

Data Path : U:\HPCHEM1\BNA G\DATA\BG011218\
 Data File : BG032016.D
 Acq On : 12 Jan 2018 23:47
 Operator : SJ/JU
 Sample : J1106-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 13 03:00:01 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	56270	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	246364	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	169997	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	414257	20.00	ng	0.00
75) Chrysene-d12	22.48	240	474771	20.00	ng	0.00
86) Perylene-d12	26.20	264	520661	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	398361	129.48	ng	0.00
7) Phenol-d6	7.88	99	521259	134.52	ng	0.00
23) Nitrobenzene-d5	9.97	82	293648	80.64	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	342799	121.86	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1001258	73.03	ng	0.00
78) Terphenyl-d14	20.67	244	1717664	79.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.85	88	31463	26.619	ng	# 74
3) Pyridine	4.30	79	77211	24.472	ng	# 83
4) n-Nitrosodimethylamine	4.21	42	46105	41.595	ng	# 90
6) Aniline	8.06	93	148447	30.373	ng	92
8) 2-Chlorophenol	8.32	128	147619	42.878	ng	81
9) Benzaldehyde	7.87	77	23594	10.509	ng	# 83
10) Phenol	7.91	94	190642	49.945	ng	95
11) bis(2-Chloroethyl)ether	8.16	93	115961	37.920	ng	# 82
12) 1,3-Dichlorobenzene	8.66	146	158097	35.087	ng	# 94
13) 1,4-Dichlorobenzene	8.81	146	161722	35.647	ng	94
14) 1,2-Dichlorobenzene	9.14	146	155946	35.539	ng	96
15) Benzyl Alcohol	9.00	79	119856	42.579	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.30	45	123061	39.598	ng	87
17) 2-Methylphenol	9.20	107	122035	41.835	ng	98
18) Hexachloroethane	9.90	117	51472	36.916	ng	# 82
19) n-Nitroso-di-n-propylamine	9.59	70	94845	39.450	ng	# 84
20) 3+4-Methylphenols	9.54	107	166539	41.211	ng	98
22) Acetophenone	9.62	105	215733	38.550	ng	# 88
24) Nitrobenzene	10.02	77	139105	38.296	ng	# 88
25) Isophorone	10.54	82	277646	40.947	ng	# 88
26) 2-Nitrophenol	10.74	139	88569	41.151	ng	# 81
27) 2,4-Dimethylphenol	10.77	122	154472	45.228	ng	91
28) bis(2-Chloroethoxy)methane	11.02	93	171628	42.011	ng	# 96
29) 2,4-Dichlorophenol	11.28	162	179541	42.721	ng	90
30) 1,2,4-Trichlorobenzene	11.51	180	199551	36.766	ng	97
31) Naphthalene	11.71	128	458001	37.528	ng	98
32) Benzoic acid	10.90	122	87706	33.762	ng	# 81
33) 4-Chloroaniline	11.80	127	134896	25.776	ng	# 92
34) Hexachlorobutadiene	11.98	225	134694	34.552	ng	97
35) Caprolactam	12.55	113	55616	43.622	ng	# 52
36) 4-Chloro-3-methylphenol	12.87	107	167508	43.546	ng	87
37) 2-Methylnaphthalene	13.27	142	382570	39.484	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	276039	37.251	ng	# 96
40) Hexachlorocyclopentadiene	13.60	237	343551	82.314	ng	90

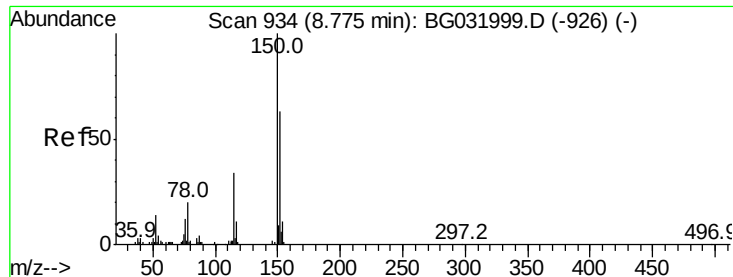
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	174858	41.997	ng	97
43) 2,4,5-Trichlorophenol	13.92	196	185396	38.469	ng	# 90
45) 1,1'-Biphenyl	14.25	154	547345	37.558	ng	95
46) 2-Chloronaphthalene	14.30	162	420570	37.096	ng	96
47) 2-Nitroaniline	14.48	65	89843	41.395	ng	# 66
48) Acenaphthylene	15.13	152	625546	36.234	ng	99
49) Dimethylphthalate	14.83	163	656077	44.103	ng	99
50) 2,6-Dinitrotoluene	14.96	165	124077	40.183	ng	# 67
51) Acenaphthene	15.47	154	477726	41.848	ng	97
52) 3-Nitroaniline	15.29	138	88107	31.593	ng	# 71
53) 2,4-Dinitrophenol	15.49	184	153727	97.572	ng	# 67
54) Dibenzofuran	15.80	168	654113	38.410	ng	99
55) 4-Nitrophenol	15.57	139	184427	90.743	ng	# 74
56) 2,4-Dinitrotoluene	15.74	165	176884	42.549	ng	# 63
57) Fluorene	16.44	166	521004	37.303	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	196470	44.068	ng	# 84
59) Diethylphthalate	16.18	149	535447	37.128	ng	97
60) 4-Chlorophenyl-phenylether	16.42	204	324886	37.920	ng	91
61) 4-Nitroaniline	16.45	138	106424	39.781	ng	83
62) Azobenzene	16.71	77	344453	38.160	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	100819	39.038	ng	# 69
65) n-Nitrosodiphenylamine	16.63	169	481451	38.301	ng	99
66) 4-Bromophenyl-phenylether	17.31	248	230000	39.022	ng	94
67) Hexachlorobenzene	17.44	284	238524	36.578	ng	# 88
68) Atrazine	17.55	200	212930	40.279	ng	96
69) Pentachlorophenol	17.78	266	316151	75.850	ng	99
70) Phenanthrene	18.18	178	872681	37.837	ng	99
71) Anthracene	18.27	178	884739	38.460	ng	98
72) Carbazole	18.53	167	762093	38.189	ng	99
73) Di-n-butylphthalate	19.03	149	876928	37.189	ng	99
74) Fluoranthene	20.14	202	1091491	37.797	ng	95
76) Benzidine	20.30	184	269919	22.735	ng	100
77) Pyrene	20.50	202	1115074	37.361	ng	99
79) Butylbenzylphthalate	21.36	149	405447	37.915	ng	# 74
80) Benzo(a)anthracene	22.46	228	1134609	38.427	ng	99
81) 3,3'-Dichlorobenzidine	22.35	252	368448	33.405	ng	# 97
82) Chrysene	22.53	228	1061462	37.433	ng	98
83) Bis(2-ethylhexyl)phthalate	22.30	149	576788	36.783	ng	# 98
84) Di-n-octyl phthalate	23.69	149	982851	39.464	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1380488	39.781	ng	# 89
87) Benzo(b)fluoranthene	25.01	252	1207368	38.364	ng	# 97
88) Benzo(k)fluoranthene	25.09	252	1177369	38.285	ng	# 96
89) Benzo(a)pyrene	26.02	252	1161570	39.017	ng	# 96
90) Dibenzo(a,h)anthracene	30.60	278	1122411	39.125	ng	# 96
91) Benzo(g,h,i)perylene	31.88	276	1157599	39.479	ng	# 94

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

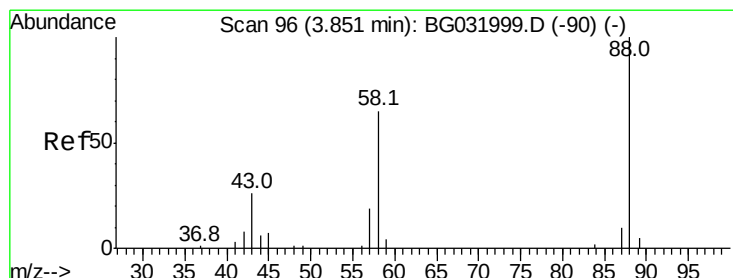
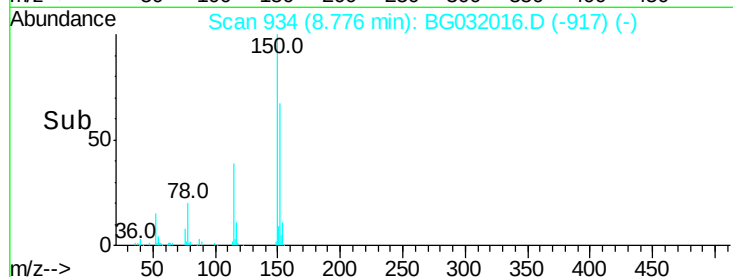
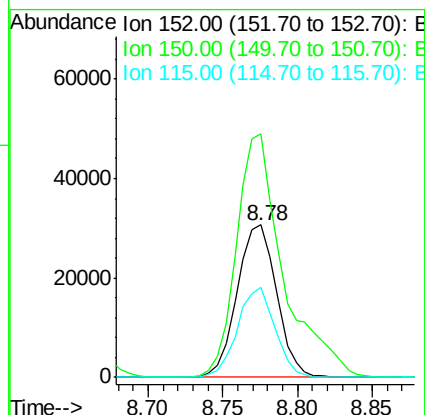
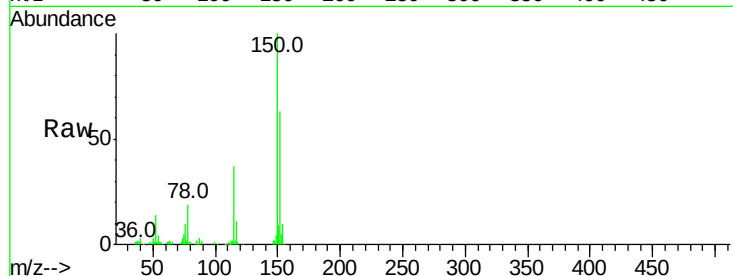


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

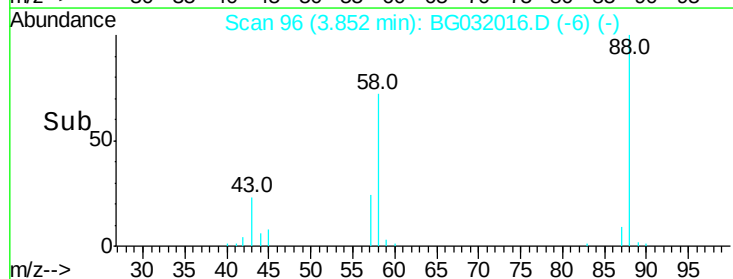
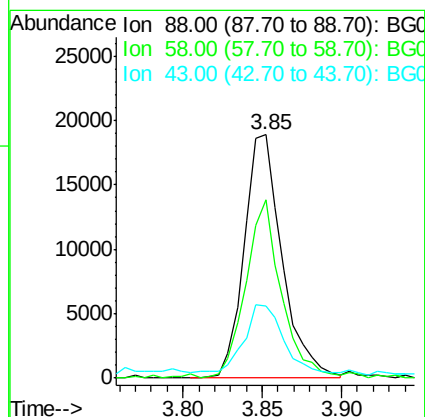
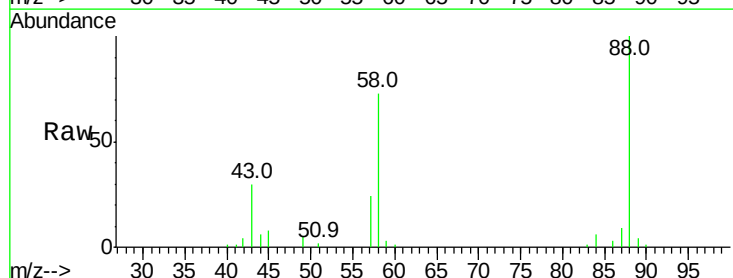
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.6	189.8
115	58.8	53.0	79.4

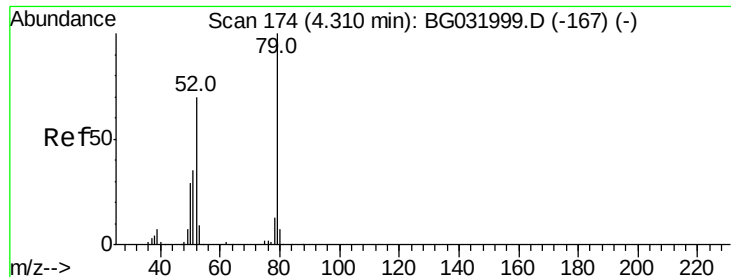


#2

1,4-Dioxane
Concen: 26.619 ng
RT: 3.85 min Scan# 96
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	79.6	119.4#
43	27.3	27.4	41.0#

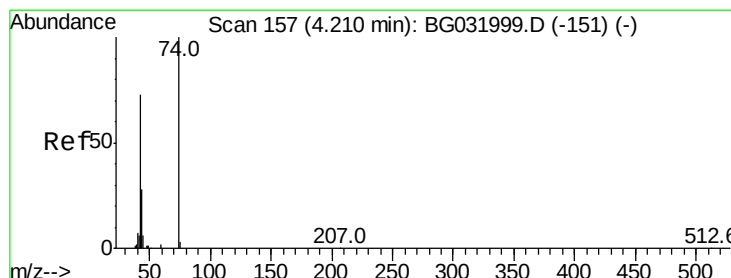
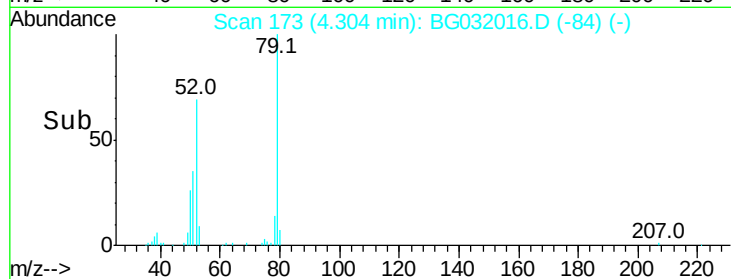
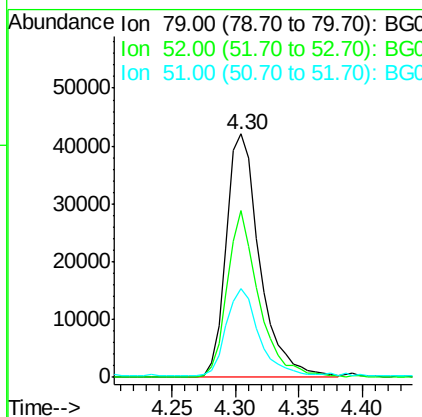
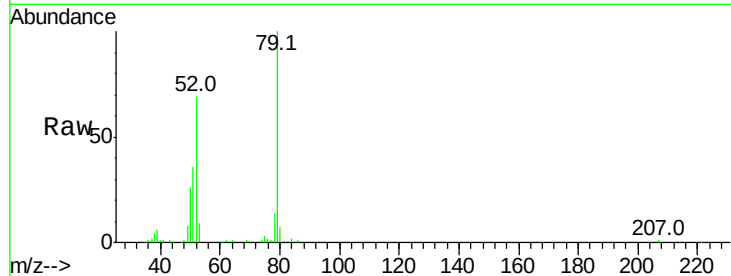




#3
 Pvridine
 Concen: 24.472 ng
 RT: 4.30 min Scan# 173
 Delta R.T. -0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

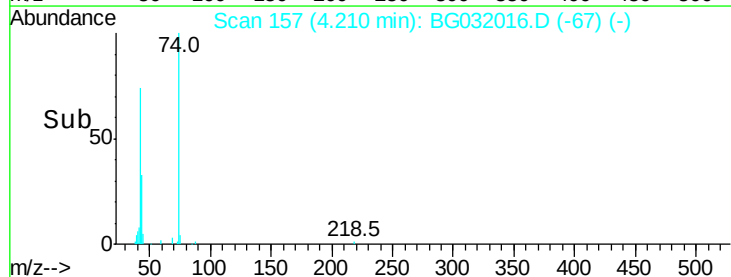
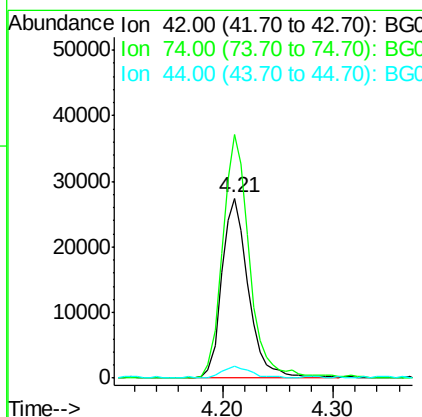
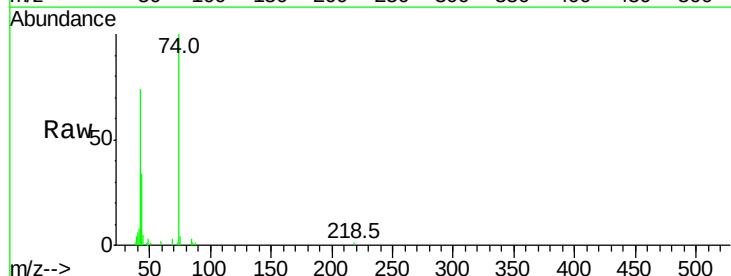
Instrument :
 BNA_G
 ClientSampleId :

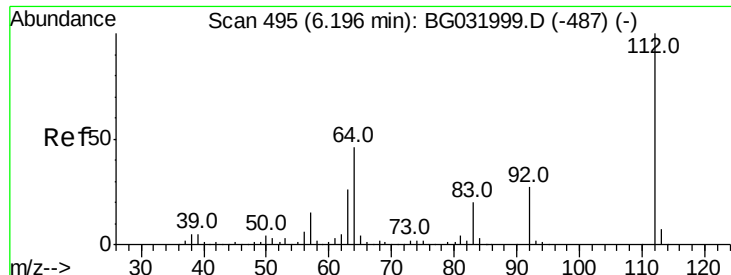
Tot Ion: 79 Resp: 77211
 Ion Ratio Lower Upper
 79 100
 52 68.6 69.9 104.9#
 51 36.2 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 41.595 ng
 RT: 4.21 min Scan# 157
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion: 42 Resp: 46105
 Ion Ratio Lower Upper
 42 100
 74 135.1 102.5 153.7
 44 6.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 129.479 ng

RT: 6.20 min Scan# 495

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampled :

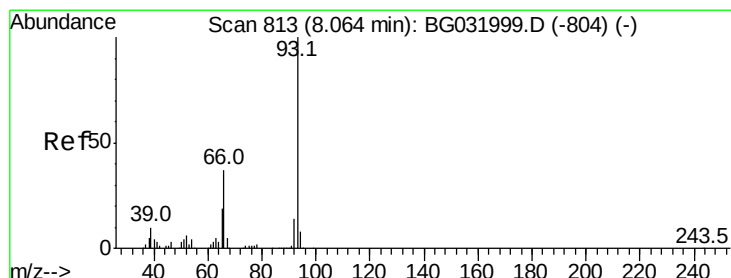
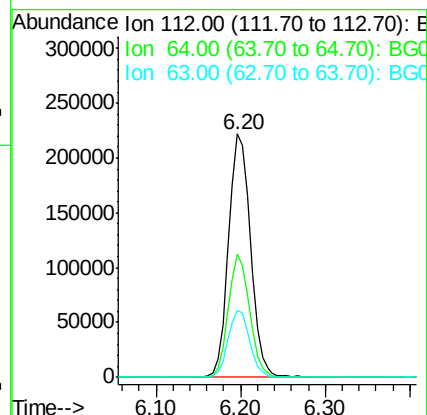
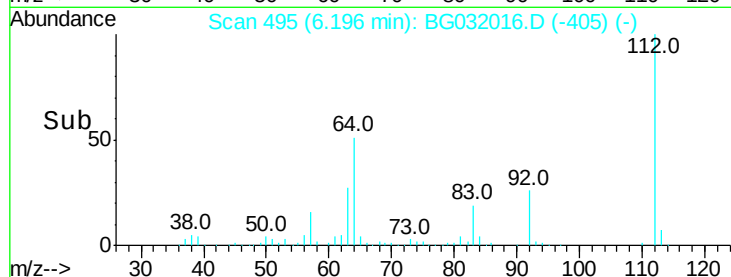
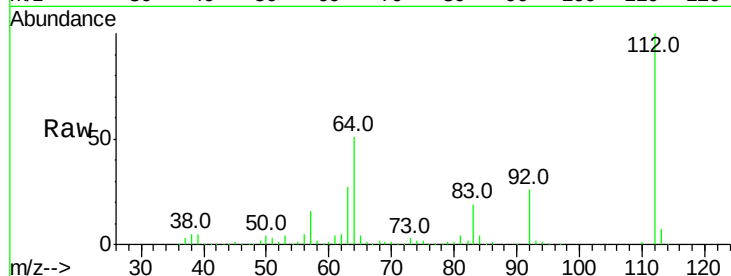
Tot Ion:112 Resp: 398361

Ion Ratio Lower Upper

112 100

64 50.6 56.3 84.5#

63 27.4 30.1 45.1#



#6

Aniline

Concen: 30.373 ng

RT: 8.06 min Scan# 813

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

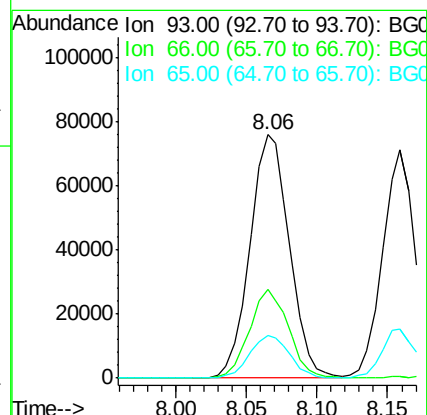
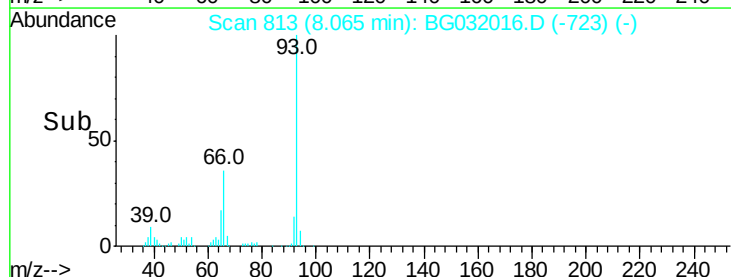
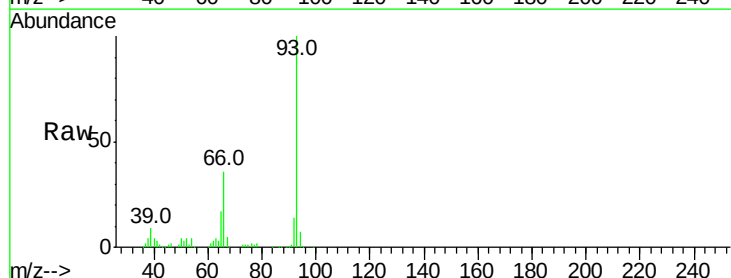
Tgt Ion: 93 Resp: 148447

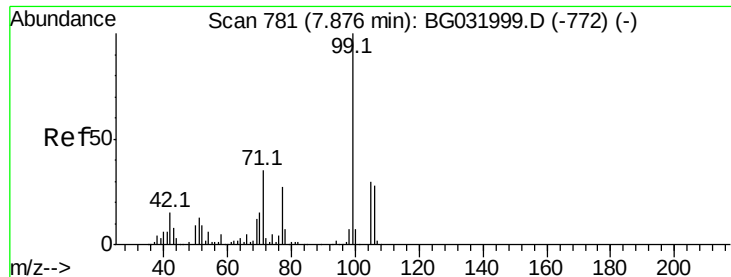
Ion Ratio Lower Upper

93 100

66 36.5 33.7 50.5

65 17.5 16.1 24.1





#7

Phenol-d6

Concen: 134.523 ng

RT: 7.88 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

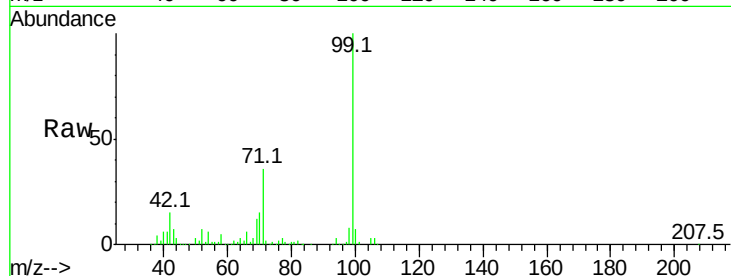
Tot Ion: 99 Resp: 521259

Ion Ratio Lower Upper

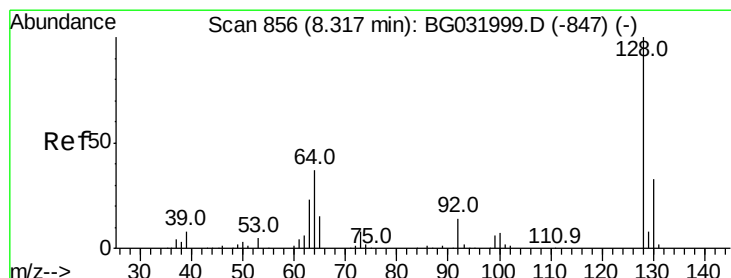
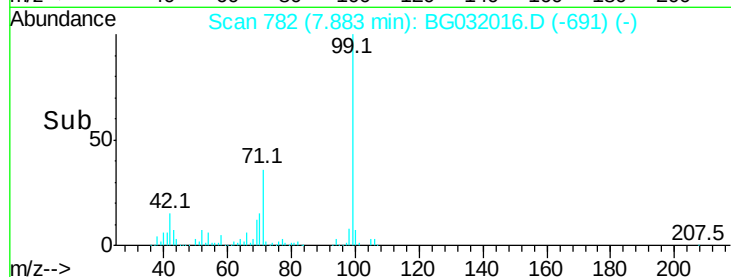
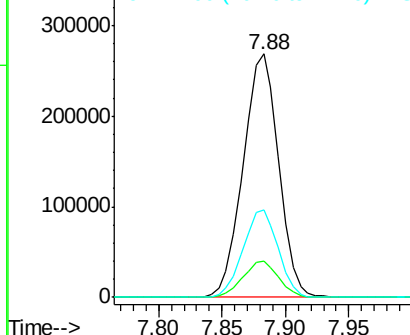
99 100

42 14.8 14.1 21.1

71 35.9 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: 42.878 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

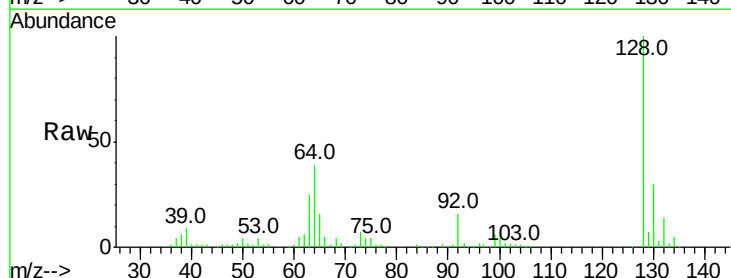
Tgt Ion: 128 Resp: 147619

Ion Ratio Lower Upper

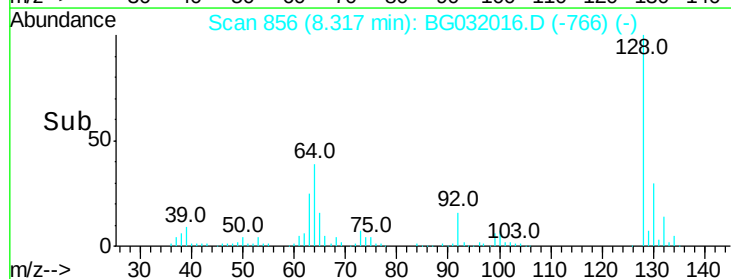
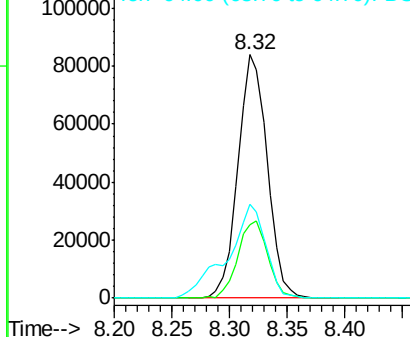
128 100

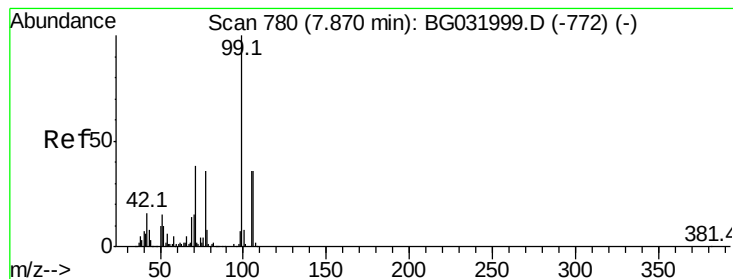
130 30.0 14.0 54.0

64 38.7 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: 10.509 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG032016.D

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Instrument :

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ClientSampleId :

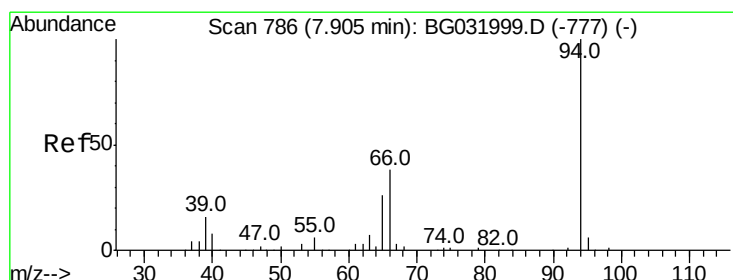
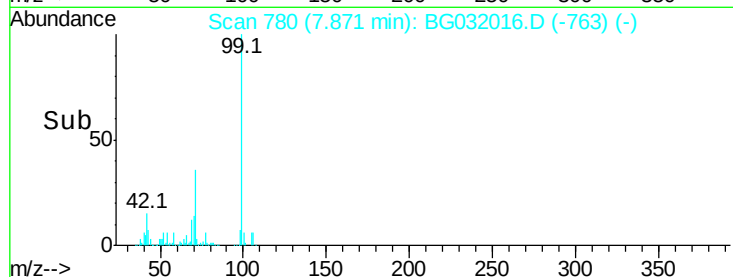
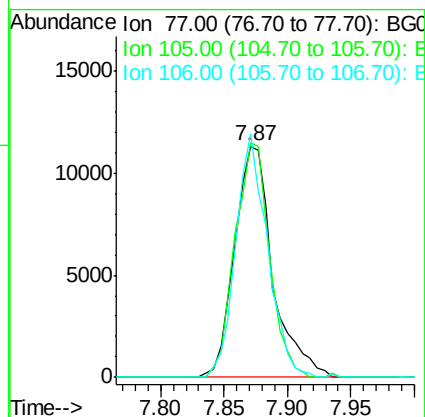
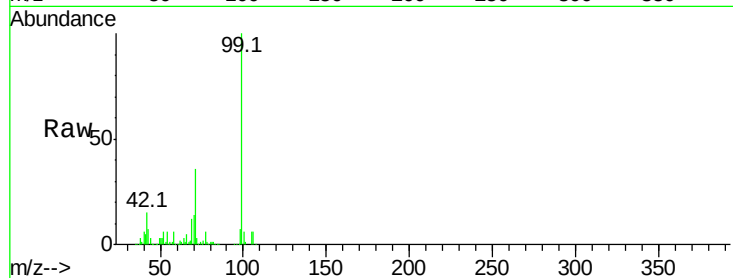
Tot Ion: 77 Resp: 23594

Ion Ratio Lower Upper

77 100

105 101.5 71.3 111.3

106 105.4 64.2 104.2#



#10

Phenol

Concen: 49.945 ng

RT: 7.91 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

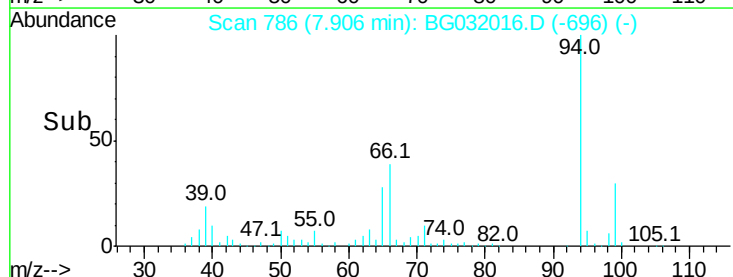
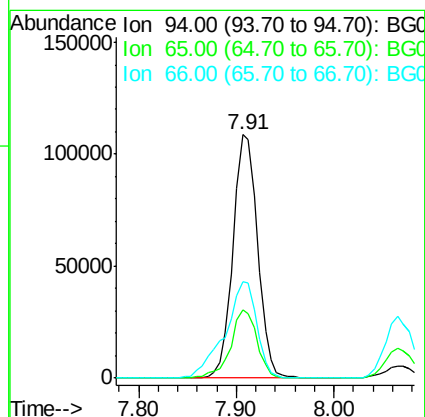
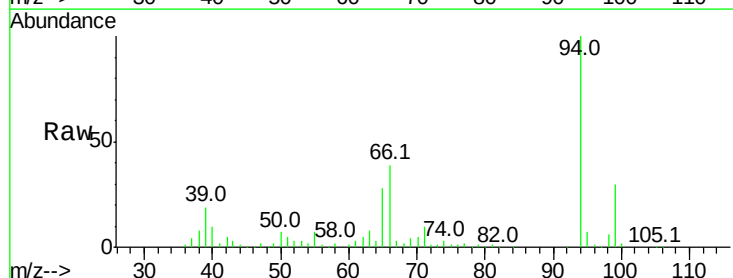
Tgt Ion: 94 Resp: 190642

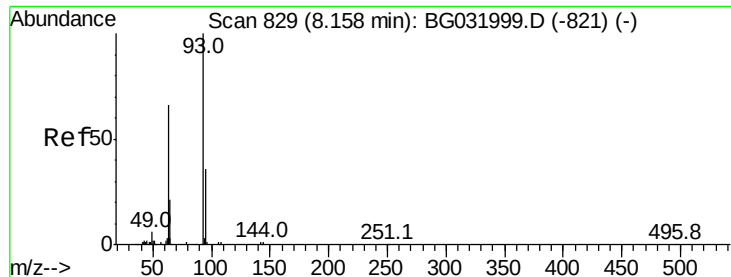
Ion Ratio Lower Upper

94 100

65 28.1 11.9 51.9

66 39.5 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 37.920 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

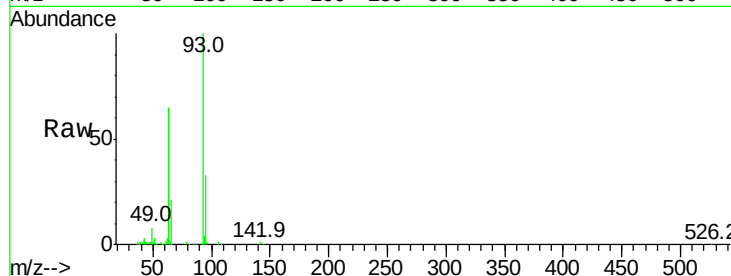
Tot Ion: 93 Resp: 115961

Ion Ratio Lower Upper

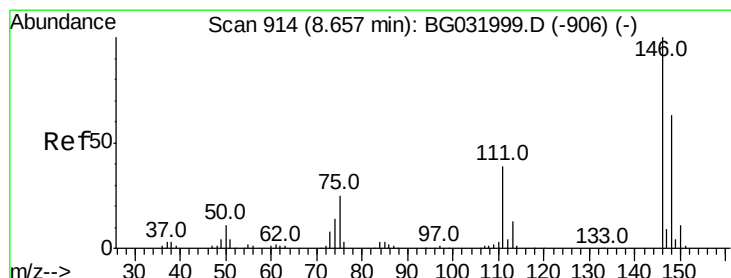
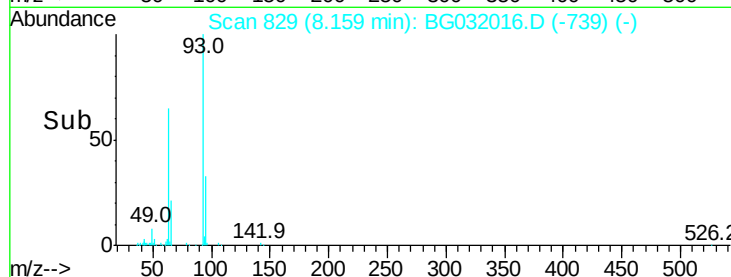
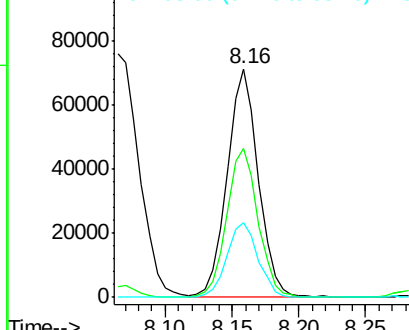
93 100

63 64.9 67.1 107.1#

95 32.7 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 35.087 ng

RT: 8.66 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

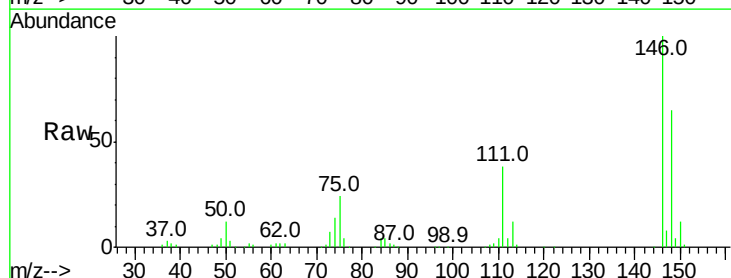
Tgt Ion: 146 Resp: 158097

Ion Ratio Lower Upper

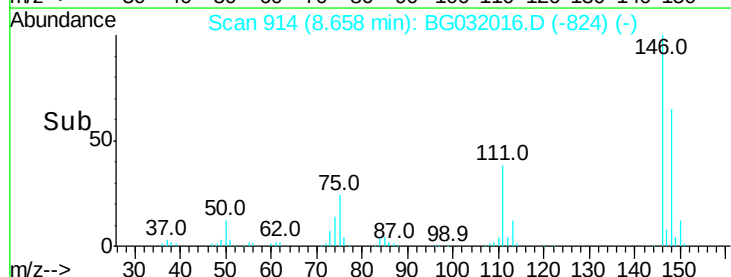
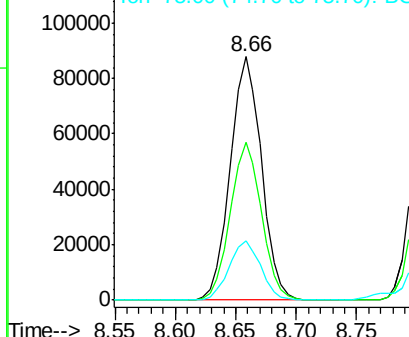
146 100

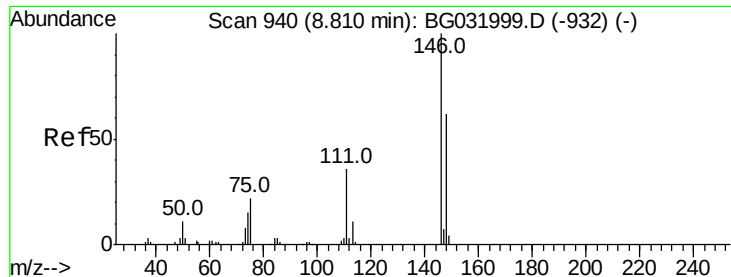
148 64.8 51.4 77.2

75 24.4 26.6 39.8#



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

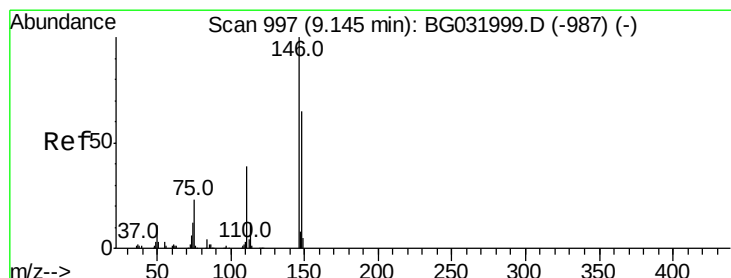
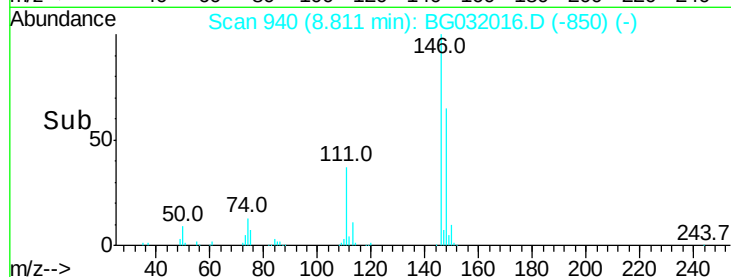
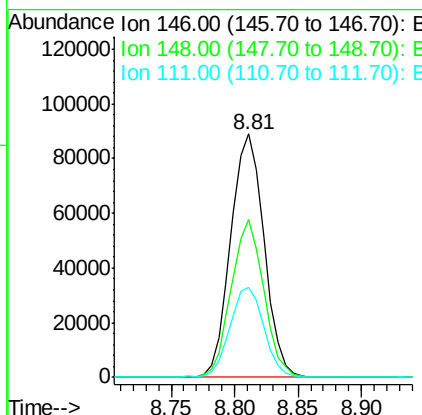
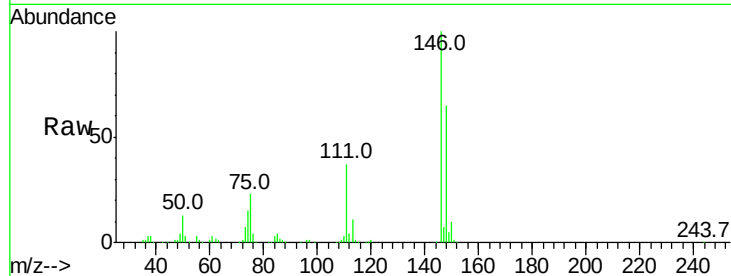




#13
 1,4-Dichlorobenzene
 Concen: 35.647 ng
 RT: 8.81 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

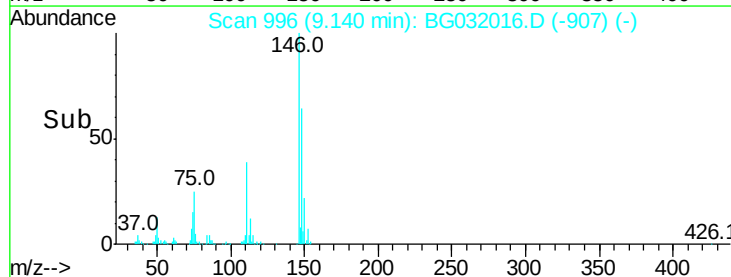
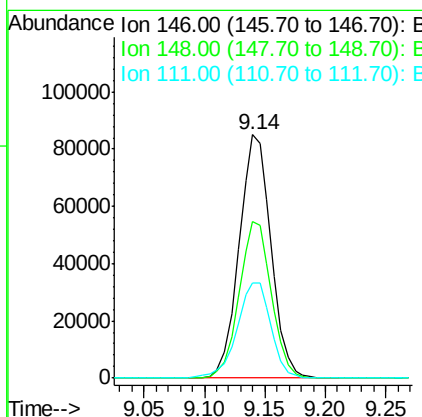
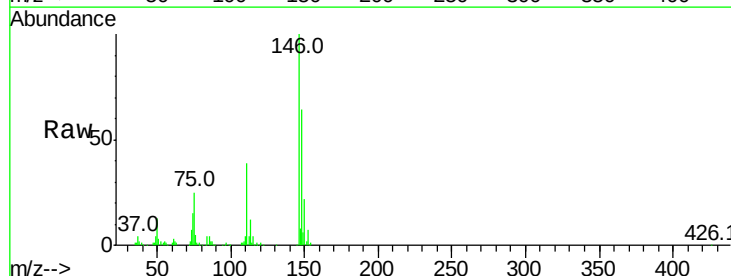
Instrument :
 BNA_G
 ClientSampleId :

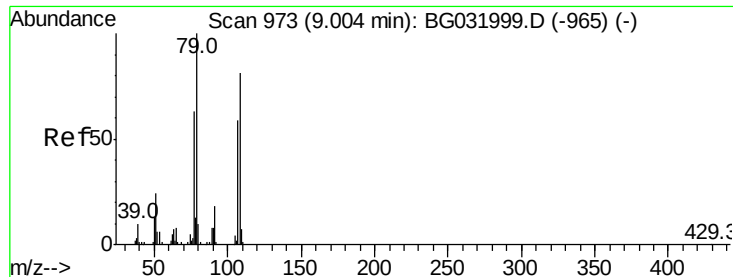
Tot Ion:146 Resp: 161722
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.7 80.5
 111 37.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 35.539 ng
 RT: 9.14 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion:146 Resp: 155946
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 39.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 42.579 ng

RT: 9.00 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

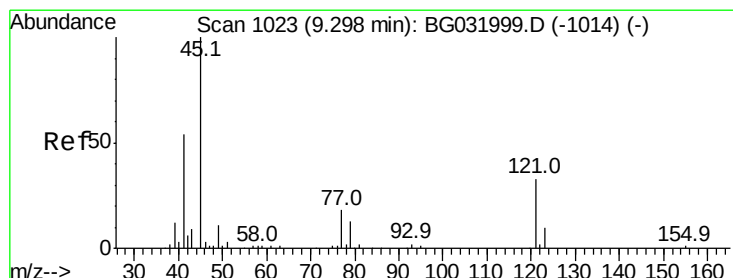
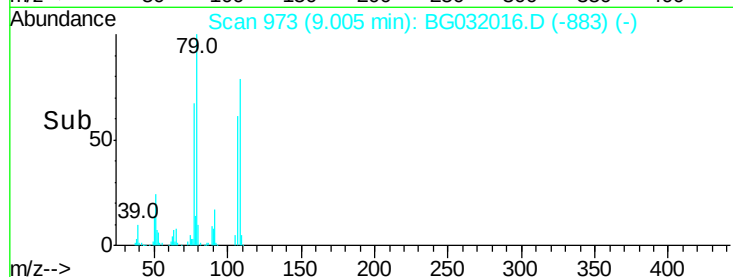
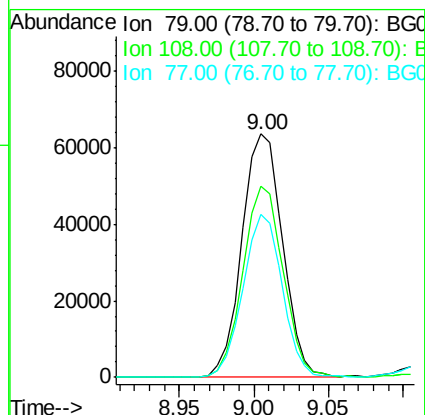
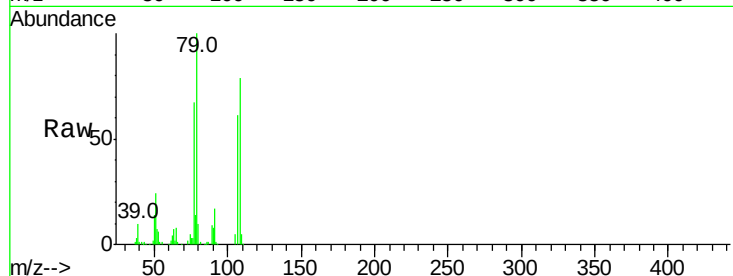
Tot Ion: 79 Resp: 119856

Ion Ratio Lower Upper

79 100

108 78.7 57.2 85.8

77 67.1 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.598 ng

RT: 9.30 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

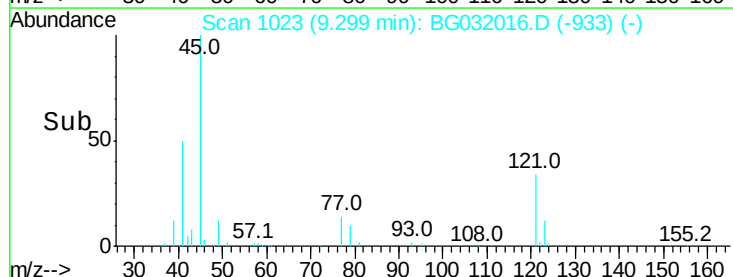
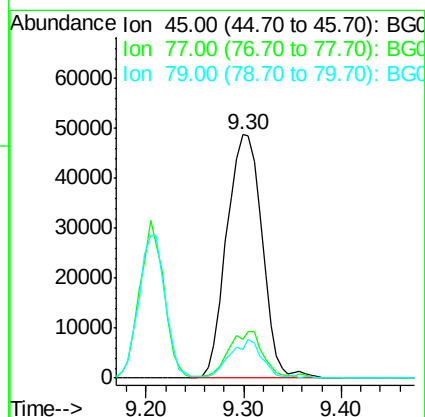
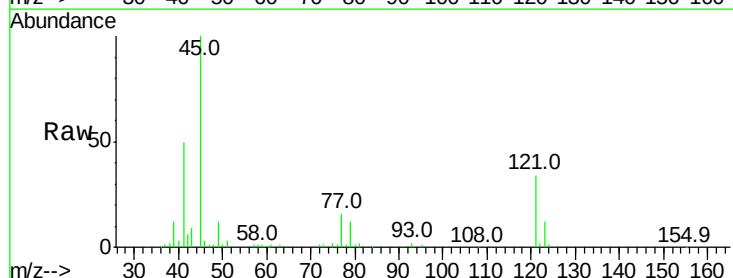
Tgt Ion: 45 Resp: 123061

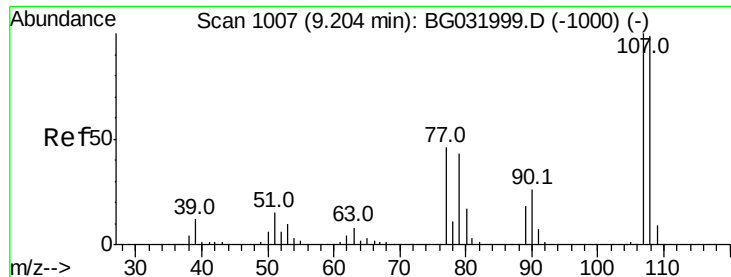
Ion Ratio Lower Upper

45 100

77 16.1 0.0 30.2

79 11.5 0.0 27.9

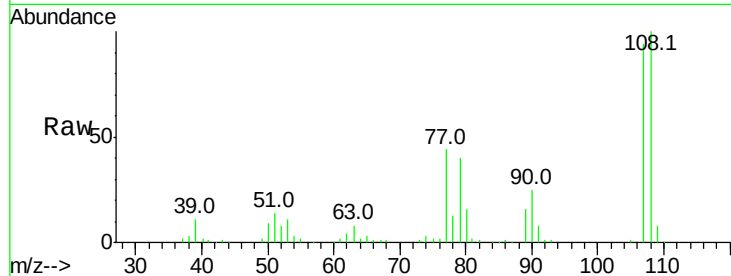




#17
2-Methylphenol
Concen: 41.835 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	106.6	83.9	125.9
77	46.6	37.2	55.8
79	42.1	36.2	54.2



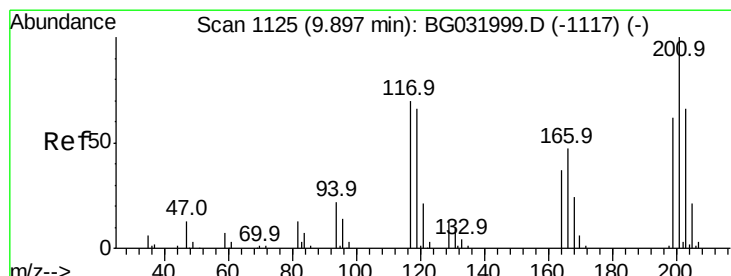
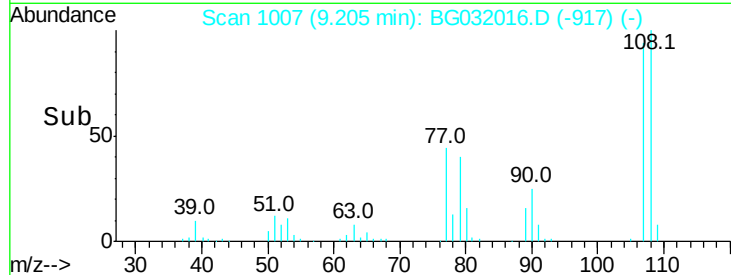
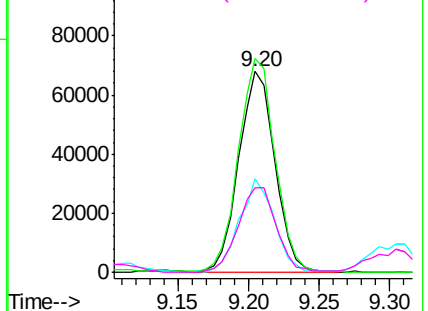
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

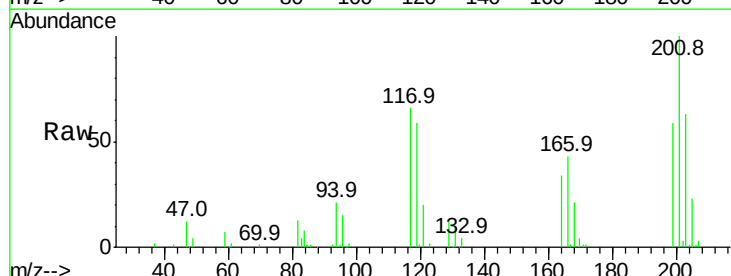
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.916 ng
RT: 9.90 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	76.7	115.1
201	150.5	95.7	143.5

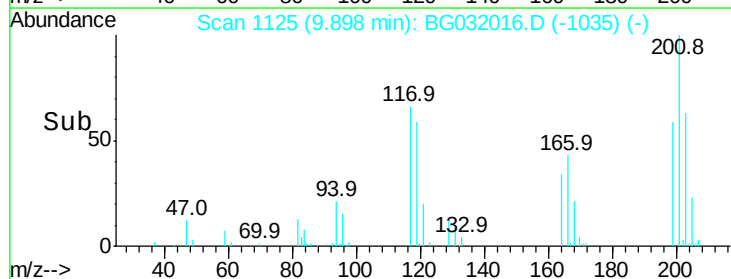
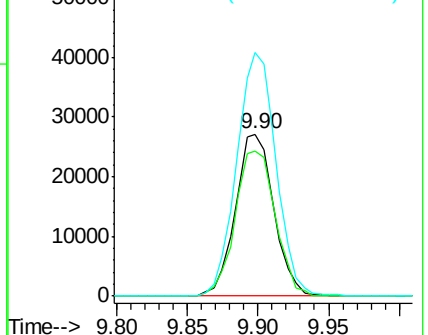


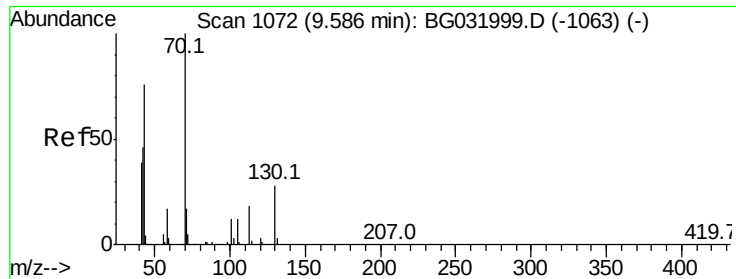
Abundance

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: 39.450 ng

RT: 9.59 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 94845

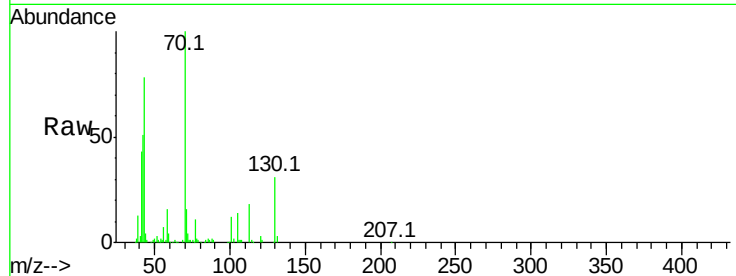
Ion Ratio Lower Upper

70 100

42 51.2 49.1 73.7

101 11.9 8.5 12.7

130 30.8 13.4 20.0#



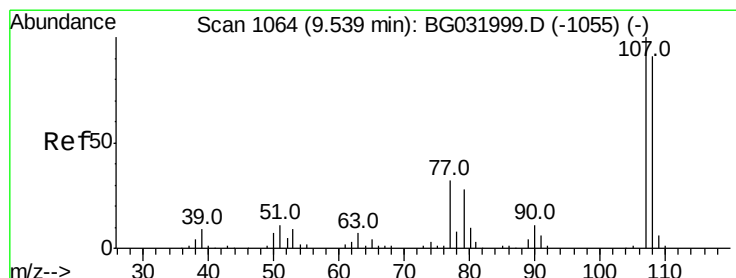
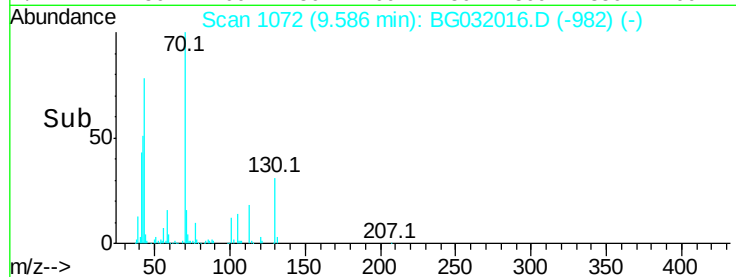
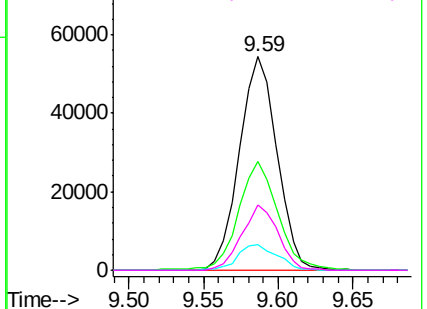
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 41.211 ng

RT: 9.54 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Tgt Ion: 107 Resp: 166539

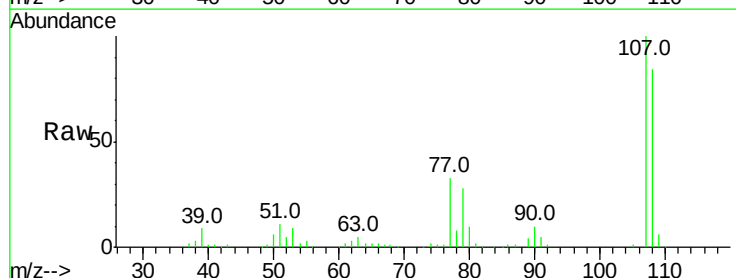
Ion Ratio Lower Upper

107 100

108 83.7 61.6 101.6

77 32.7 13.9 53.9

79 28.4 8.8 48.8



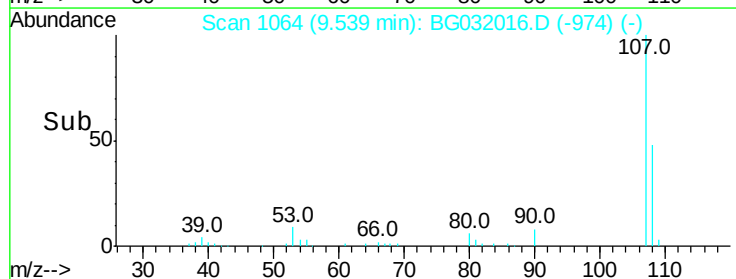
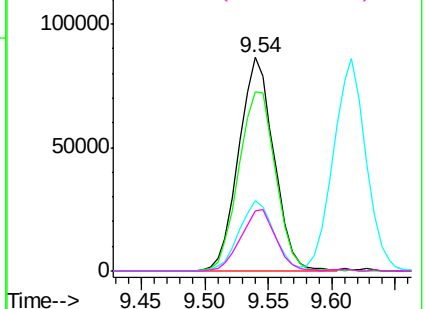
Abundance

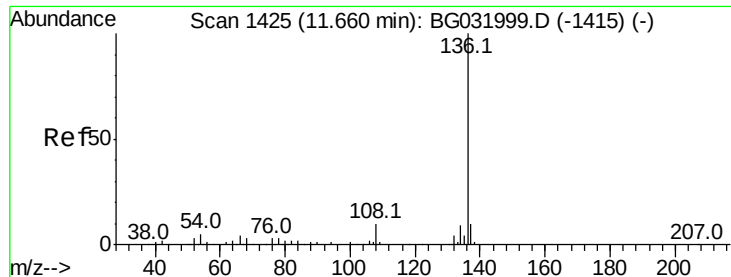
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

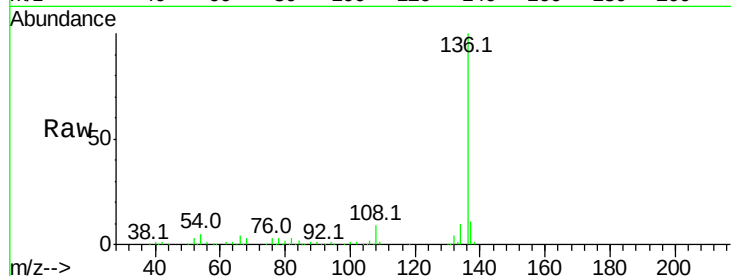




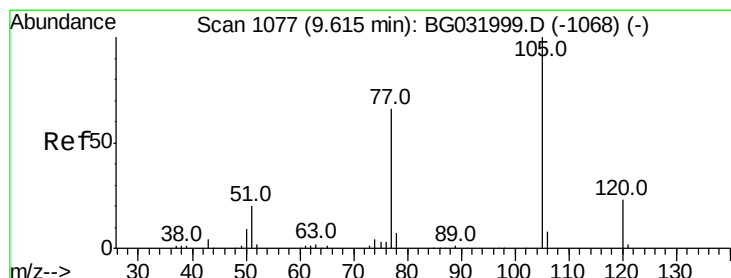
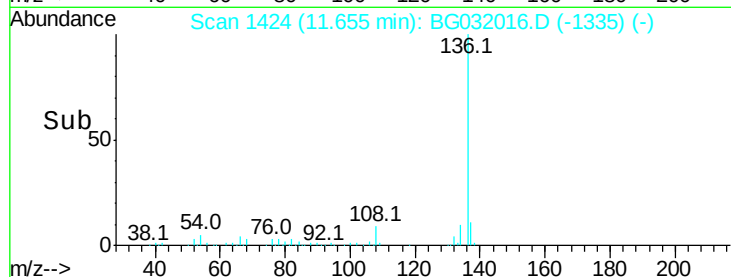
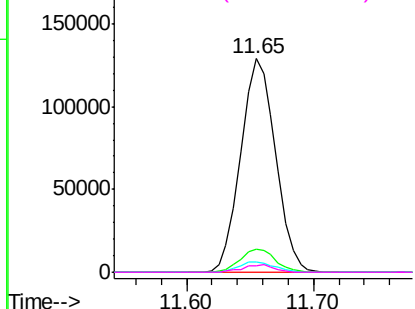
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	246364
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	4.8	10.3 15.5#
68	3.2	4.5 6.7#

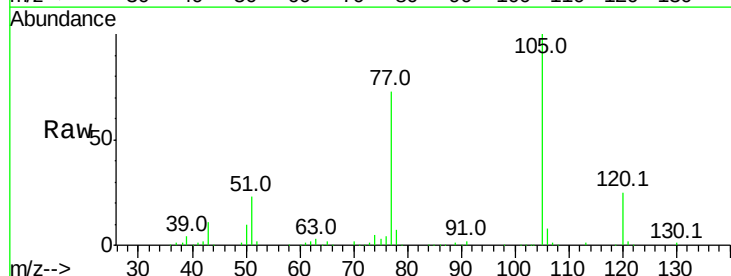


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

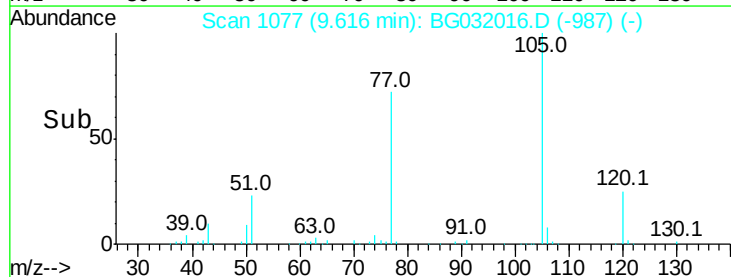
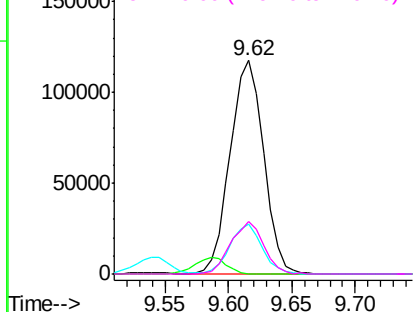


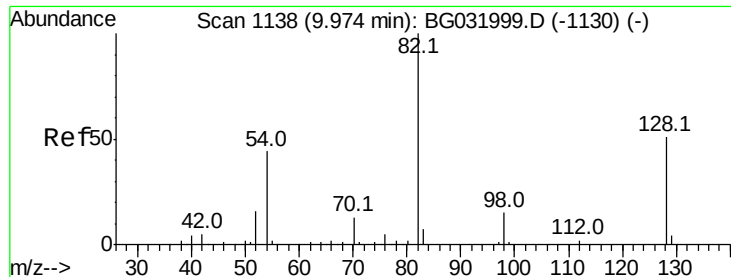
#22
Acetophenone
Concen: 38.550 ng
RT: 9.62 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:105	Resp:	215733
Ion Ratio	Lower	Upper
105	100	
71	0.3	3.0 4.4#
51	23.2	26.1 39.1#
120	24.5	17.4 26.2



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





#23

Nitrobenzene-d5

Concen: 80.639 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

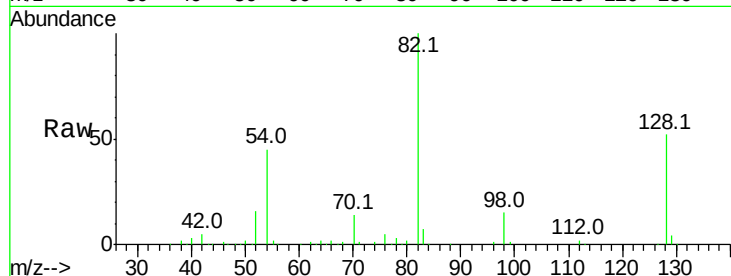
Tot Ion: 82 Resp: 293648

Ion Ratio Lower Upper

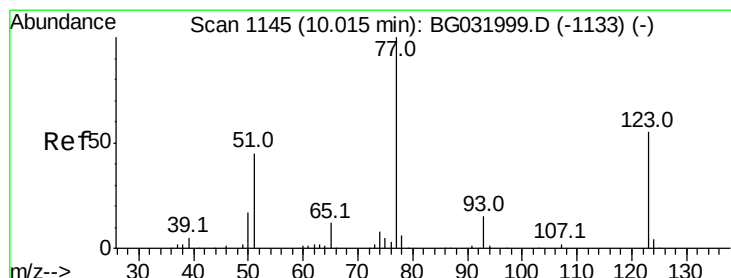
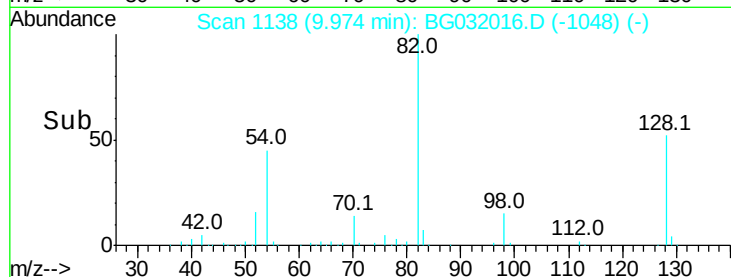
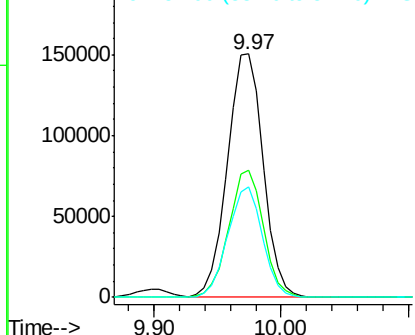
82 100

128 52.4 29.7 44.5#

54 45.2 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: 38.296 ng

RT: 10.02 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

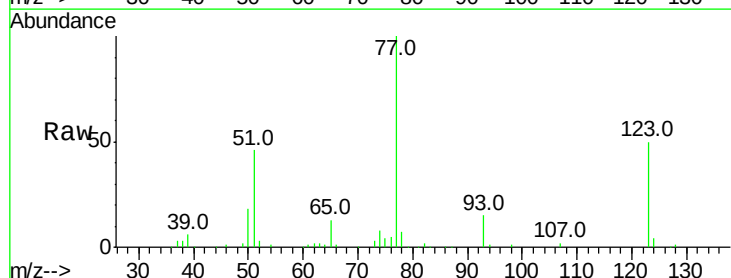
Tgt Ion: 77 Resp: 139105

Ion Ratio Lower Upper

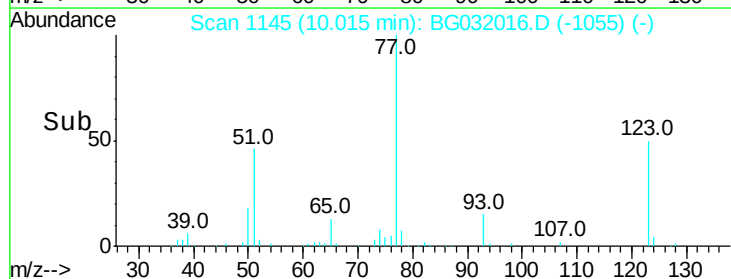
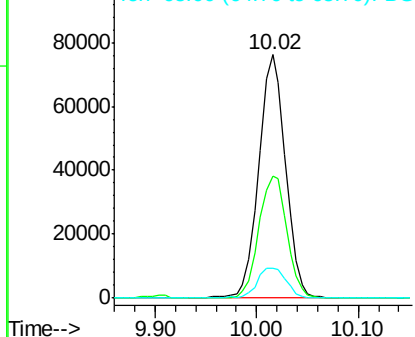
77 100

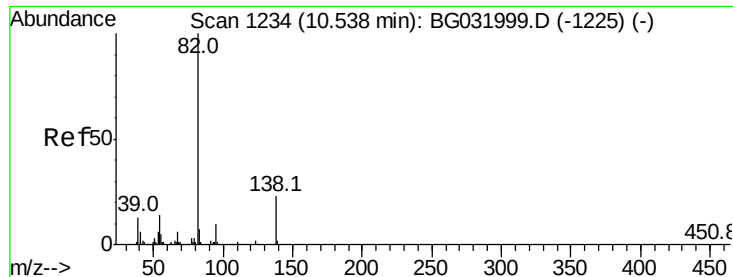
123 49.9 33.0 49.6#

65 12.5 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: 40.947 ng

RT: 10.54 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

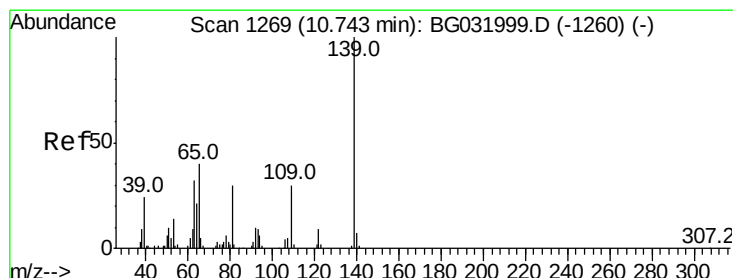
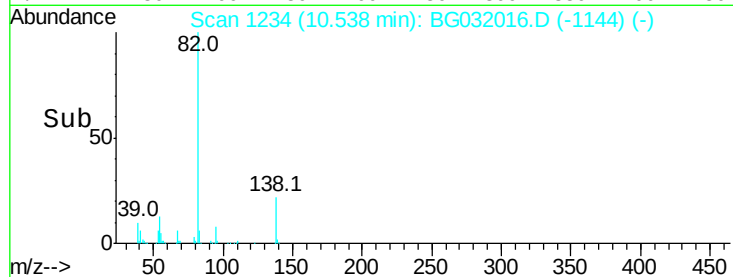
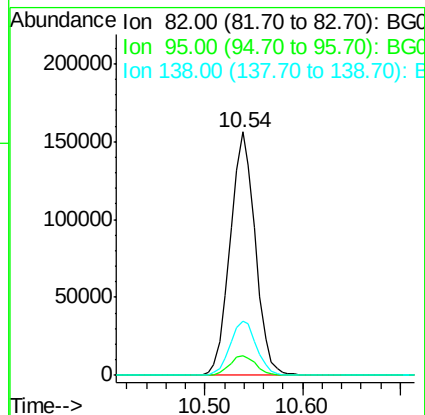
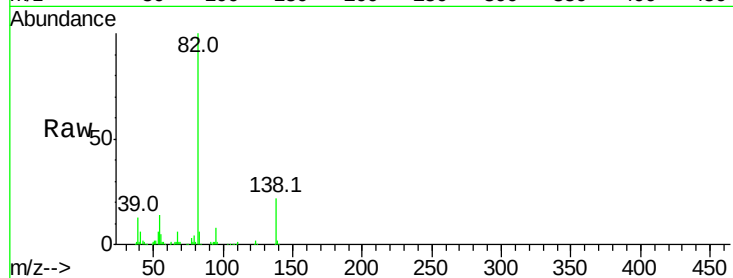
Tot Ion: 82 Resp: 277646

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 22.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.151 ng

RT: 10.74 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

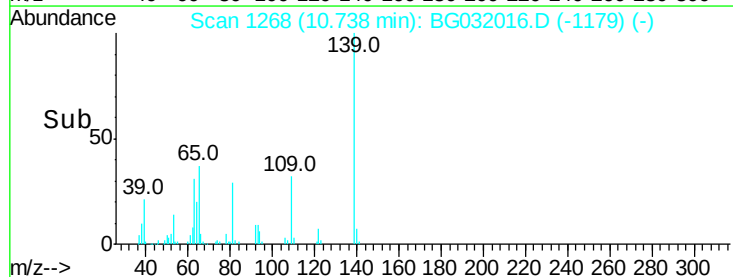
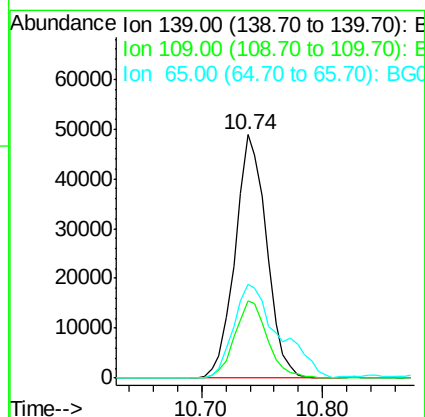
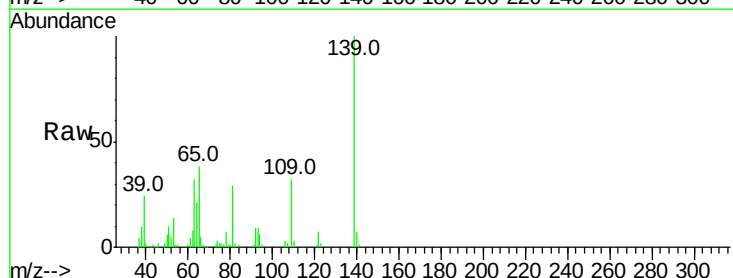
Tgt Ion: 139 Resp: 88569

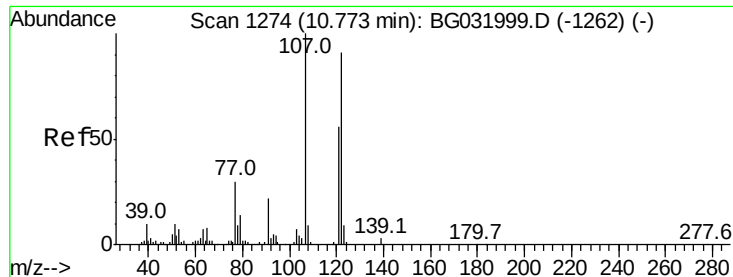
Ion Ratio Lower Upper

139 100

109 31.6 24.2 36.2

65 38.3 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 45.228 ng

RT: 10.77 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

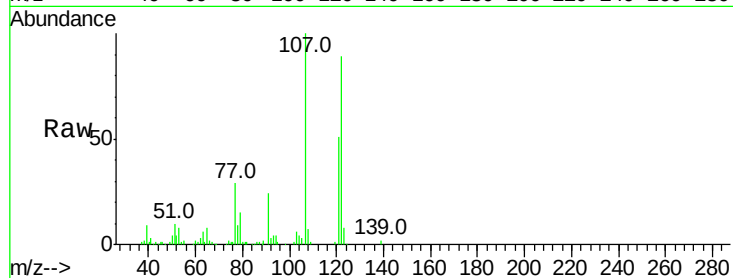
Tot Ion:122 Resp: 154472

Ion Ratio Lower Upper

122 100

107 112.6 100.2 150.2

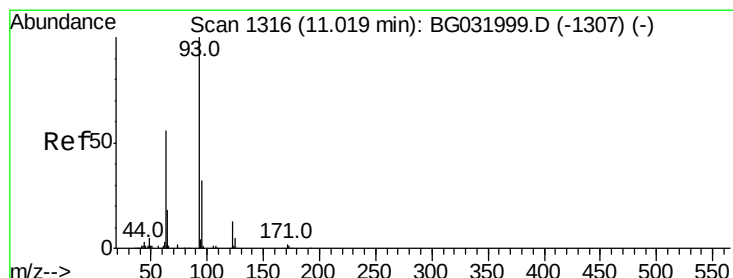
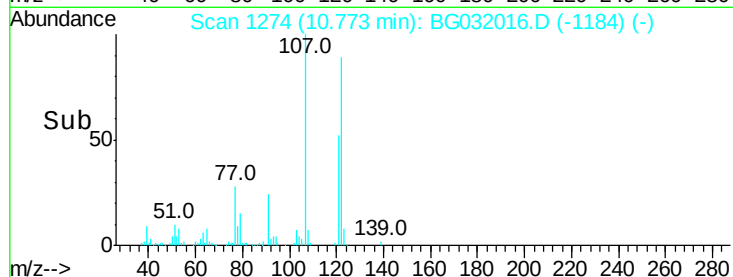
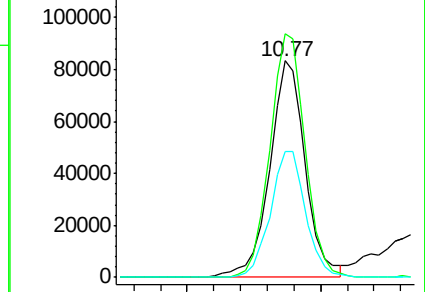
121 58.0 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.011 ng

RT: 11.02 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

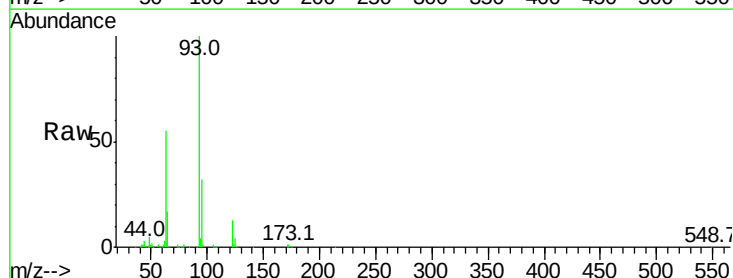
Tgt Ion: 93 Resp: 171628

Ion Ratio Lower Upper

93 100

95 32.1 24.3 36.5

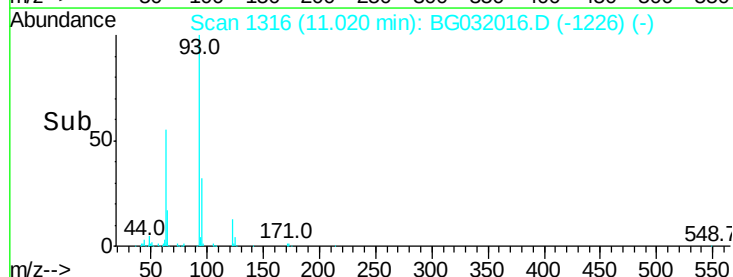
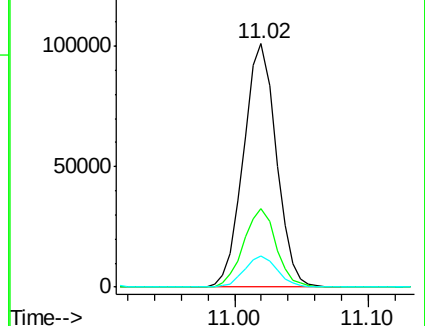
123 12.7 8.4 12.6#

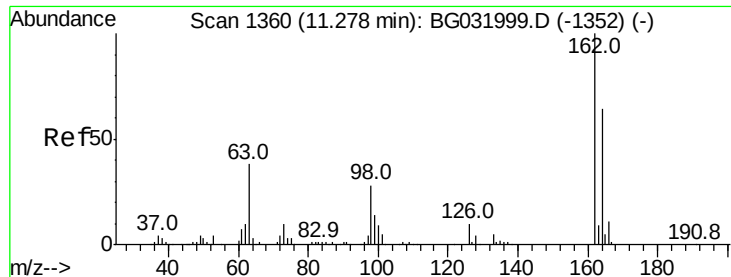


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

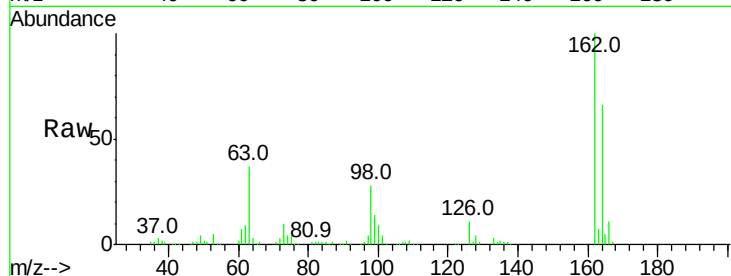




#29
 2,4-Dichlorophenol
 Concen: 42.721 ng
 RT: 11.28 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	48.0	88.0
98	27.9	21.1	61.1

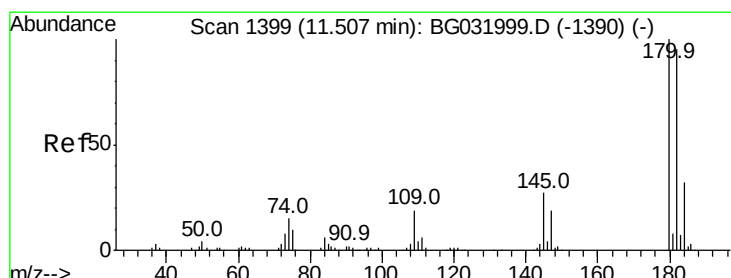
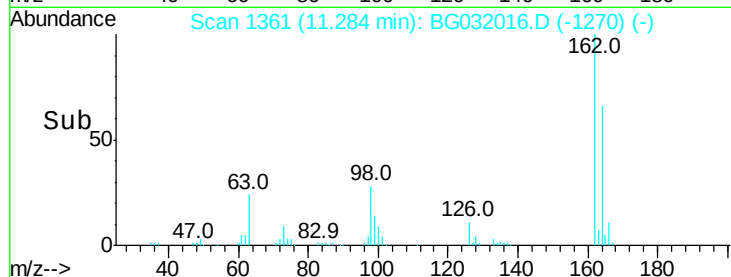
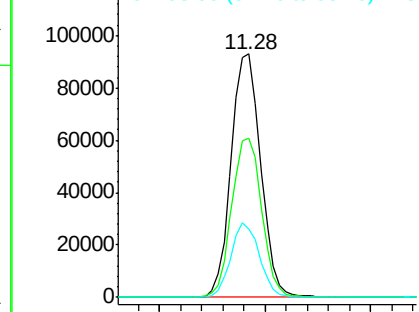


Abundance

Ion 162.00 (161.70 to 162.70): E

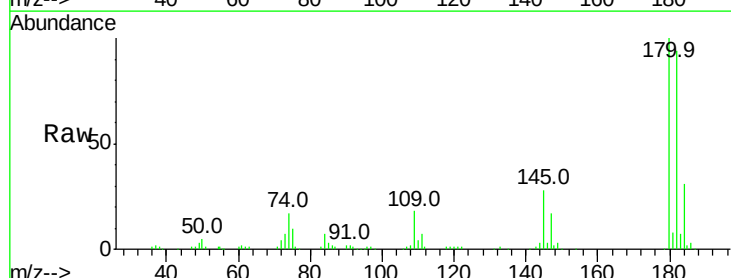
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 36.766 ng
 RT: 11.51 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.5	116.3
145	27.8	23.4	35.2

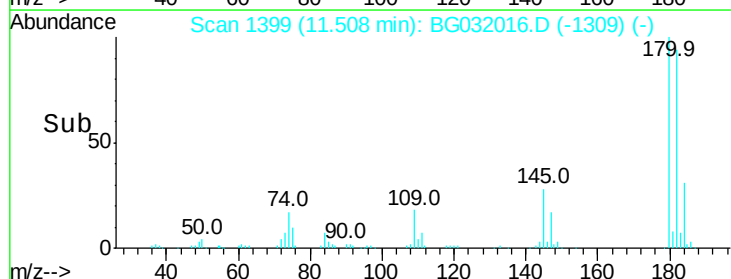
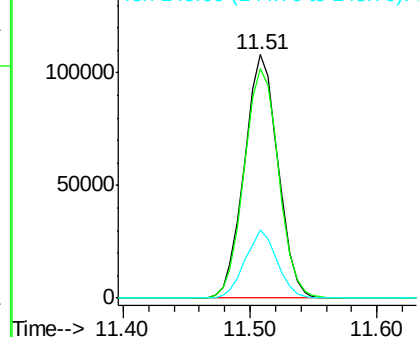


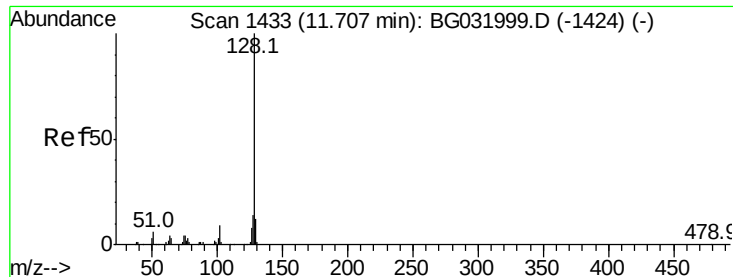
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

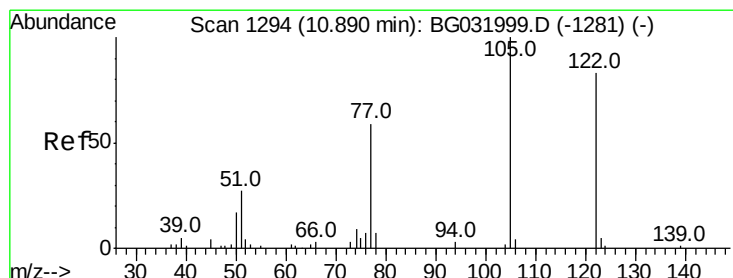
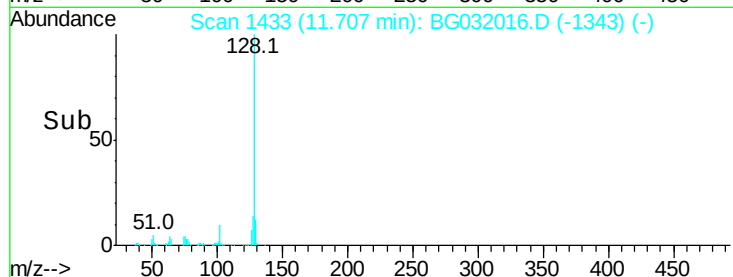
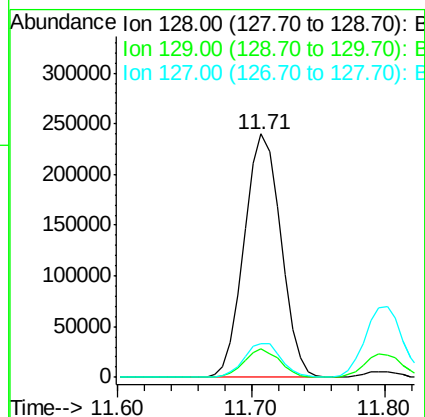
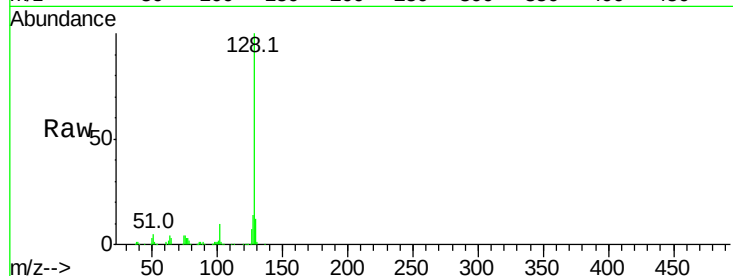




#31
Naphthalene
Concen: 37.528 ng
RT: 11.71 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

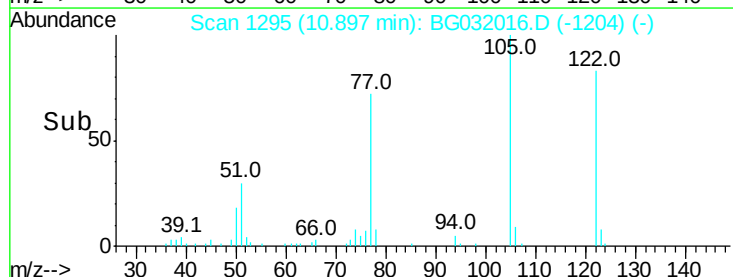
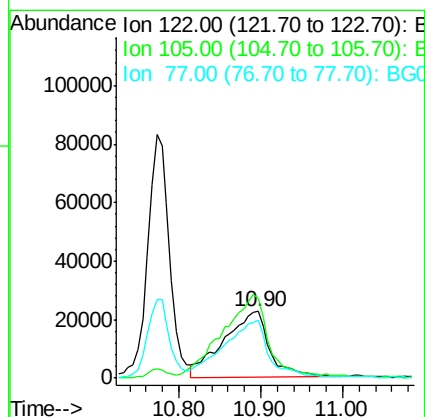
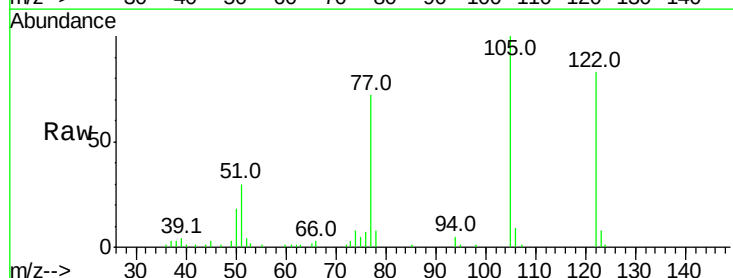
Instrument :
BNA_G
ClientSampleId :

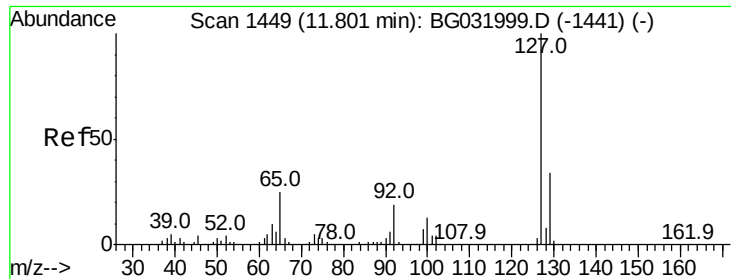
Tot Ion:128 Resp: 458001
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 33.762 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:122 Resp: 87706
Ion Ratio Lower Upper
122 100
105 120.3 123.5 163.5#
77 86.5 85.7 125.7

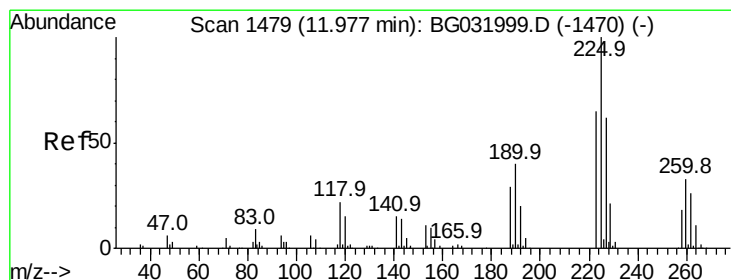
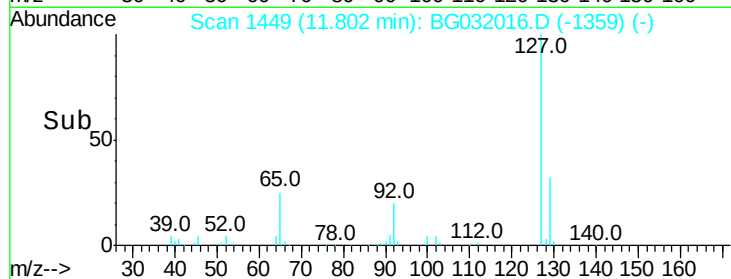
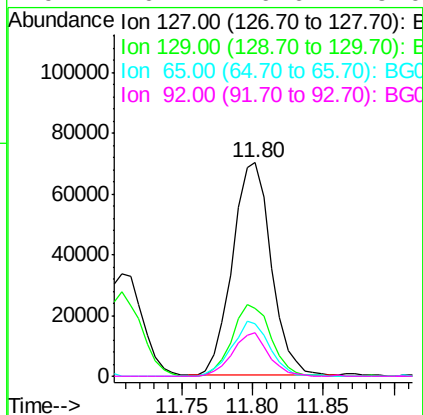
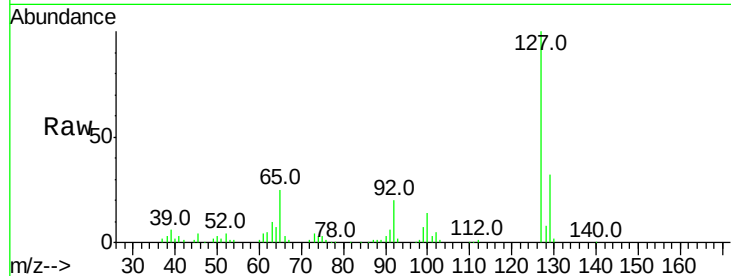




#33
4-Chloroaniline
Concen: 25.776 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

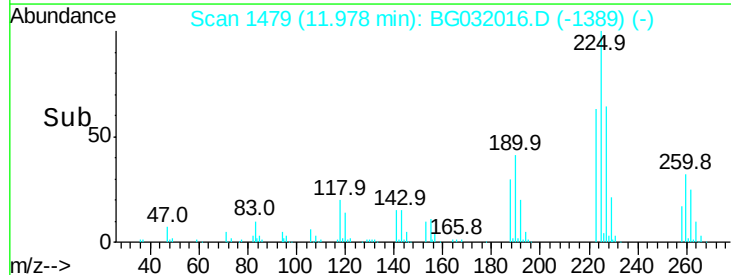
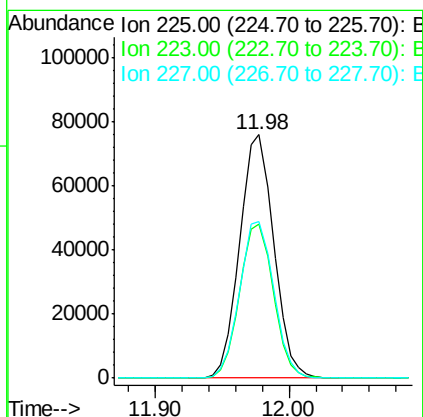
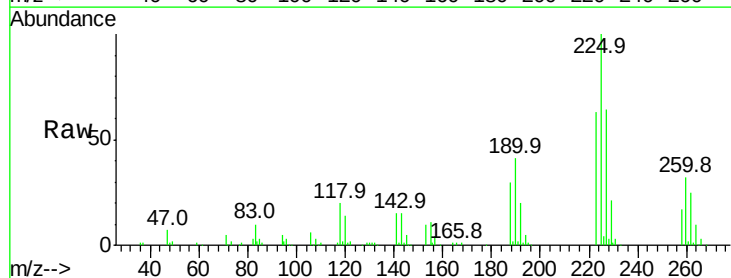
Instrument :
BNA_G
ClientSampleId :

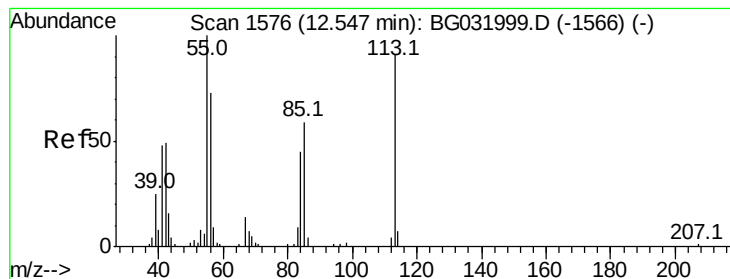
Tot Ion:	127	Resp:	134896
Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	24.9	27.0	40.4#
92	20.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 11.98 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:	225	Resp:	134694
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.2	48.1	72.1





#35

Caprolactam

Concen: 43.622 ng

RT: 12.55 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

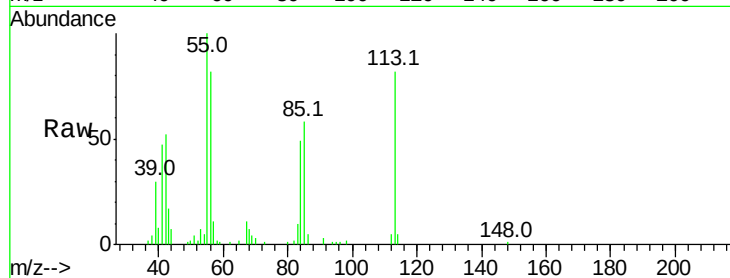
Tot Ion:113 Resp: 55616

Ion Ratio Lower Upper

113 100

55 122.5 186.9 226.9#

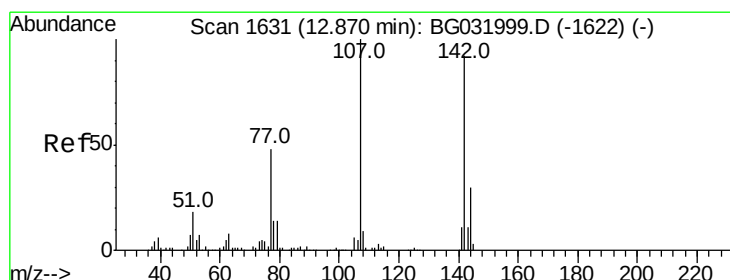
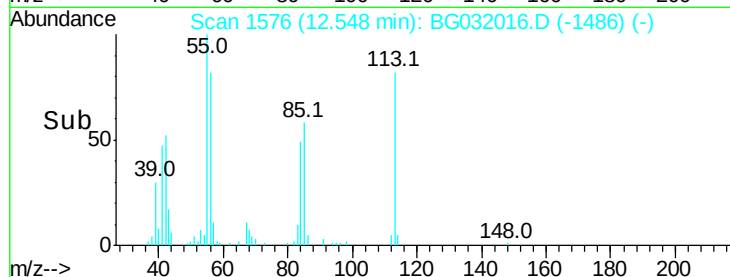
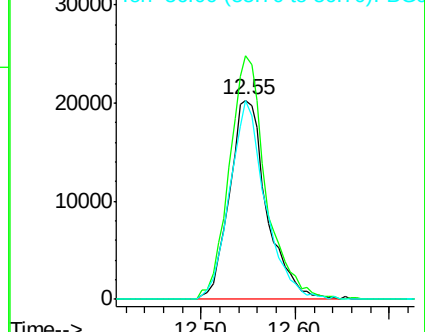
56 100.0 130.9 170.9#



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: 43.546 ng

RT: 12.87 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

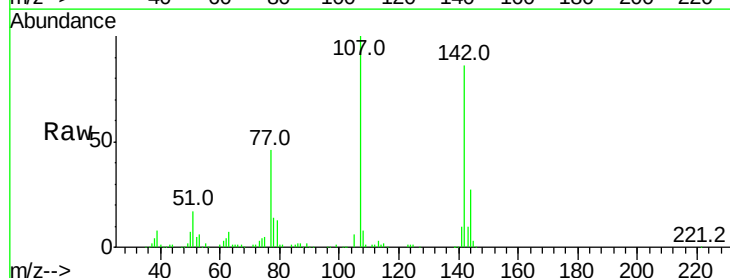
Tgt Ion:107 Resp: 167508

Ion Ratio Lower Upper

107 100

144 27.0 18.2 27.4

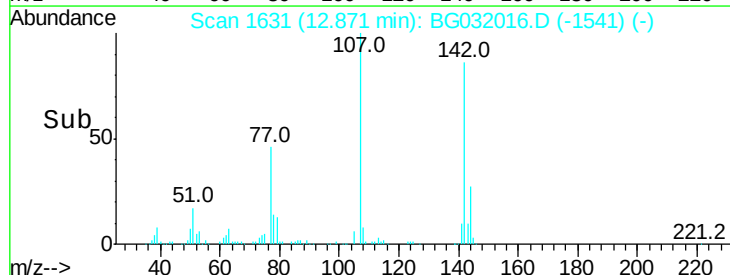
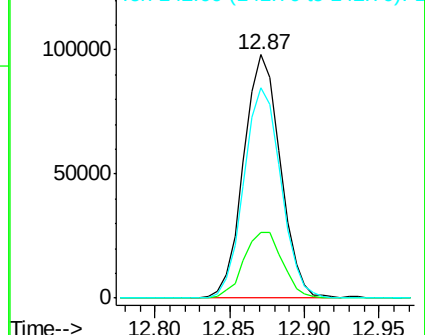
142 86.3 59.0 88.4

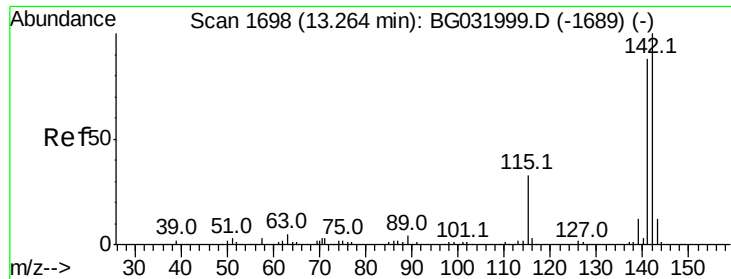


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

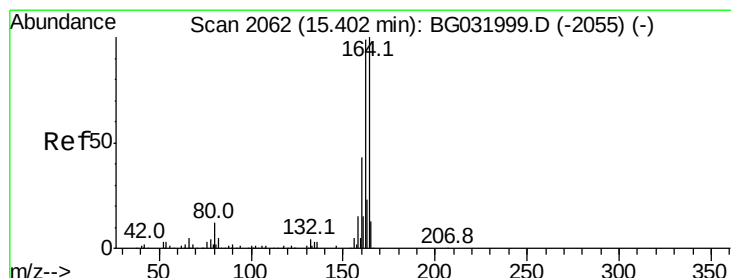
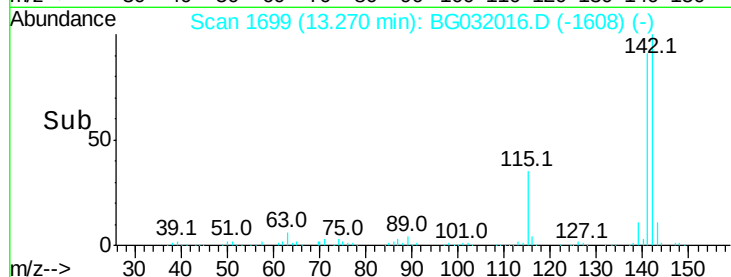
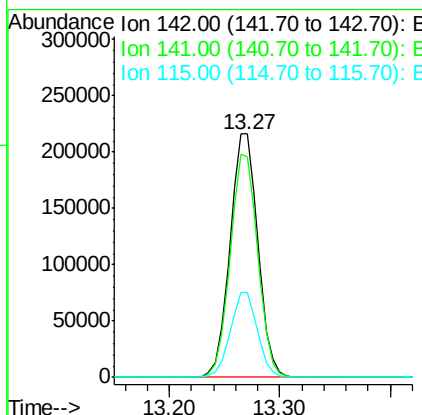
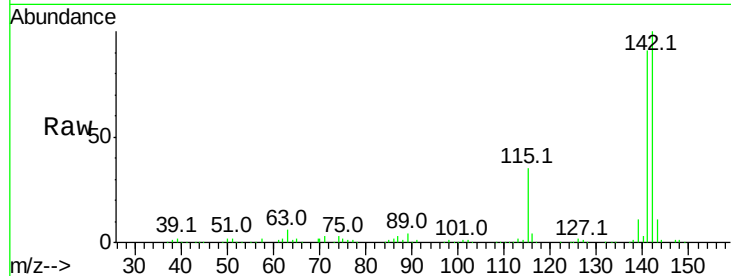




#37
 2-Methylnaphthalene
 Concen: 39.484 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

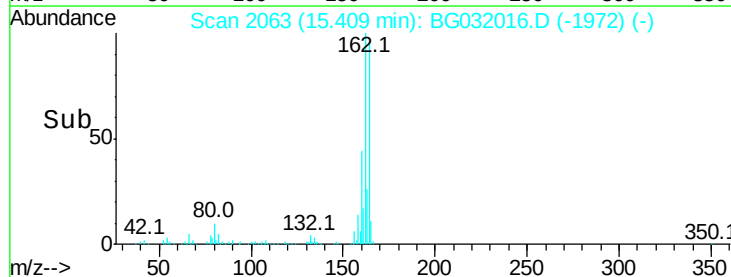
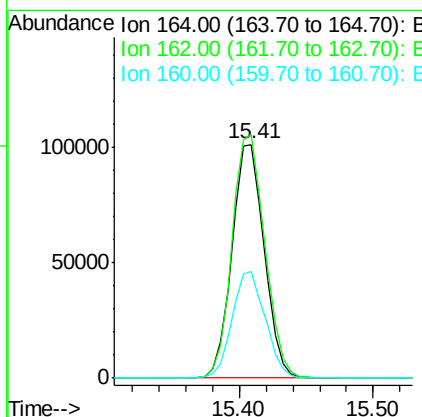
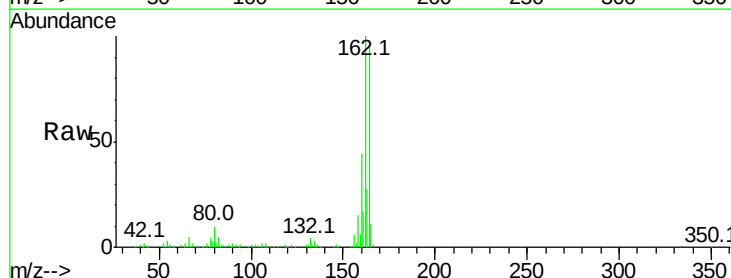
Instrument :
 BNA_G
 ClientSampled :

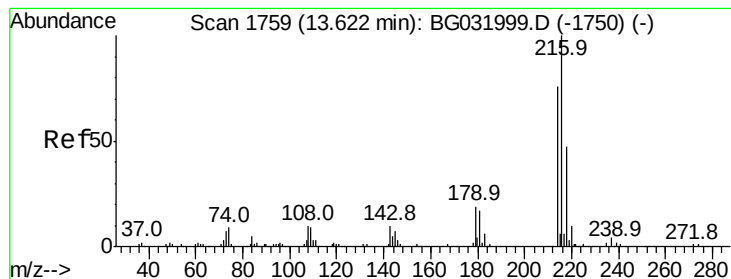
Tot Ion:142 Resp: 382570
 Ion Ratio Lower Upper
 142 100
 141 90.6 67.1 100.7
 115 34.8 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. 0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion:164 Resp: 169997
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 45.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.251 ng

RT: 13.62 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 276039

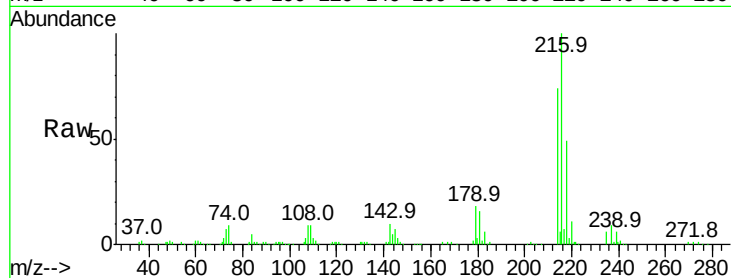
Ion	Ratio	Lower	Upper
216	100		
214	75.6	63.0	94.4
179	18.9	17.0	25.6
108	12.7	12.8	19.2#

216 100

214 75.6 63.0 94.4

179 18.9 17.0 25.6

108 12.7 12.8 19.2#

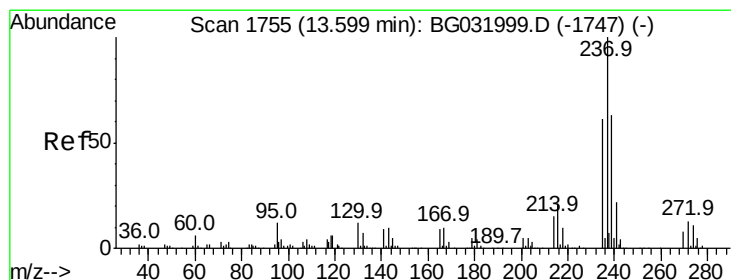
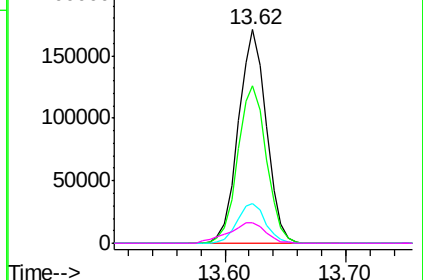
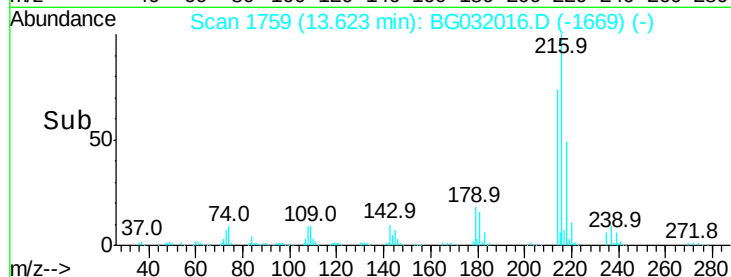


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.314 ng

RT: 13.60 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

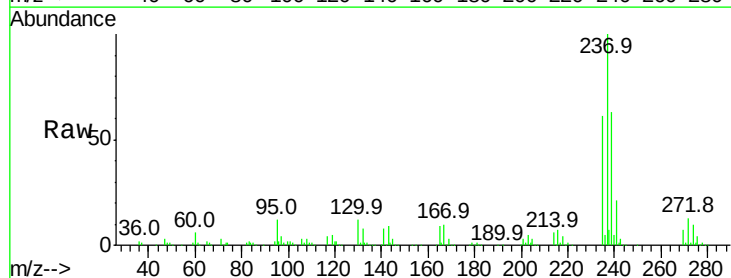
Tgt Ion:237 Resp: 343551

Ion	Ratio	Lower	Upper
237	100		
235	61.5	50.4	90.4
272	13.0	0.0	31.8

237 100

235 61.5 50.4 90.4

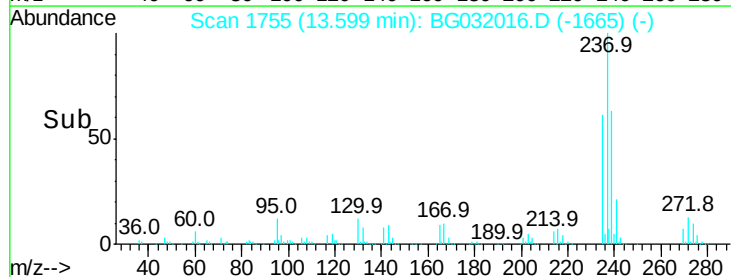
272 13.0 0.0 31.8



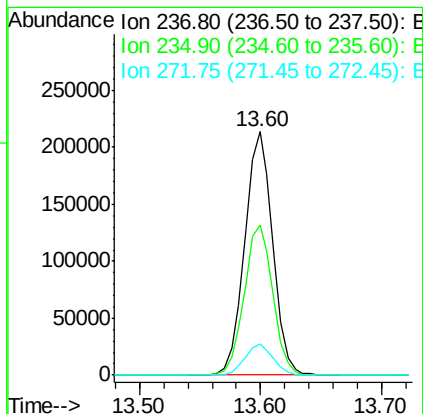
Abundance Ion 236.80 (236.50 to 237.50): E

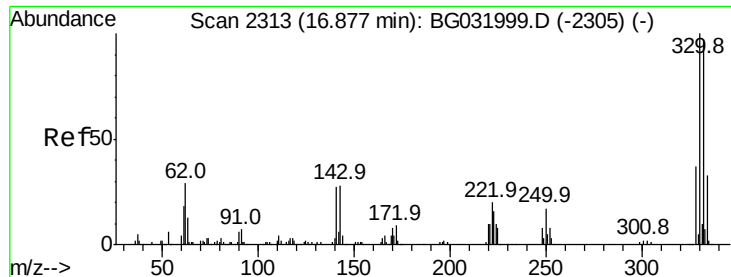
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

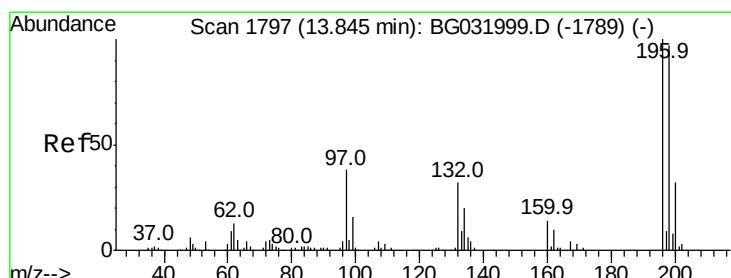
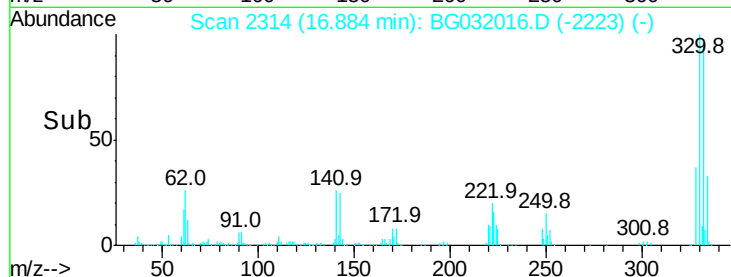
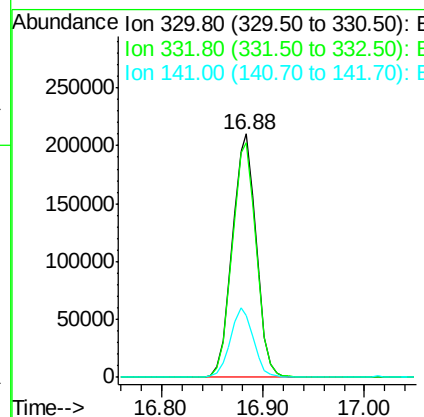
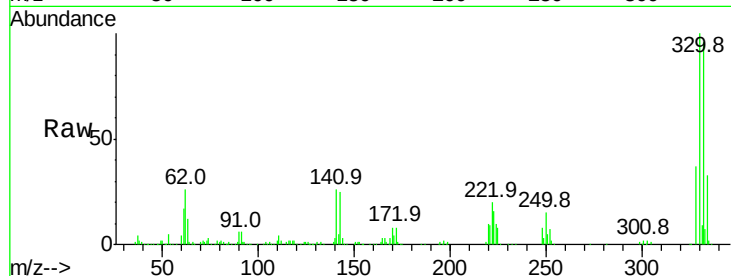




#41
 2,4,6-Tribromophenol
 Concen: 121.860 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

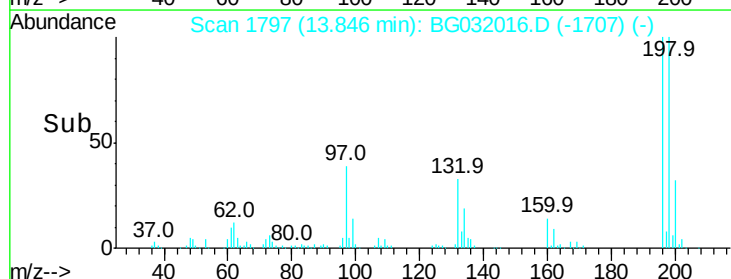
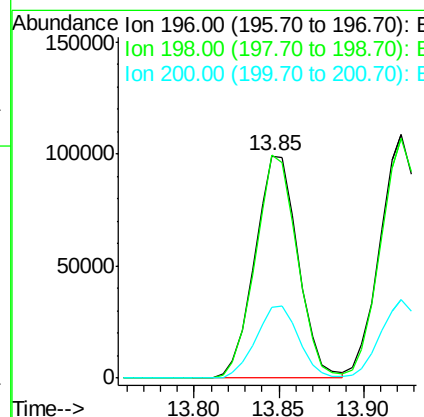
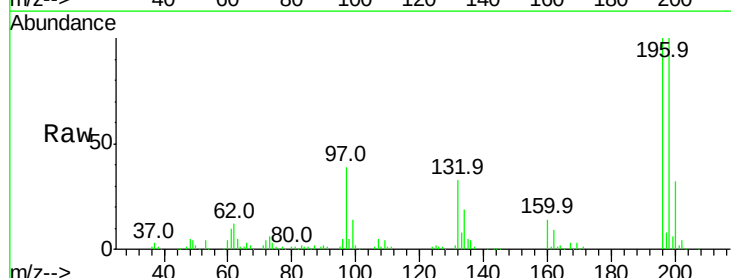
Instrument :
 BNA_G
 ClientSampled :

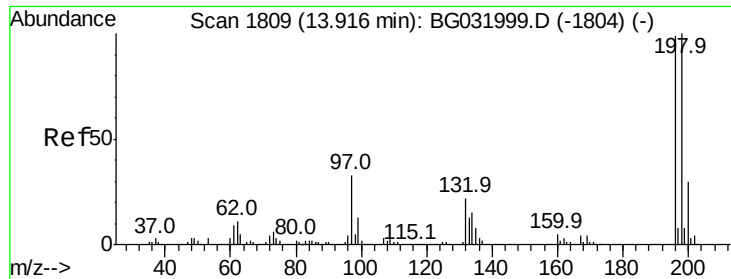
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	27.6	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 41.997 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	78.2	117.2
200	31.9	24.6	36.8

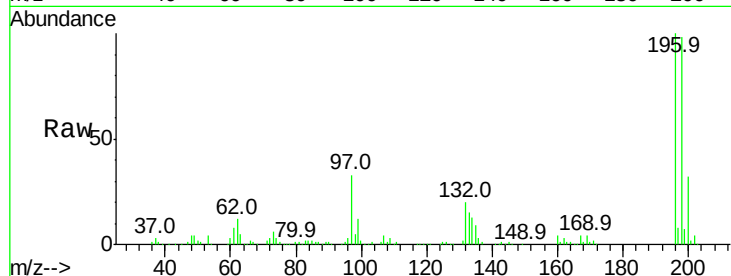




#43
 2,4,5-Trichlorophenol
 Concen: 38.469 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	185396
Ion	Ratio	Lower	Upper
196	100		
198	98.3	76.2	114.4
97	32.8	38.7	58.1#
132	20.4	20.2	30.2



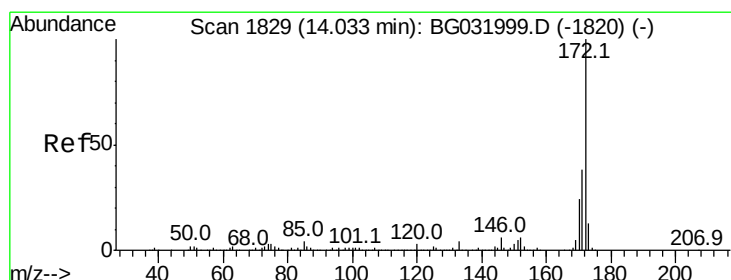
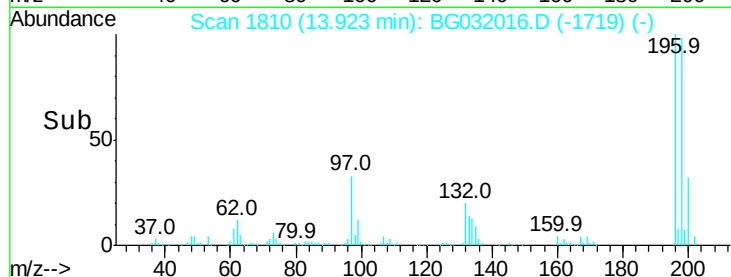
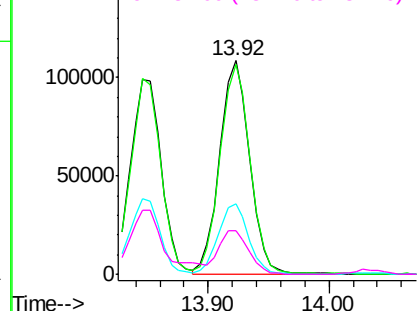
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

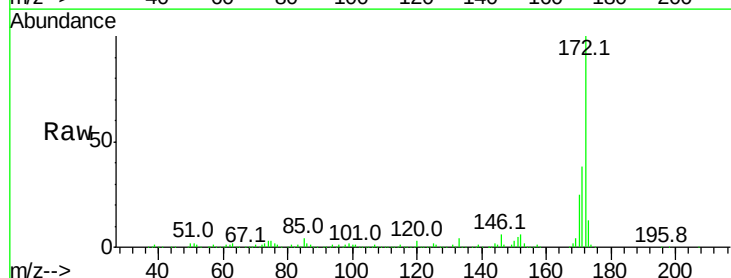
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.031 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion:	172	Resp:	1001258
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.7	19.5	29.3

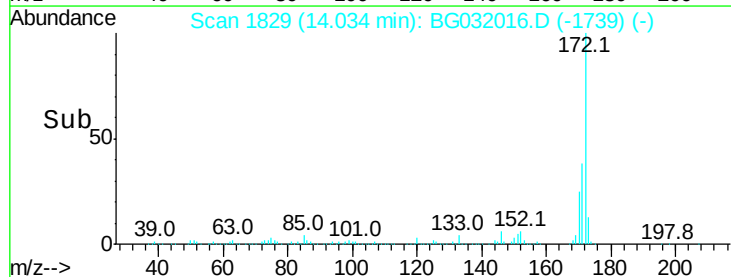
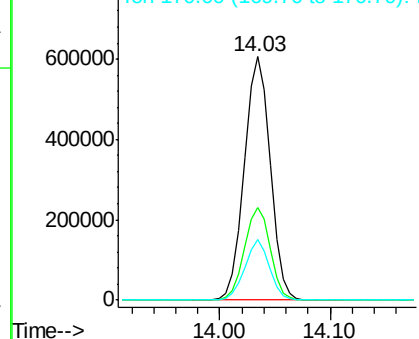


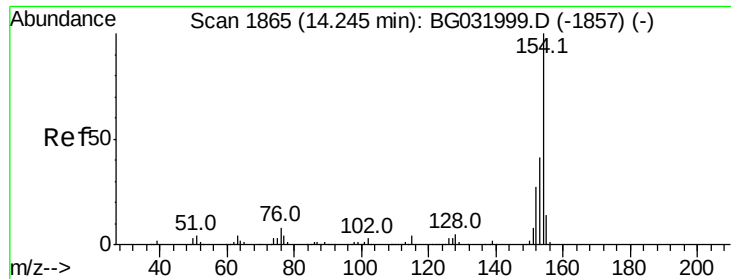
Abundance

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

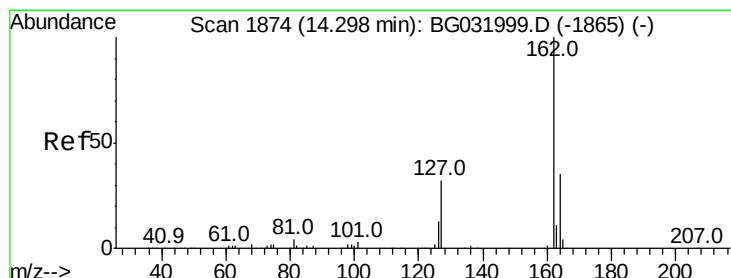
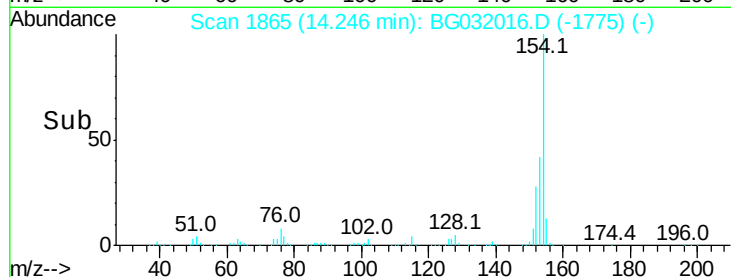
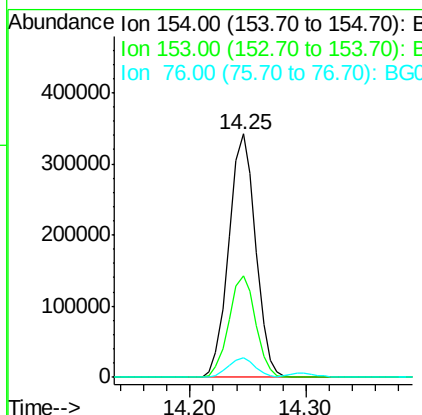
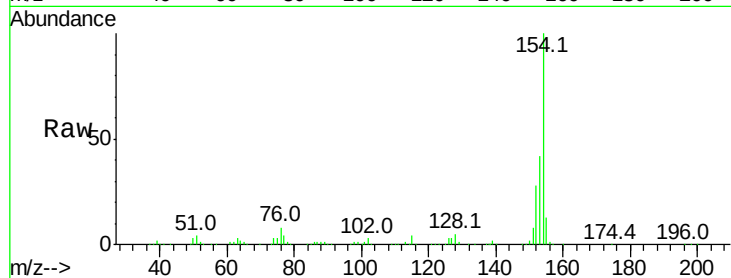




#45
 1,1'-Biphenyl
 Concen: 37.558 ng
 RT: 14.25 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

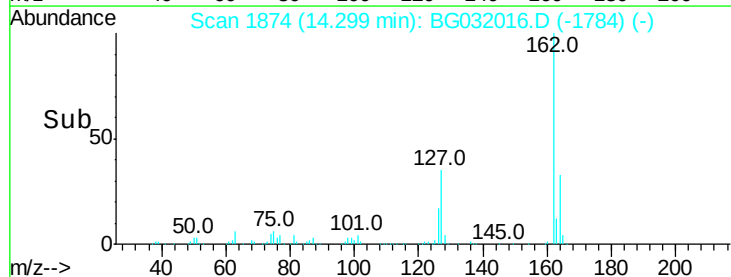
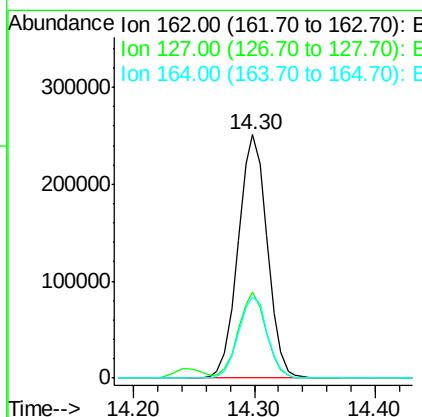
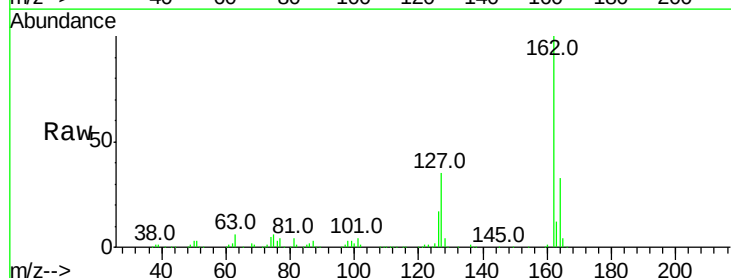
Instrument :
 BNA_G
 ClientSampleId :

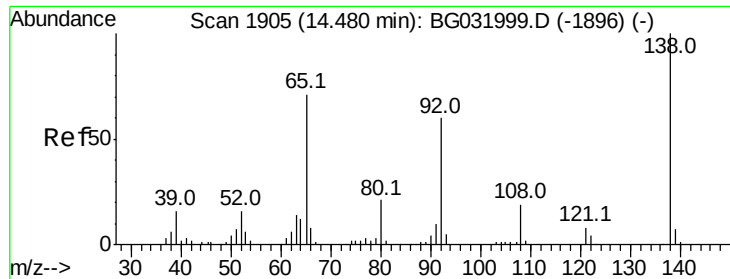
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	8.0	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.096 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	33.5	26.0	39.0

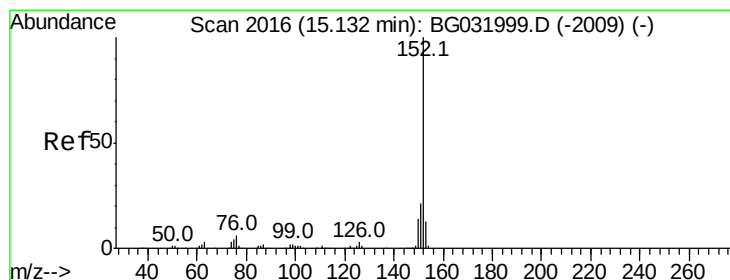
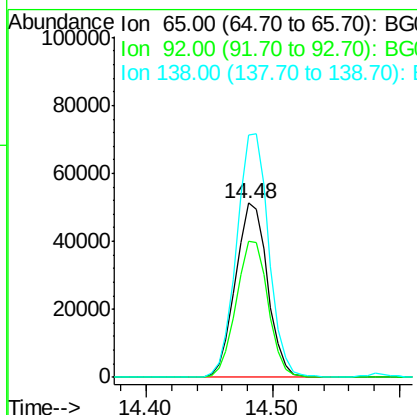
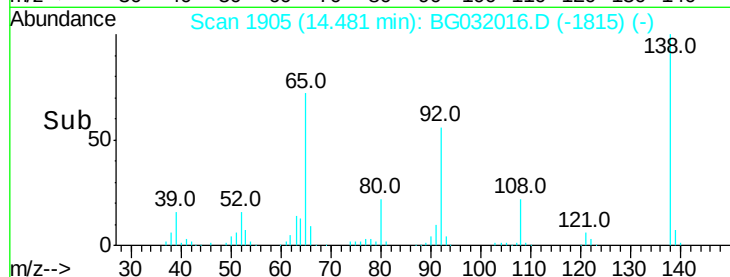
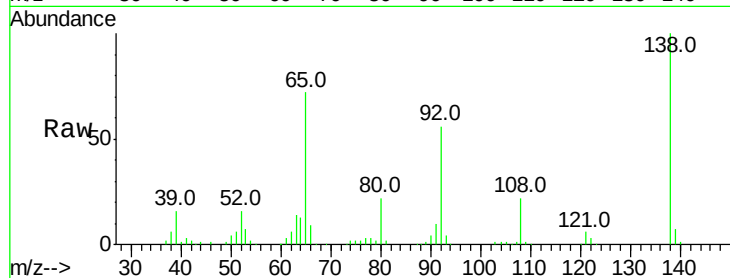




#47
 2-Nitroaniline
 Concen: 41.395 ng
 RT: 14.48 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

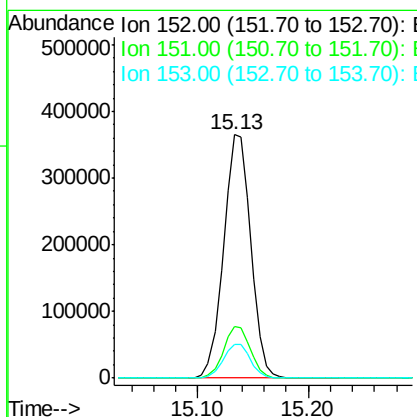
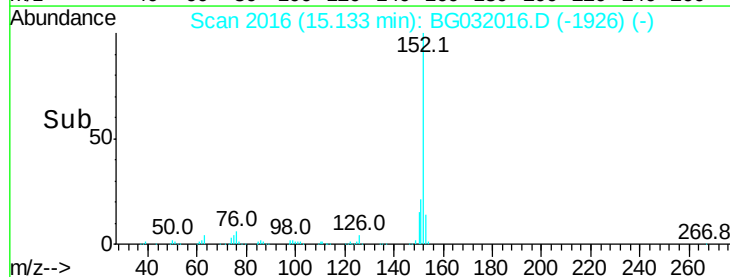
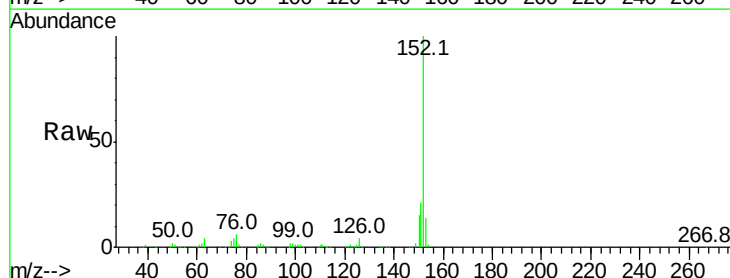
Instrument :
 BNA_G
 ClientSampled :

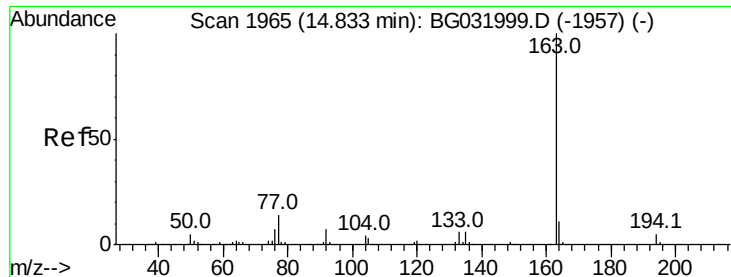
Tot Ion: 65 Resp: 89843
 Ion Ratio Lower Upper
 65 100
 92 78.1 54.6 82.0
 138 138.9 72.9 109.3#



#48
 Acenaphthylene
 Concen: 36.234 ng
 RT: 15.13 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion: 152 Resp: 625546
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.2 25.8
 153 13.9 10.2 15.4

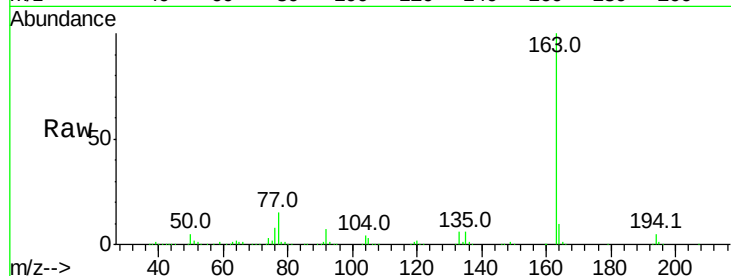




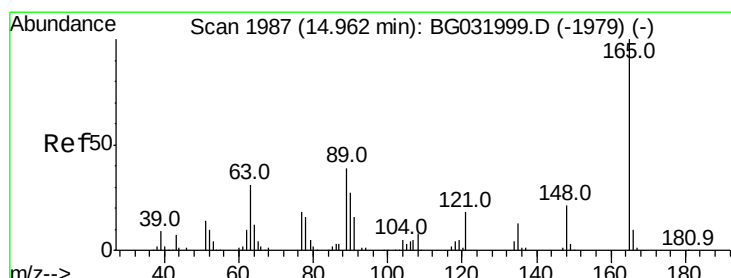
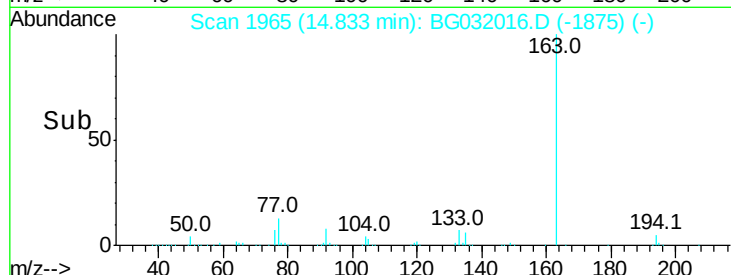
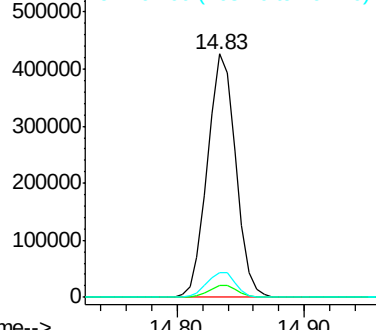
#49
Dimethylphthalate
Concen: 44.103 ng
RT: 14.83 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 656077
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 10.2 8.2 12.4

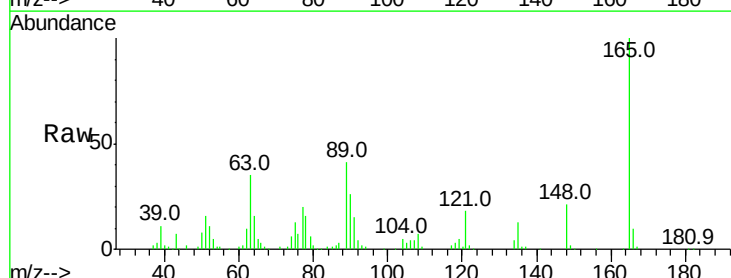


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

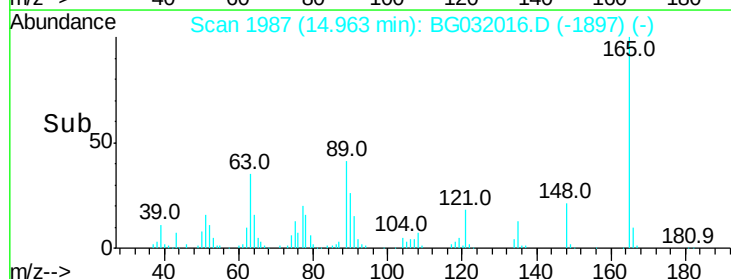
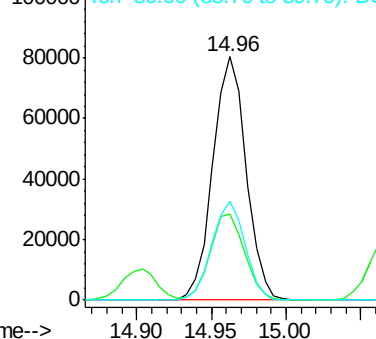


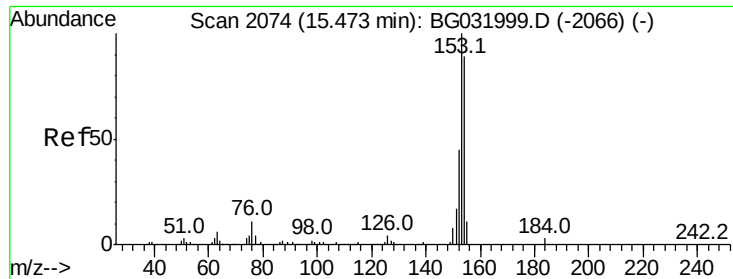
#50
2,6-Dinitrotoluene
Concen: 40.183 ng
RT: 14.96 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:165 Resp: 124077
Ion Ratio Lower Upper
165 100
63 35.3 52.7 79.1#
89 40.7 49.2 73.8#



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





#51

Acenaphthene

Concen: 41.848 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

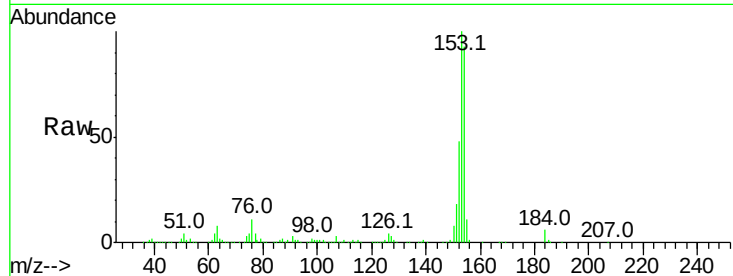
Tot Ion:154 Resp: 477726

Ion Ratio Lower Upper

154 100

153 108.0 90.4 135.6

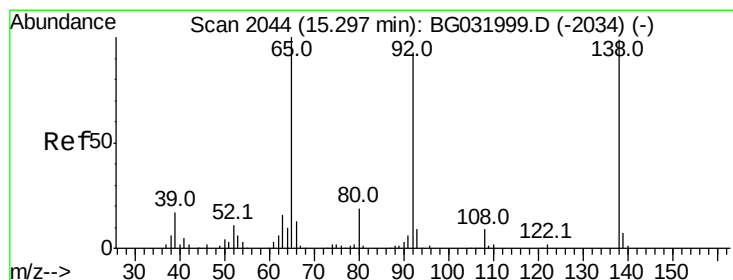
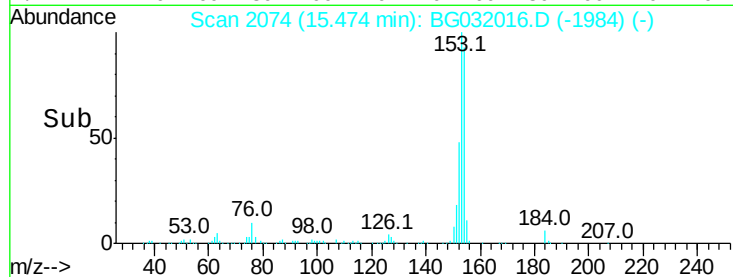
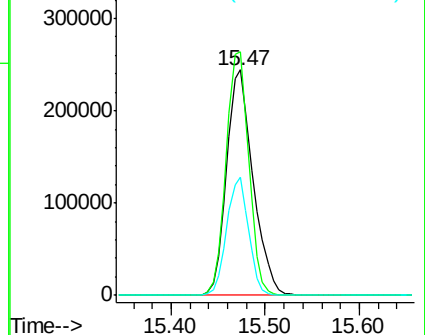
152 52.3 41.6 62.4



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: 31.593 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

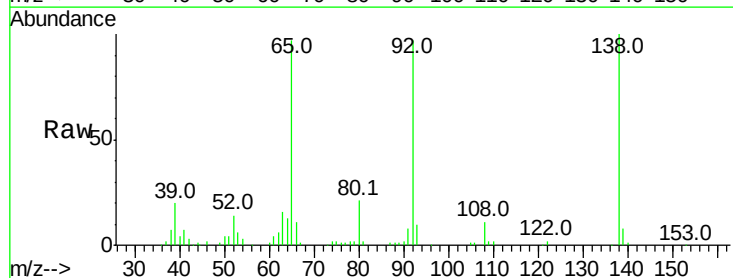
Tgt Ion:138 Resp: 88107

Ion Ratio Lower Upper

138 100

108 11.4 17.5 26.3#

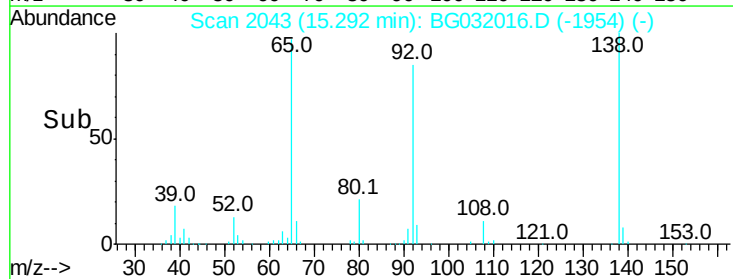
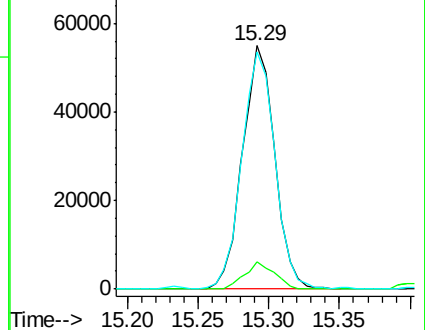
92 97.4 105.8 158.8#

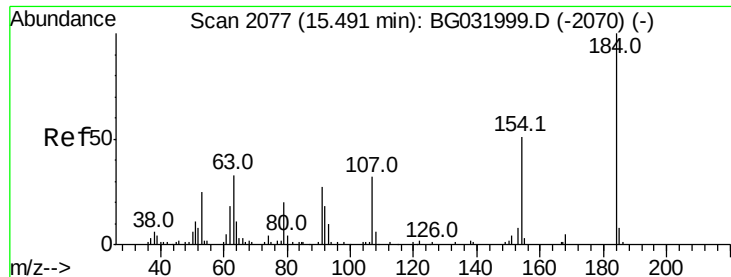


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

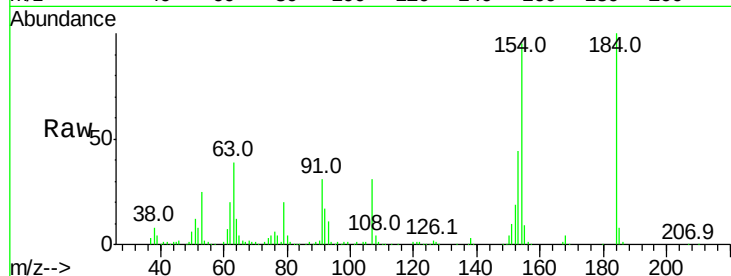




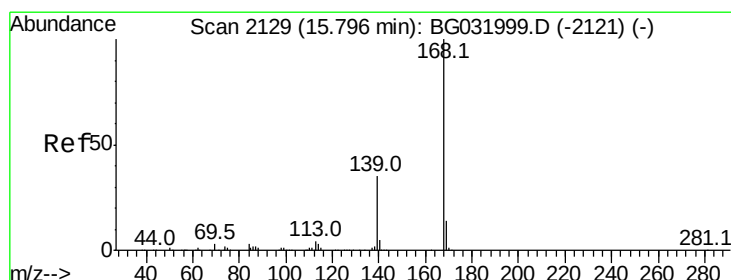
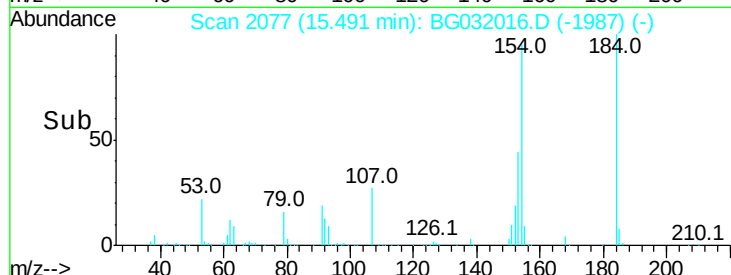
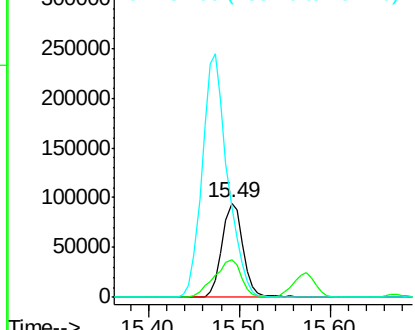
#53
2,4-Dinitrophenol
Concen: 97.572 ng
RT: 15.49 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 153727
Ion Ratio Lower Upper
184 100
63 39.1 59.8 89.8#
154 95.3 101.8 152.8#

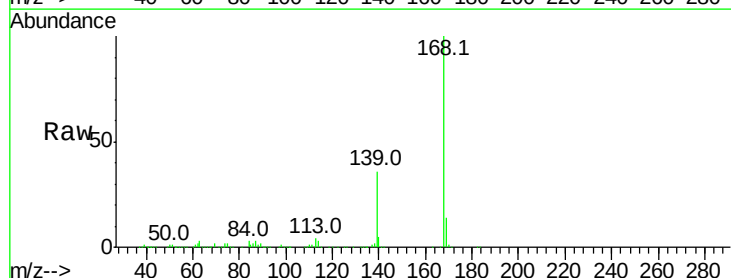


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

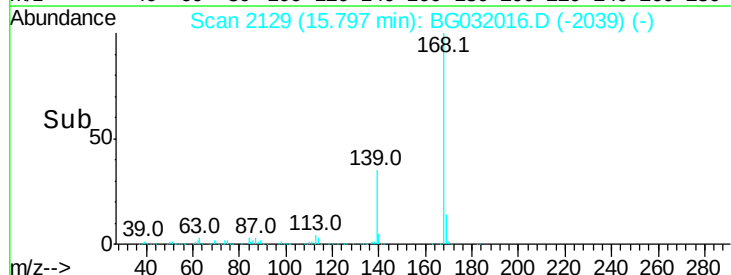
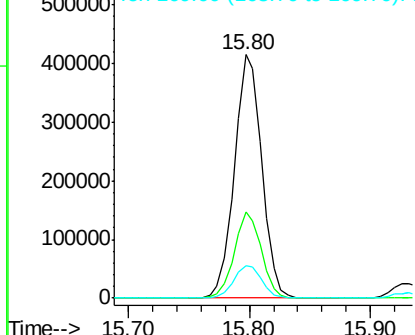


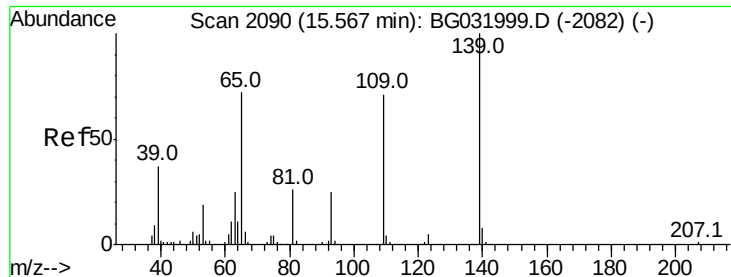
#54
Dibenzofuran
Concen: 38.410 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:168 Resp: 654113
Ion Ratio Lower Upper
168 100
139 35.5 28.6 43.0
169 13.6 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

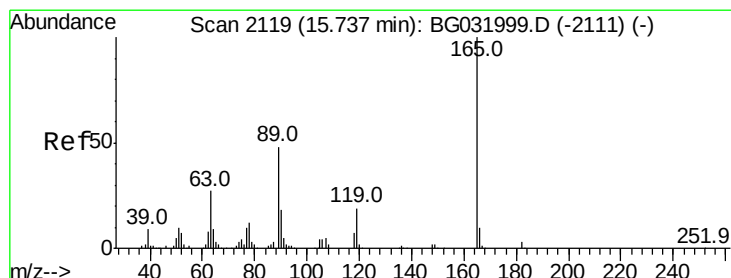
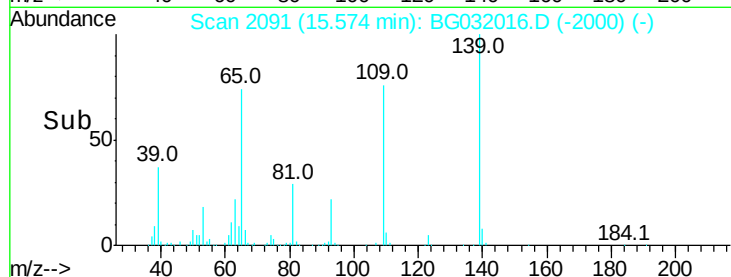
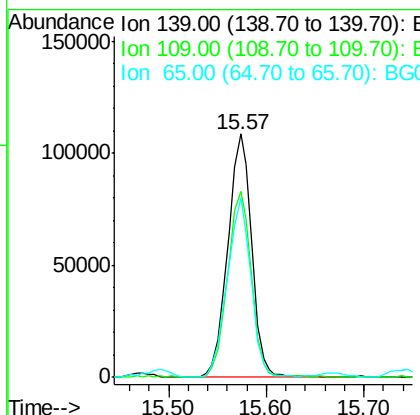
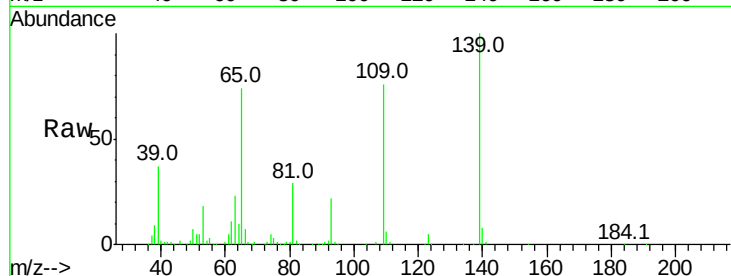




#55
4-Nitrophenol
Concen: 90.743 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

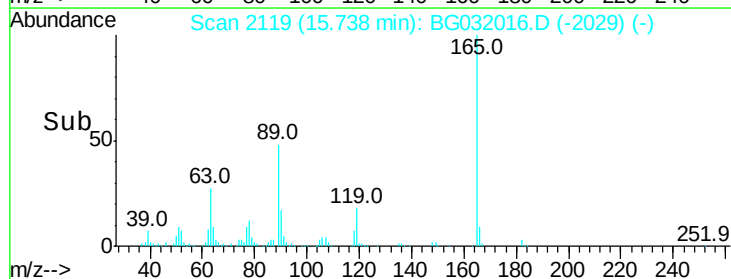
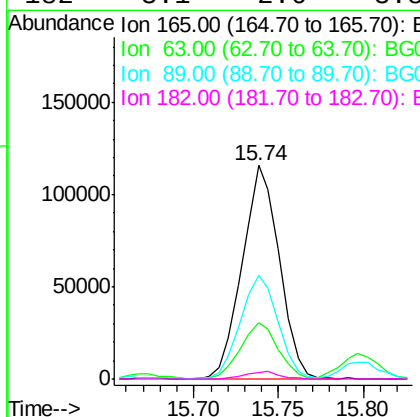
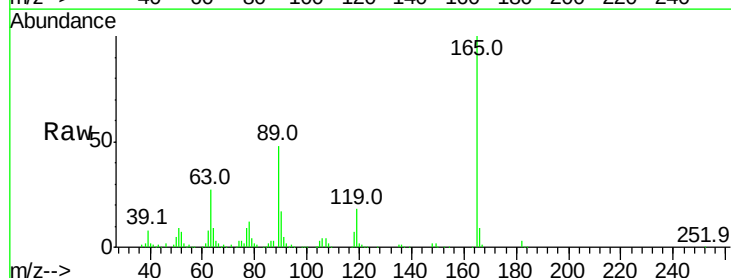
Instrument :
BNA_G
ClientSampled :

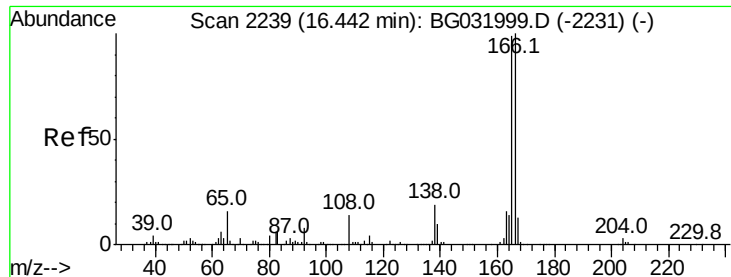
Tot Ion	Ratio	Lower	Upper
139	100		
109	76.3	62.2	102.2
65	74.0	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 42.549 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.6	42.0	63.0
89	48.4	66.9	100.3
182	3.1	2.6	3.8

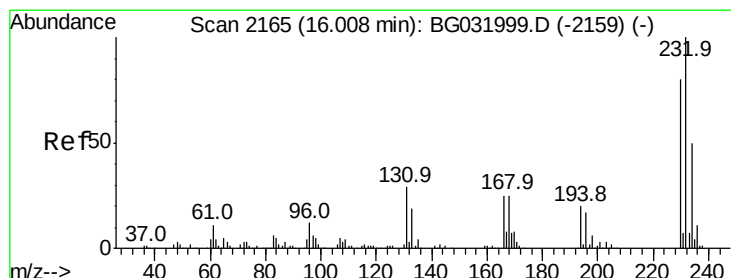
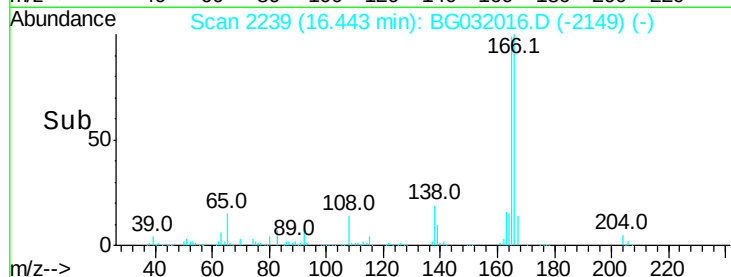
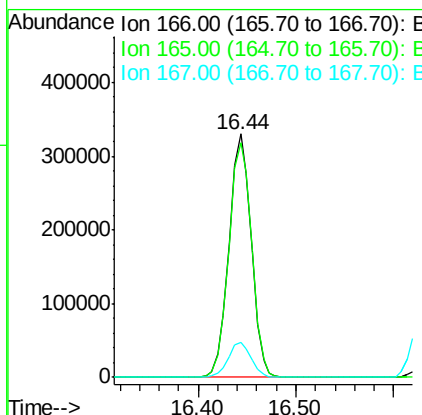
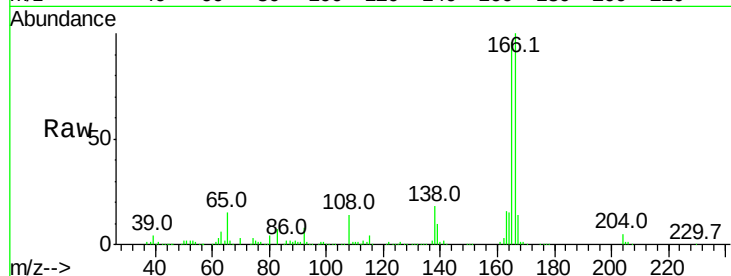




#57
 Fluorene
 Concen: 37.303 ng
 RT: 16.44 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

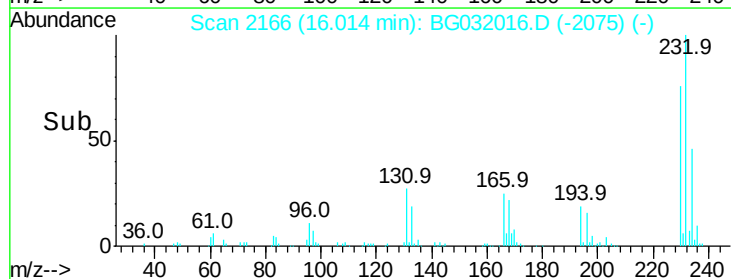
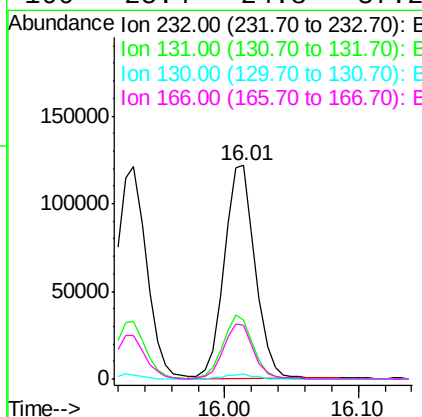
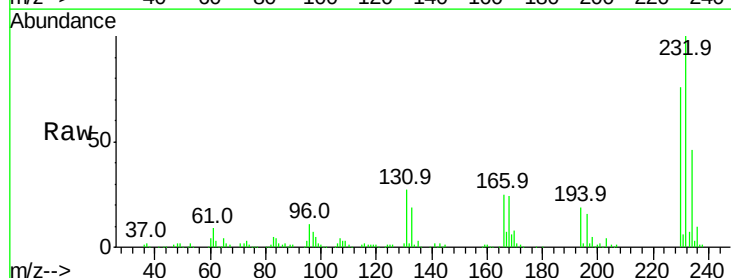
Instrument :
 BNA_G
 ClientSampleId :

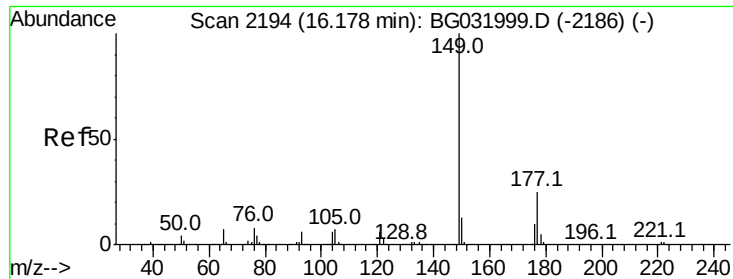
Tot Ion:166 Resp: 521004
 Ion Ratio Lower Upper
 166 100
 165 96.2 80.6 121.0
 167 14.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.068 ng
 RT: 16.01 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion:232 Resp: 196470
 Ion Ratio Lower Upper
 232 100
 131 28.7 33.5 50.3#
 130 2.0 2.2 3.2#
 166 25.4 24.8 37.2





#59

Diethylphthalate

Concen: 37.128 ng

RT: 16.18 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampled :

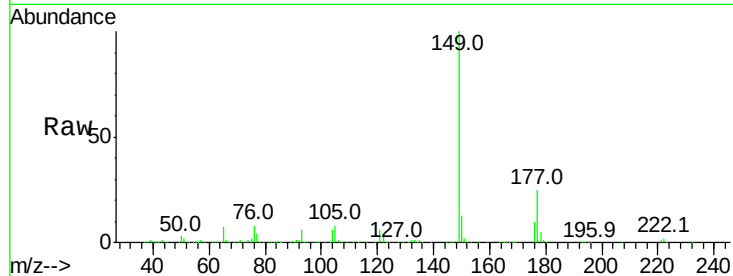
Tot Ion:149 Resp: 535447

Ion Ratio Lower Upper

149 100

177 24.9 18.5 27.7

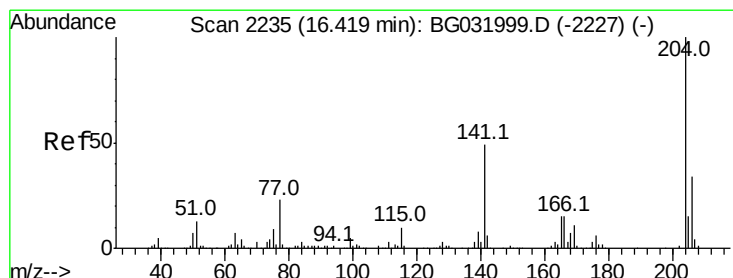
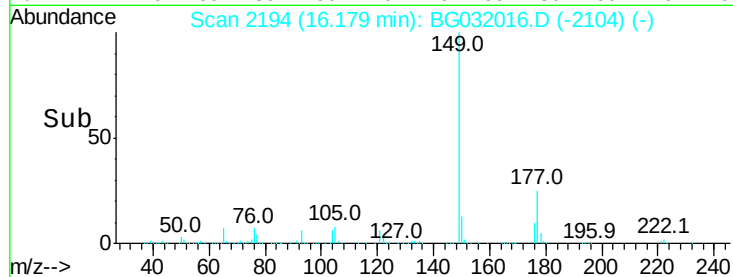
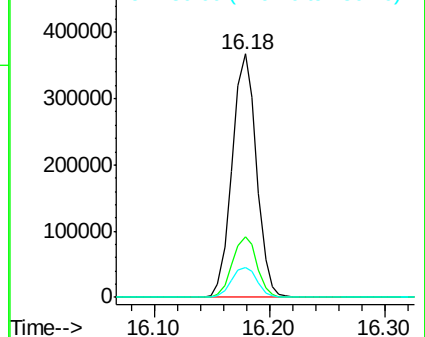
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.920 ng

RT: 16.42 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

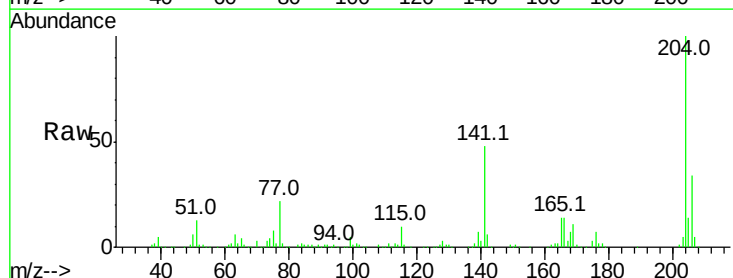
Tgt Ion:204 Resp: 324886

Ion Ratio Lower Upper

204 100

206 34.3 26.2 39.2

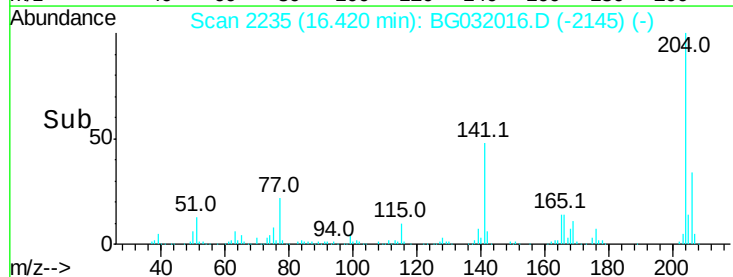
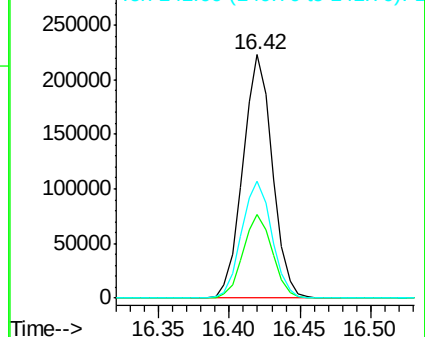
141 48.2 45.8 68.6

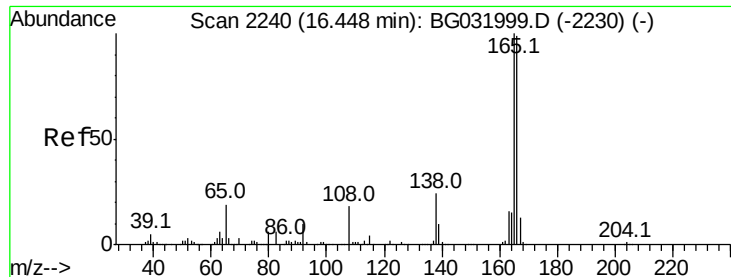


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

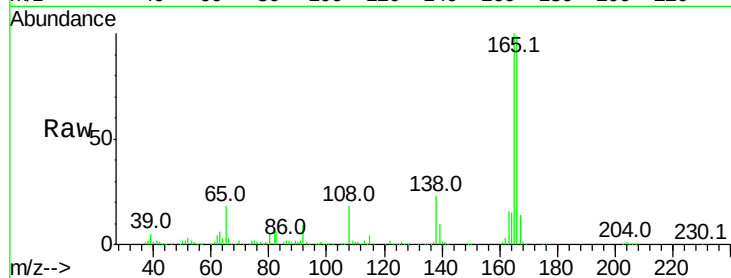




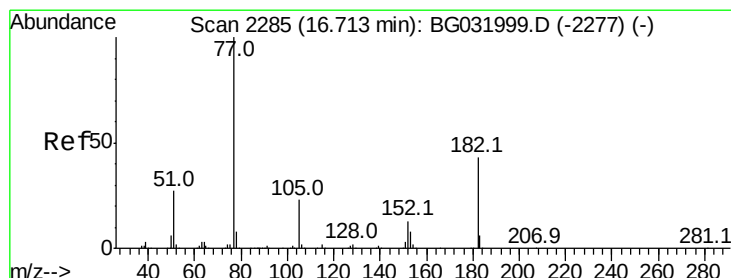
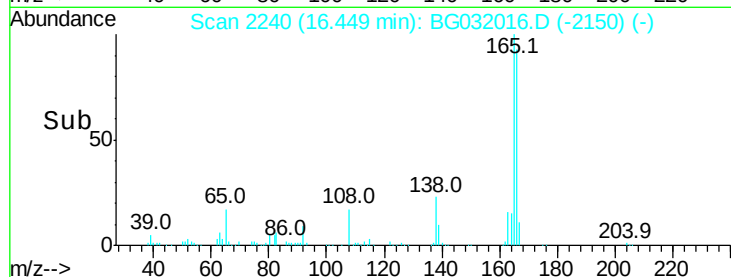
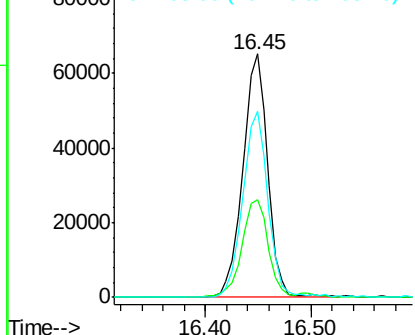
#61
4-Nitroaniline
Concen: 39.781 ng
RT: 16.45 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 106424
Ion Ratio Lower Upper
138 100
92 40.3 40.1 80.1
108 76.5 65.4 105.4

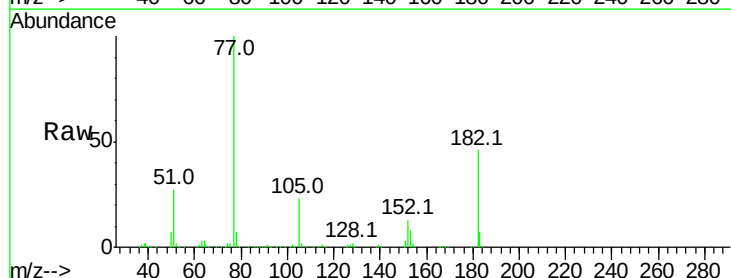


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

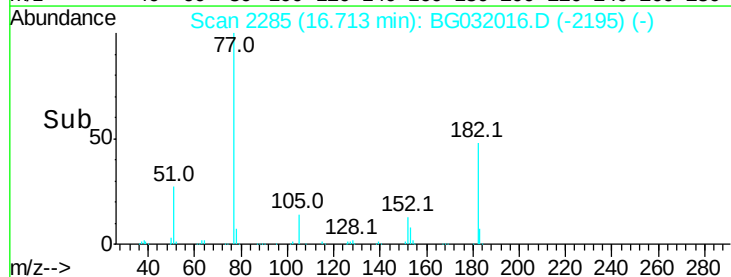
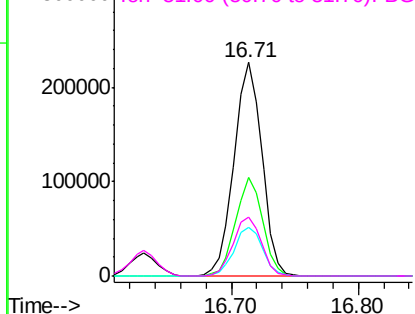


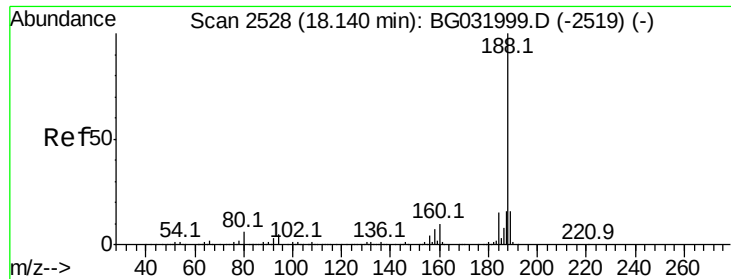
#62
Azobenzene
Concen: 38.160 ng
RT: 16.71 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion: 77 Resp: 344453
Ion Ratio Lower Upper
77 100
182 46.1 7.4 47.4
105 22.7 0.3 40.3
51 27.4 11.6 51.6



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

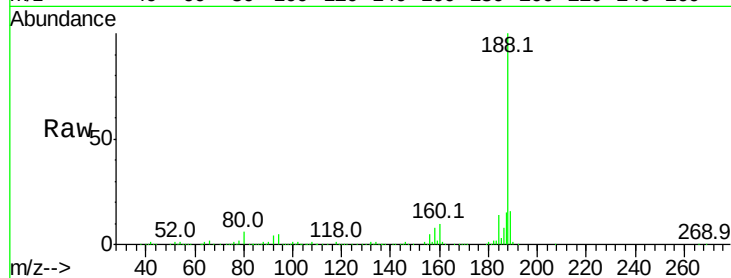




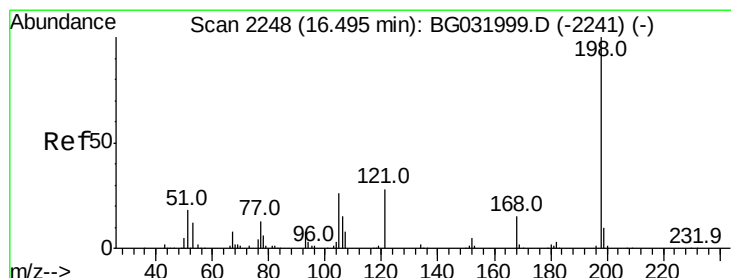
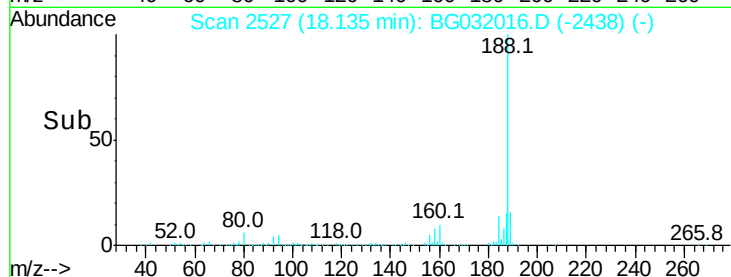
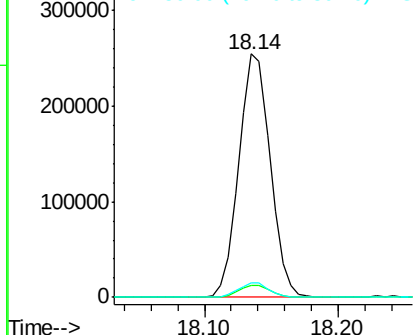
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 414257
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.8 7.7 11.5#

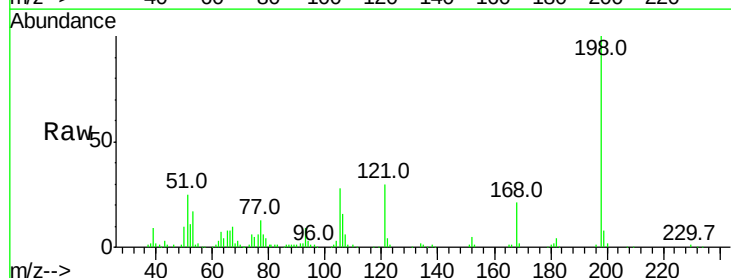


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

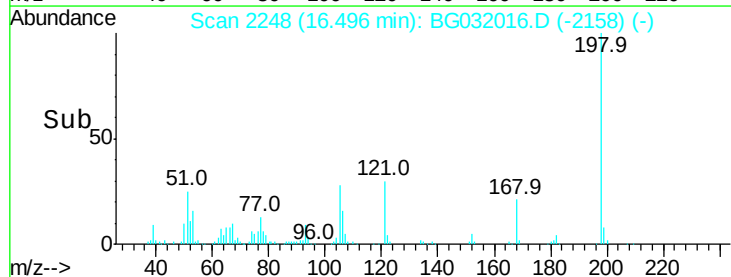
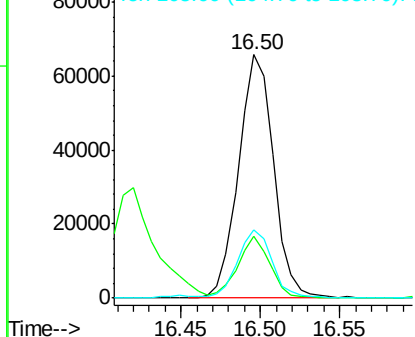


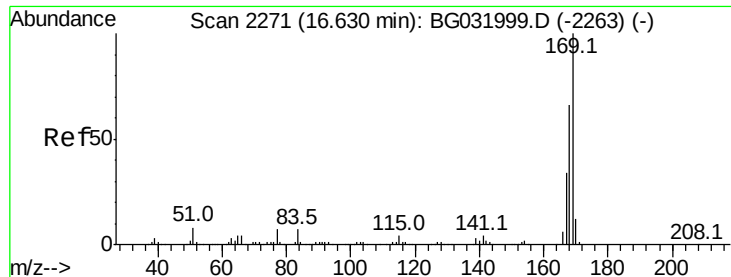
#64
4,6-Dinitro-2-methylphenol
Concen: 39.038 ng
RT: 16.50 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:198 Resp: 100819
Ion Ratio Lower Upper
198 100
51 25.4 30.6 70.6#
105 28.1 23.8 63.8



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





#65

n-Nitrosodiphenylamine

Concen: 38.301 ng

RT: 16.63 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

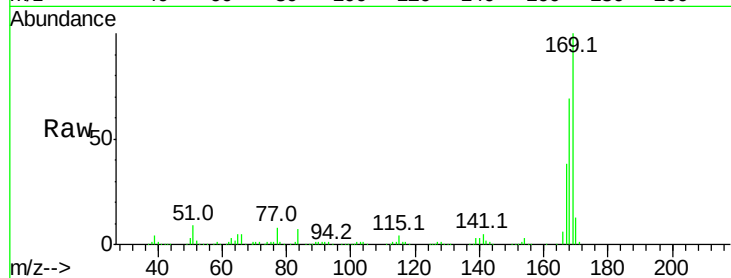
Tot Ion:169 Resp: 481451

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

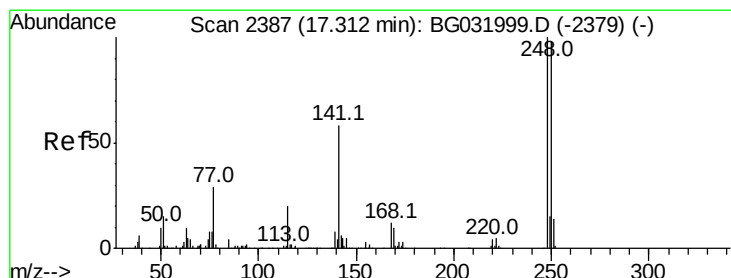
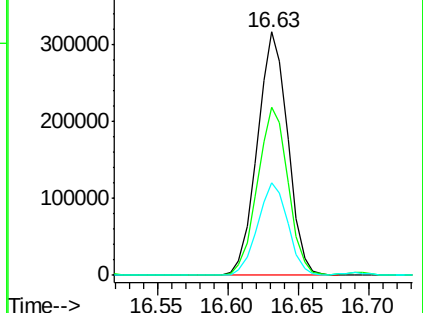
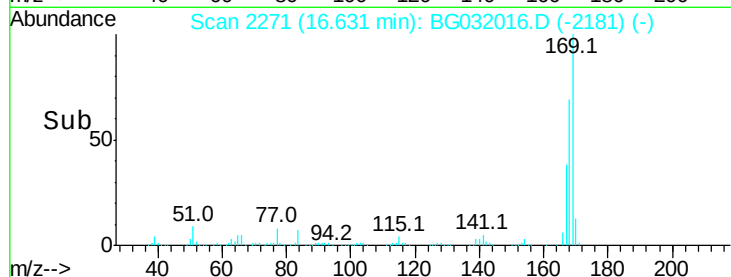
167 37.8 30.1 45.1



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: 39.022 ng

RT: 17.31 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

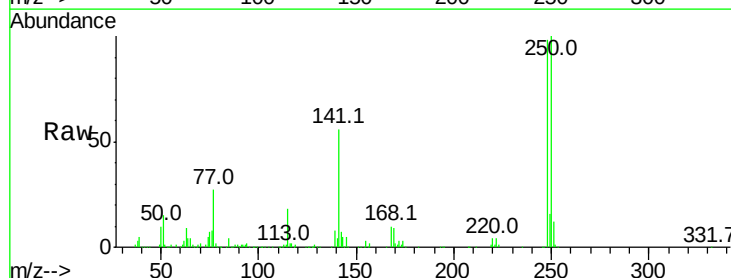
Tgt Ion:248 Resp: 230000

Ion Ratio Lower Upper

248 100

250 101.5 77.1 115.7

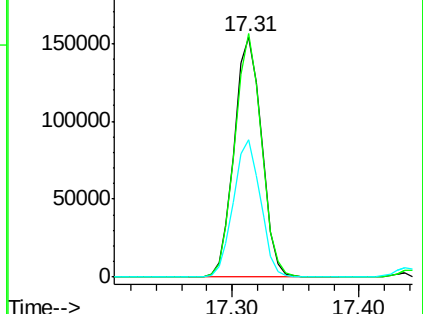
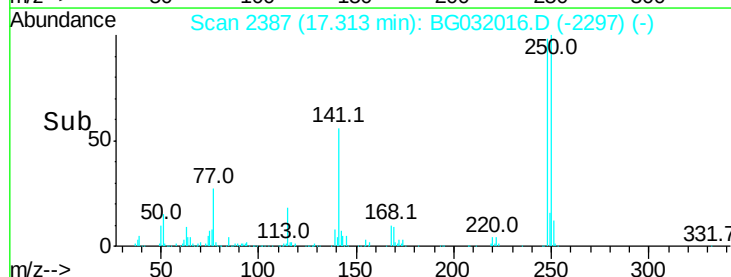
141 57.4 50.8 76.2

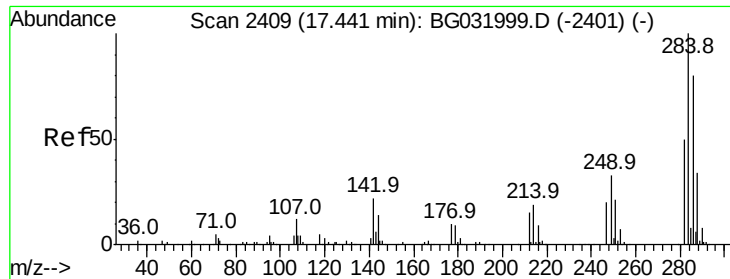


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

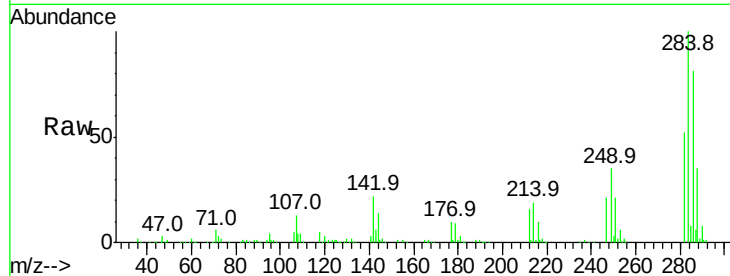




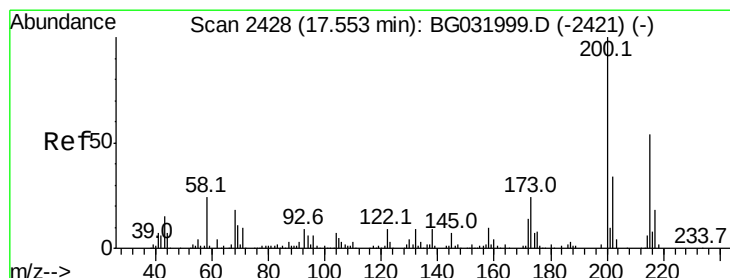
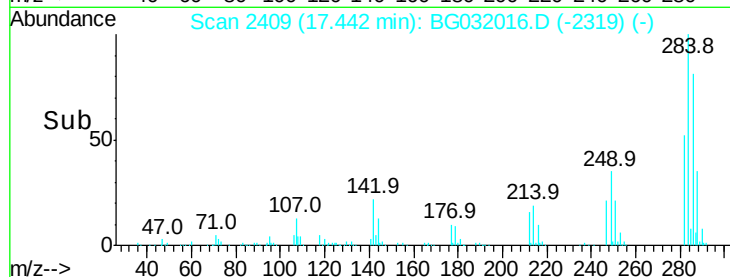
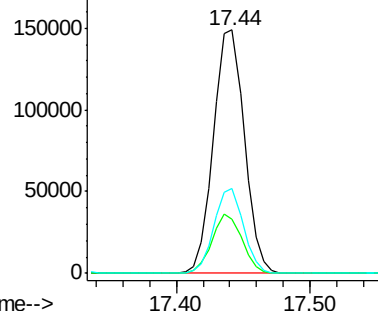
#67
Hexachlorobenzene
Concen: 36.578 ng
RT: 17.44 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 238524
Ion Ratio Lower Upper
284 100
142 22.4 26.8 40.2#
249 34.9 26.3 39.5

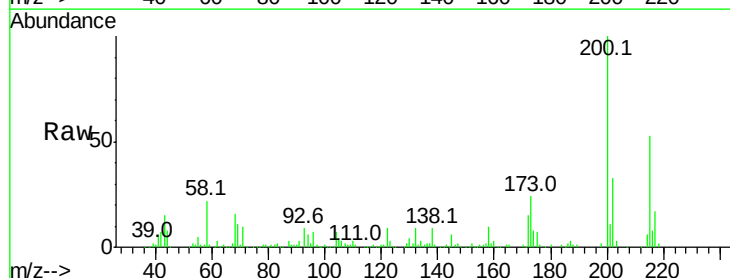


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

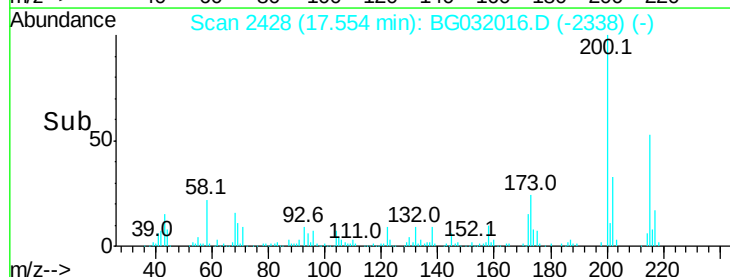
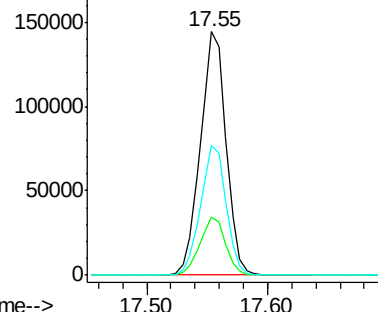


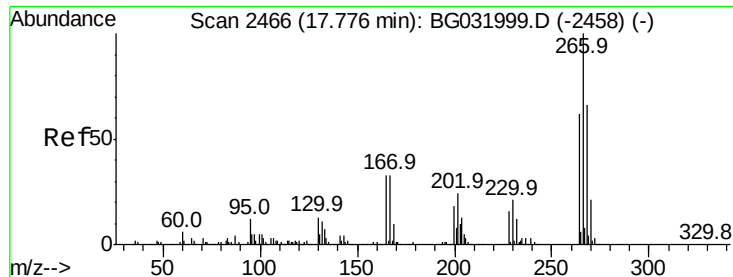
#68
Atrazine
Concen: 40.279 ng
RT: 17.55 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:200 Resp: 212930
Ion Ratio Lower Upper
200 100
173 24.0 5.2 45.2
215 53.3 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

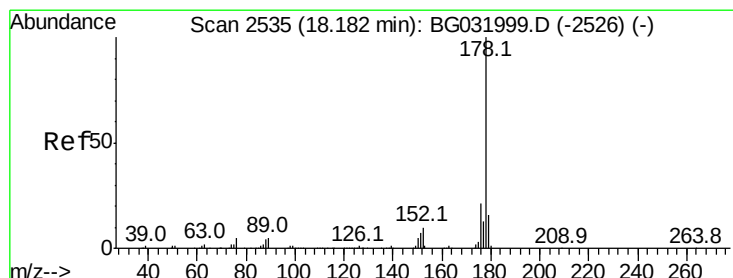
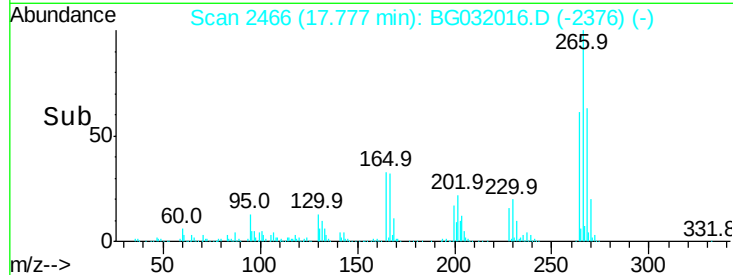
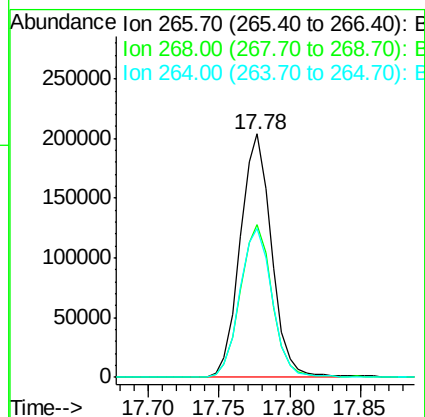
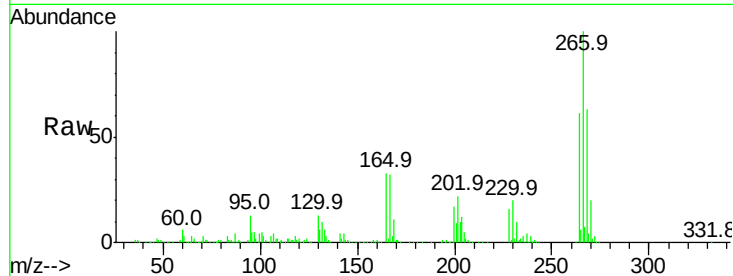




#69
 Pentachlorophenol
 Concen: 75.850 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

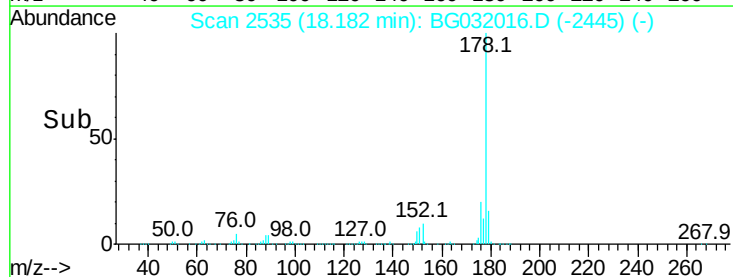
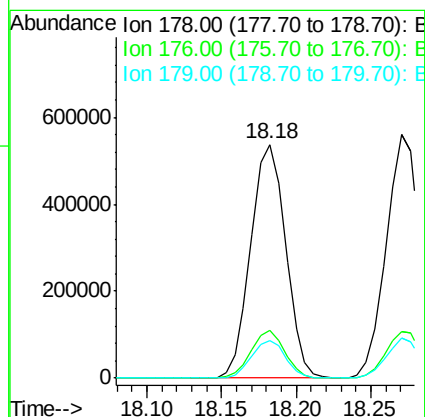
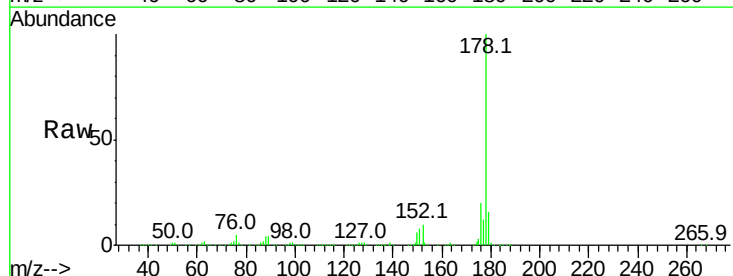
Instrument :
 BNA_G
 ClientSampleId :

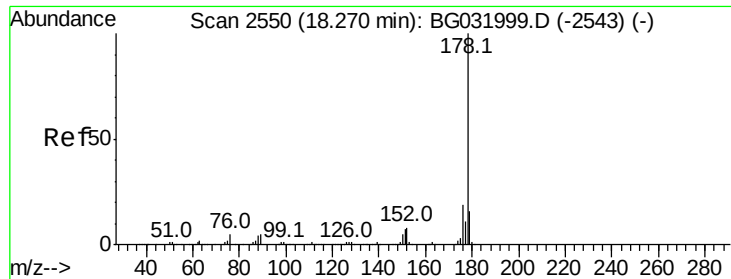
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.2	49.6	74.4



#70
 Phenanthrene
 Concen: 37.837 ng
 RT: 18.18 min Scan# 2535
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.9	12.5	18.7

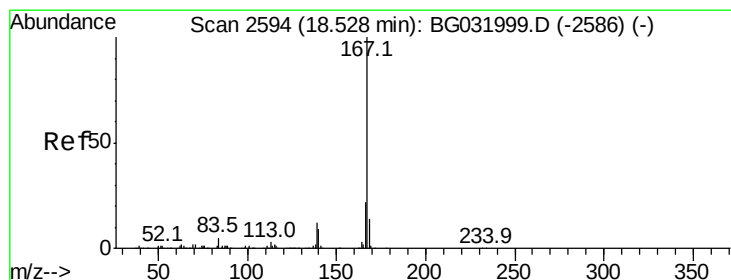
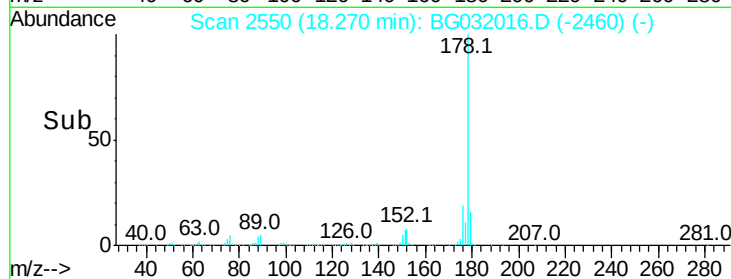
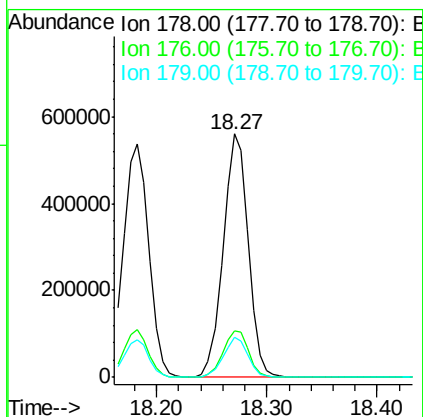
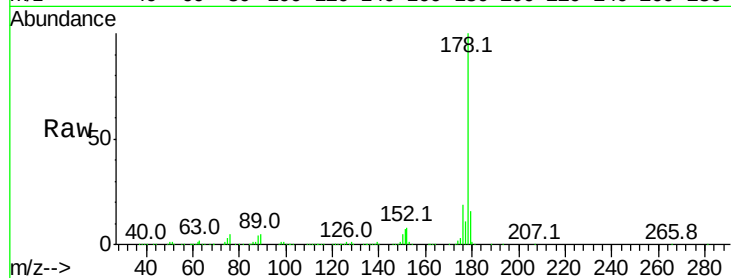




#71
 Anthracene
 Concen: 38.460 ng
 RT: 18.27 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

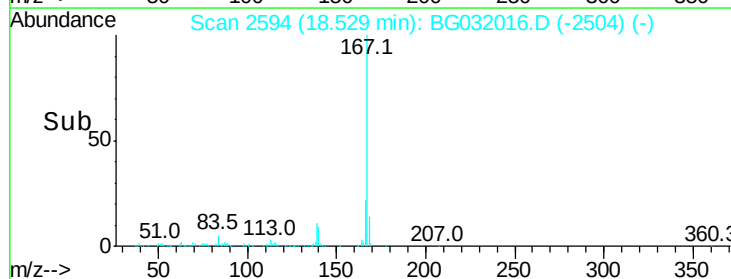
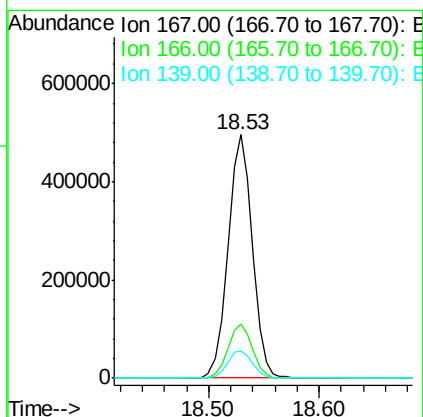
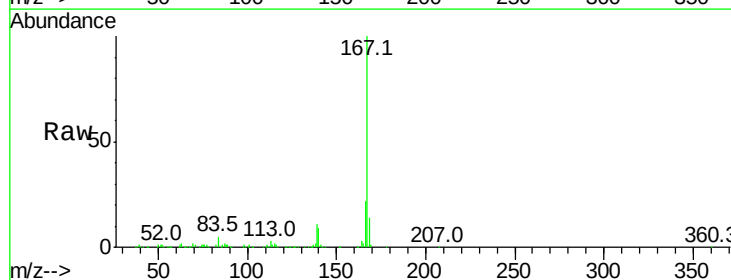
Instrument :
 BNA_G
 ClientSampleId :

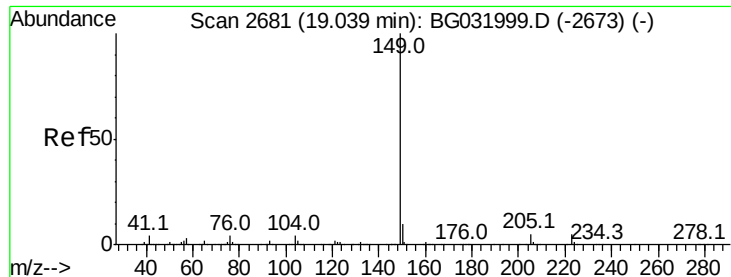
Tot Ion:178 Resp: 884739
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 38.189 ng
 RT: 18.53 min Scan# 2594
 Delta R.T. 0.00 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion:167 Resp: 762093
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.4
 139 11.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 37.189 ng

RT: 19.03 min Scan# 2680

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

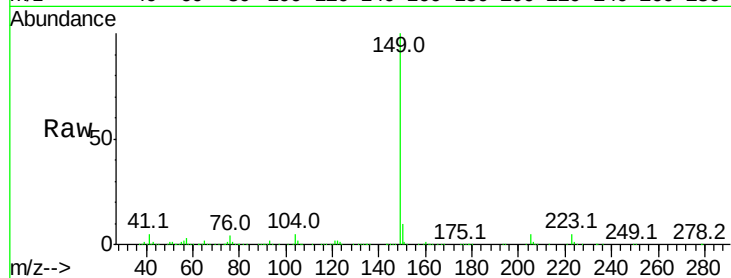
Tot Ion:149 Resp: 876928

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

104 4.5 3.9 5.9

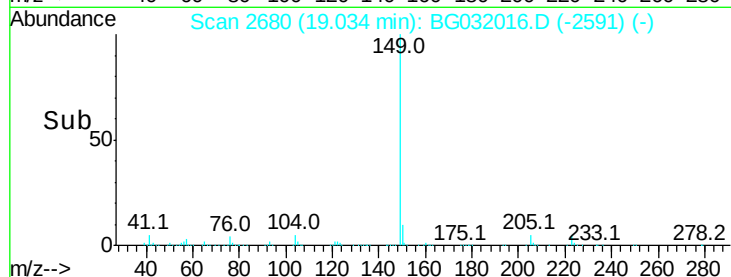


Abundance Ion 149.00 (148.70 to 149.70): E

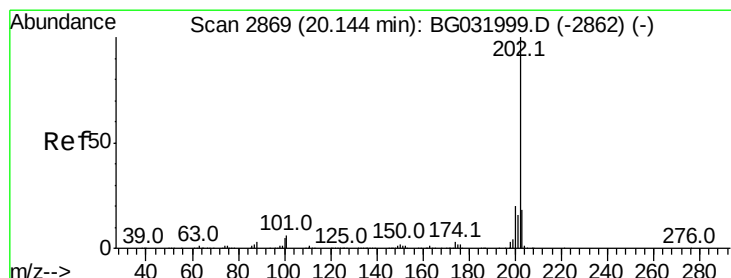
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

19.03



Time-->



#74

Fluoranthene

Concen: 37.797 ng

RT: 20.14 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

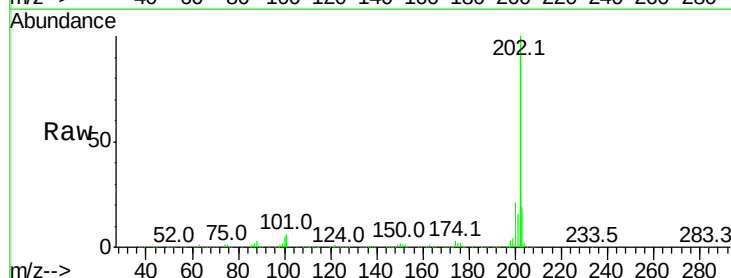
Tgt Ion:202 Resp: 1091491

Ion Ratio Lower Upper

202 100

101 5.8 0.0 28.9

203 18.8 0.0 37.5

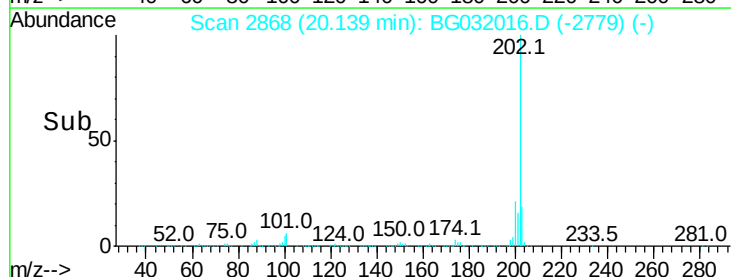


Abundance Ion 202.00 (201.70 to 202.70): E

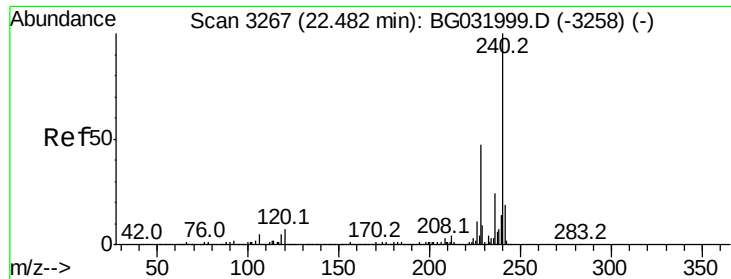
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

20.14



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

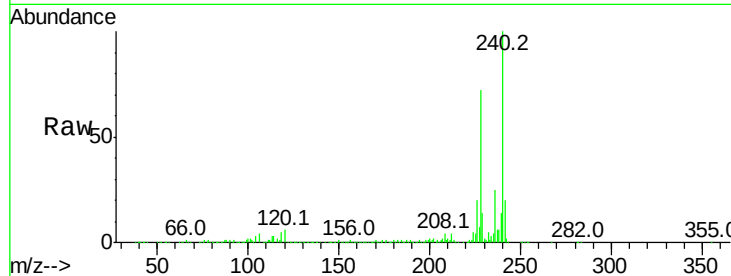
Tot Ion:240 Resp: 474771

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

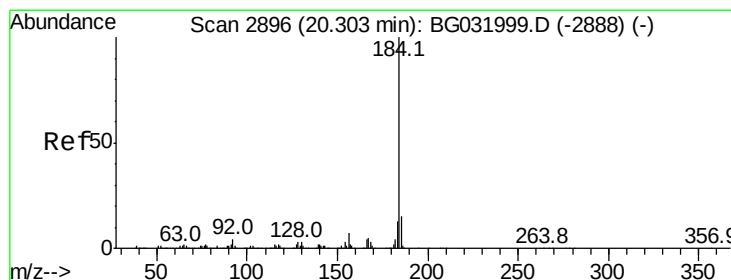
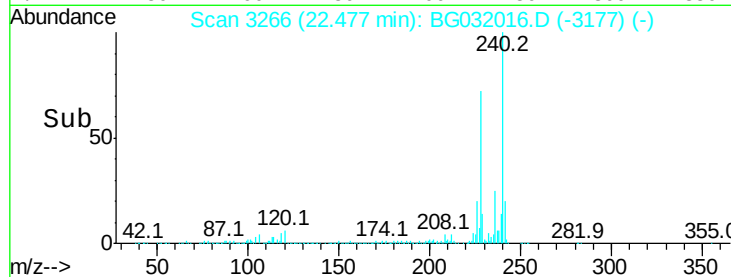
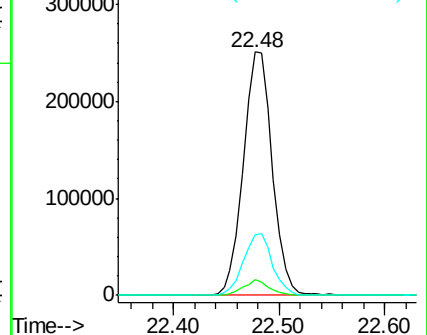
236 24.9 20.9 31.3



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: 22.735 ng

RT: 20.30 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

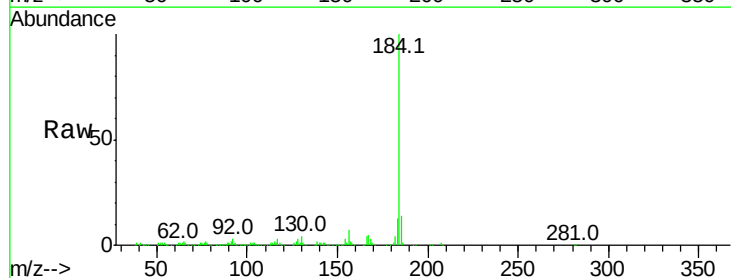
Tgt Ion:184 Resp: 269919

Ion Ratio Lower Upper

184 100

185 14.0 11.1 16.7

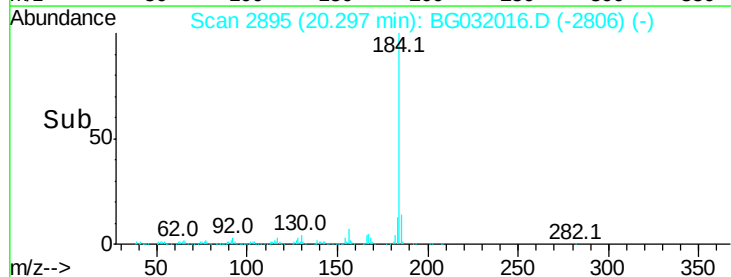
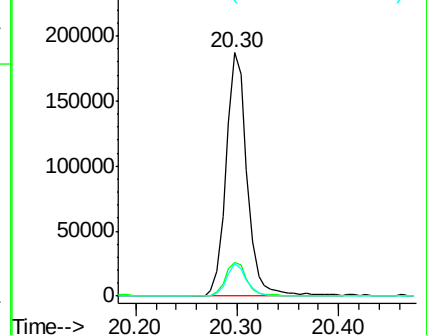
183 13.2 10.6 16.0

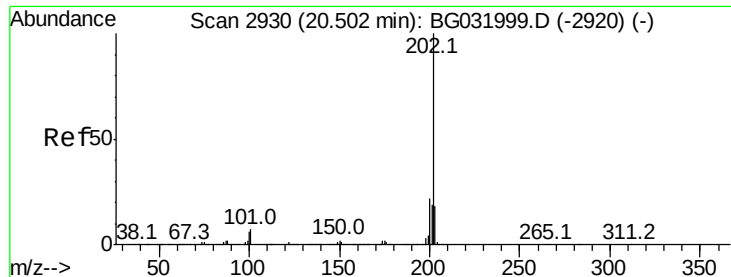


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.361 ng

RT: 20.50 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampled :

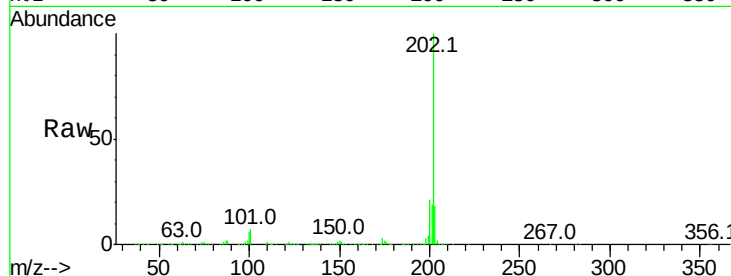
Tot Ion:202 Resp: 1115074

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

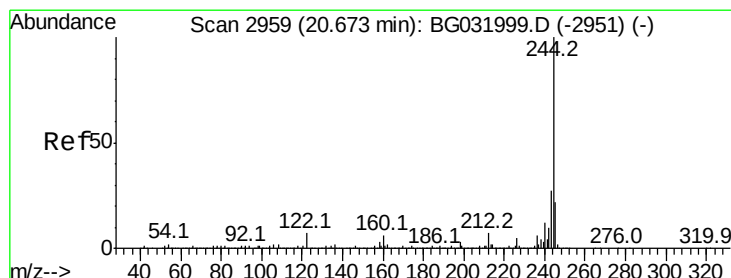
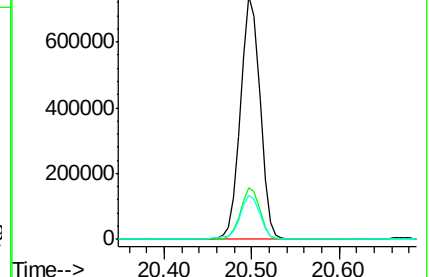
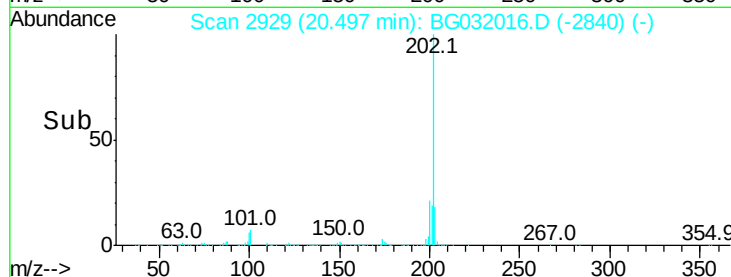
203 18.2 13.9 20.9



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: 79.884 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

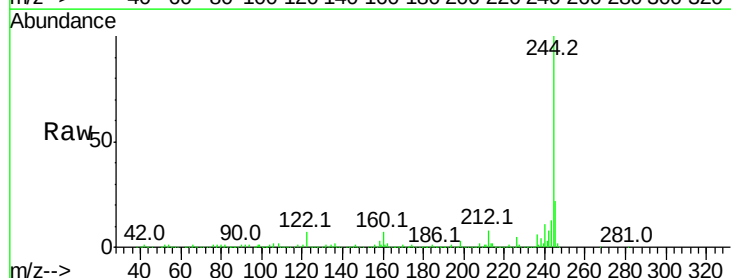
Tgt Ion:244 Resp: 1717664

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

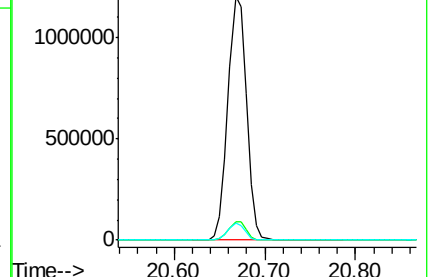
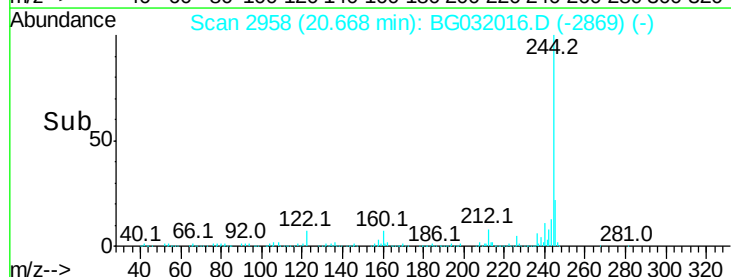
122 7.0 7.0 10.4

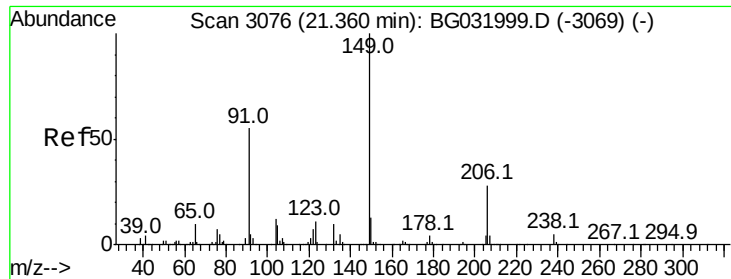


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

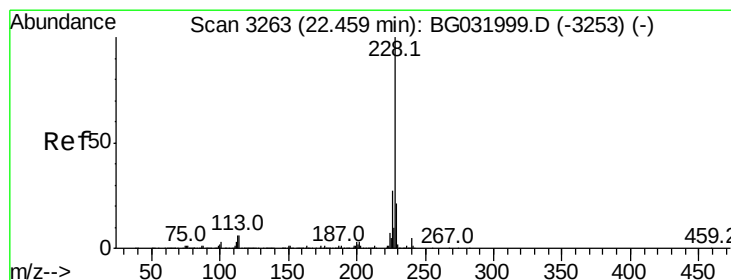
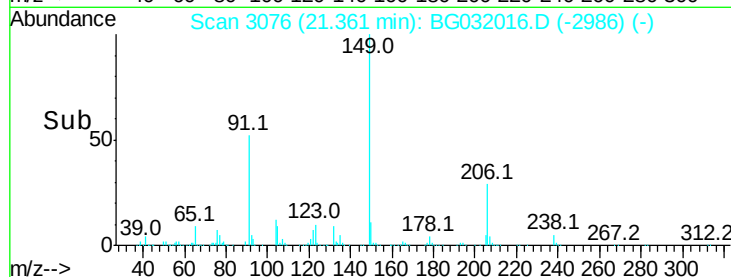
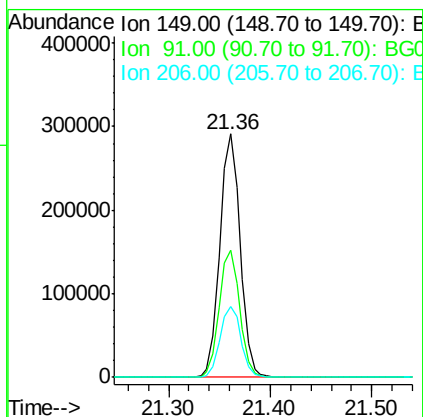
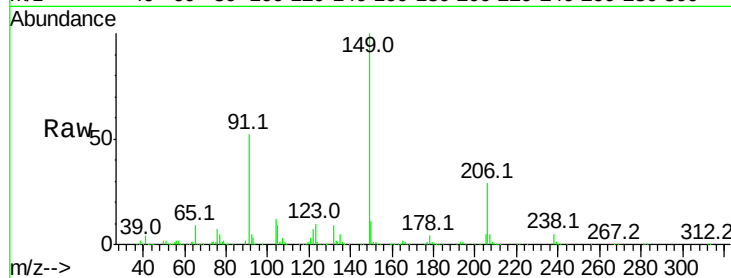




#79
Butylbenzylphthalate
Concen: 37.915 ng
RT: 21.36 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

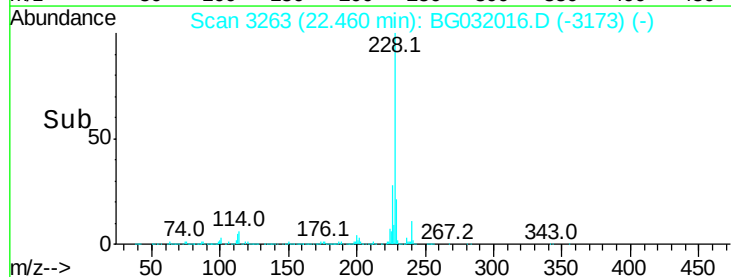
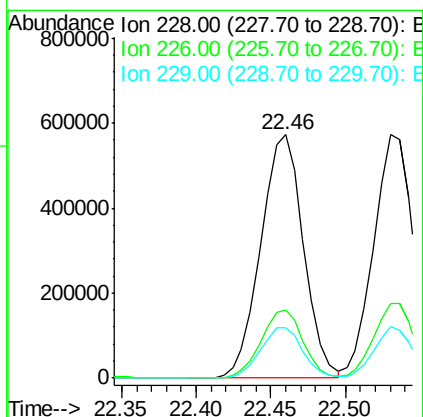
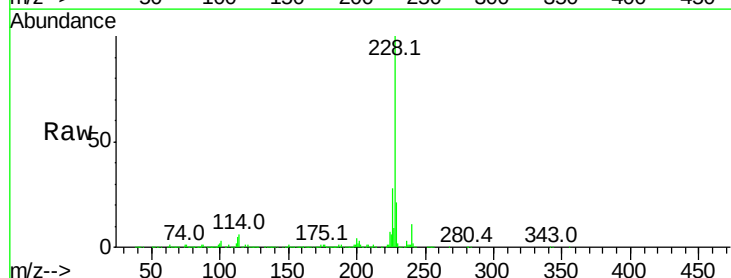
Instrument :
BNA_G
ClientSampleId :

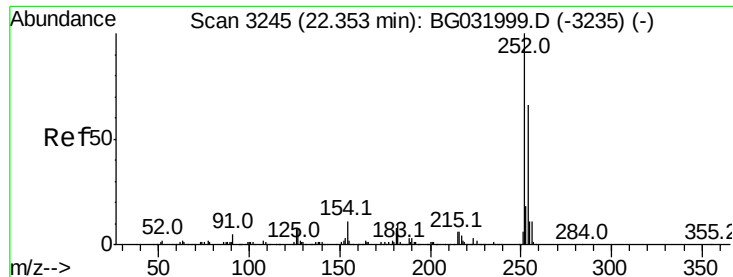
Tot Ion:149 Resp: 405447
Ion Ratio Lower Upper
149 100
91 52.0 62.2 93.2#
206 29.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 38.427 ng
RT: 22.46 min Scan# 3263
Delta R.T. 0.00 min
Lab File: BG032016.D
Acq: 12 Jan 2018 23:47

Tgt Ion:228 Resp: 1134609
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 20.6 16.2 24.2

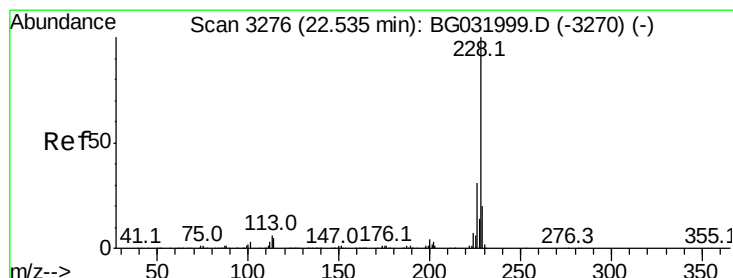
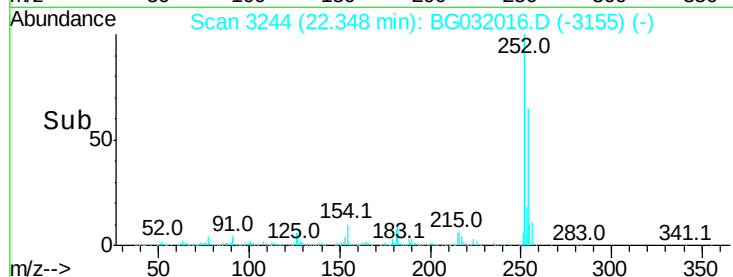
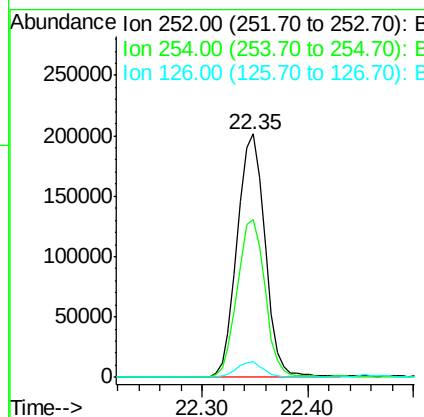
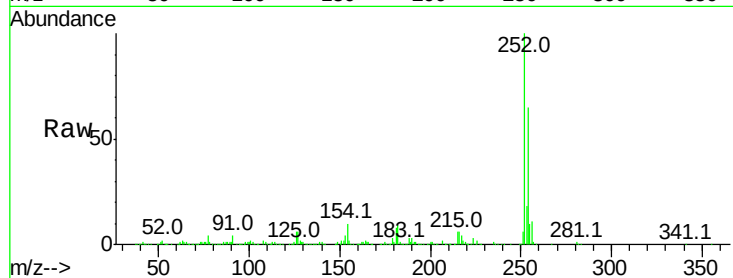




#81
 3,3'-Dichlorobenzidine
 Concen: 33.405 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

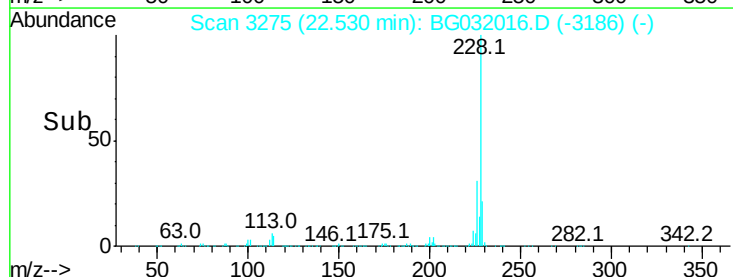
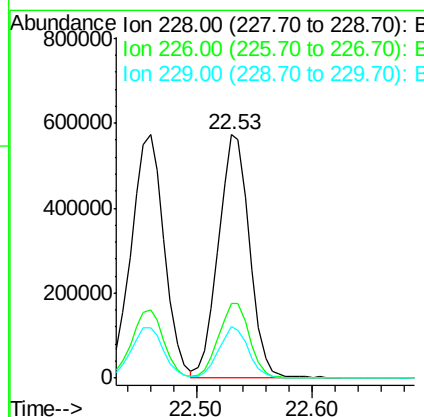
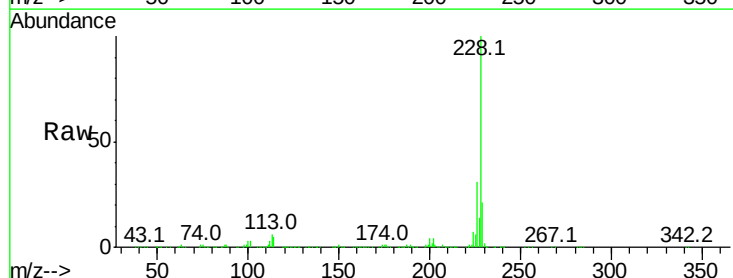
Instrument :
 BNA_G
 ClientSampleId :

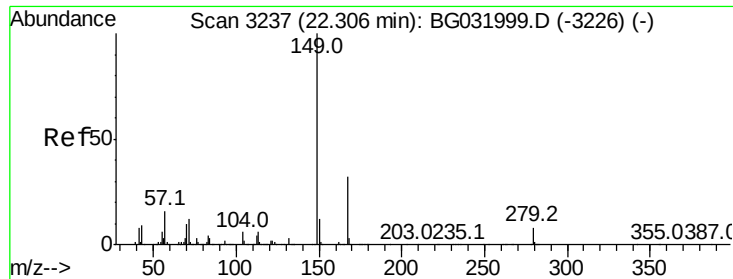
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.8	76.2
126	6.4	7.4	11.2#



#82
 Chrysene
 Concen: 37.433 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.1	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.783 ng

RT: 22.30 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

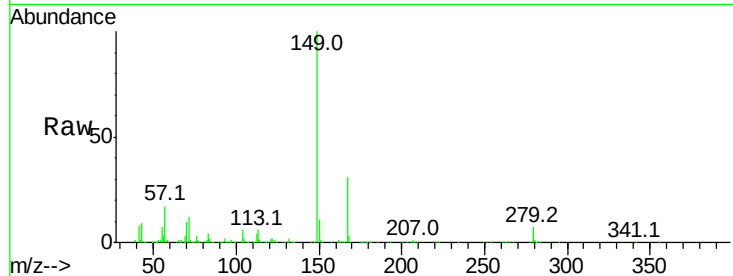
Tot Ion:149 Resp: 576788

Ion Ratio Lower Upper

149 100

167 31.2 24.3 36.5

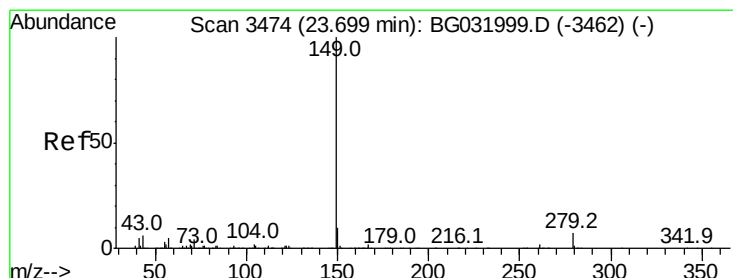
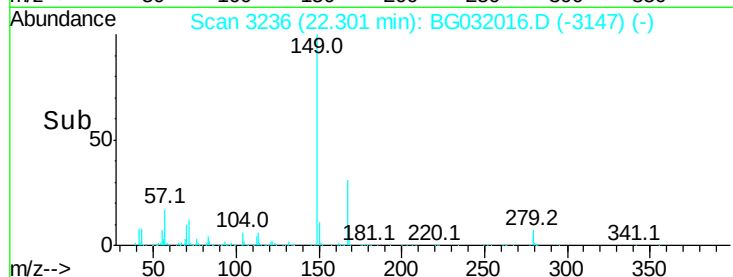
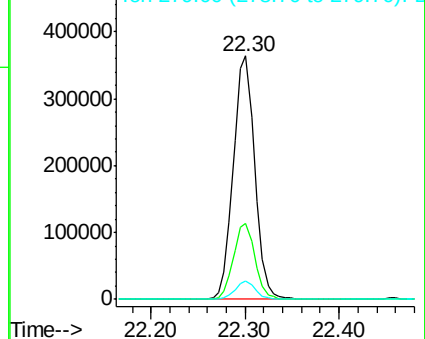
279 7.4 4.0 6.0#



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: 39.464 ng

RT: 23.69 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

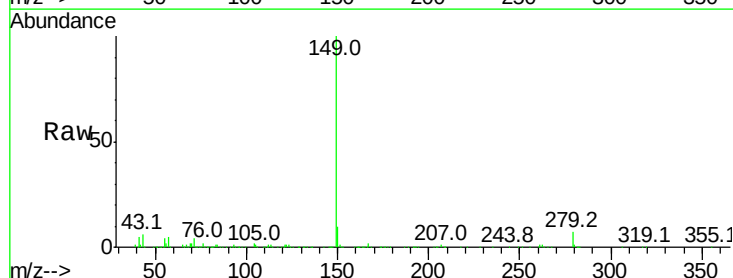
Tgt Ion:149 Resp: 982851

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

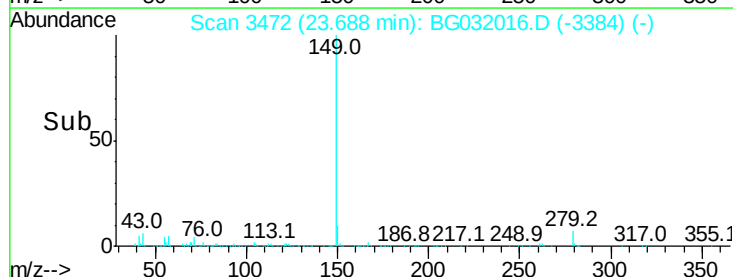
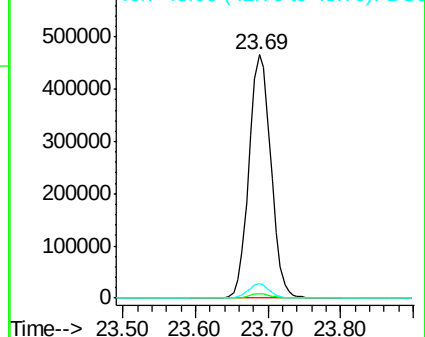
43 5.7 8.9 13.3#

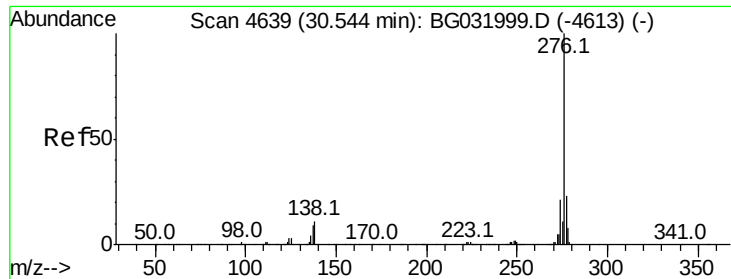


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

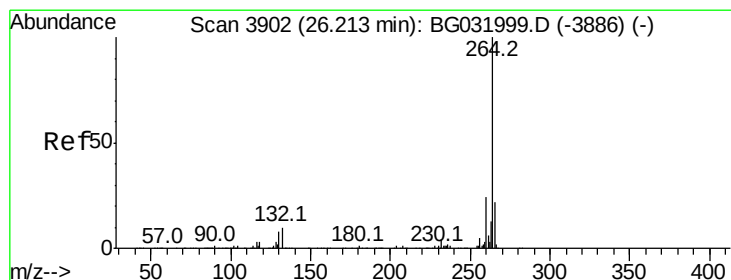
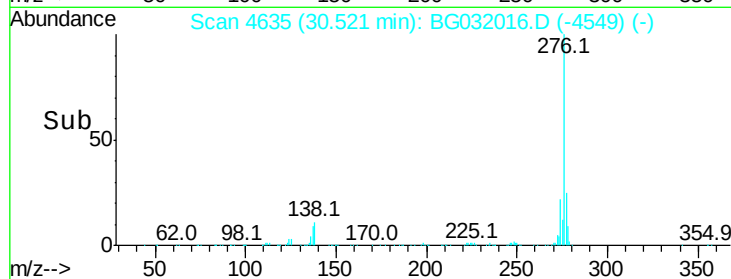
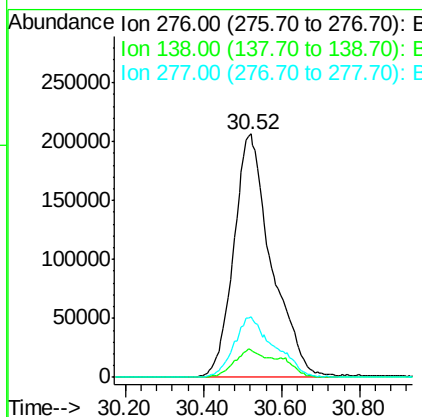
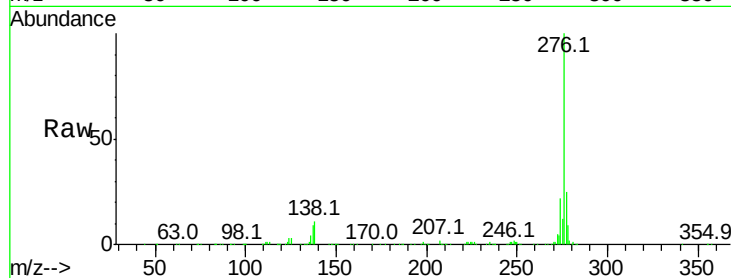




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.781 ng
 RT: 30.52 min Scan# 4635
 Delta R.T. -0.02 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

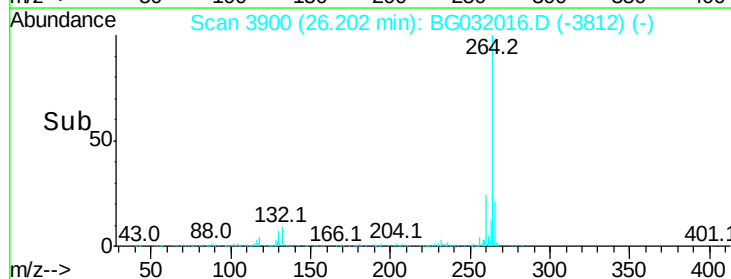
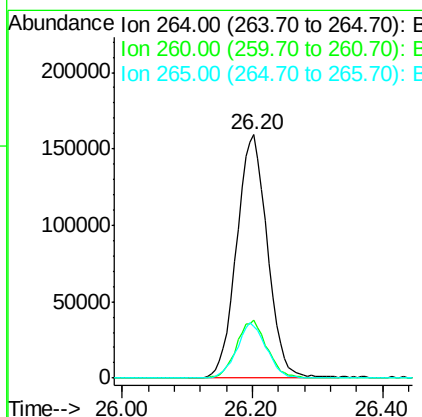
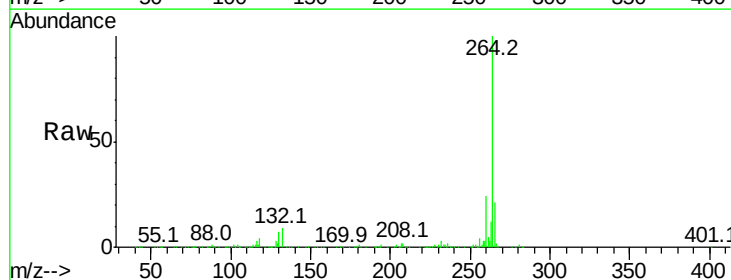
Instrument :
 BNA_G
 ClientSampleId :

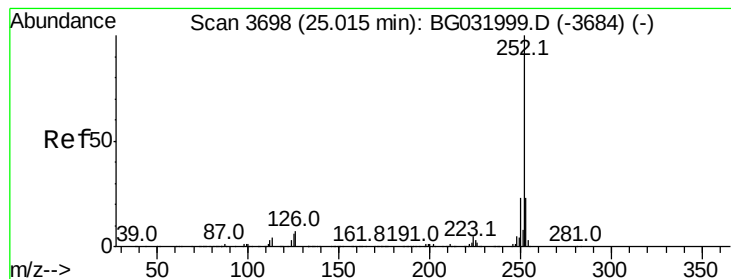
Tot Ion:276 Resp: 1380488
 Ion Ratio Lower Upper
 276 100
 138 10.7 16.0 24.0#
 277 26.5 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3900
 Delta R.T. -0.01 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Tgt Ion:264 Resp: 520661
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 38.364 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampled :

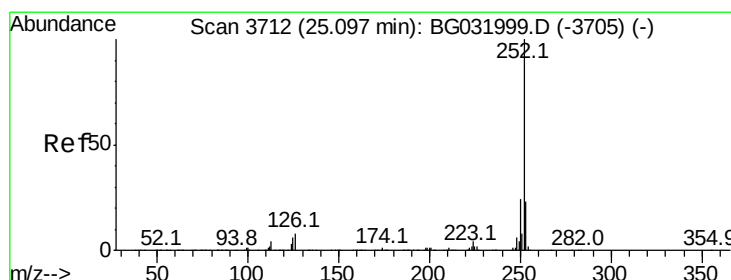
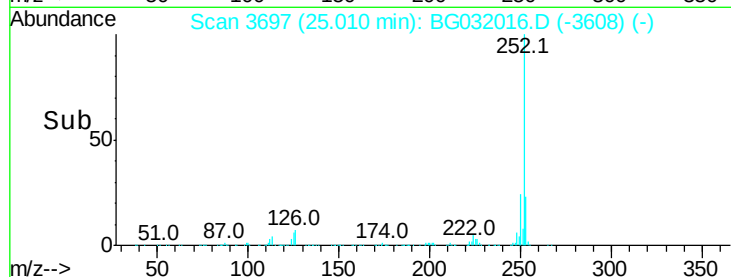
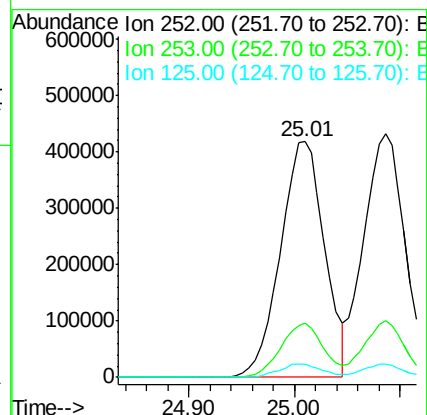
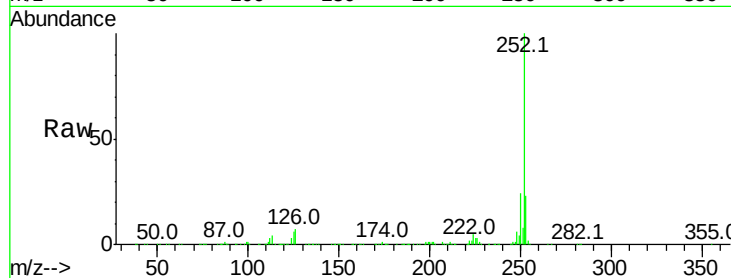
Tot Ion:252 Resp: 1207368

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

125 5.7 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 38.285 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.01 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

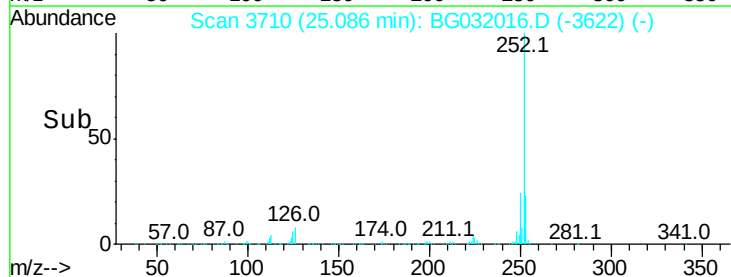
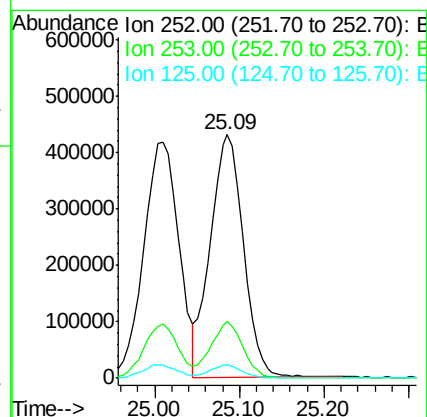
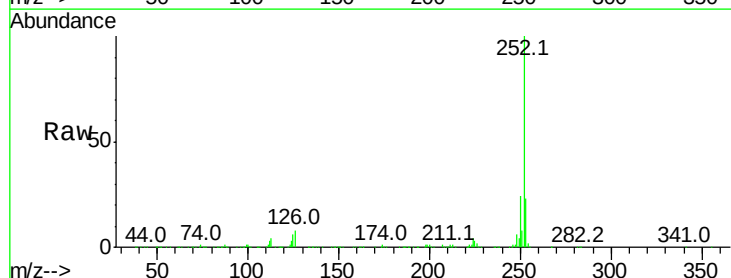
Tgt Ion:252 Resp: 1177369

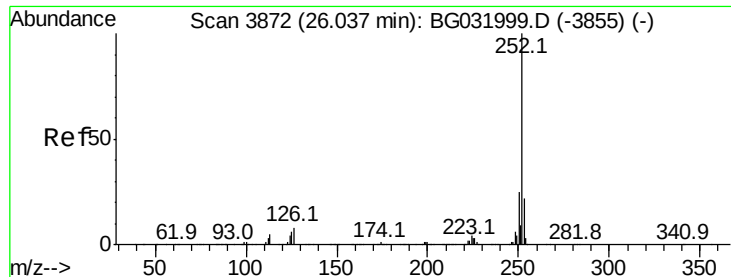
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 5.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.017 ng

RT: 26.02 min Scan# 3869

Delta R.T. -0.02 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

Instrument :

BNA_G

ClientSampleId :

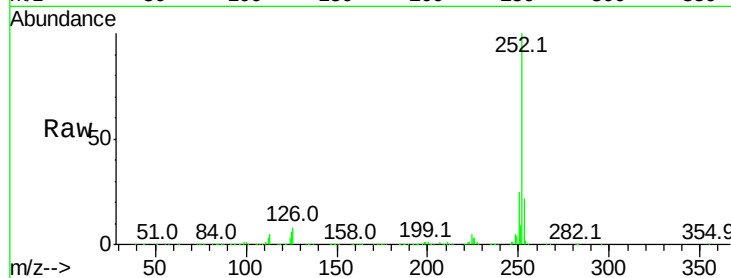
Tot Ion:252 Resp: 1161570

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

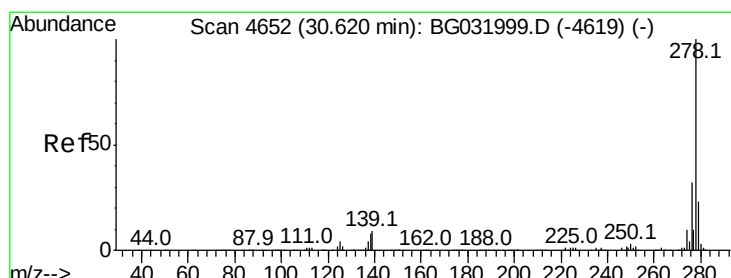
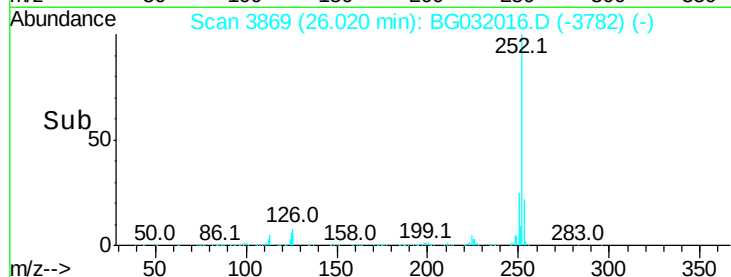
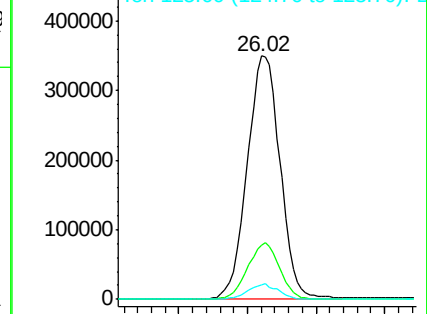
125 5.7 7.3 10.9#



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: 39.125 ng

RT: 30.60 min Scan# 4648

Delta R.T. -0.02 min

Lab File: BG032016.D

Acq: 12 Jan 2018 23:47

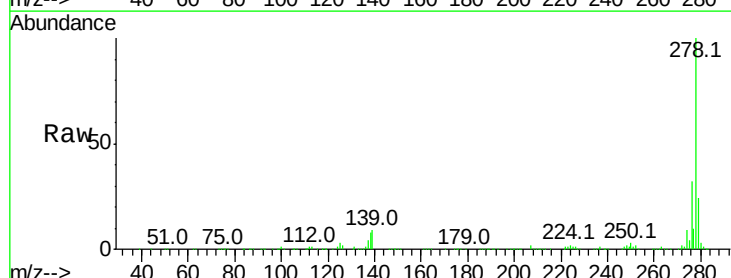
Tgt Ion:278 Resp: 1122411

Ion Ratio Lower Upper

278 100

139 9.4 9.8 14.6#

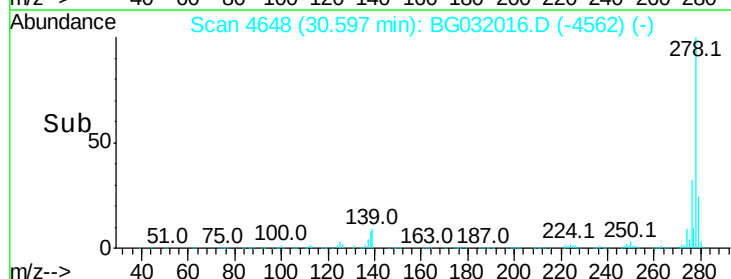
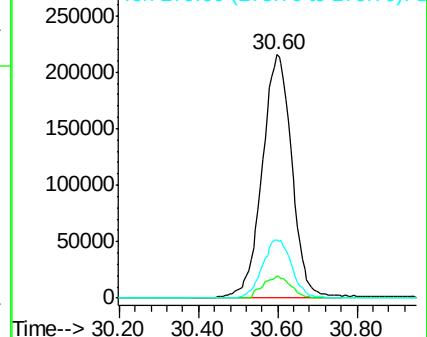
279 24.1 18.4 27.6

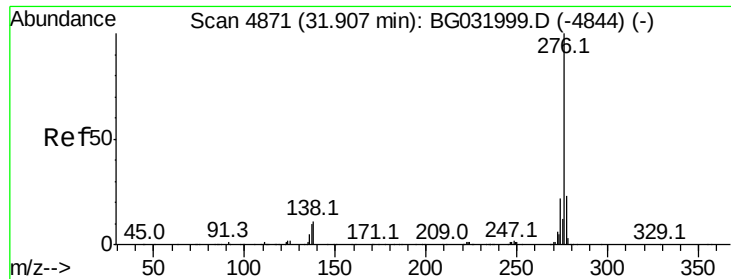


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



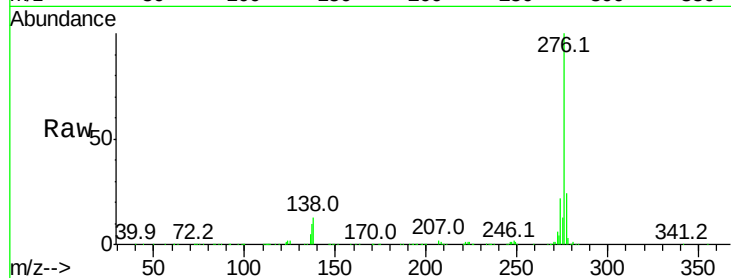


#91
 Benzo(a,h,i)perylene
 Concen: 39.479 ng
 RT: 31.88 min Scan# 4866
 Delta R.T. -0.03 min
 Lab File: BG032016.D
 Acq: 12 Jan 2018 23:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1157599

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	12.9	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

