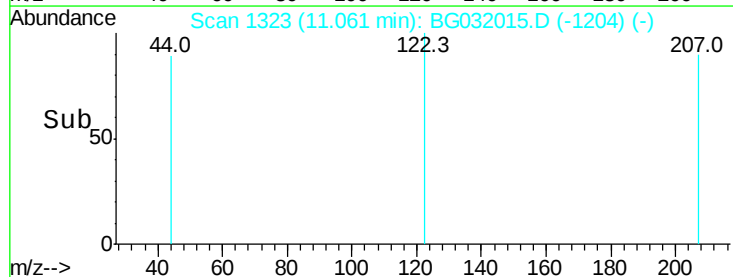
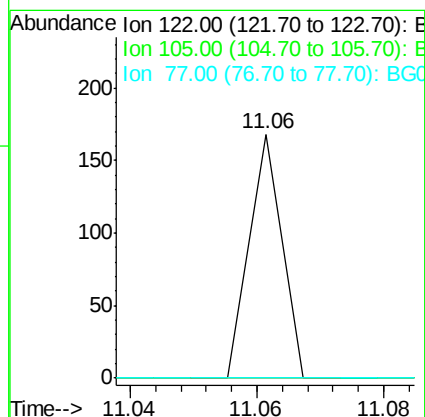
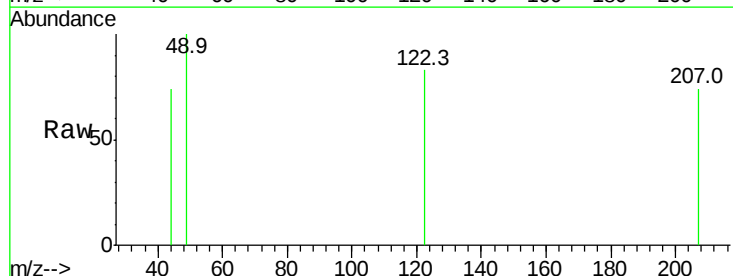
Instrument :
BNA_G
ClientSampleId :

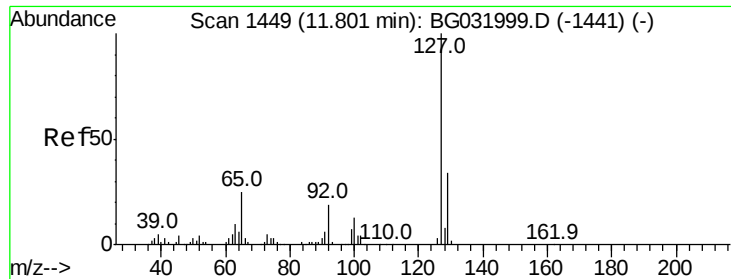
Tot Ion:128 Resp: 12627
Ion Ratio Lower Upper
128 100
129 9.5 8.6 12.8
127 14.6 11.6 17.4



#32
Benzoic acid
Concen: 5.278 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.17 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

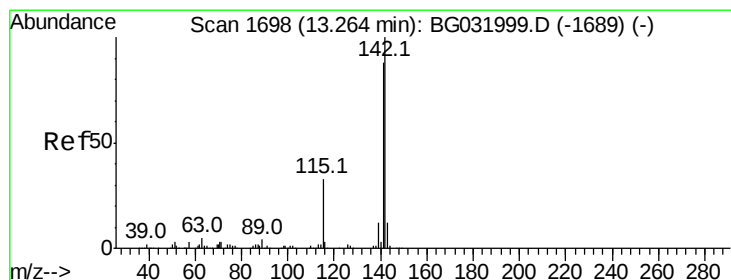
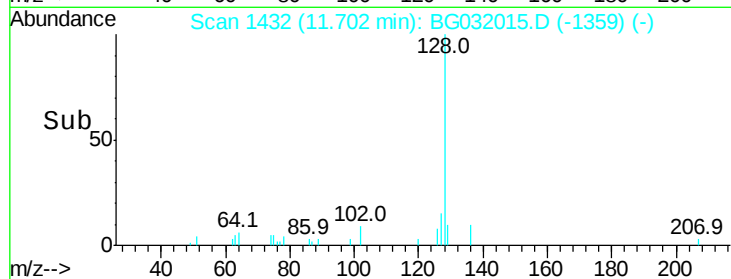
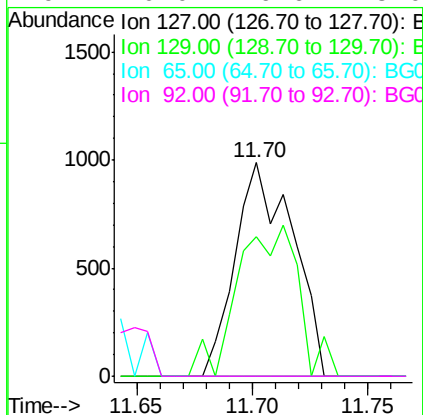
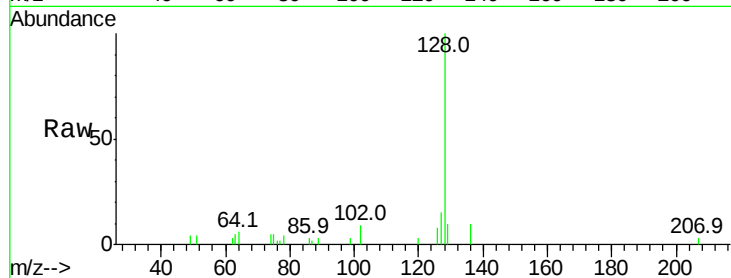




#33
4-Chloroaniline
Concen: 0.374 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.10 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

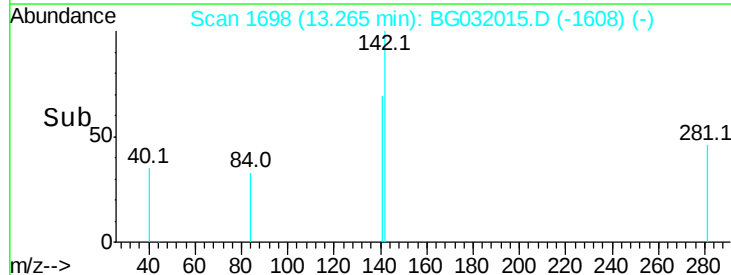
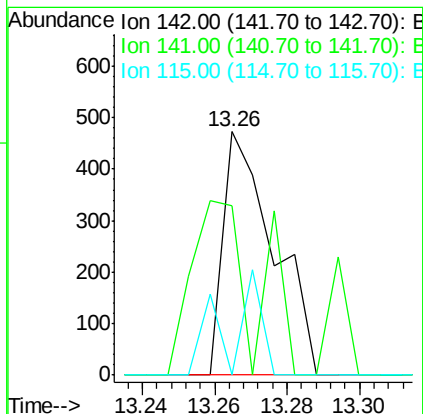
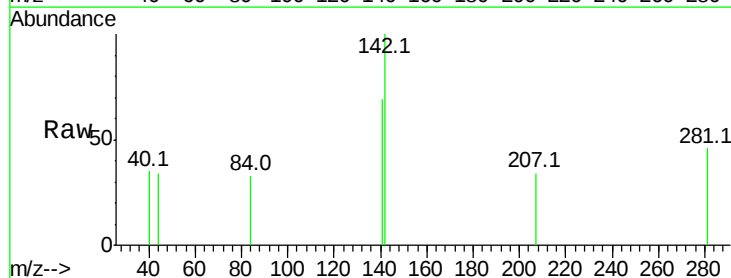
Instrument :
BNA_G
ClientSampleId :

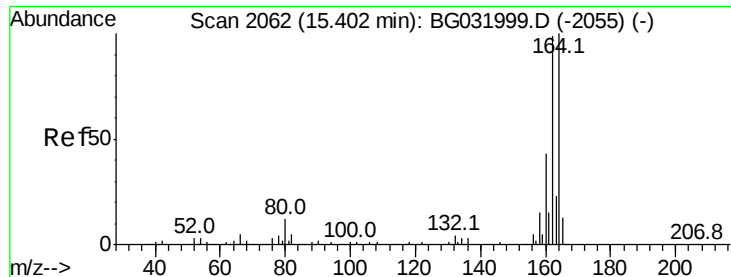
Tot Ion:127 Resp: 1708
Ion Ratio Lower Upper
127 100
129 65.1 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



#37
2-Methylnaphthalene
Concen: 0.054 ng
RT: 13.26 min Scan# 1698
Delta R.T. 0.00 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion:142 Resp: 460
Ion Ratio Lower Upper
142 100
141 69.3 67.1 100.7
115 0.0 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: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

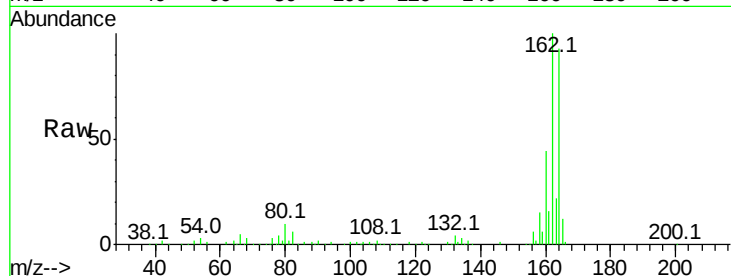
Tot Ion:164 Resp: 147594

Ion Ratio Lower Upper

164 100

162 107.8 78.8 118.2

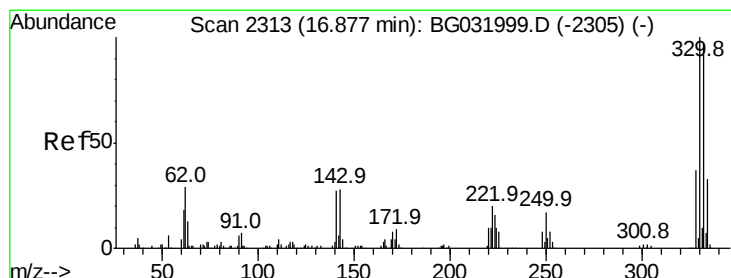
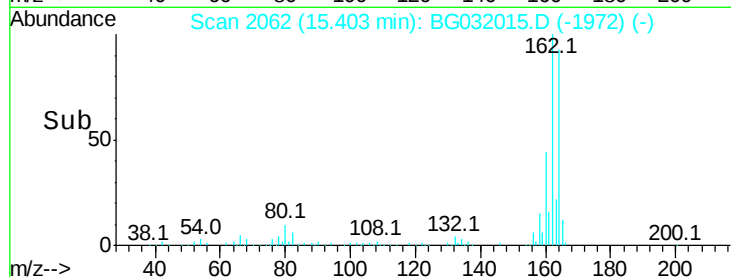
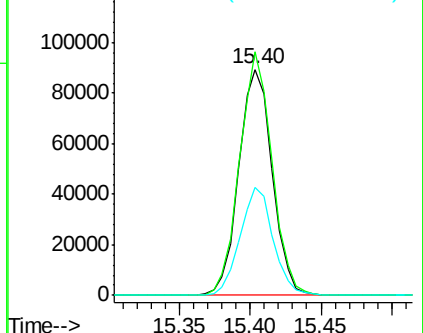
160 47.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.034 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

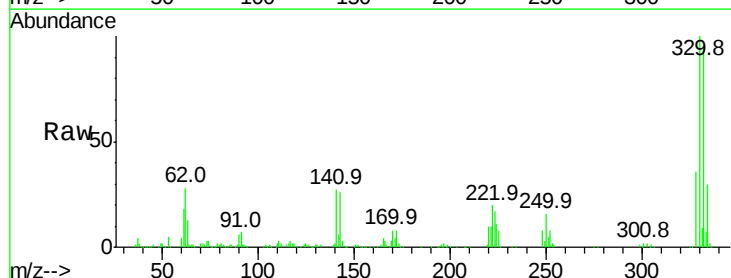
Tgt Ion:330 Resp: 349336

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

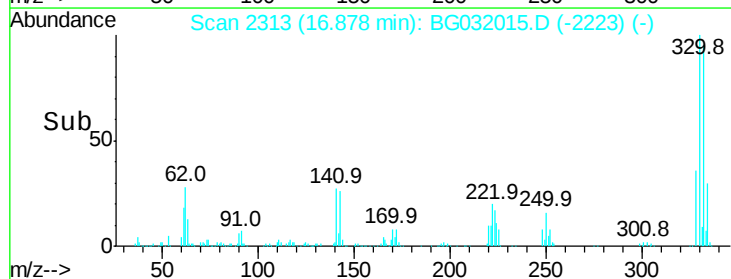
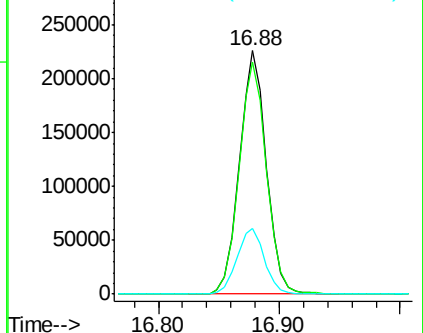
141 27.7 25.2 37.8

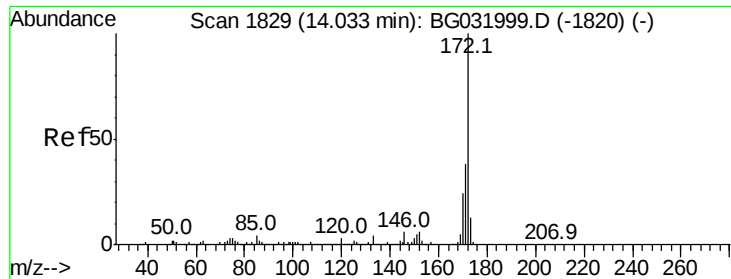


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.133 ng

RT: 14.03 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

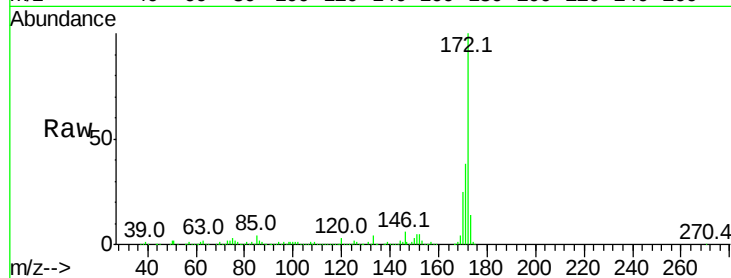
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1037164

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.7	19.5	29.3

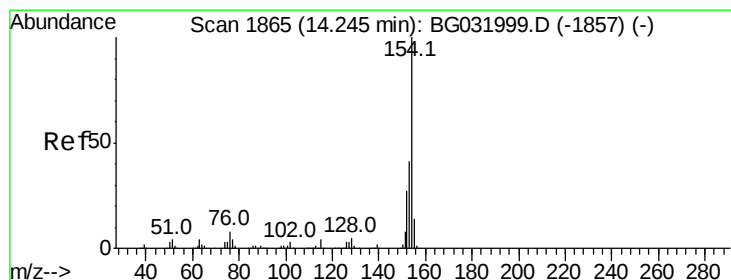
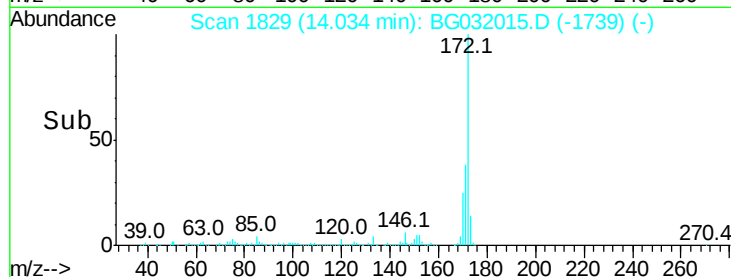
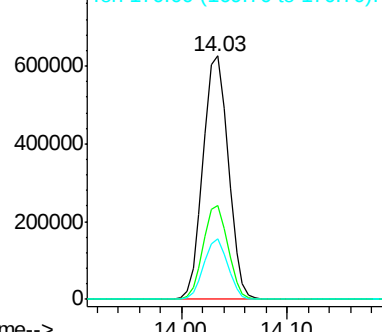


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.200 ng

RT: 14.25 min Scan# 1866

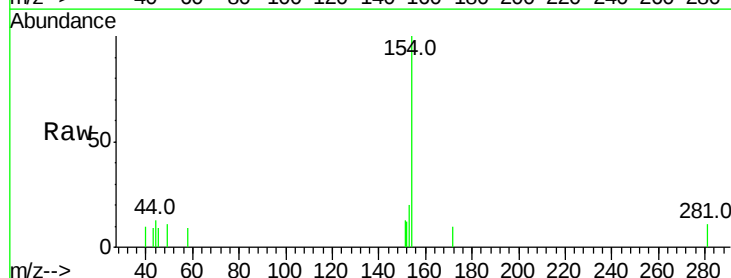
Delta R.T. 0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Tgt Ion:154 Resp: 2531

Ion	Ratio	Lower	Upper
154	100		
153	19.7	19.8	59.8#
76	0.0	0.0	31.9

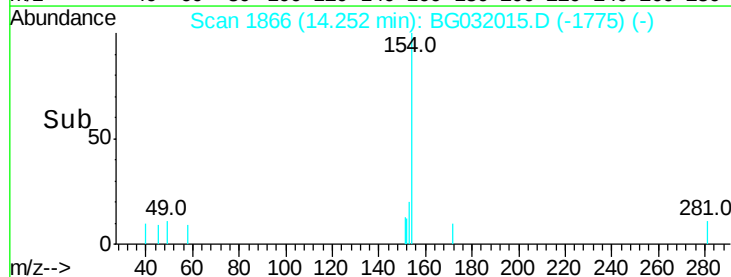
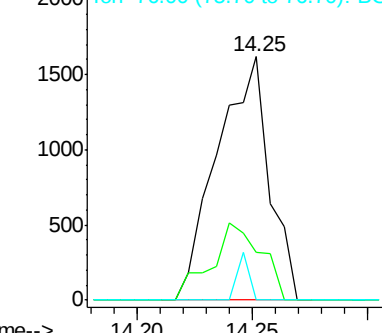


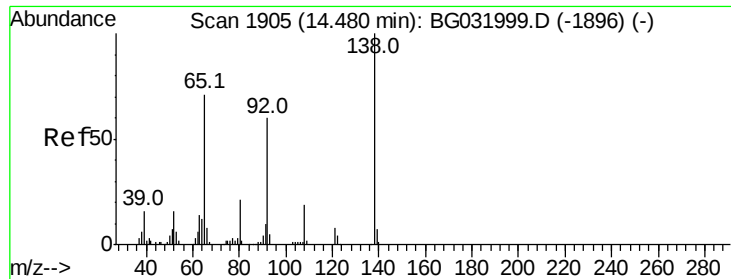
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

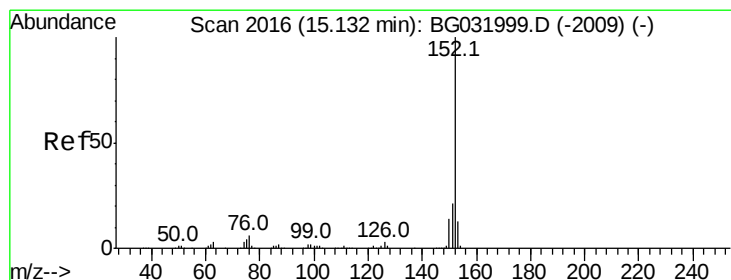
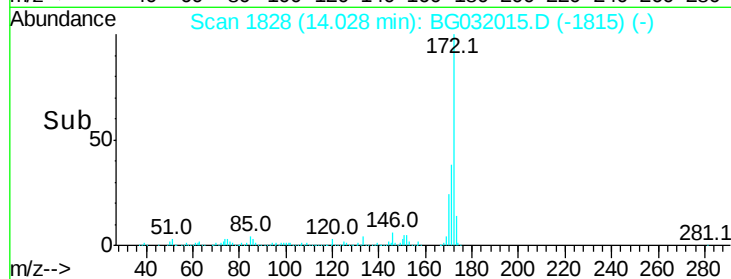
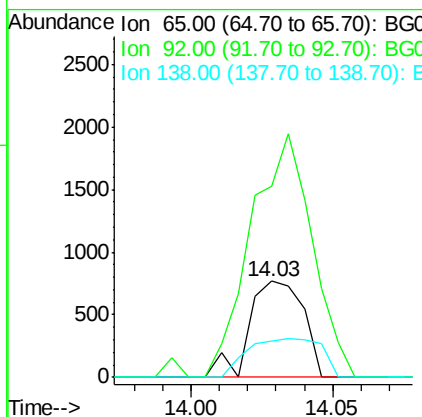
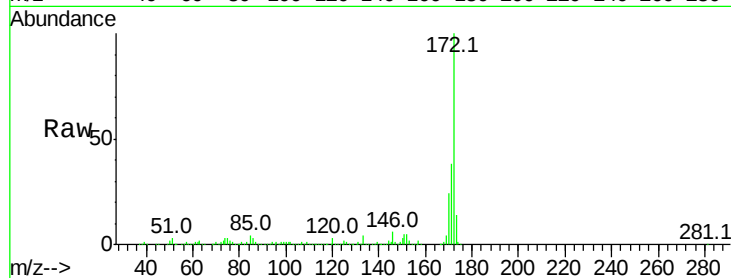




#47
2-Nitroaniline
Concen: 0.539 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.45 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

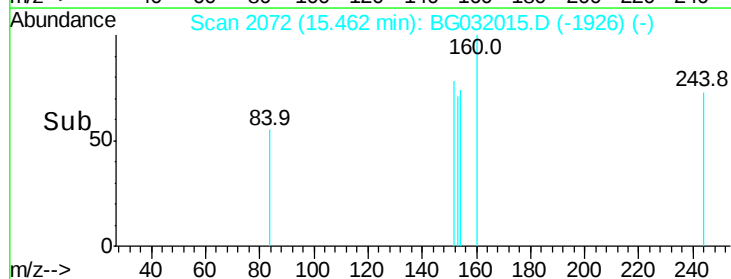
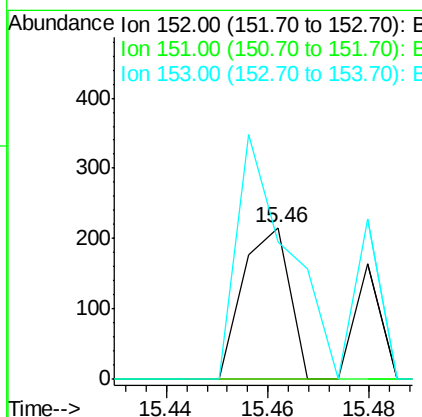
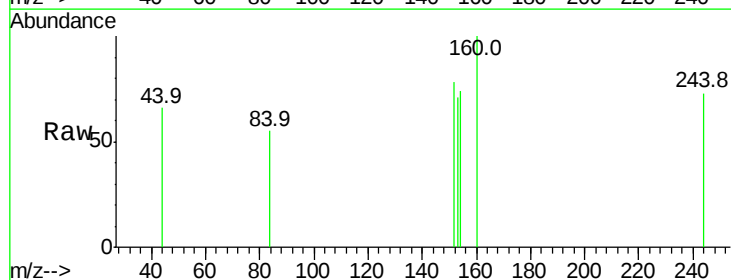
Instrument :
BNA_G
ClientSampled :

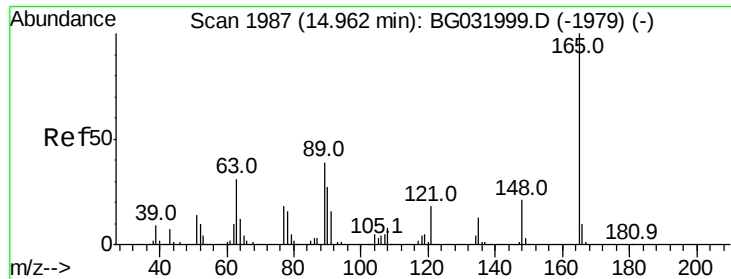
Tot Ion: 65 Resp: 1015
Ion Ratio Lower Upper
65 100
92 198.7 54.6 82.0#
138 38.4 72.9 109.3#



#48
Acenaphthylene
Concen: 0.009 ng
RT: 15.46 min Scan# 2072
Delta R.T. 0.33 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion: 152 Resp: 138
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 90.7 10.2 15.4#

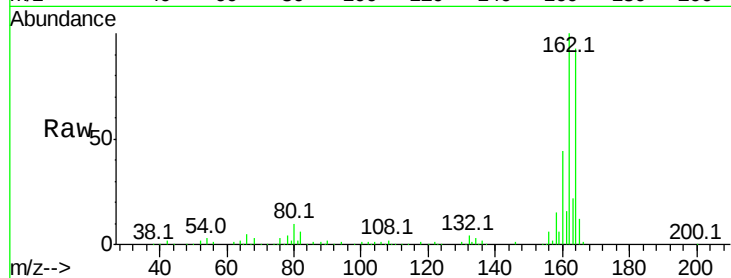




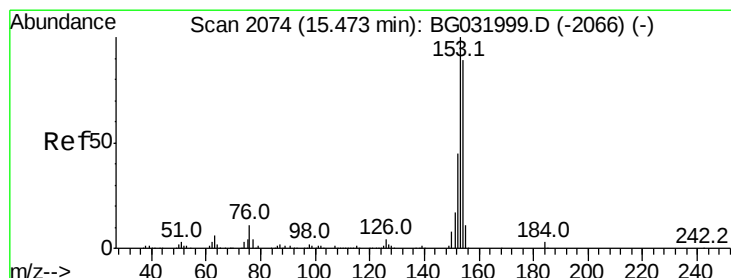
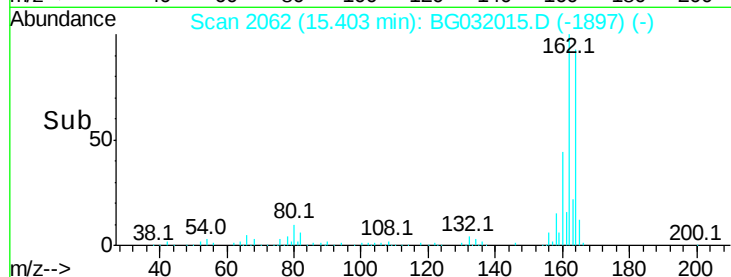
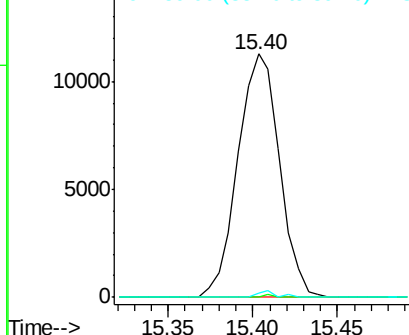
#50
 2,6-Dinitrotoluene
 Concen: 7.179 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.44 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 19246
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 1.6 49.2 73.8#

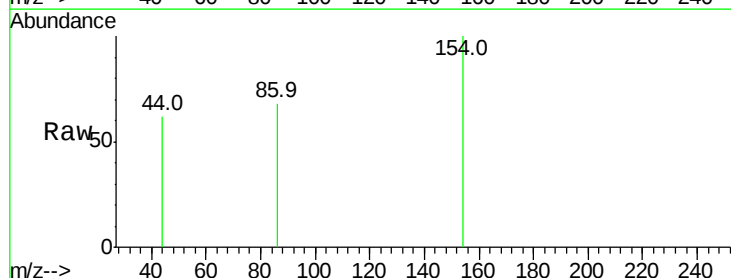


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

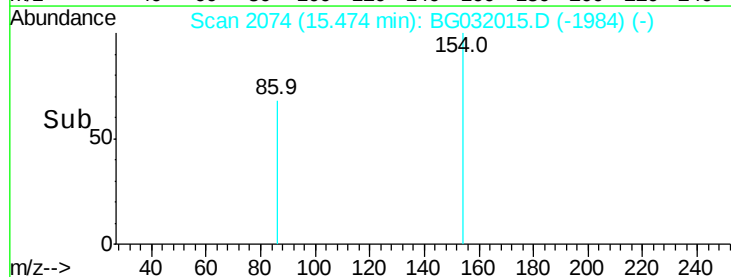
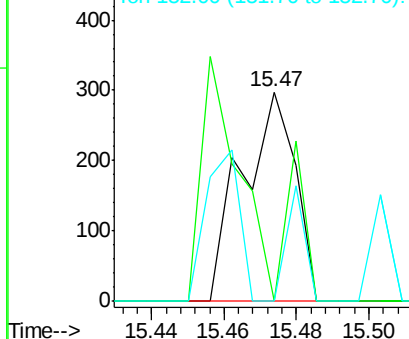


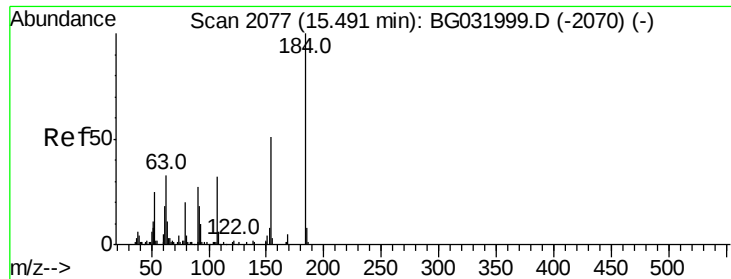
#51
 Acenaphthene
 Concen: 0.030 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Tgt Ion:154 Resp: 300
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.4 135.6#
 152 0.0 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

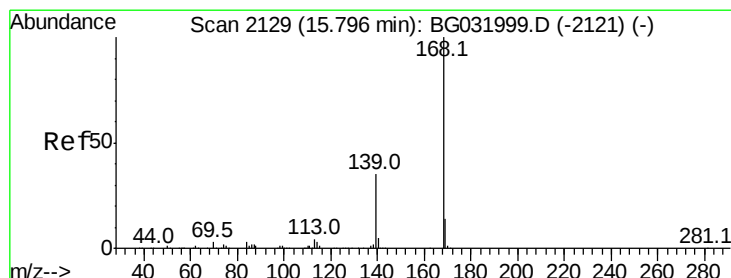
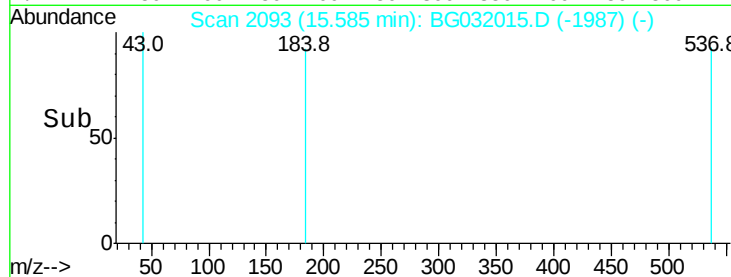
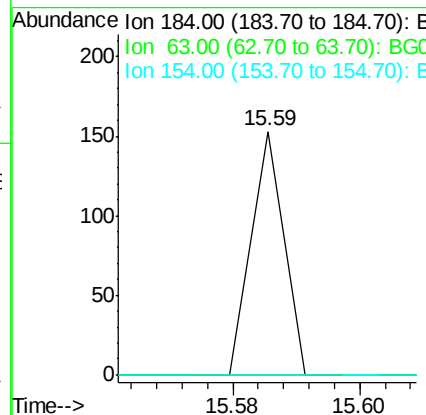
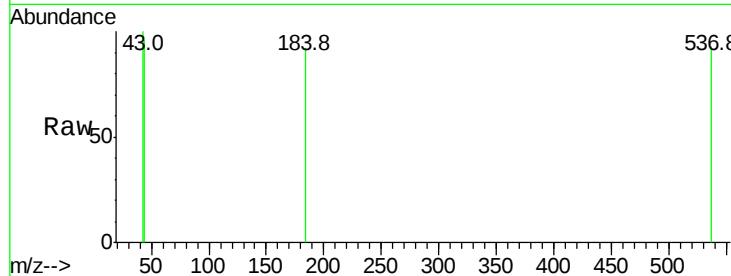




#53
 2,4-Dinitrophenol
 Concen: 7.000 ng
 RT: 15.59 min Scan# 2093
 Delta R.T. 0.10 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

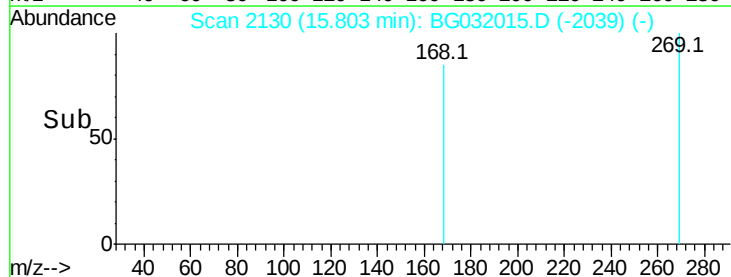
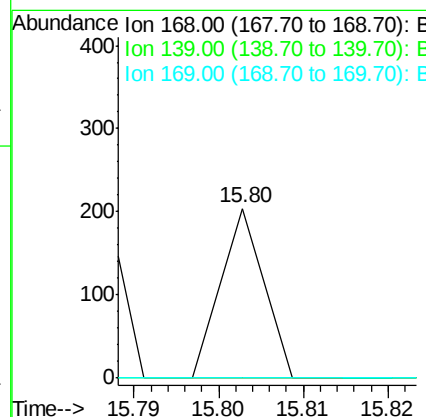
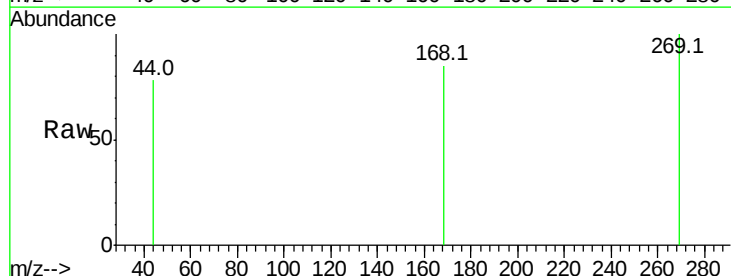
Instrument :
 BNA_G
 ClientSampleId :

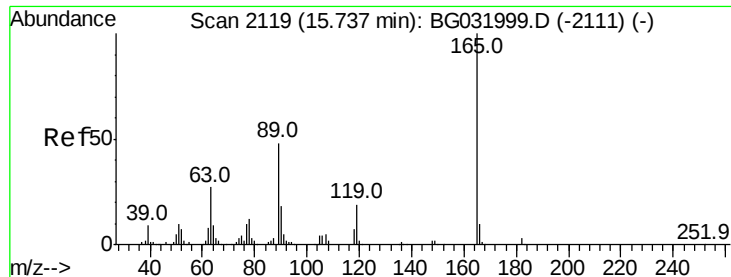
Tot Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#



#54
 Dibenzofuran
 Concen: 0.005 ng
 RT: 15.80 min Scan# 2130
 Delta R.T. 0.01 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	28.6	43.0#
169	0.0	11.2	16.8#

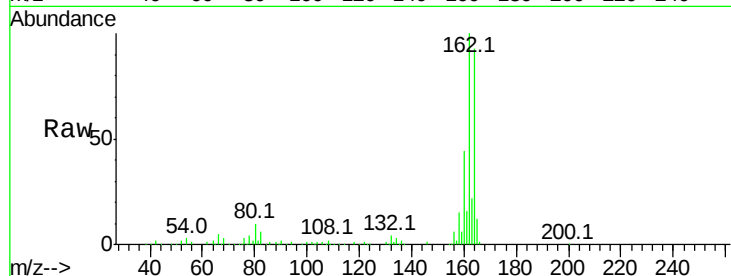




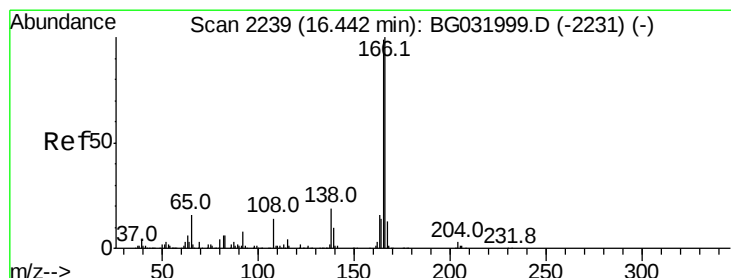
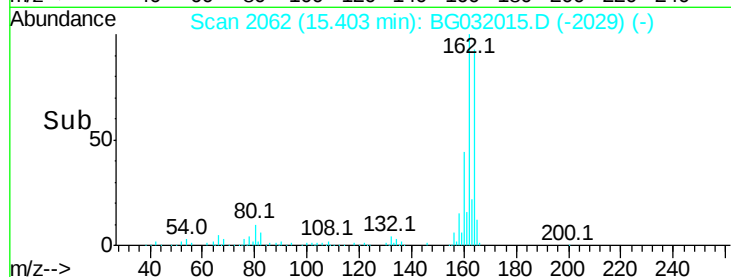
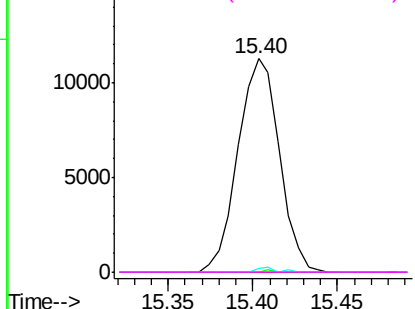
#56
2,4-Dinitrotoluene
Concen: 5.332 ng
RT: 15.40 min Scan# 2062
Delta R.T. -0.33 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 19246
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.6 66.9 100.3#
182 0.0 2.6 3.8#

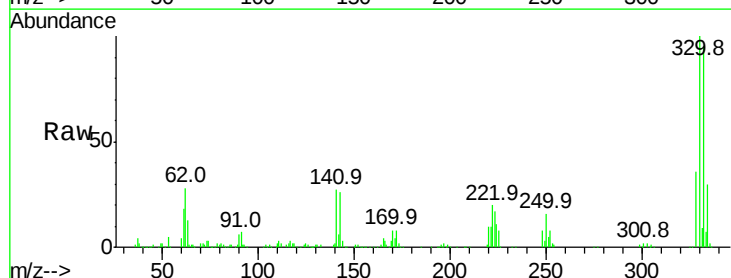


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

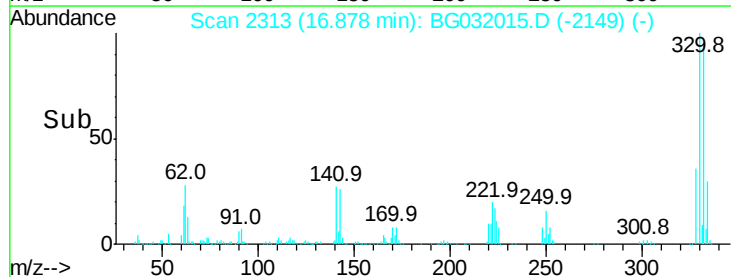
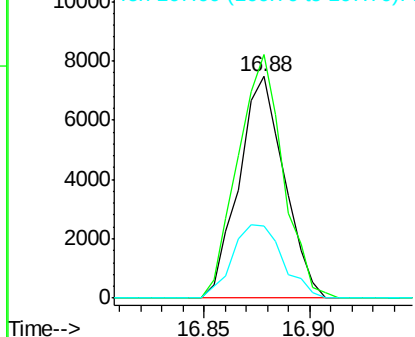


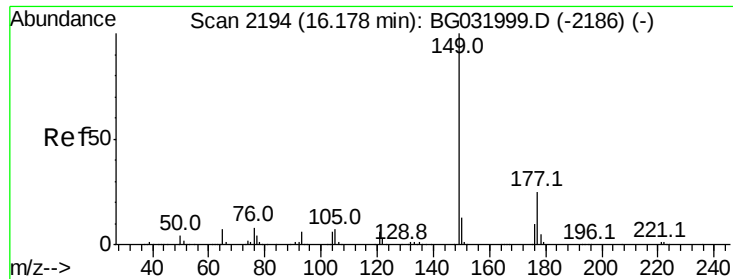
#57
Fluorene
Concen: 0.921 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.44 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion:166 Resp: 11172
Ion Ratio Lower Upper
166 100
165 109.8 80.6 121.0
167 32.6 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

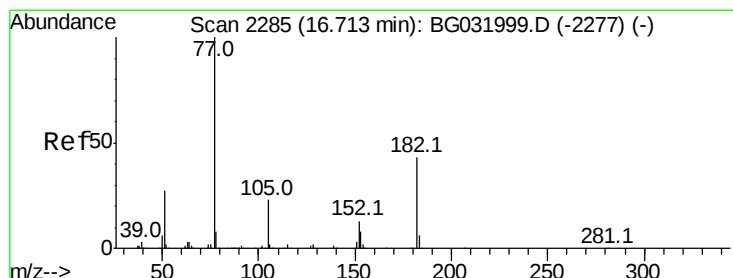
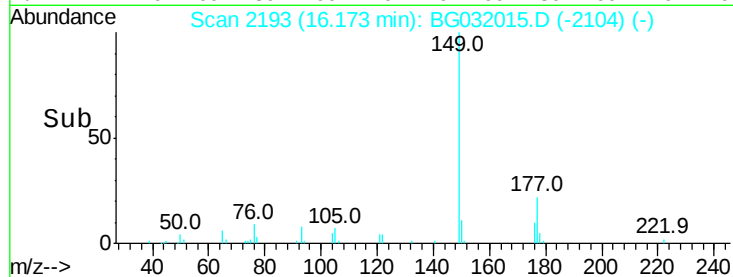
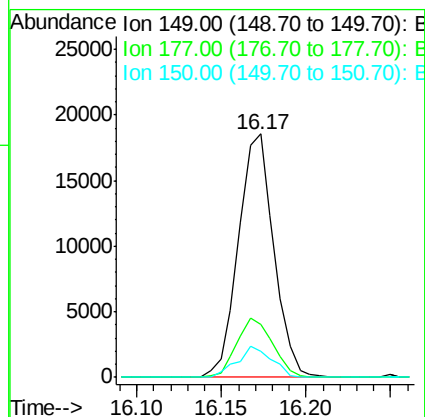
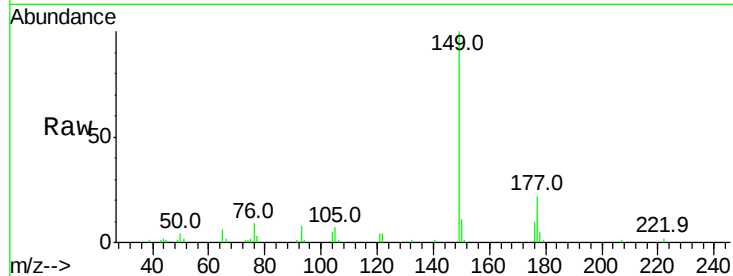




#59
Diethylphthalate
Concen: 2.159 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

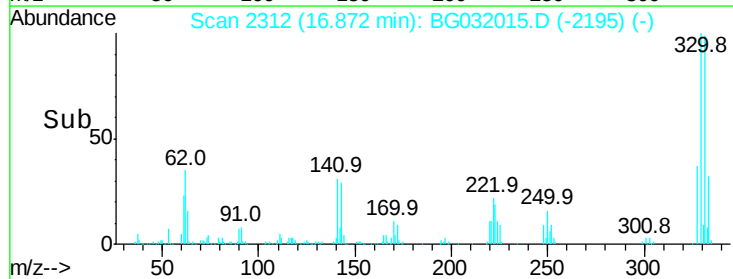
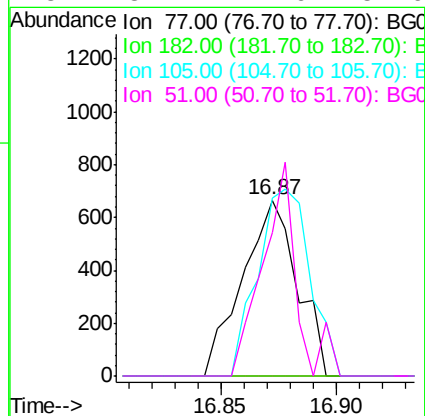
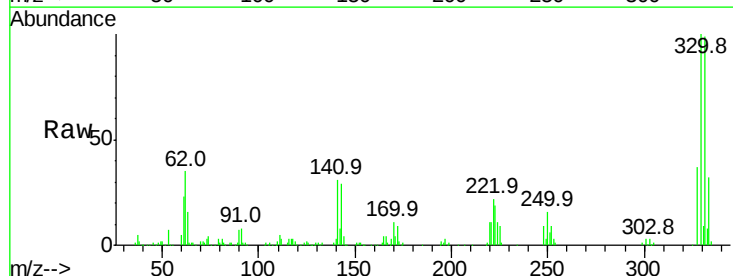
Instrument :
BNA_G
ClientSampled :

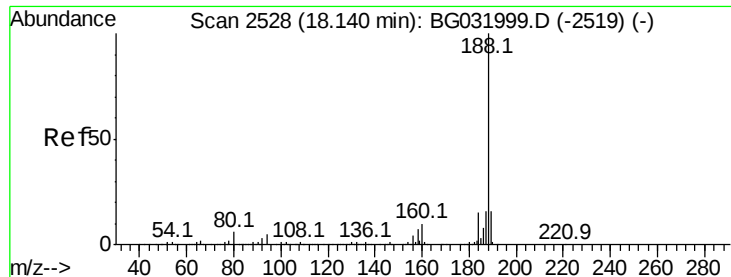
Tot Ion:149 Resp: 27029
Ion Ratio Lower Upper
149 100
177 21.9 18.5 27.7
150 10.7 10.2 15.2



#62
Azobenzene
Concen: 0.141 ng
RT: 16.87 min Scan# 2312
Delta R.T. 0.16 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion: 77 Resp: 1102
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 101.5 0.3 40.3#
51 81.4 11.6 51.6#

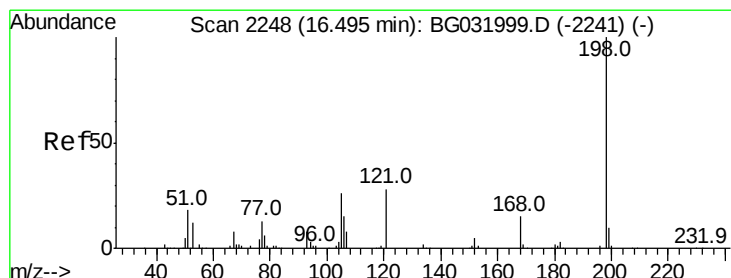
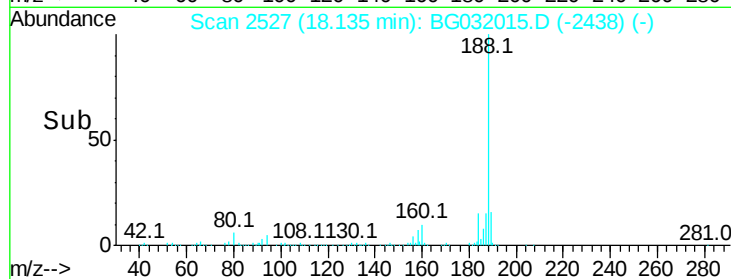
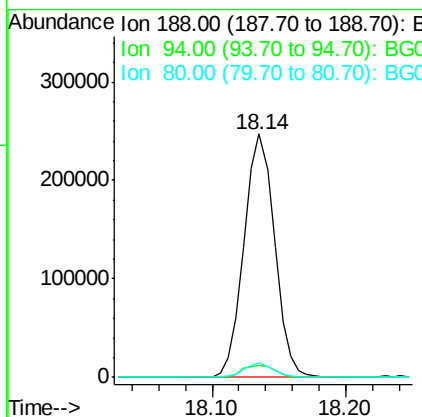
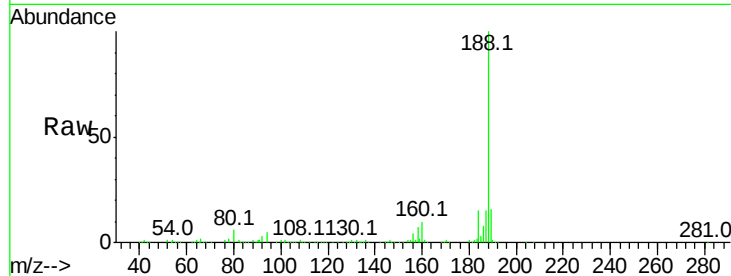




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

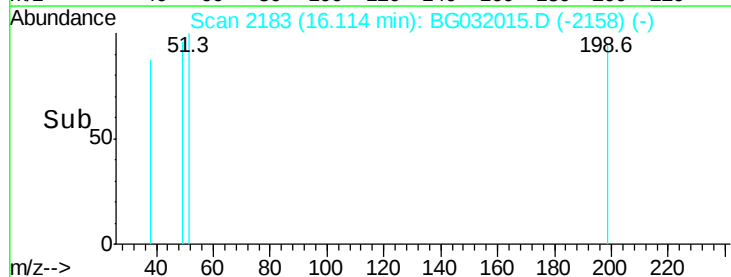
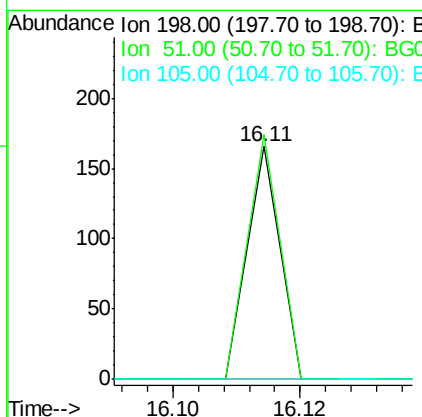
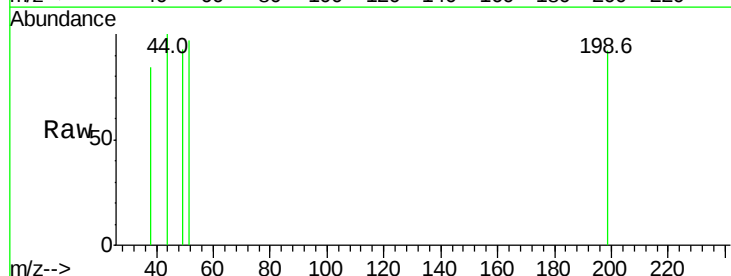
Instrument :
BNA_G
ClientSampleId :

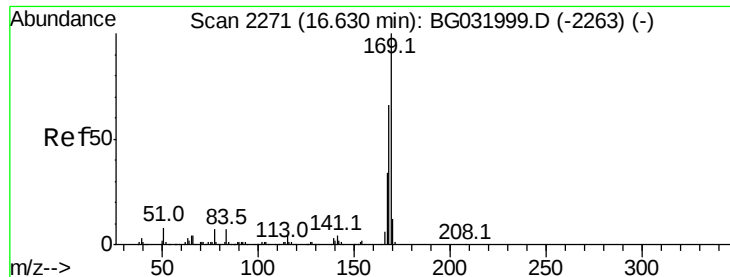
Tot Ion:188 Resp: 391512
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 6.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.905 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.38 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion:198 Resp: 59
Ion Ratio Lower Upper
198 100
51 104.8 30.6 70.6#
105 0.0 23.8 63.8#

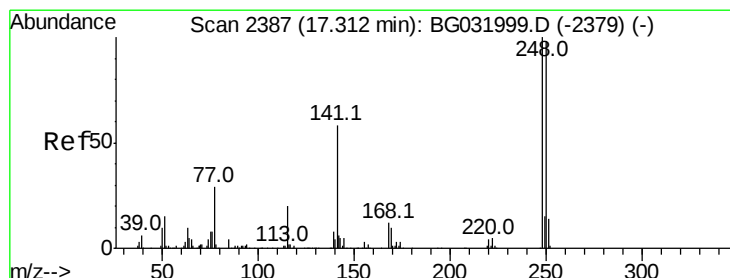
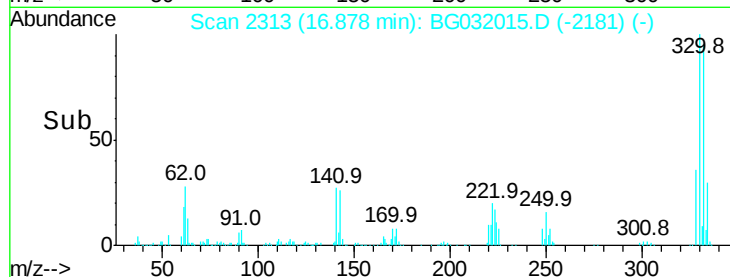
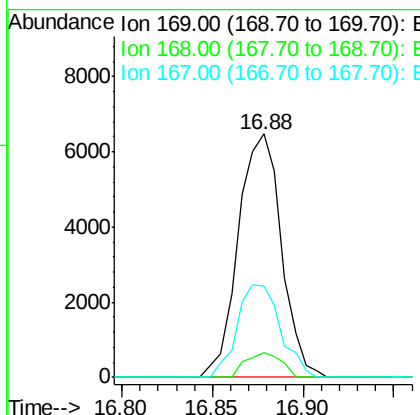
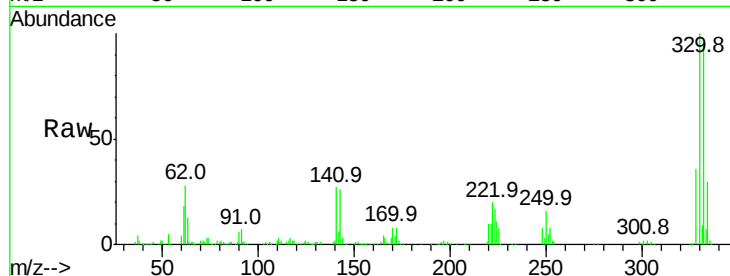




#65
 n-Nitrosodiphenylamine
 Concen: 0.900 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.25 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

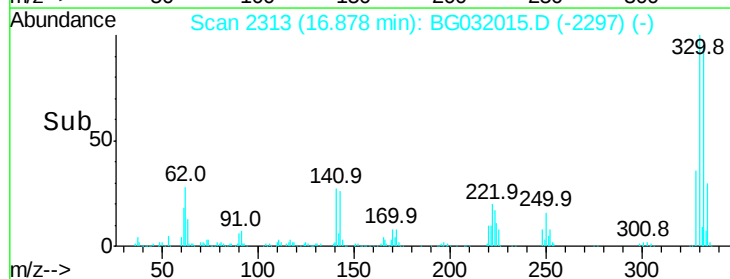
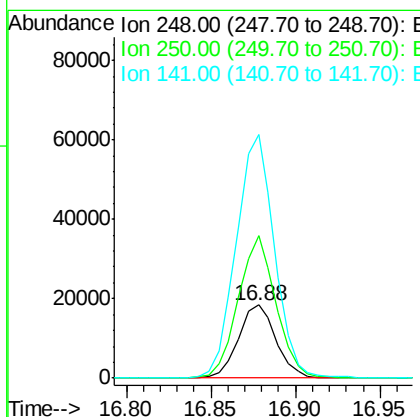
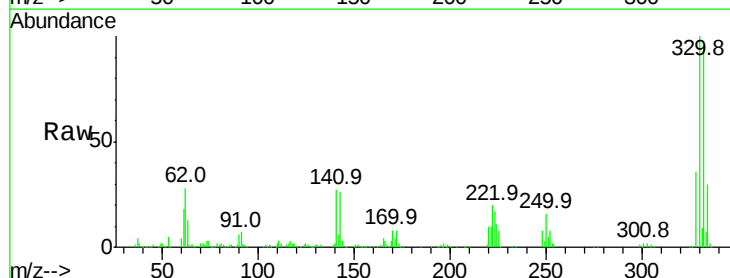
Instrument :
 BNA_G
 ClientSampleId :

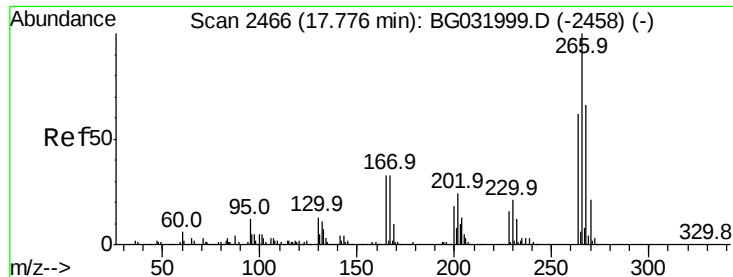
Tot Ion:169 Resp: 10688
 Ion Ratio Lower Upper
 169 100
 168 10.3 55.7 83.5#
 167 37.6 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 5.099 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.43 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Tgt Ion:248 Resp: 28406
 Ion Ratio Lower Upper
 248 100
 250 196.3 77.1 115.7#
 141 334.1 50.8 76.2#





#69

Pentachlorophenol

Concen: 0.016 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.40 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

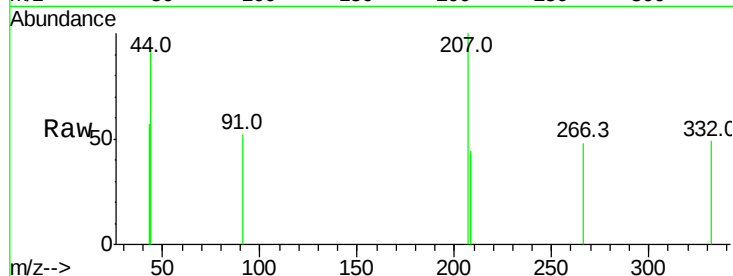
Tot Ion:266 Resp: 62

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

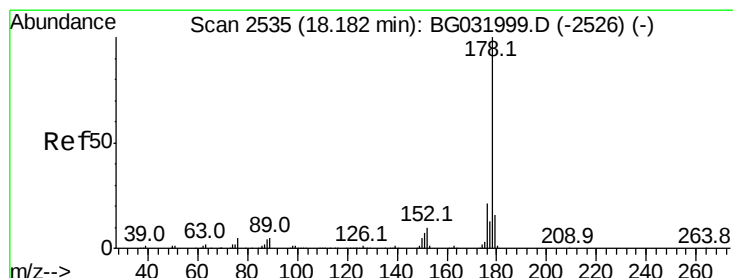
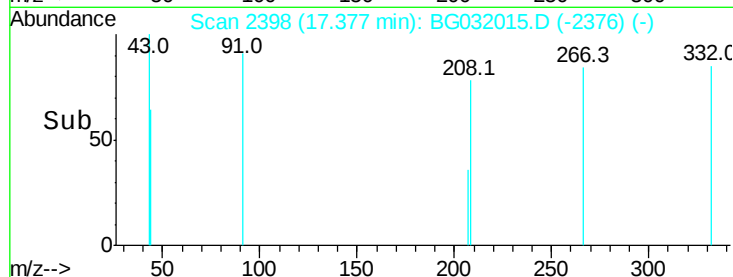
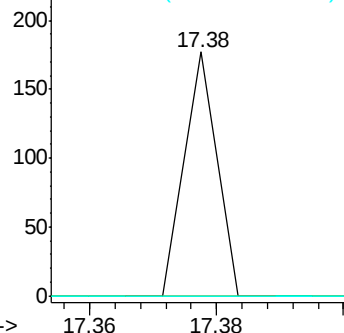
264 0.0 49.6 74.4#



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: 0.056 ng

RT: 18.18 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

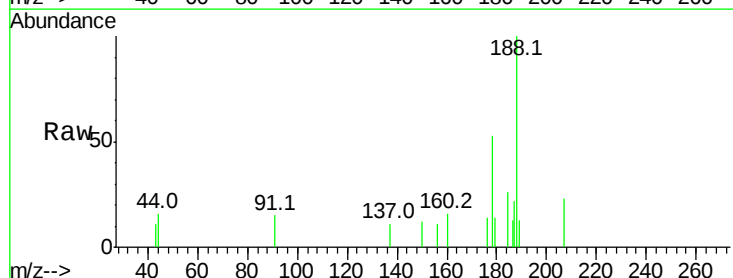
Tgt Ion:178 Resp: 1212

Ion Ratio Lower Upper

178 100

176 26.6 15.7 23.5#

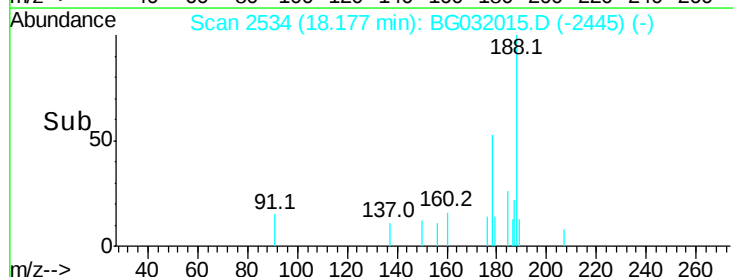
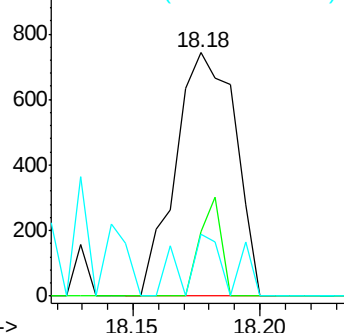
179 25.3 12.5 18.7#

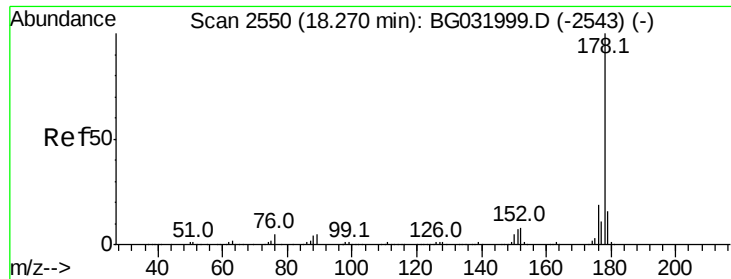


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

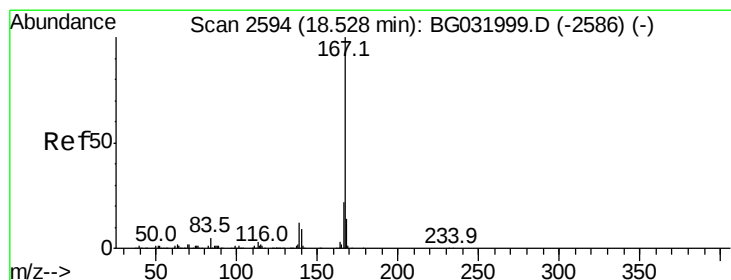
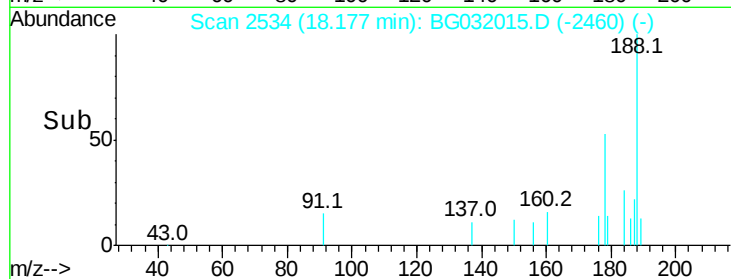
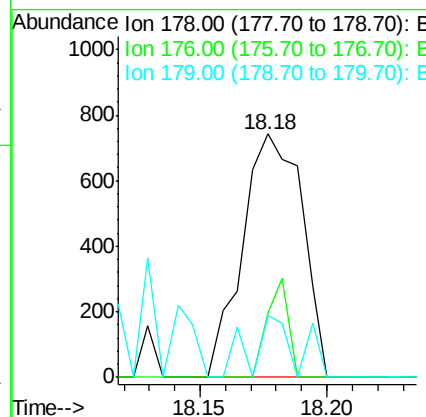
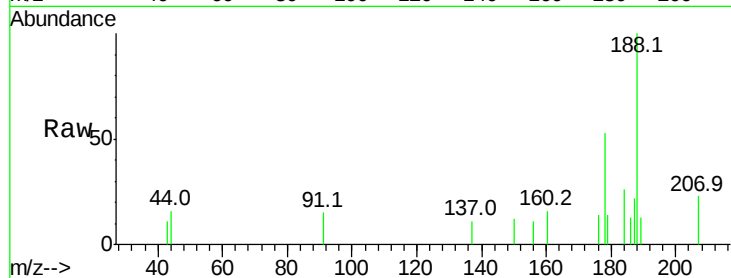




#71
 Anthracene
 Concen: 0.056 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.09 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

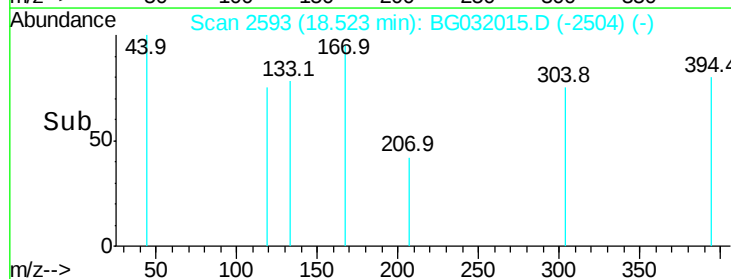
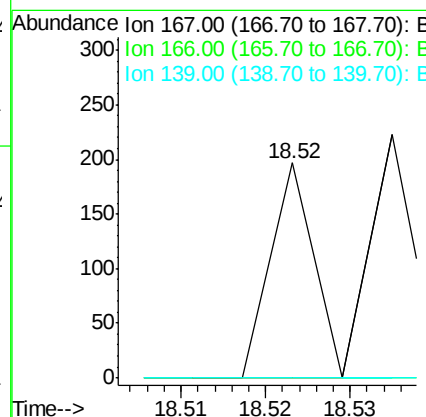
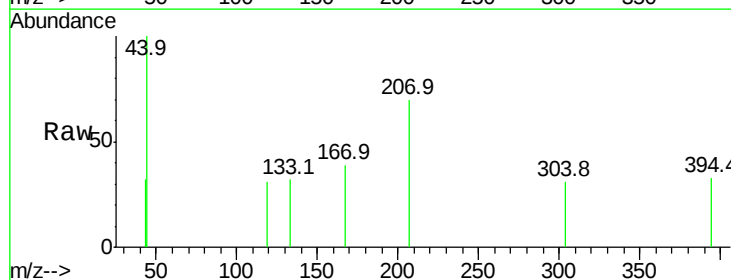
Instrument :
 BNA_G
 ClientSampled :

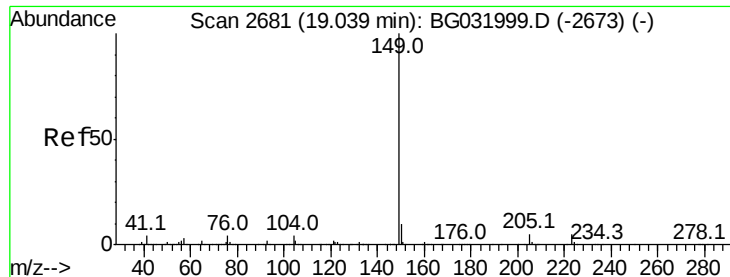
Tot Ion:178 Resp: 1212
 Ion Ratio Lower Upper
 178 100
 176 26.6 16.0 24.0#
 179 25.3 12.5 18.7#



#72
 Carbazole
 Concen: 0.004 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Tgt Ion:167 Resp: 69
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#

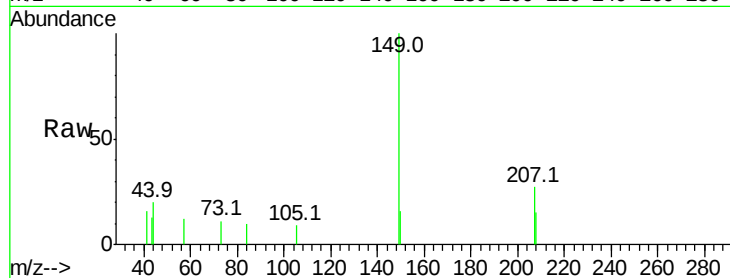




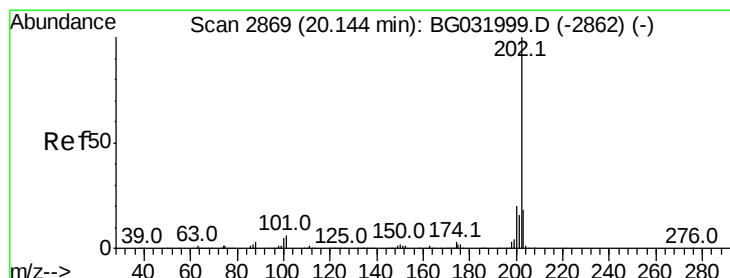
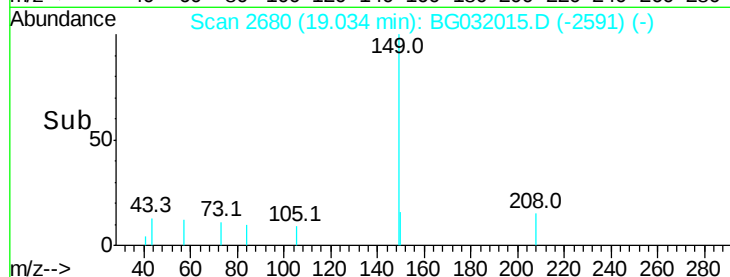
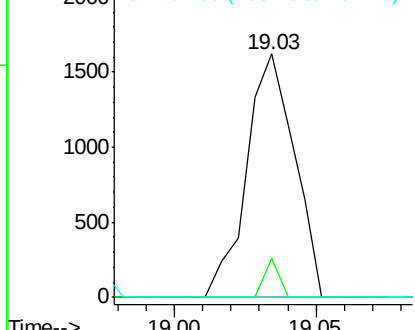
#73
Di-n-butylphthalate
Concen: 0.085 ng
RT: 19.03 min Scan# 2680
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1899
Ion Ratio Lower Upper
149 100
150 15.8 7.8 11.6#
104 0.0 3.9 5.9#

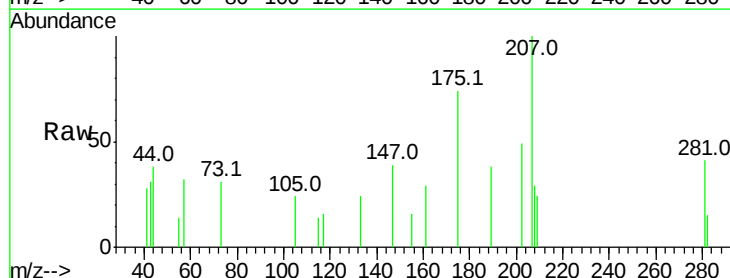


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

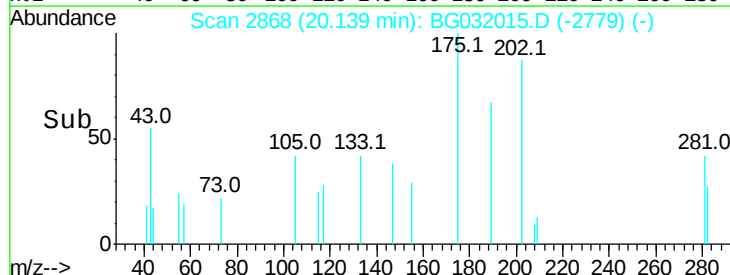
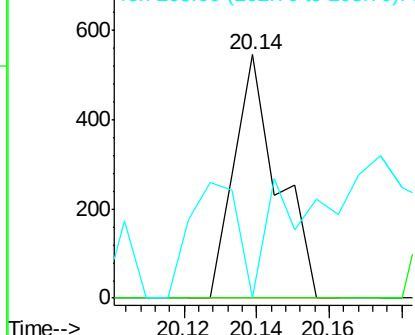


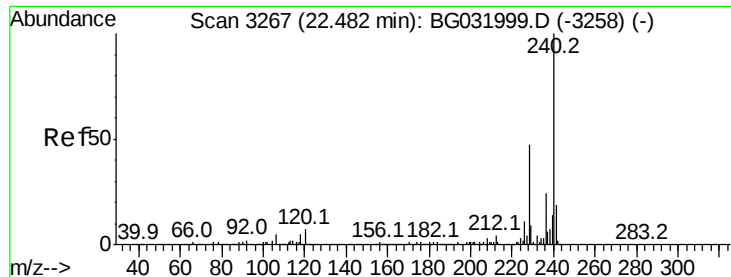
#74
Fluoranthene
Concen: 0.017 ng
RT: 20.14 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion:202 Resp: 460
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.9
203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

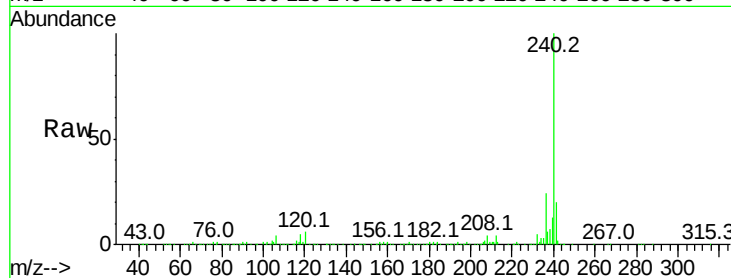
Tot Ion:240 Resp: 457100

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

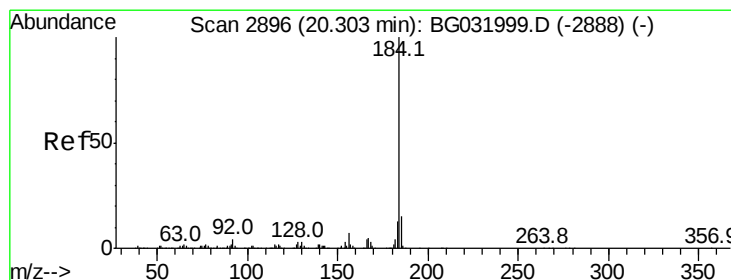
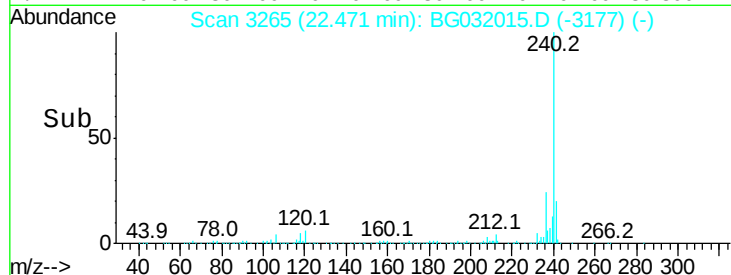
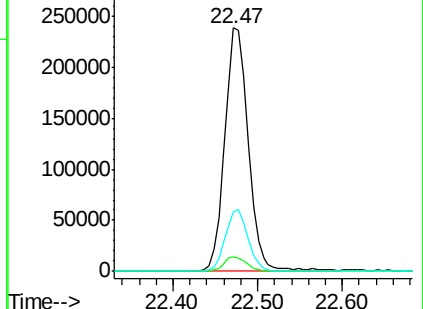
236 24.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.348 ng

RT: 20.67 min Scan# 2958

Delta R.T. 0.37 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

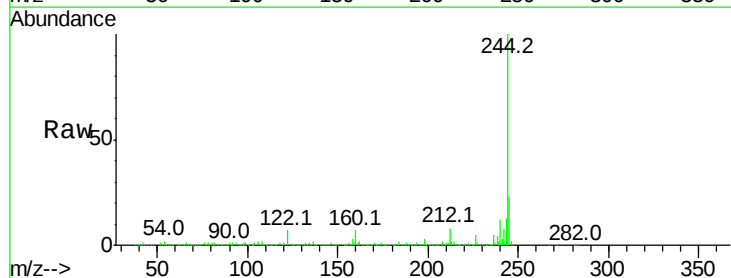
Tgt Ion:184 Resp: 26834

Ion Ratio Lower Upper

184 100

185 19.8 11.1 16.7#

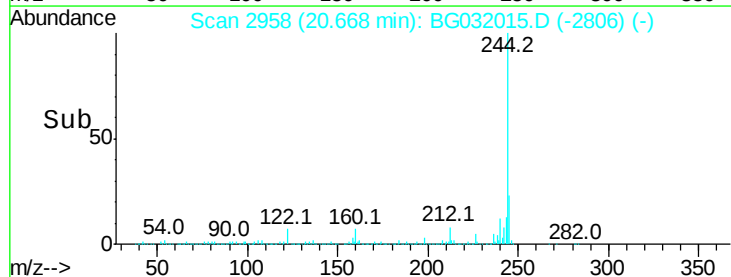
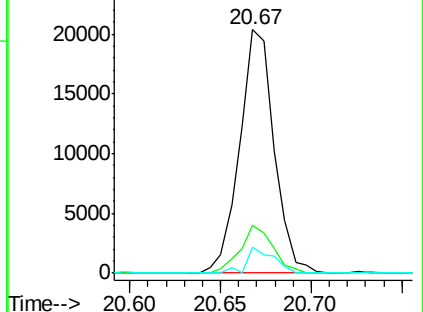
183 10.9 10.6 16.0

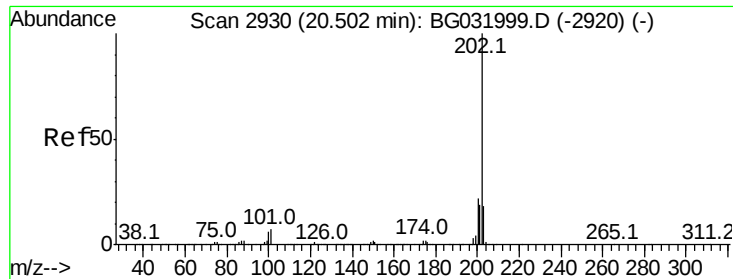


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

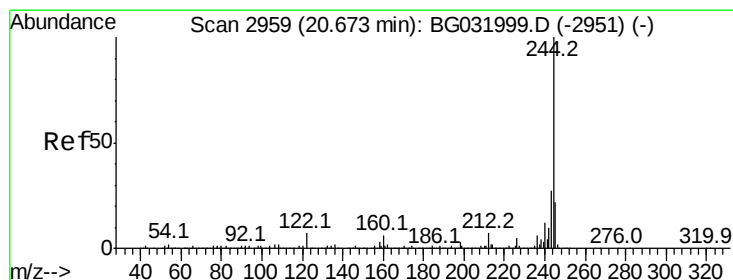
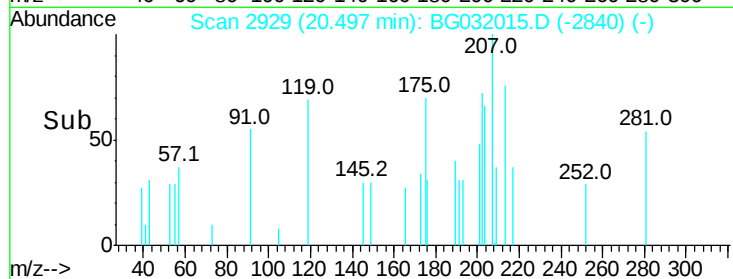
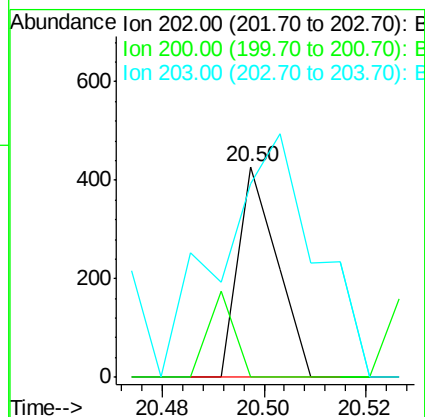
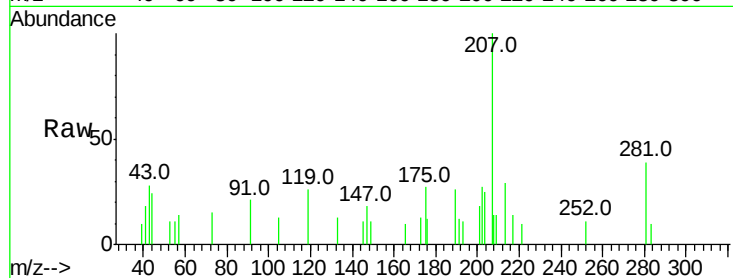




#77
Pvrene
Concen: 0.008 ng
RT: 20.50 min Scan# 2929
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

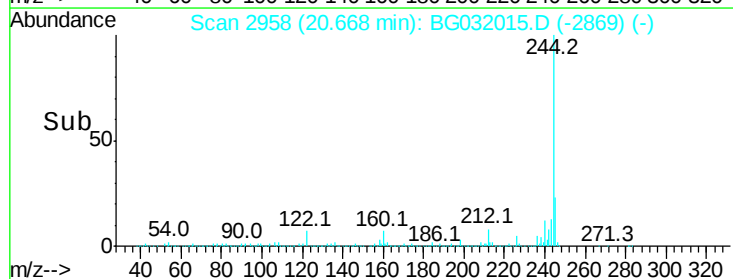
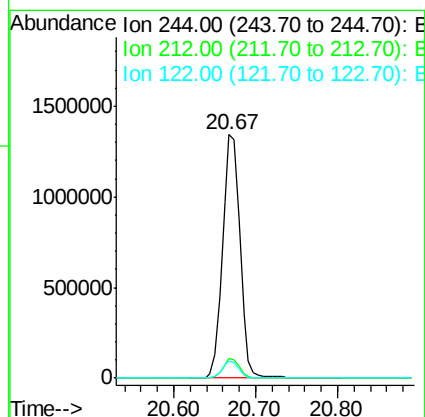
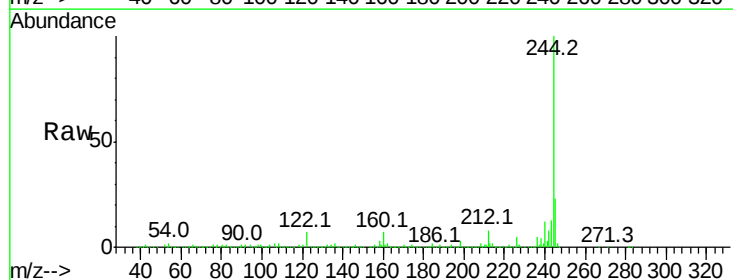
Instrument :
BNA_G
ClientSampleId :

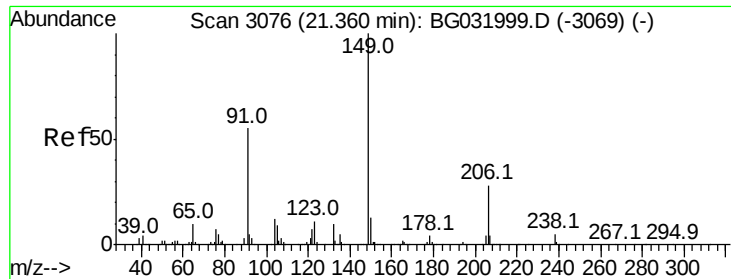
Tot Ion:202 Resp: 228
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 91.8 13.9 20.9#



#78
Terphenyl-d14
Concen: 96.750 ng
RT: 20.67 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BG032015.D
Acq: 12 Jan 2018 23:09

Tgt Ion:244 Resp: 2002882
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 7.2 7.0 10.4

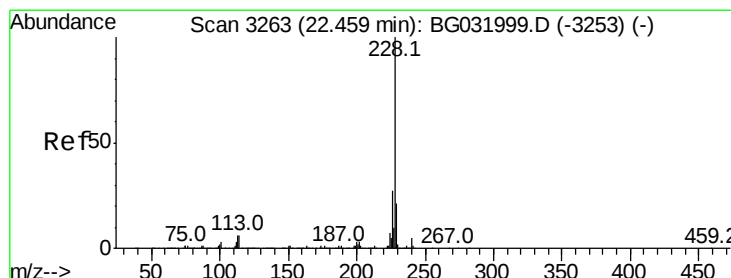
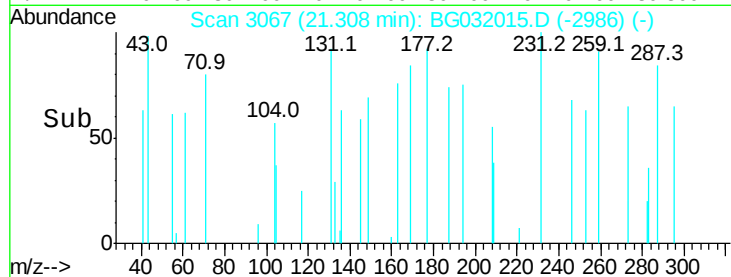
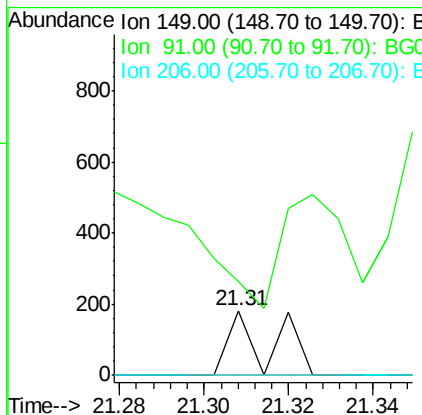
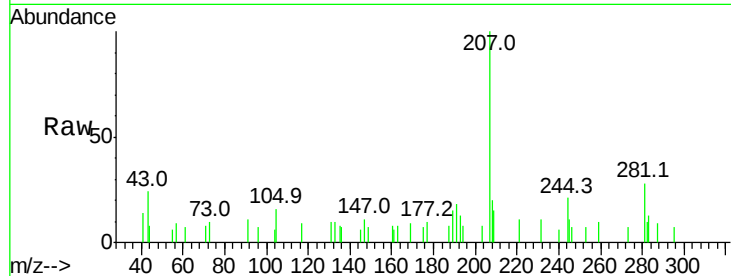




#79
 Butylbenzylphthalate
 Concen: 0.012 ng
 RT: 21.31 min Scan# 3067
 Delta R.T. -0.05 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

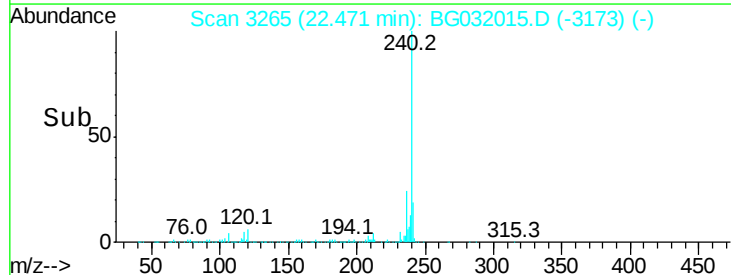
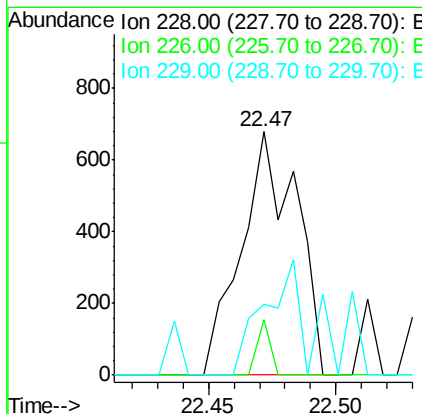
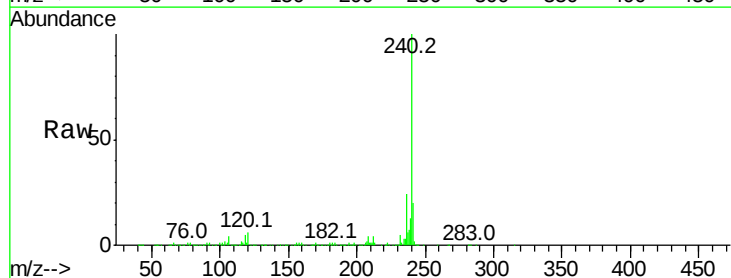
Instrument :
 BNA_G
 ClientSampleId :

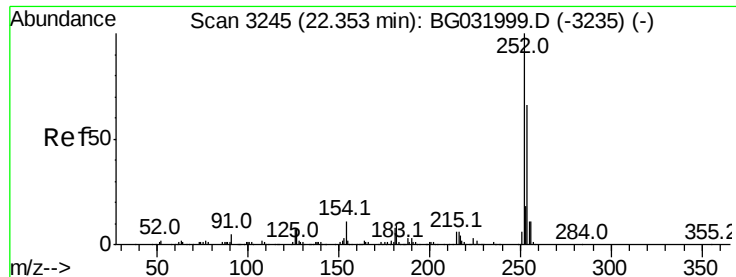
Tot Ion:	149	Resp:	127
Ion Ratio	Lower	Upper	
149	100		
91	145.9	62.2	93.2#
206	0.0	18.6	27.8#



#80
 Benzo(a)anthracene
 Concen: 0.036 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.01 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Tgt Ion:	228	Resp:	1034
Ion Ratio	Lower	Upper	
228	100		
226	22.8	22.7	34.1
229	29.2	16.2	24.2#

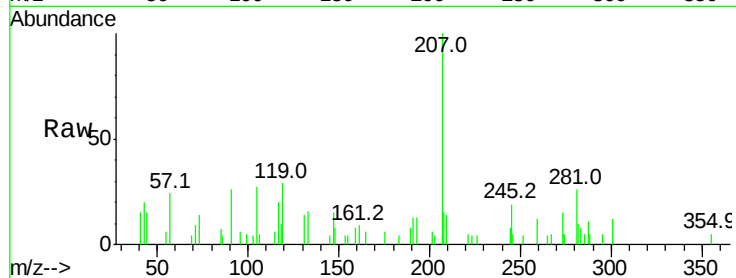




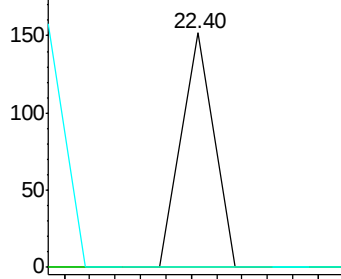
#81
 3,3'-Dichlorobenzidine
 Concen: 0.005 ng
 RT: 22.40 min Scan# 3253
 Delta R.T. 0.05 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Instrument :
 BNA_G
 ClientSampleId :

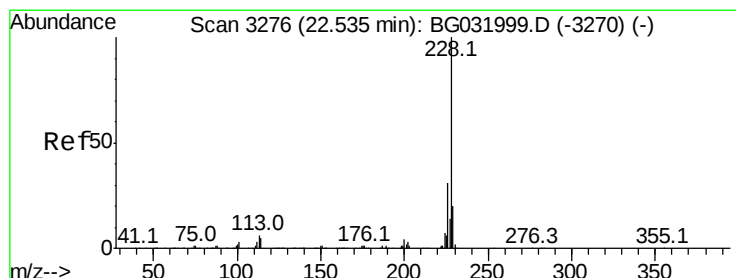
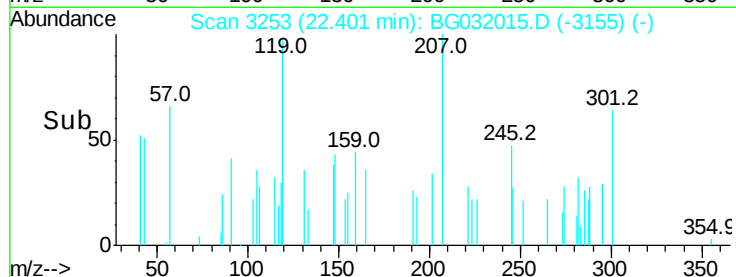
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

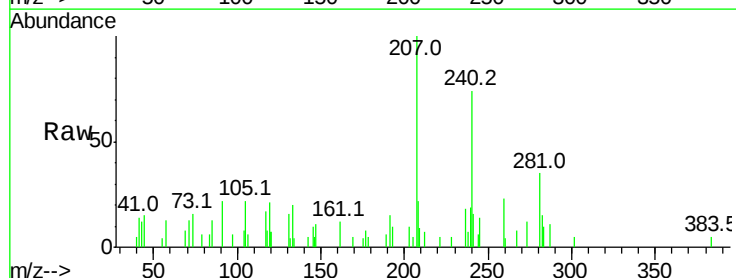


Time--> 22.38 22.40 22.42

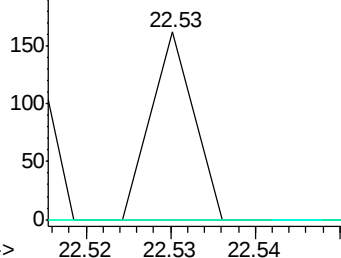


#82
 Chrysene
 Concen: 0.002 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

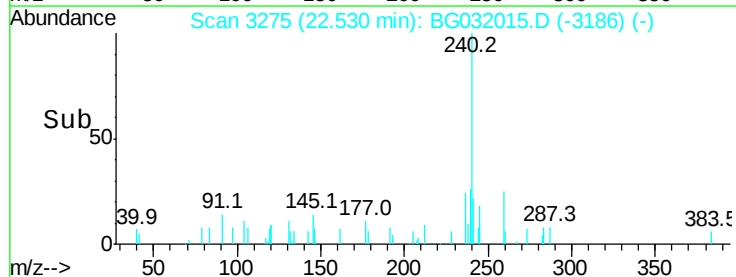
Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#

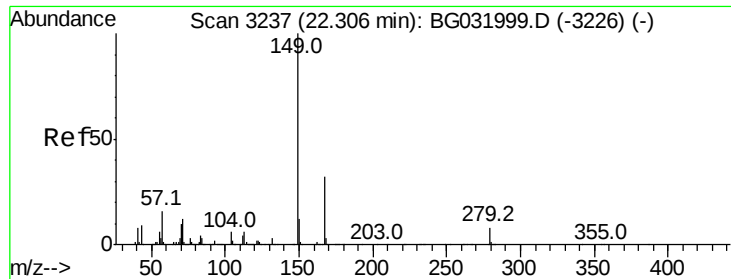


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time--> 22.52 22.53 22.54





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 22.30 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampled :

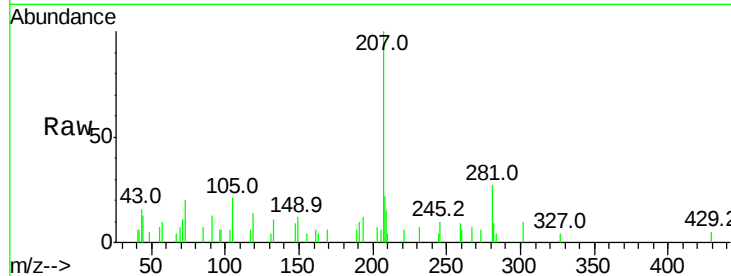
Tot Ion:149 Resp: 683

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

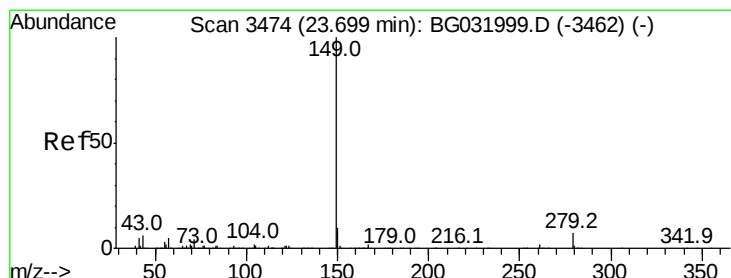
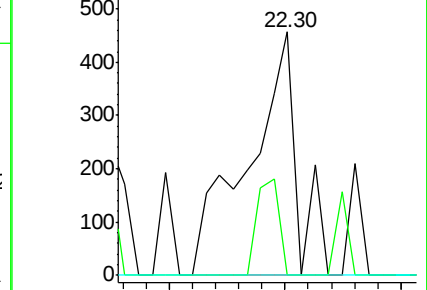
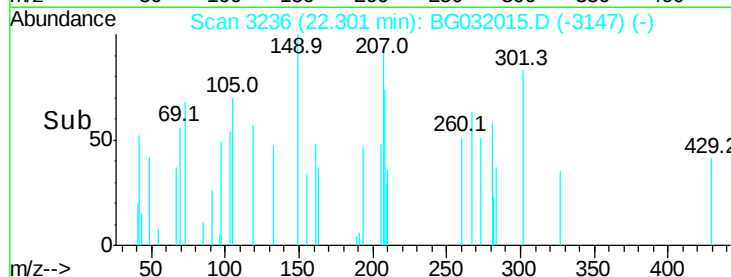
279 0.0 4.0 6.0#



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: 0.009 ng

RT: 23.69 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

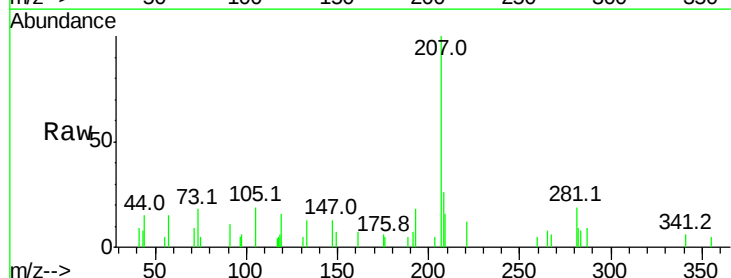
Tgt Ion:149 Resp: 214

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

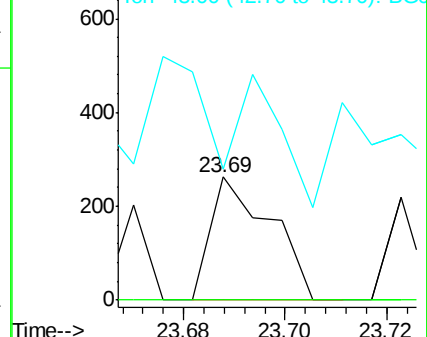
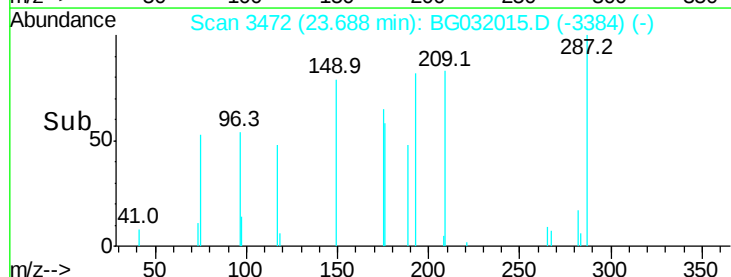
43 0.0 8.9 13.3#

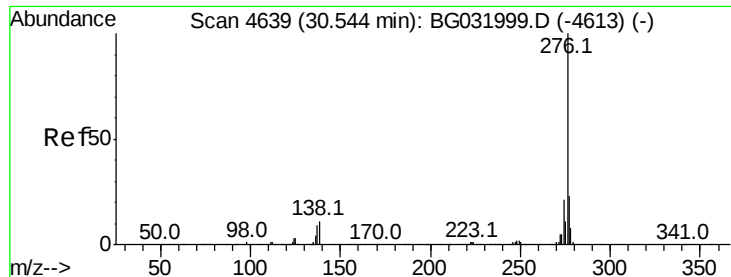


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

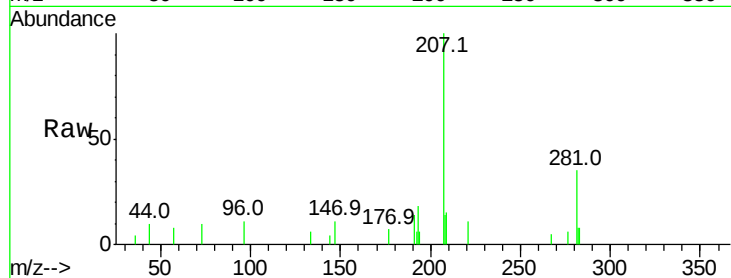




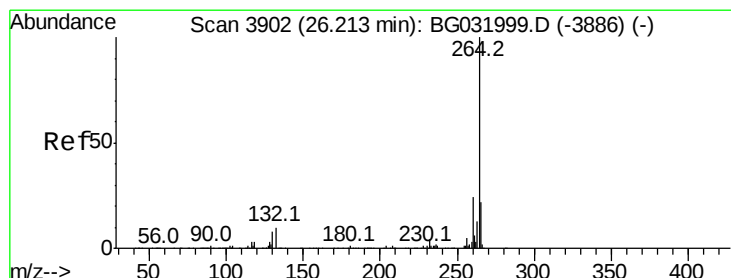
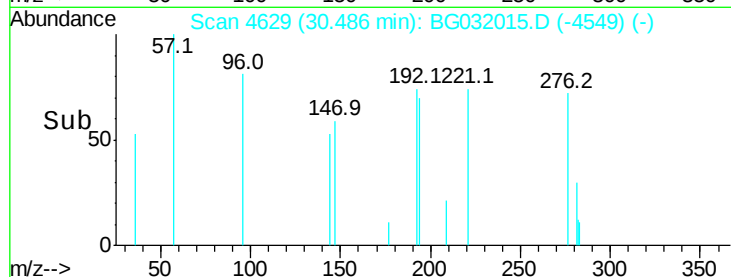
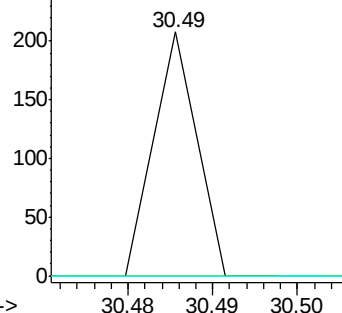
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng
 RT: 30.49 min Scan# 4629
 Delta R.T. -0.06 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#

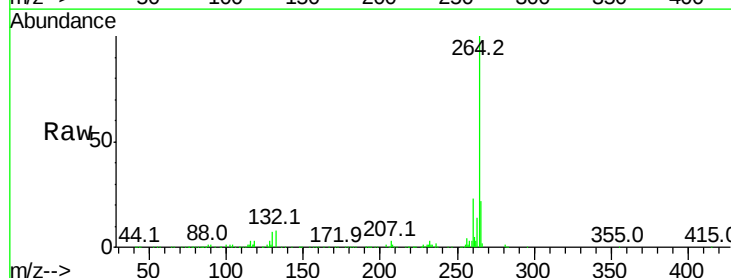


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

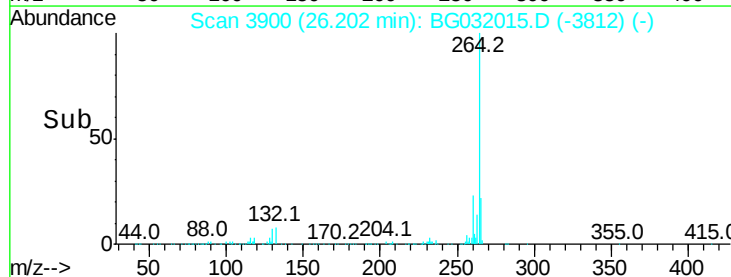
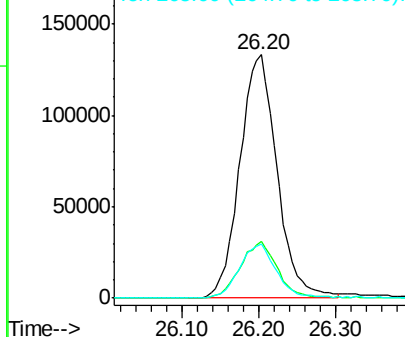


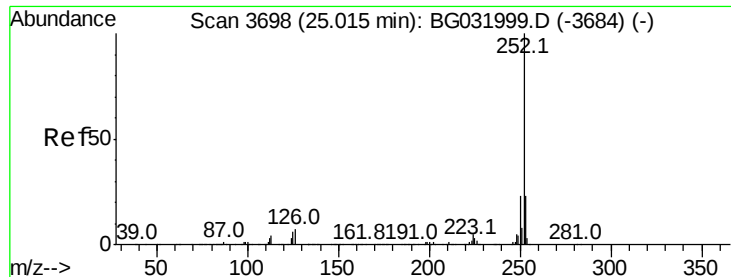
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3900
 Delta R.T. -0.01 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.2	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.007 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

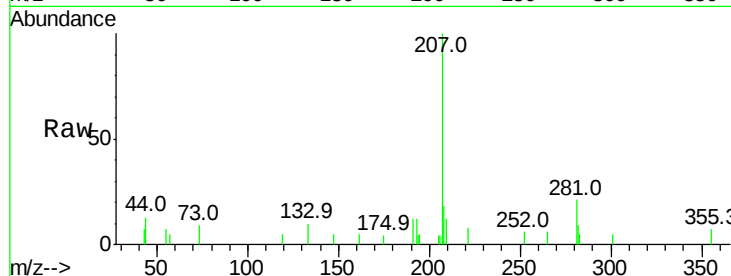
Tot Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

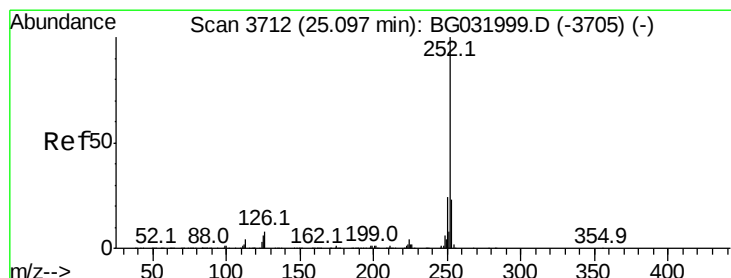
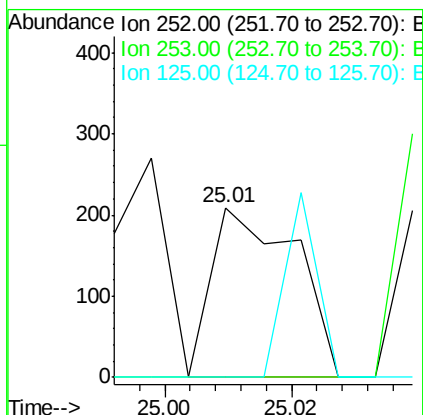
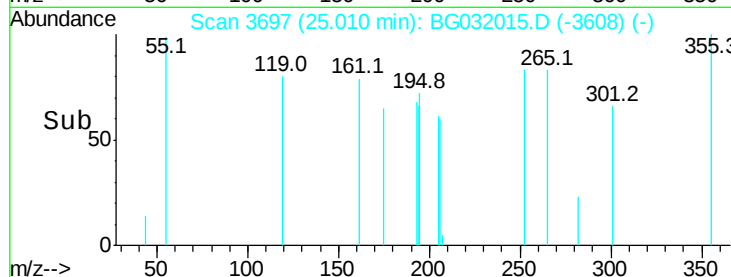
125 0.0 7.2 10.8#



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: 0.003 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

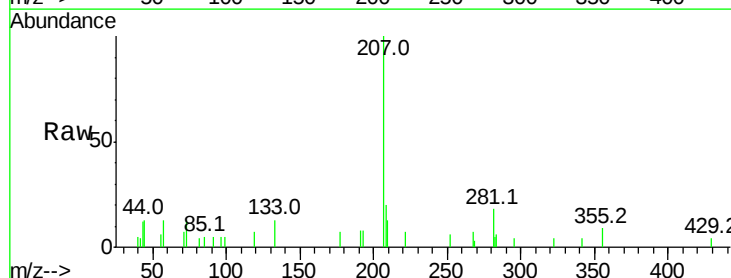
Tgt Ion:252 Resp: 92

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

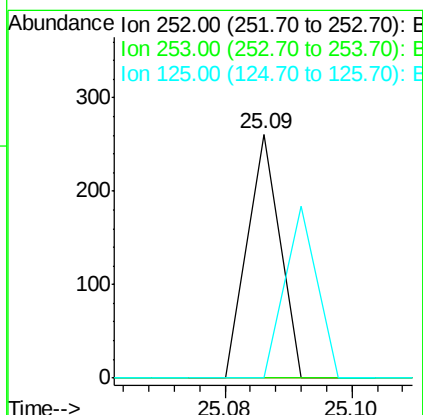
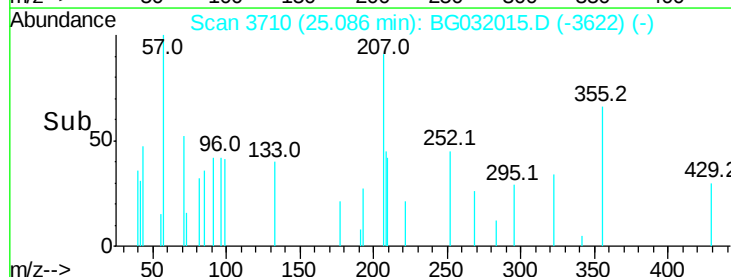
125 0.0 6.6 9.8#

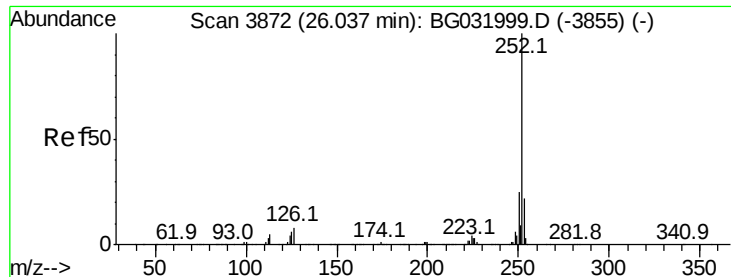


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.003 ng

RT: 26.01 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

Instrument :

BNA_G

ClientSampleId :

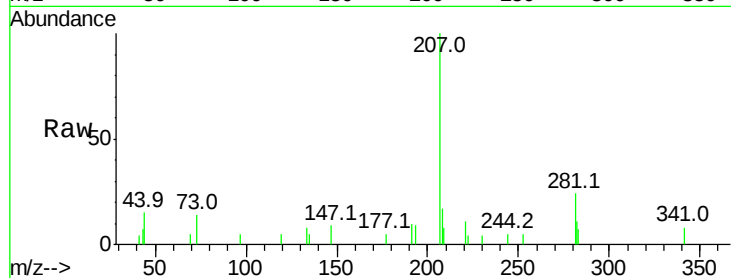
Tot Ion:252 Resp: 69

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

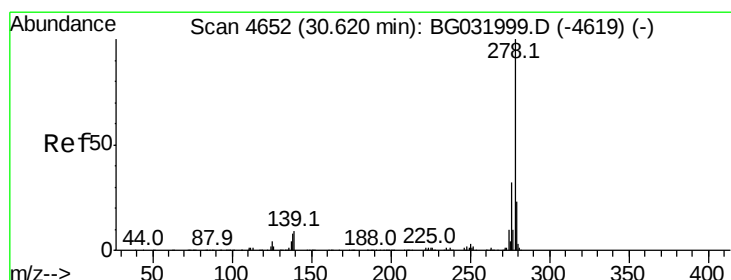
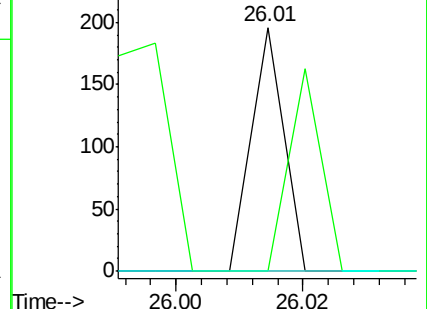
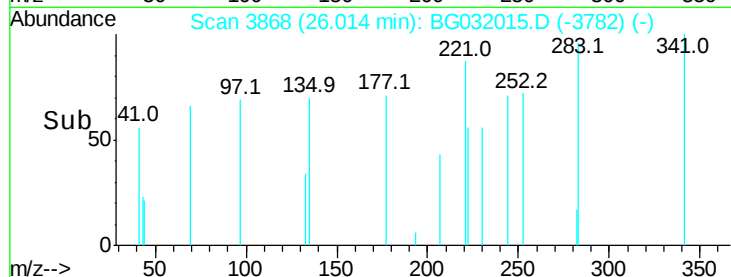
125 0.0 7.3 10.9#



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: 0.002 ng

RT: 30.62 min Scan# 4652

Delta R.T. 0.00 min

Lab File: BG032015.D

Acq: 12 Jan 2018 23:09

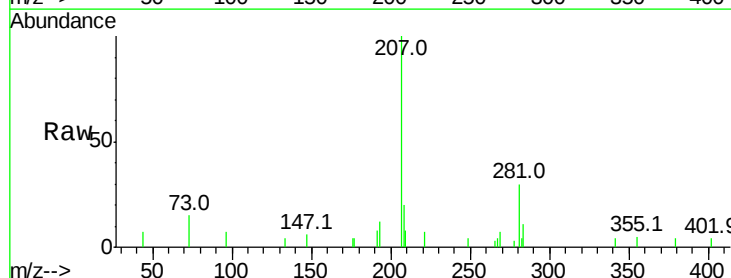
Tgt Ion:278 Resp: 53

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

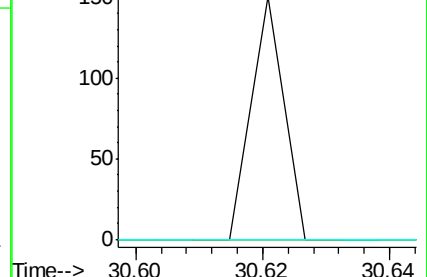
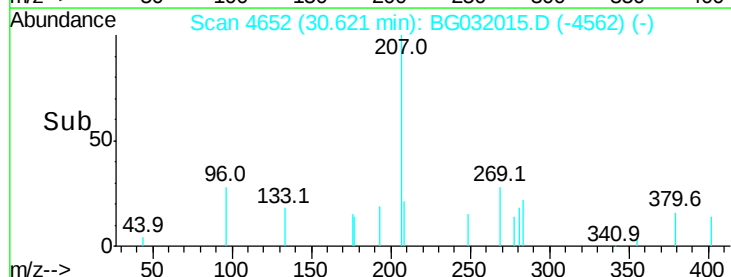
279 0.0 18.4 27.6#

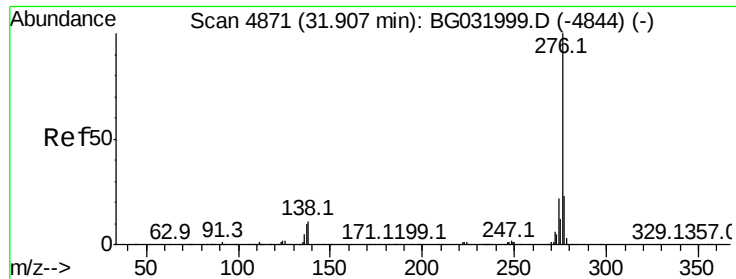


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

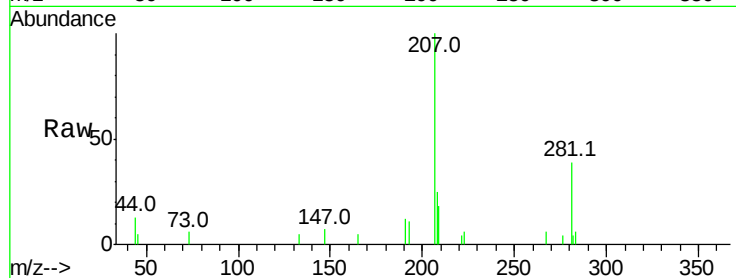




#91
 Benzo(a,h,i)perylene
 Concen: 0.002 ng
 RT: 31.89 min Scan# 4868
 Delta R.T. -0.02 min
 Lab File: BG032015.D
 Acq: 12 Jan 2018 23:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.3	27.5#
138	0.0	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

