

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
 Data File : BG031881.D
 Acq On : 2 Jan 2018 21:10
 Operator : SJ/JU
 Sample : I6686-08MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 03 00:10:18 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	44982	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	188400	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	138806	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	369592	20.00	ng	-0.01
75) Chrysene-d12	22.50	240	418063	20.00	ng	-0.01
86) Perylene-d12	26.23	264	445856	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	352020	142.54	ng	0.00
7) Phenol-d6	7.89	99	426758	133.09	ng	0.00
23) Nitrobenzene-d5	9.99	82	265751	106.52	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	343224	162.05	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	954192	86.28	ng	0.00
78) Terphenyl-d14	20.69	244	1815025	99.19	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.87	88	38766	42.345	ng	# 75
3) Pyridine	4.33	79	75229	30.742	ng	# 78
4) n-Nitrosodimethylamine	4.22	42	47001	47.598	ng	# 81
6) Aniline	8.08	93	28741	6.967	ng	# 85
8) 2-Chlorophenol	8.33	128	149737	52.269	ng	# 84
9) Benzaldehyde	7.88	77	11576	5.996	ng	# 73
10) Phenol	7.92	94	150627	46.530	ng	# 91
11) bis(2-Chloroethyl)ether	8.17	93	120100	44.672	ng	# 82
12) 1,3-Dichlorobenzene	8.67	146	169398	47.617	ng	# 94
13) 1,4-Dichlorobenzene	8.82	146	170952	47.041	ng	# 93
14) 1,2-Dichlorobenzene	9.16	146	162430	47.171	ng	# 94
15) Benzyl Alcohol	9.02	79	117378	48.764	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	9.31	45	123354	56.342	ng	# 79
17) 2-Methylphenol	9.22	107	119128	51.431	ng	# 95
18) Hexachloroethane	9.92	117	52860	48.026	ng	# 89
19) n-Nitroso-di-n-propylamine	9.60	70	94388	43.104	ng	# 80
20) 3+4-Methylphenols	9.55	107	163949	49.802	ng	# 96
22) Acetophenone	9.63	105	213110	48.688	ng	# 85
24) Nitrobenzene	10.03	77	136539	53.099	ng	# 84
25) Isophorone	10.55	82	270081	50.285	ng	# 86
26) 2-Nitrophenol	10.76	139	85058	63.089	ng	# 79
27) 2,4-Dimethylphenol	10.79	122	157061	55.361	ng	# 90
28) bis(2-Chloroethoxy)methane	11.03	93	170406	47.284	ng	# 95
29) 2,4-Dichlorophenol	11.30	162	179863	54.003	ng	# 90
30) 1,2,4-Trichlorobenzene	11.53	180	190003	46.722	ng	# 98
31) Naphthalene	11.73	128	595902	62.673	ng	# 99
32) Benzoic acid	10.91	122	91565	47.422	ng	# 77
33) 4-Chloroaniline	11.81	127	23311	5.507	ng	# 90
34) Hexachlorobutadiene	11.99	225	124159	44.472	ng	# 96
35) Caprolactam	12.56	113	52060	51.567	ng	# 43
36) 4-Chloro-3-methylphenol	12.88	107	171055	55.610	ng	# 82
37) 2-Methylnaphthalene	13.28	142	388938	50.460	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	259138	44.323	ng	# 96
40) Hexachlorocyclopentadiene	13.61	237	278024	90.141	ng	# 91

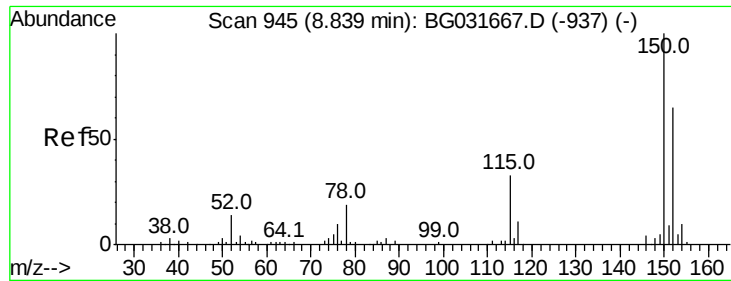
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	171826	50.973	nq	94
43) 2,4,5-Trichlorophenol	13.93	196	188963	50.583	nq #	90
45) 1,1'-Biphenyl	14.26	154	550411	46.427	nq	96
46) 2-Chloronaphthalene	14.31	162	418256	46.253	nq	96
47) 2-Nitroaniline	14.49	65	94292	60.375	nq #	68
48) Acenaphthylene	15.15	152	660828	45.679	nq	99
49) Dimethylphthalate	14.85	163	584507	47.800	nq #	98
50) 2,6-Dinitrotoluene	14.97	165	132592	58.942	nq #	63
51) Acenaphthene	15.49	154	491395	51.864	nq	96
52) 3-Nitroaniline	15.30	138	32273	14.705	nq #	67
53) 2,4-Dinitrophenol	15.50	184	147875	147.607	nq #	73
54) Dibenzofuran	15.81	168	701433	48.296	nq	98
55) 4-Nitrophenol	15.59	139	197223	110.409	nq #	70
56) 2,4-Dinitrotoluene	15.75	165	191619	66.245	nq #	63
57) Fluorene	16.46	166	572579	48.529	nq	95
58) 2,3,4,6-Tetrachlorophenol	16.03	232	199571	54.756	nq #	86
59) Diethylphthalate	16.19	149	566212	47.507	nq	96
60) 4-Chlorophenyl-phenylether	16.43	204	334734	46.368	nq	92
61) 4-Nitroaniline	16.46	138	93733	43.766	nq #	75
62) Azobenzene	16.73	77	364198	47.648	nq	83
64) 4,6-Dinitro-2-methylphenol	16.51	198	102174	55.299	nq #	67
65) n-Nitrosodiphenylamine	16.64	169	527871	43.004	nq	99
66) 4-Bromophenyl-phenylether	17.32	248	247526	46.314	nq	95
67) Hexachlorobenzene	17.45	284	259813	47.554	nq #	89
68) Atrazine	17.57	200	219280	45.942	nq	99
69) Pentachlorophenol	17.79	266	350712	93.326	nq	99
70) Phenanthrene	18.19	178	987124	47.194	nq	99
71) Anthracene	18.28	178	996675	47.238	nq	99
72) Carbazole	18.54	167	886112	47.450	nq	100
73) Di-n-butylphthalate	19.05	149	974865	46.973	nq	99
74) Fluoranthene	20.15	202	1237055	48.202	nq	97
76) Benzidine	20.31	184	49638	3.847	nq	96
77) Pyrene	20.51	202	1255567	47.017	nq	97
79) Butylbenzylphthalate	21.37	149	435906	48.625	nq #	77
80) Benzo(a)anthracene	22.47	228	1241041	46.667	nq	98
81) 3,3'-Dichlorobenzidine	22.36	252	122787	11.909	nq #	97
82) Chrysene	22.55	228	1169827	46.492	nq	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	603436	46.462	nq #	97
84) Di-n-octyl phthalate	23.72	149	1022721	46.756	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.57	276	1585833	49.127	nq #	87
87) Benzo(b)fluoranthene	25.03	252	1328678	48.008	nq #	96
88) Benzo(k)fluoranthene	25.11	252	1277469	46.122	nq #	97
89) Benzo(a)pyrene	26.06	252	1271247	47.961	nq #	97
90) Dibenzo(a,h)anthracene	30.66	278	1315771	48.065	nq	95
91) Benzo(g,h,i)perylene	30.57	276	1585833	49.066	nq #	94

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

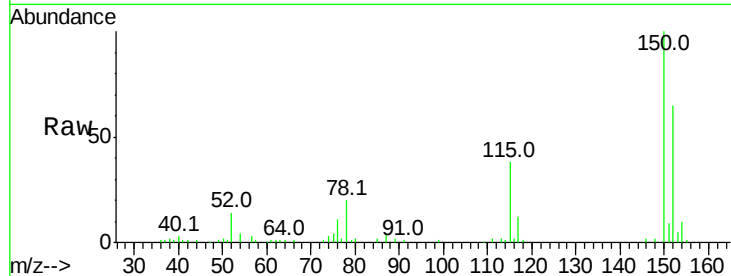


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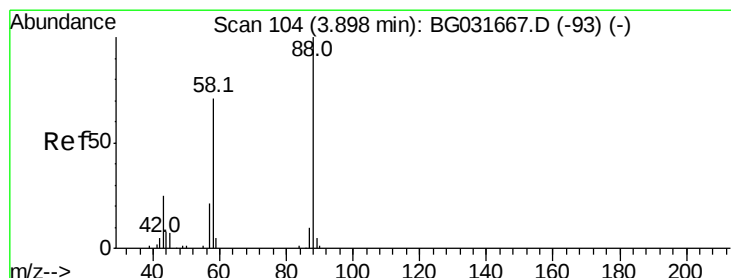
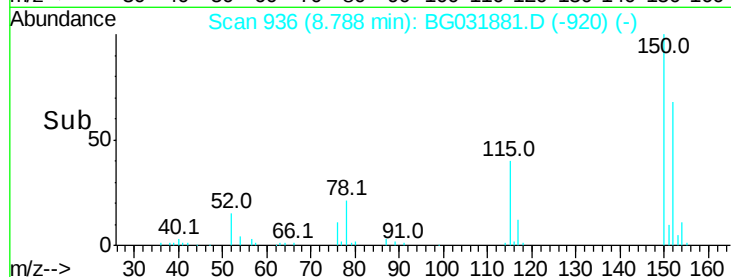
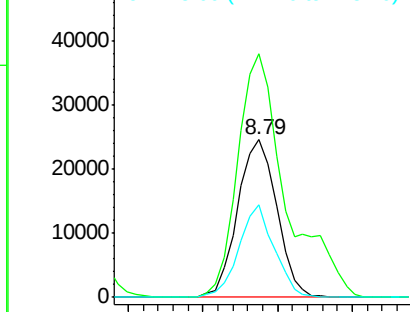
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44982
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 58.8 53.0 79.4



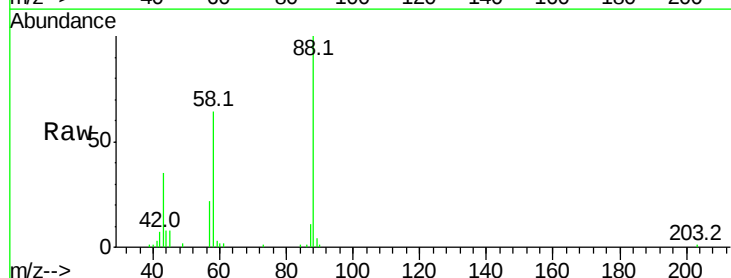
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



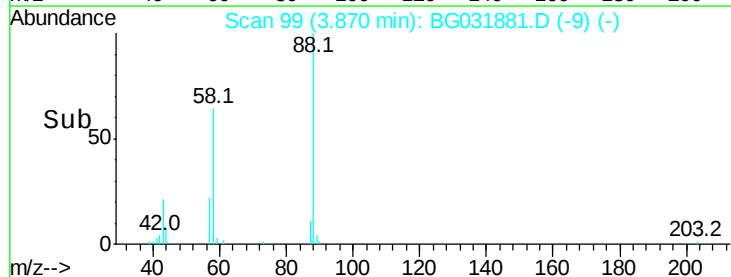
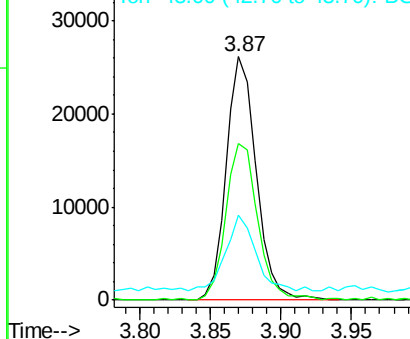
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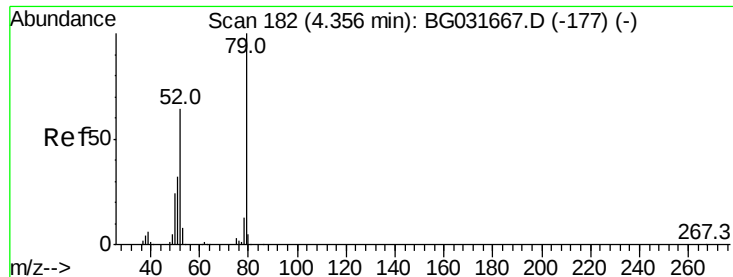
1,4-Dioxane
Concen: 42.345 ng
RT: 3.87 min Scan# 99
Delta R.T. 0.00 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion: 88 Resp: 38766
Ion Ratio Lower Upper
88 100
58 68.1 79.6 119.4#
43 31.2 27.4 41.0



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





#3

Pvridine

Concen: 30.742 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

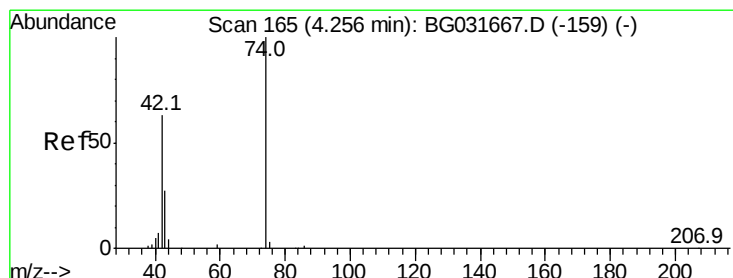
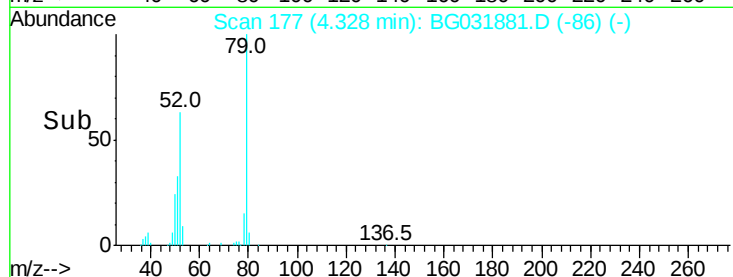
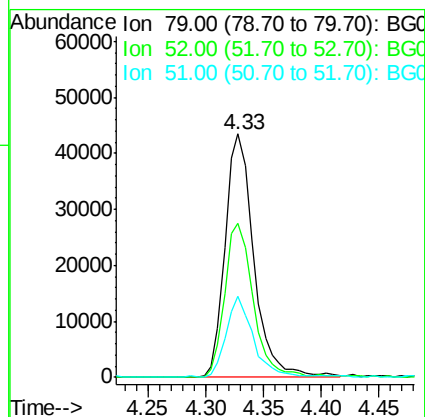
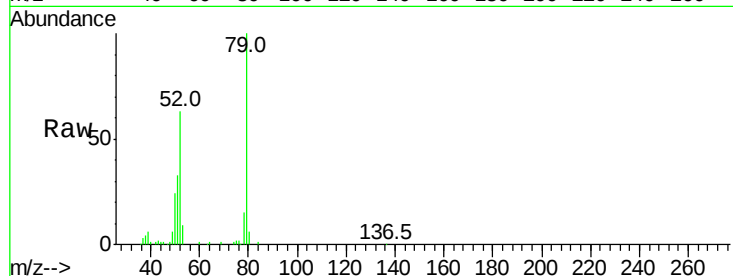
Tot Ion: 79 Resp: 75229

Ion Ratio Lower Upper

79 100

52 63.4 69.9 104.9#

51 33.1 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 47.598 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

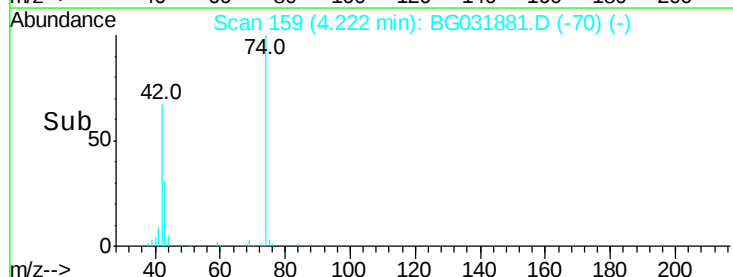
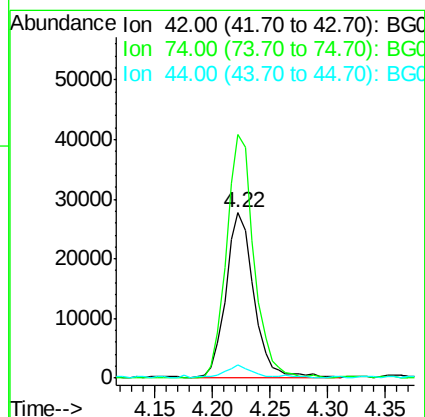
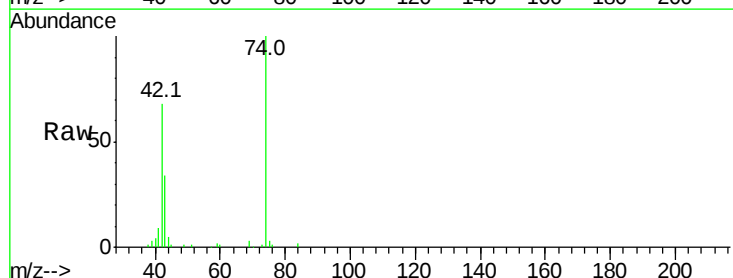
Tgt Ion: 42 Resp: 47001

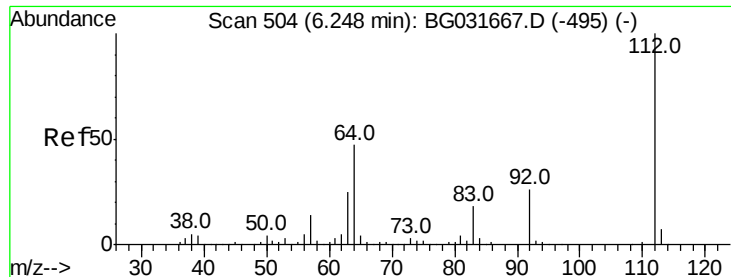
Ion Ratio Lower Upper

42 100

74 147.4 102.5 153.7

44 7.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 142.538 ng

RT: 6.21 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampled :

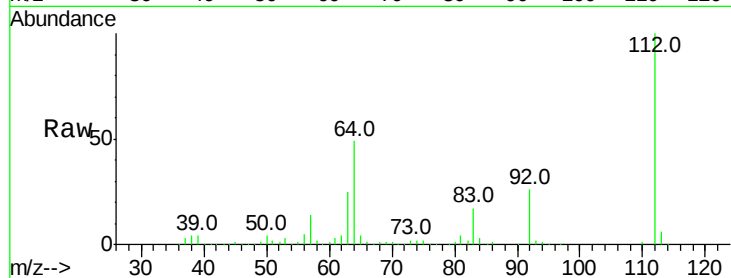
Tot Ion:112 Resp: 352020

Ion Ratio Lower Upper

112 100

64 48.5 56.3 84.5#

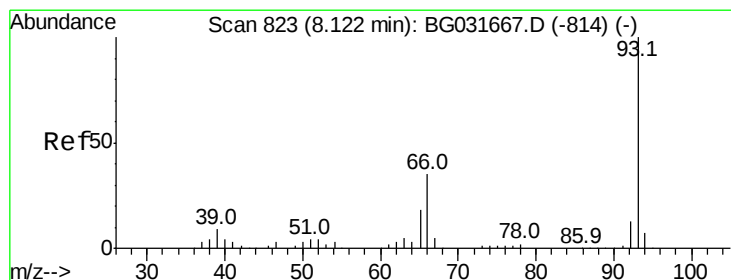
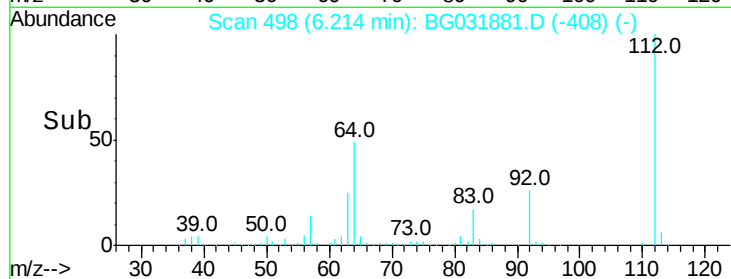
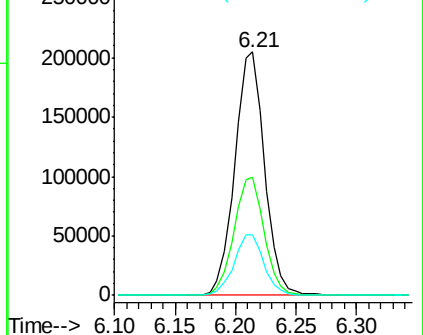
63 24.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.967 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

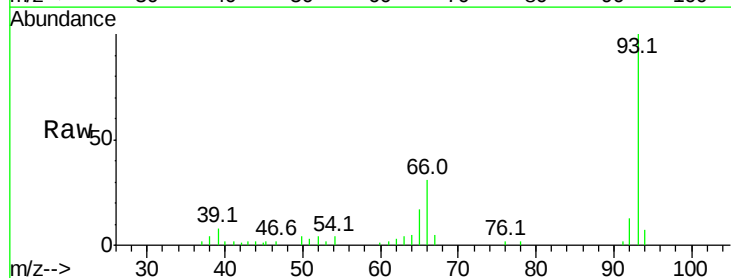
Tgt Ion: 93 Resp: 28741

Ion Ratio Lower Upper

93 100

66 30.6 33.7 50.5#

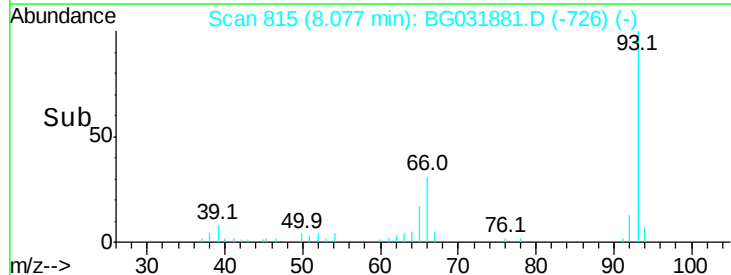
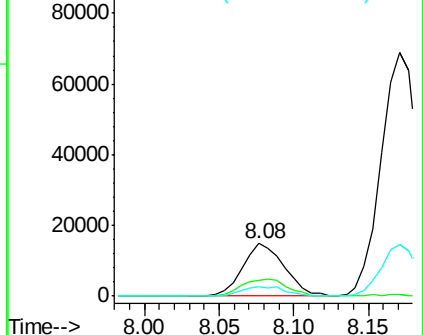
65 17.0 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.094 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

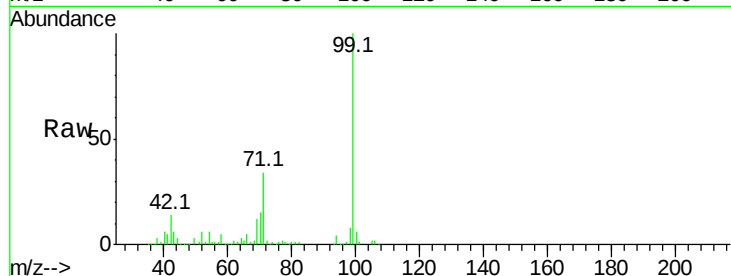
Tot Ion: 99 Resp: 426758

Ion Ratio Lower Upper

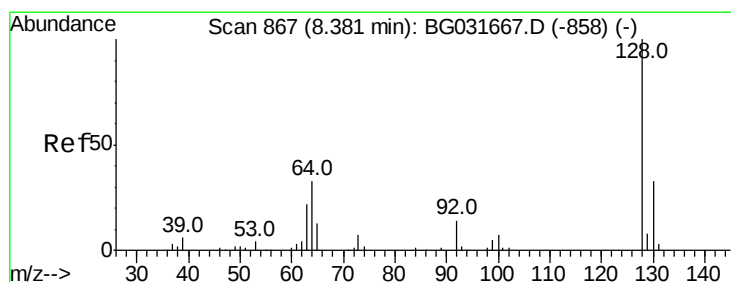
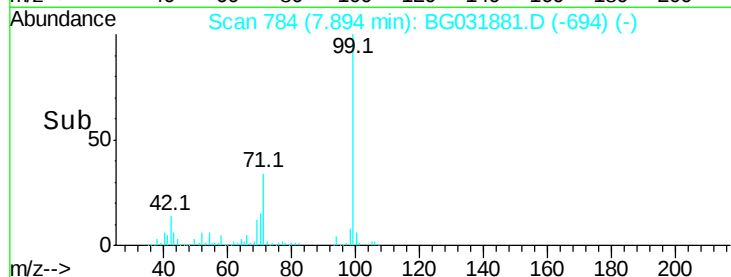
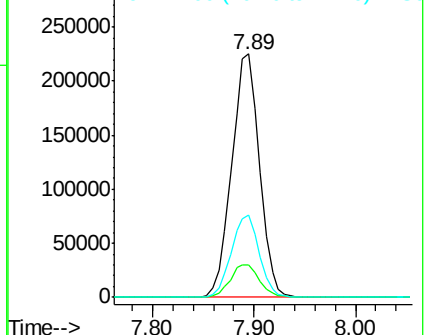
99 100

42 13.5 14.1 21.1#

71 33.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 52.269 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

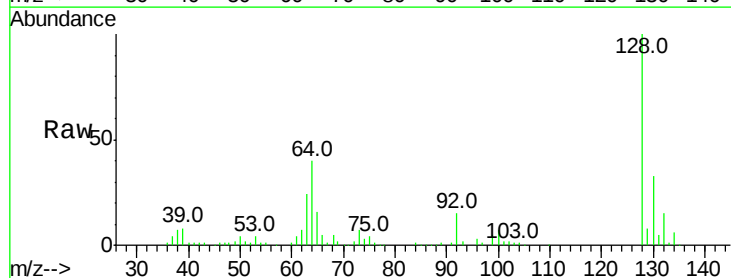
Tgt Ion: 128 Resp: 149737

Ion Ratio Lower Upper

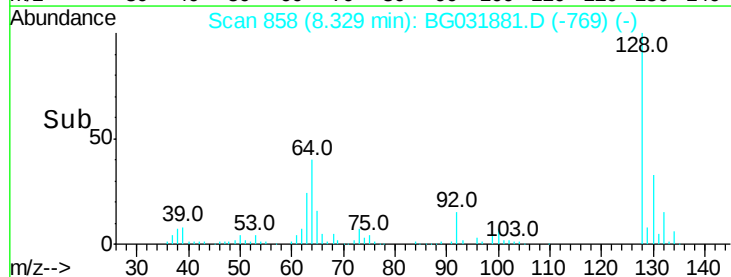
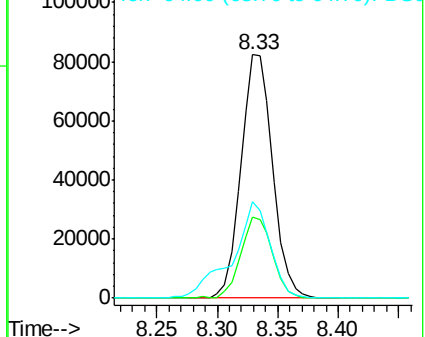
128 100

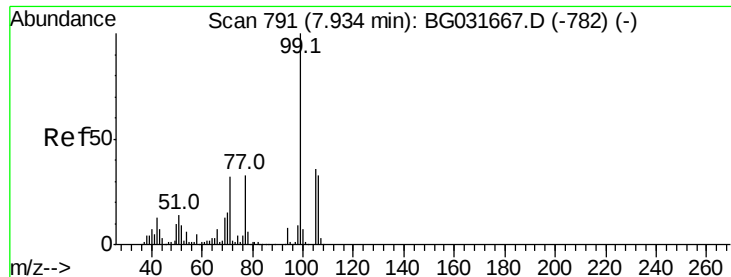
130 33.4 14.0 54.0

64 39.5 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: 5.996 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

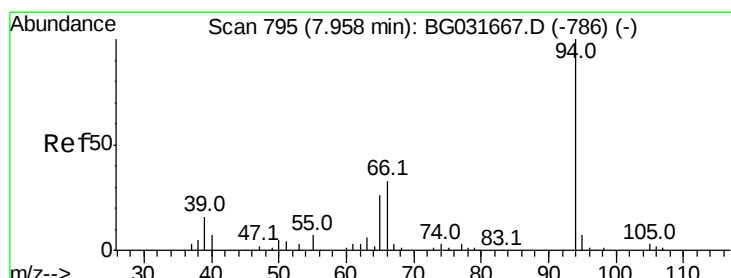
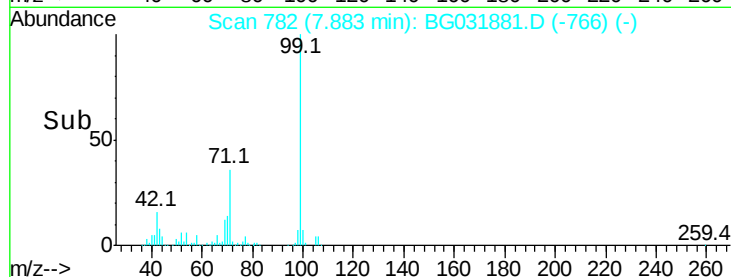
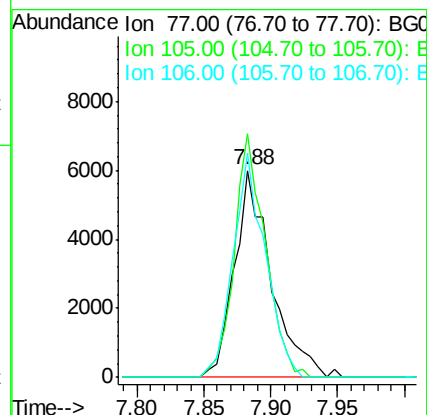
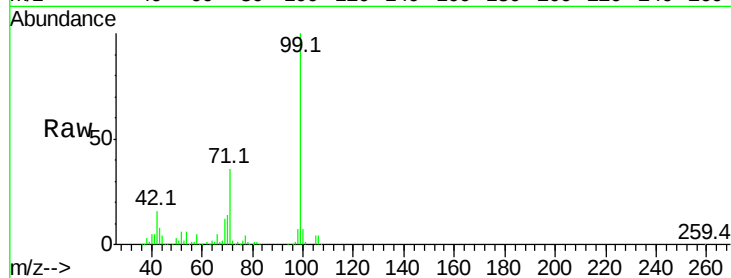
Tot Ion: 77 Resp: 11576

Ion Ratio Lower Upper

77 100

105 117.6 71.3 111.3#

106 108.1 64.2 104.2#



#10

Phenol

Concen: 46.530 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

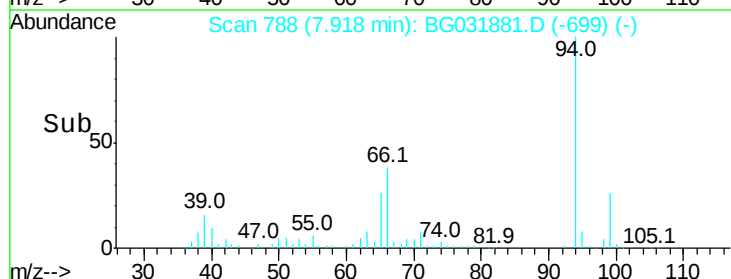
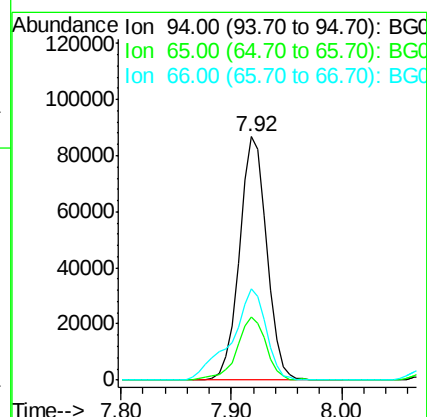
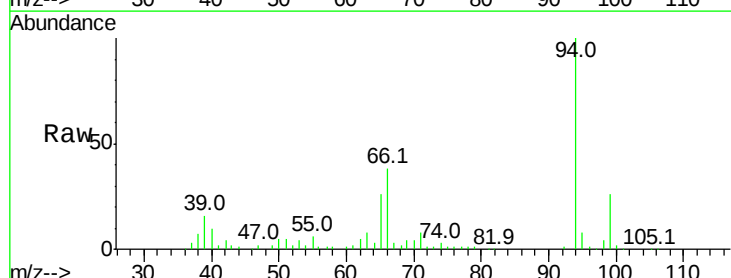
Tgt Ion: 94 Resp: 150627

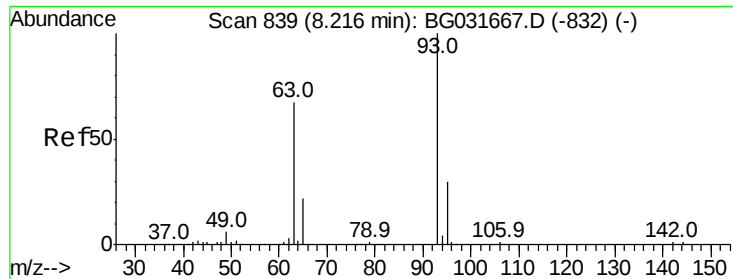
Ion Ratio Lower Upper

94 100

65 26.0 11.9 51.9

66 37.6 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 44.672 ng

RT: 8.17 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

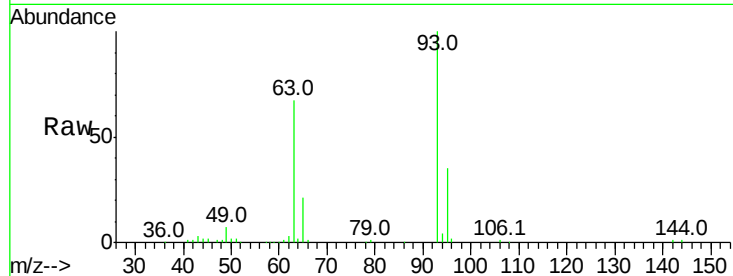
Tot Ion: 93 Resp: 120100

Ion Ratio Lower Upper

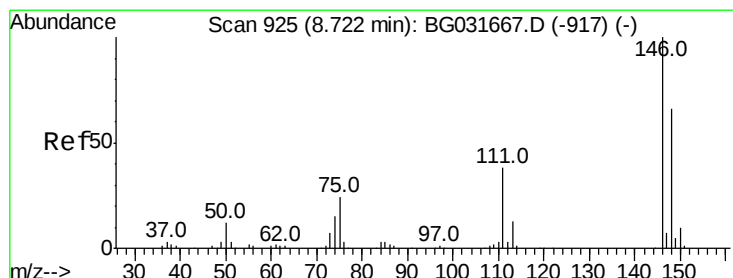
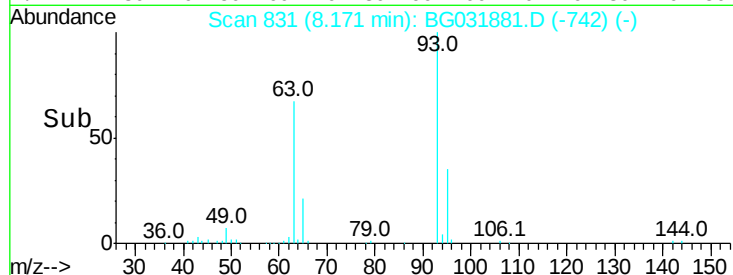
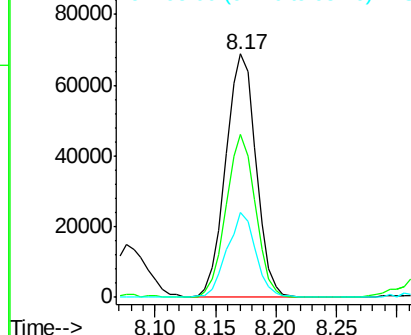
93 100

63 67.0 67.1 107.1#

95 35.0 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: 47.617 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

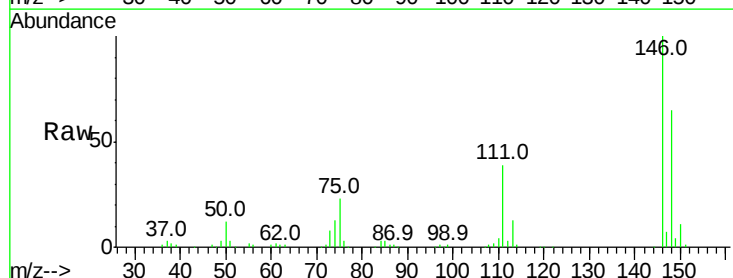
Tgt Ion:146 Resp: 169398

Ion Ratio Lower Upper

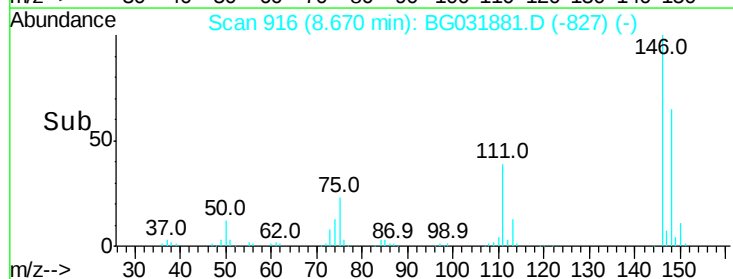
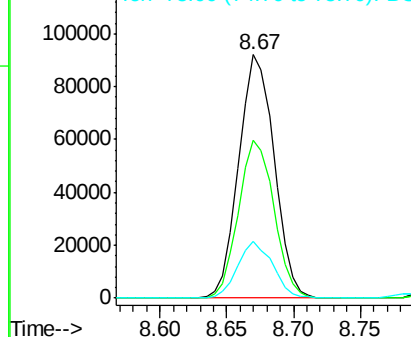
146 100

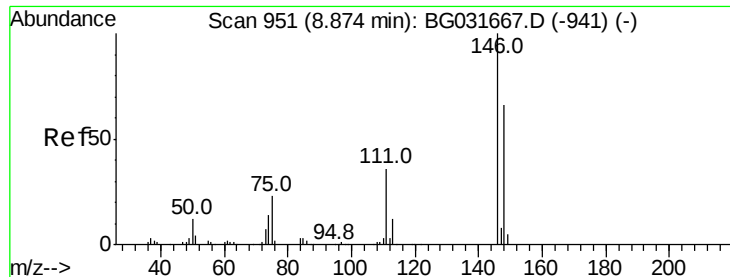
148 64.8 51.4 77.2

75 23.4 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

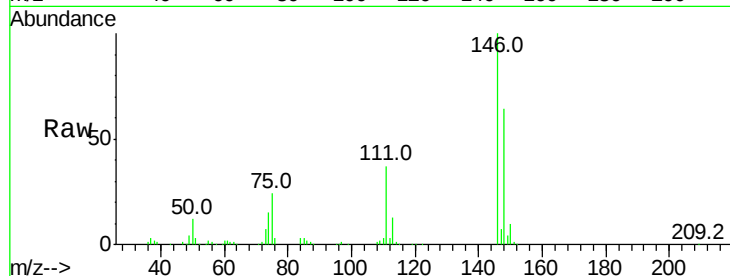




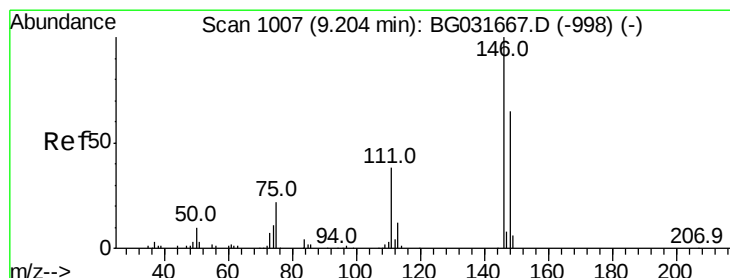
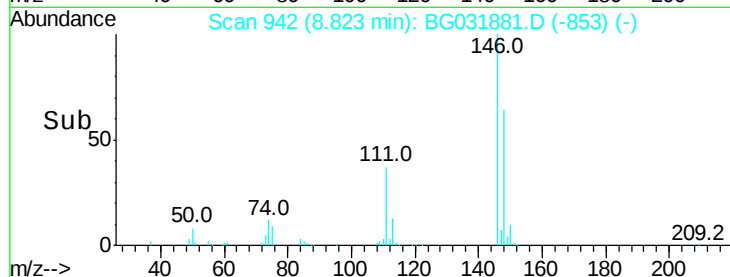
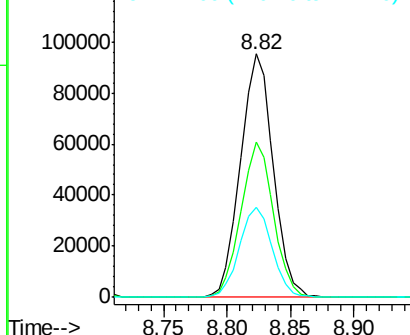
#13
1,4-Dichlorobenzene
Concen: 47.041 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 170952
Ion Ratio Lower Upper
146 100
148 63.9 53.7 80.5
111 36.9 35.2 52.8

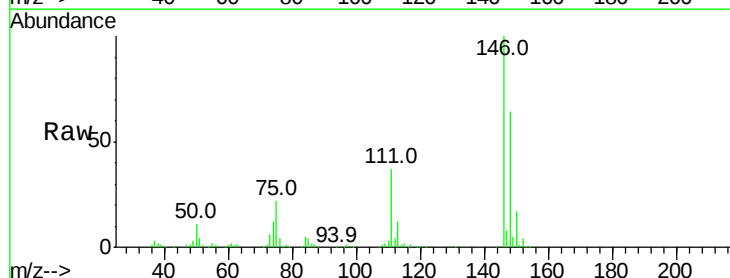


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

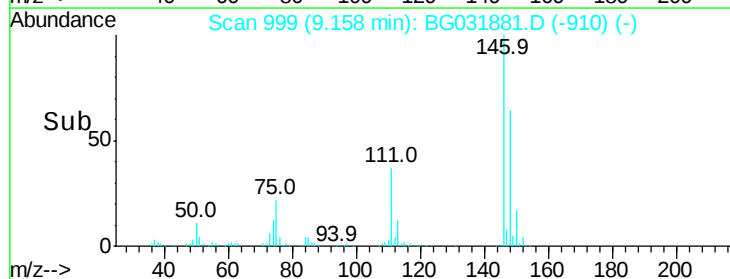
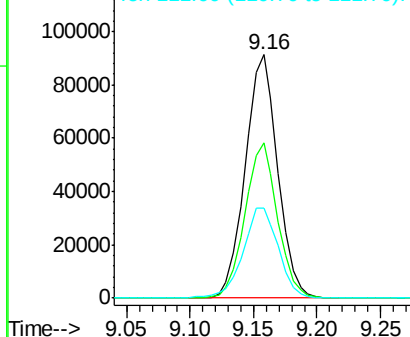


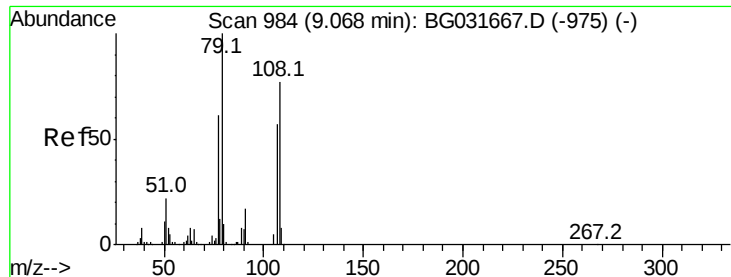
#14
1,2-Dichlorobenzene
Concen: 47.171 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:146 Resp: 162430
Ion Ratio Lower Upper
146 100
148 63.7 49.3 73.9
111 36.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 48.764 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

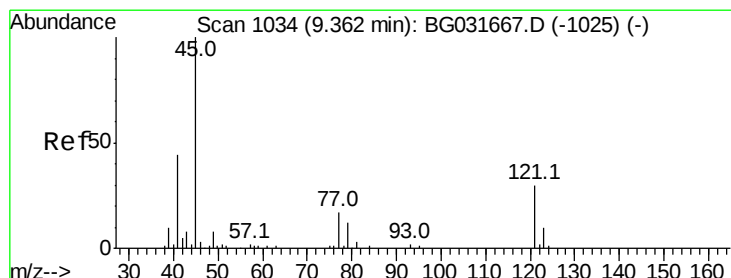
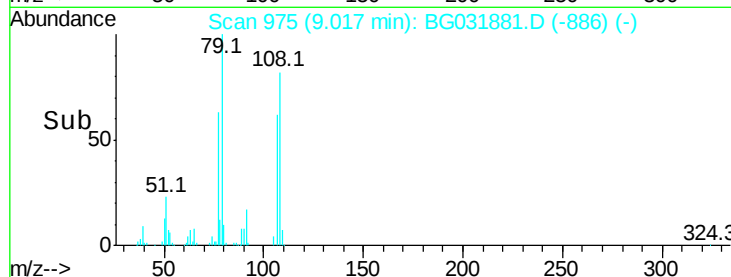
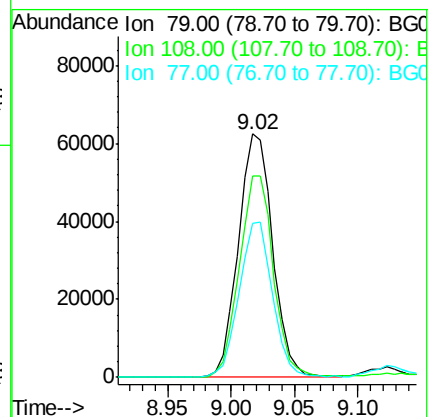
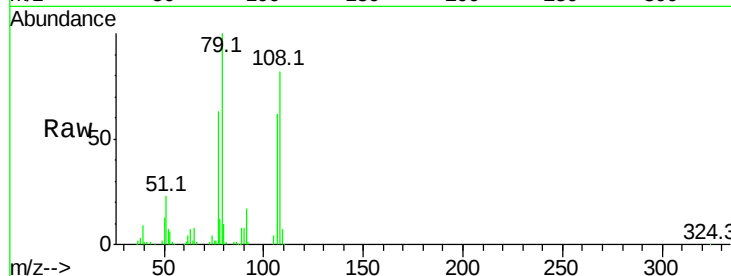
Tot Ion: 79 Resp: 117378

Ion Ratio Lower Upper

79 100

108 82.5 57.2 85.8

77 63.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.342 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

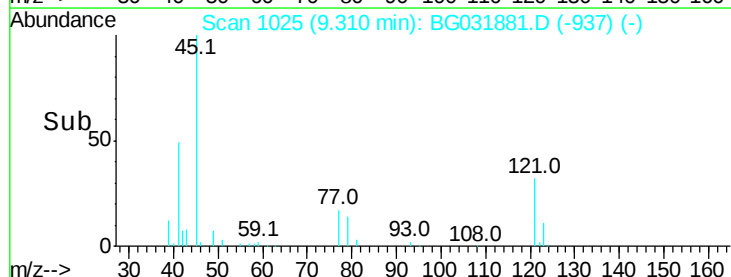
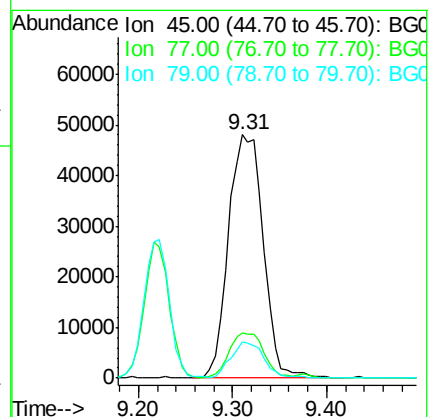
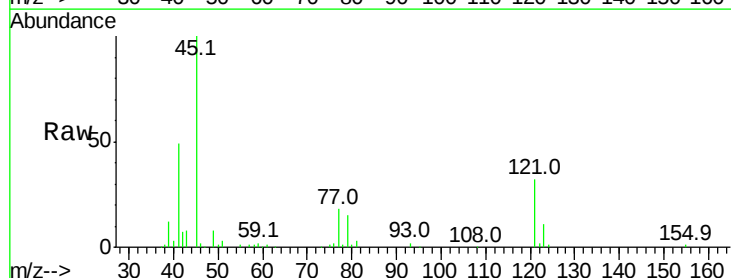
Tgt Ion: 45 Resp: 123354

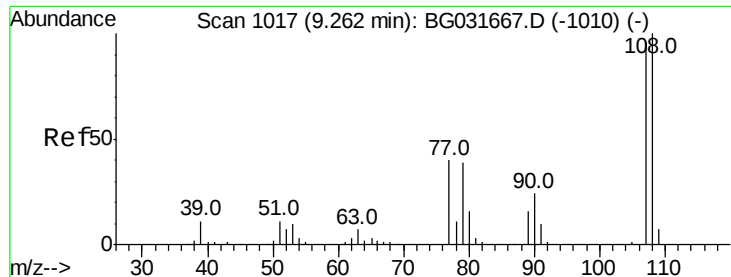
Ion Ratio Lower Upper

45 100

77 18.4 0.0 30.2

79 14.9 0.0 27.9

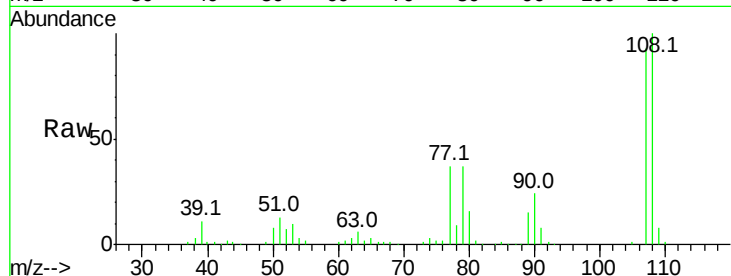




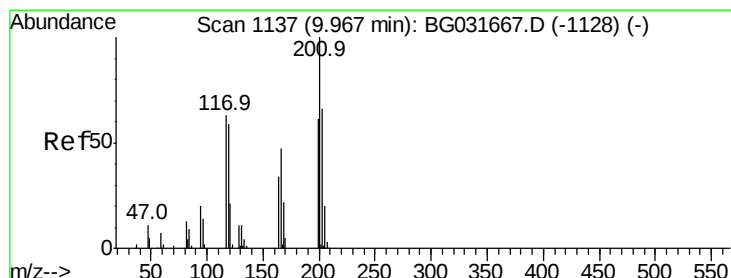
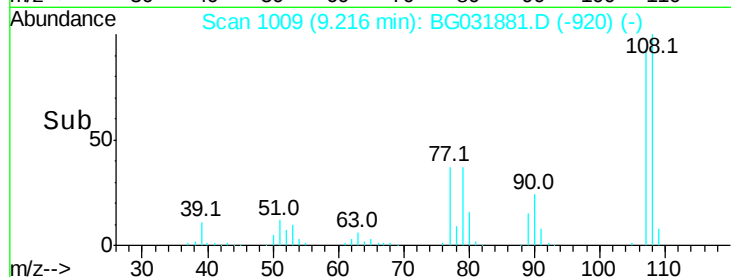
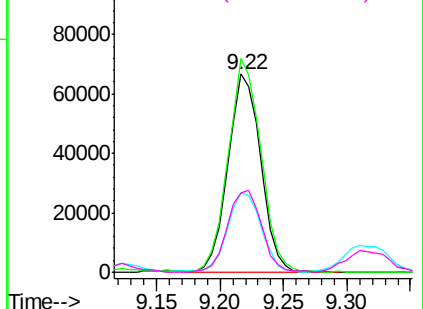
#17
2-Methylphenol
Concen: 51.431 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	83.9	125.9
77	40.3	37.2	55.8
79	40.1	36.2	54.2

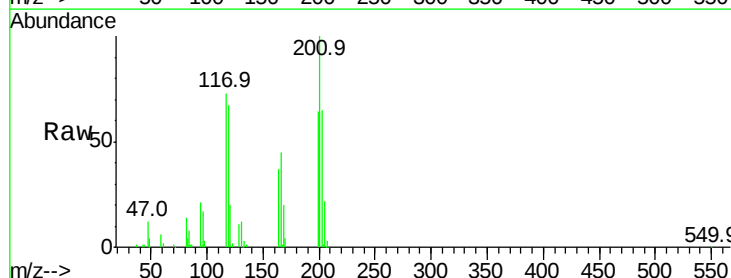


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

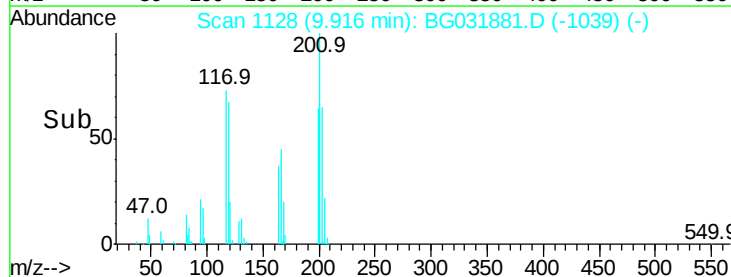
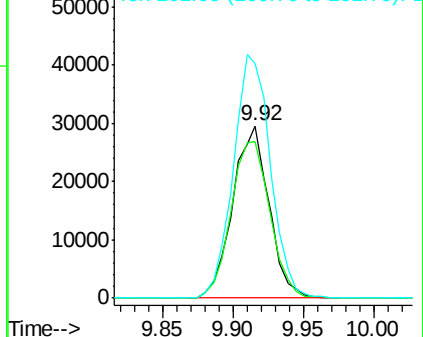


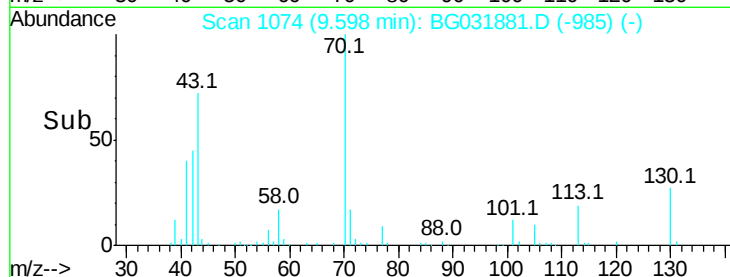
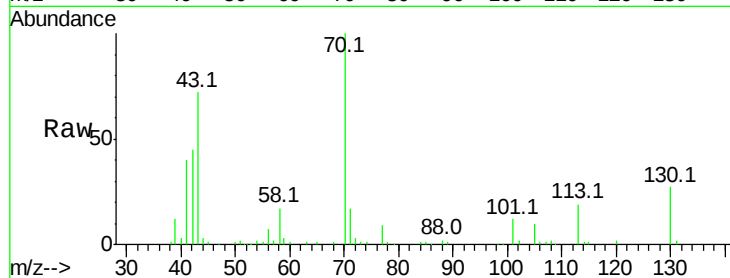
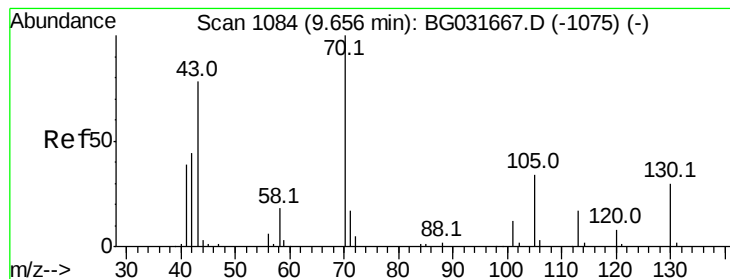
#18
Hexachloroethane
Concen: 48.026 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.7	115.1
201	136.3	95.7	143.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 43.104 ng

RT: 9.60 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 94388

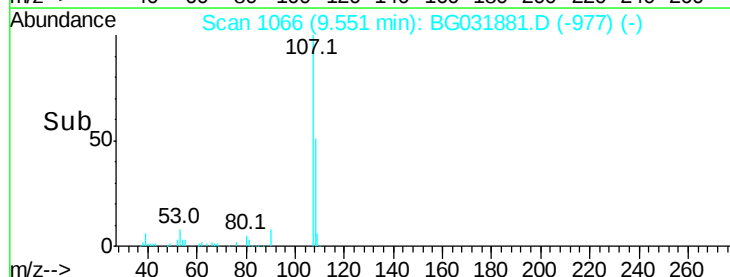
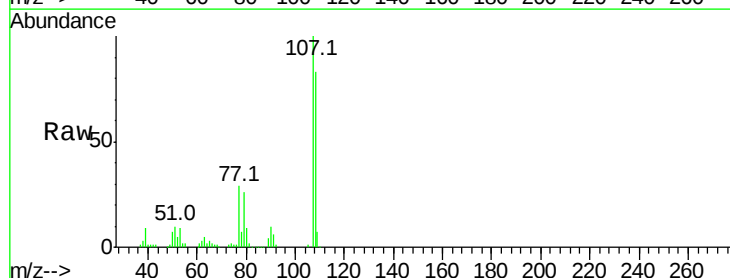
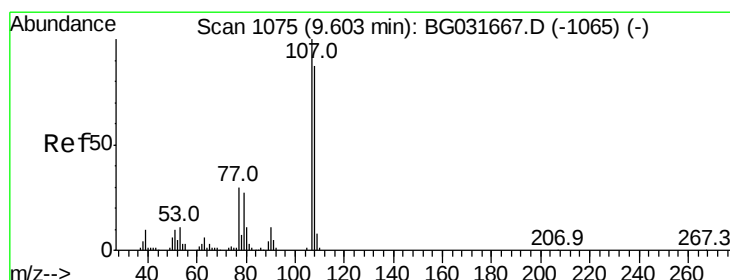
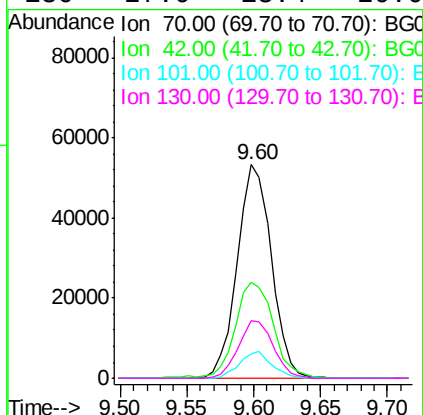
Ion Ratio Lower Upper

70 100

42 45.0 49.1 73.7#

101 11.6 8.5 12.7

130 27.0 13.4 20.0#



#20

3+4-Methylphenols

Concen: 49.802 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Tgt Ion:107 Resp: 163949

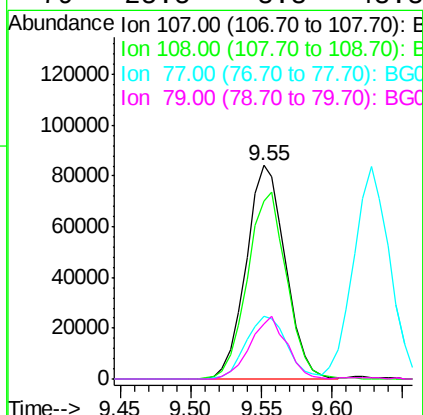
Ion Ratio Lower Upper

107 100

108 83.3 61.6 101.6

77 29.2 13.9 53.9

79 25.5 8.8 48.8

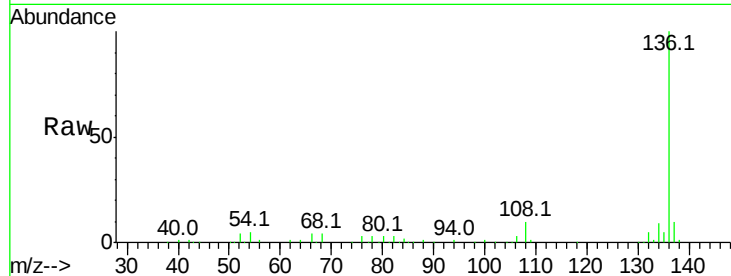




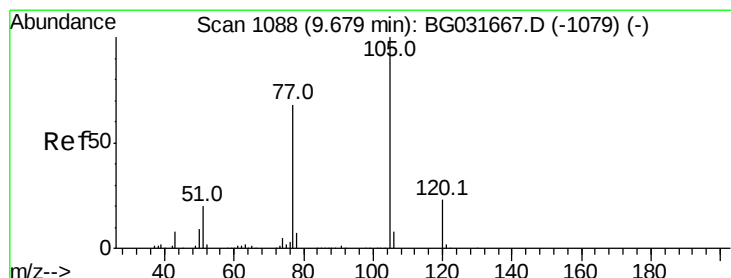
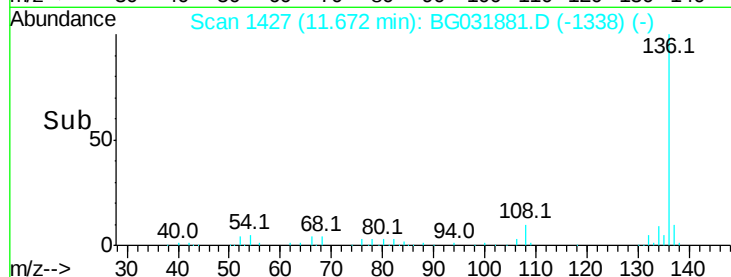
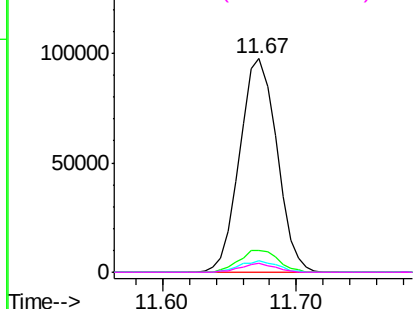
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	188400
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	5.3	10.3 15.5#
68	4.3	4.5 6.7#

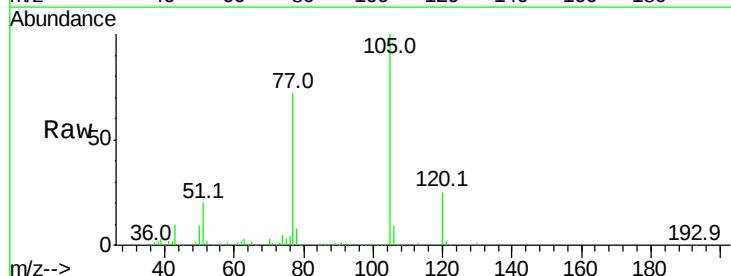


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

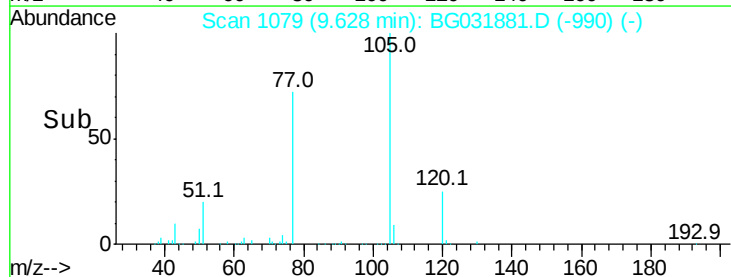
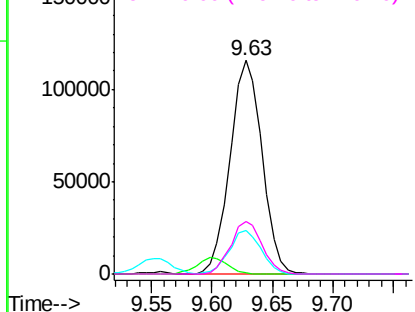


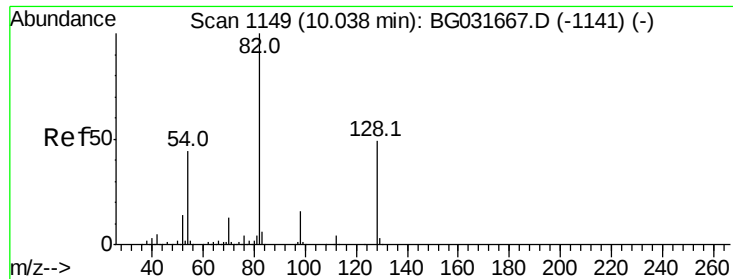
#22
Acetophenone
Concen: 48.688 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:105	Resp:	213110
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	20.5	26.1 39.1#
120	24.5	17.4 26.2



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

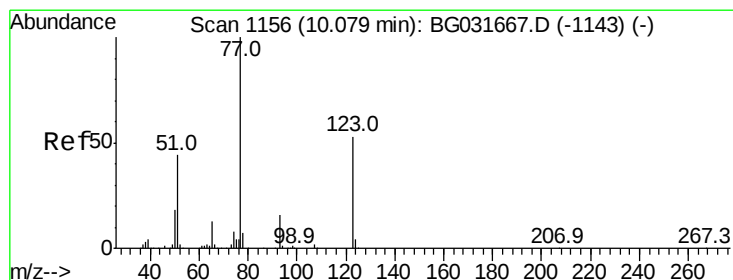
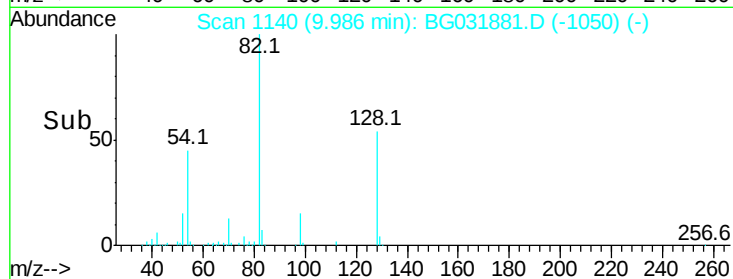
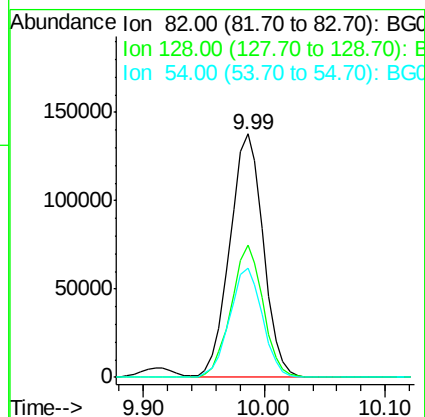
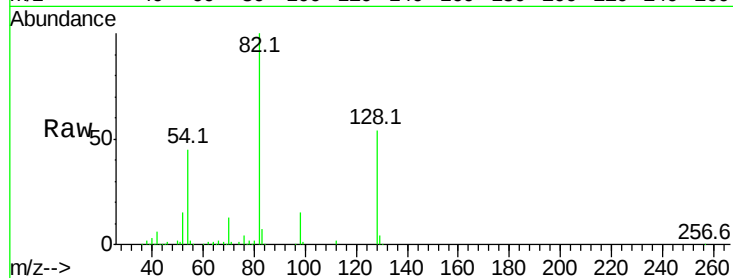




#23
Nitrobenzene-d5
Concen: 106.515 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

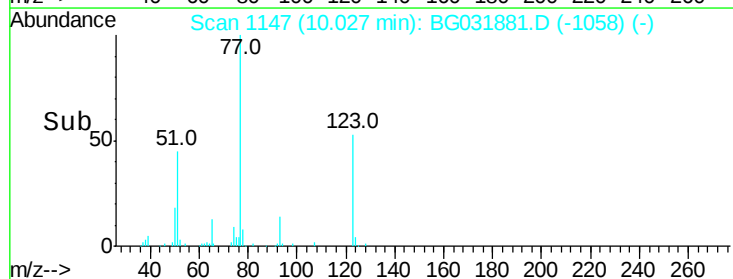
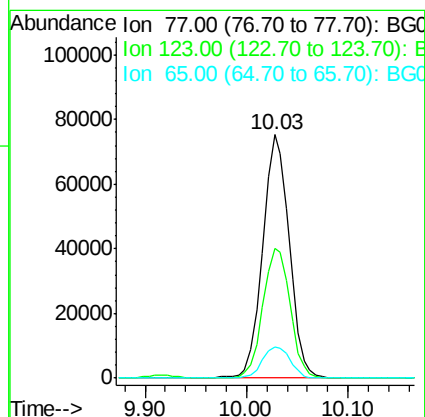
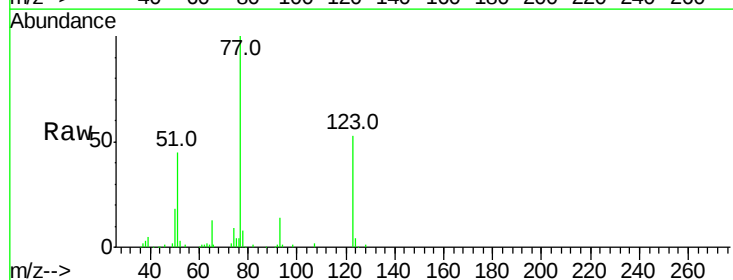
Instrument :
BNA_G
ClientSampleId :

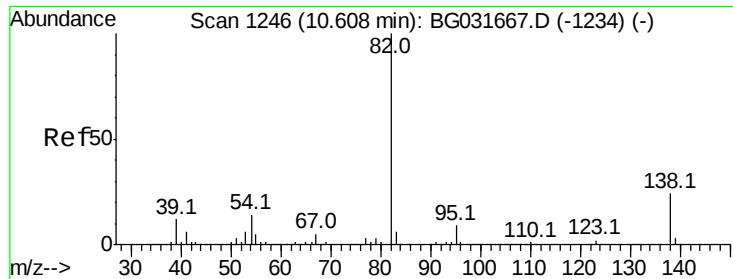
Tot Ion: 82 Resp: 265751
Ion Ratio Lower Upper
82 100
128 54.5 29.7 44.5#
54 44.9 43.1 64.7



#24
Nitrobenzene
Concen: 53.099 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion: 77 Resp: 136539
Ion Ratio Lower Upper
77 100
123 53.4 33.0 49.6#
65 12.8 13.0 19.6#





#25

Isophorone

Concen: 50.285 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

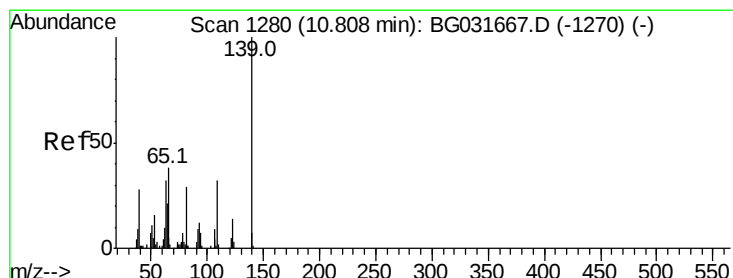
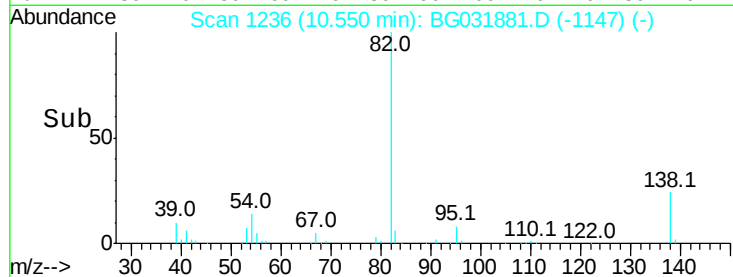
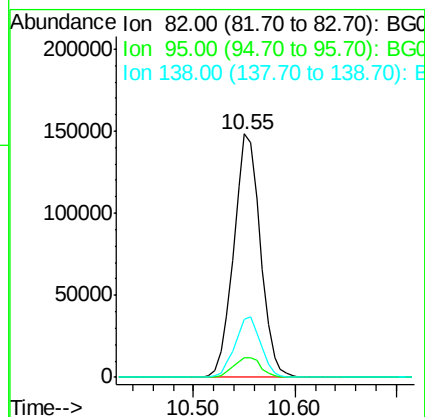
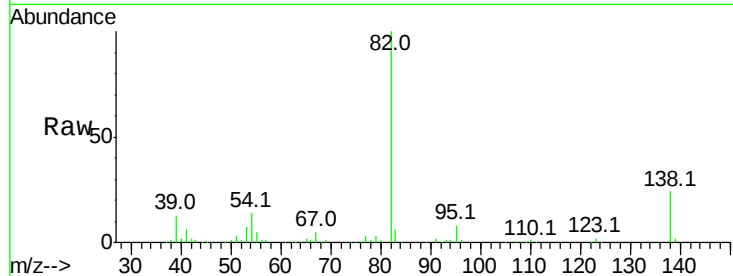
Tot Ion: 82 Resp: 270081

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 23.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 63.089 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

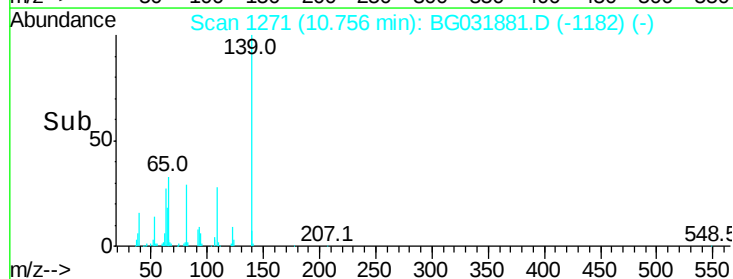
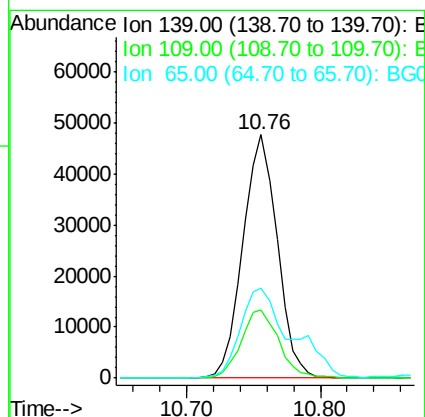
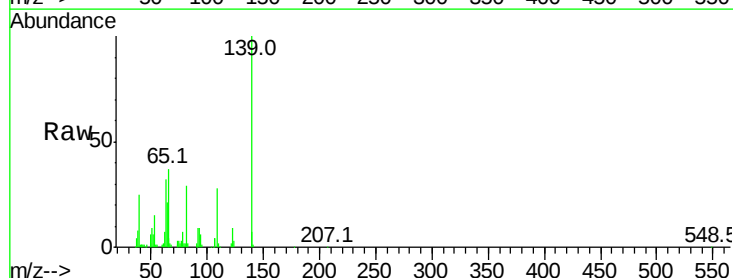
Tgt Ion: 139 Resp: 85058

Ion Ratio Lower Upper

139 100

109 28.1 24.2 36.2

65 36.9 47.4 71.0#

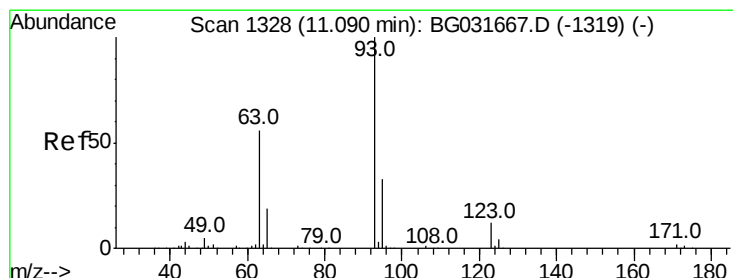
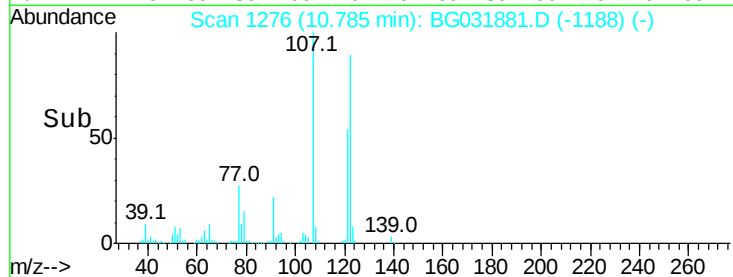
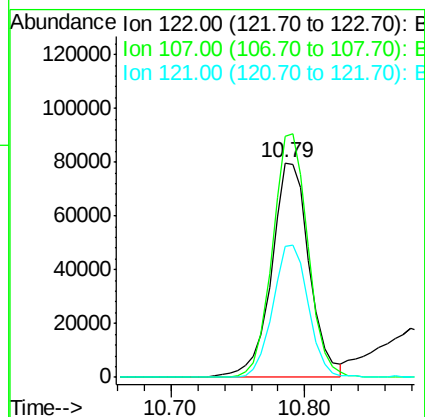
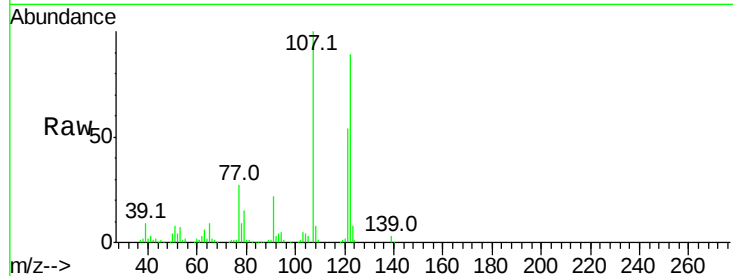




#27
 2,4-Dimethylphenol
 Concen: 55.361 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

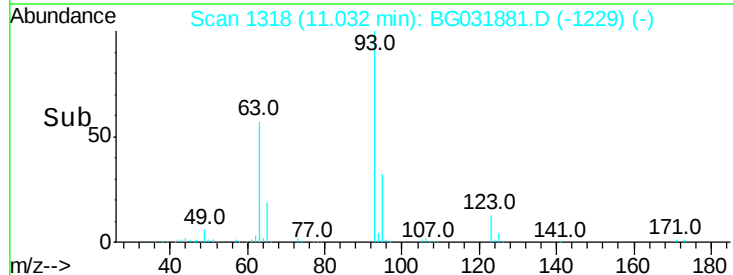
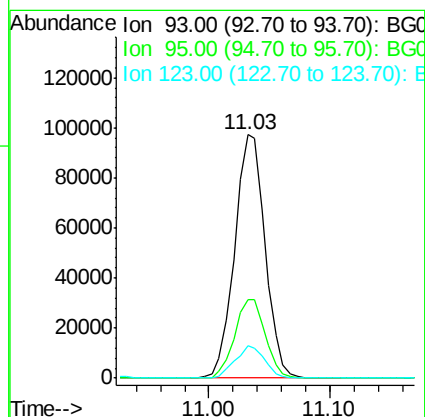
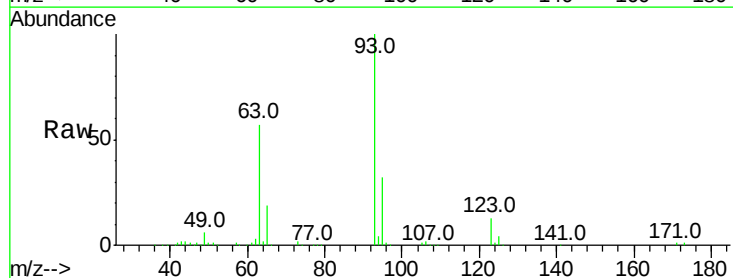
Instrument :
 BNA_G
 ClientSampleId :

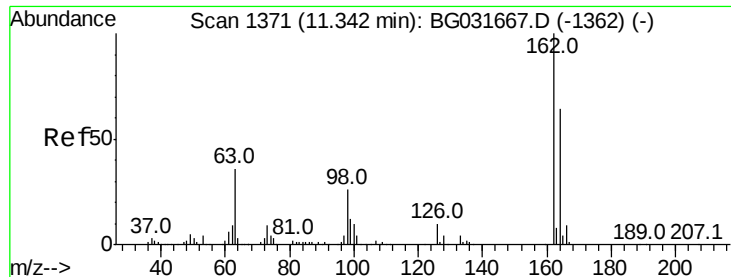
Tot Ion:122 Resp: 157061
 Ion Ratio Lower Upper
 122 100
 107 112.5 100.2 150.2
 121 60.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.284 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion: 93 Resp: 170406
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.3 36.5
 123 13.3 8.4 12.6#

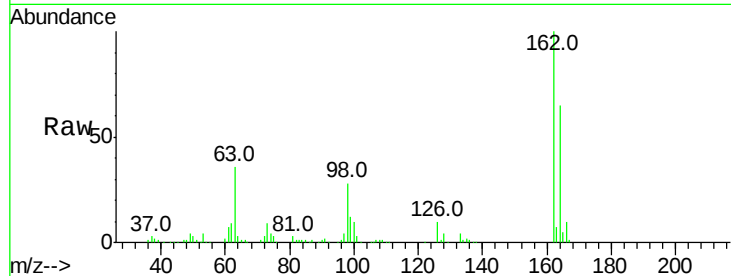




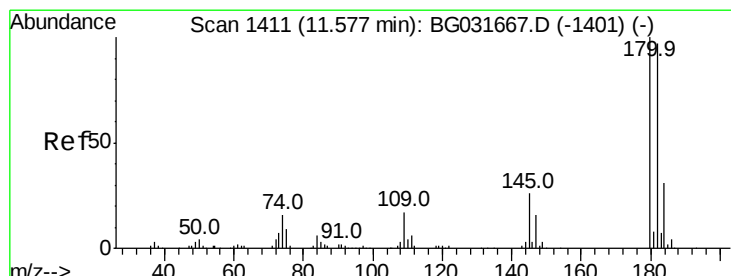
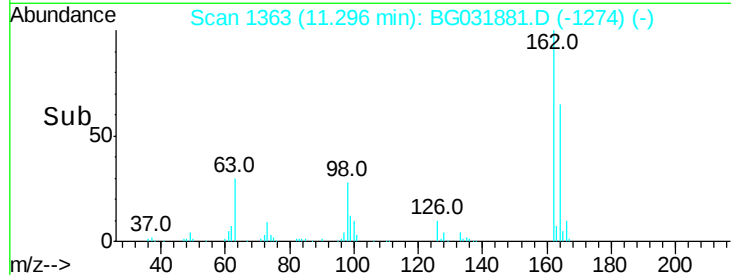
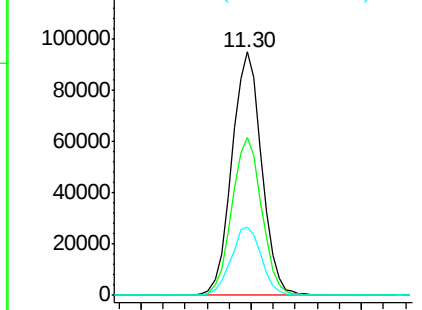
#29
2,4-Dichlorophenol
Concen: 54.003 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 179863
Ion Ratio Lower Upper
162 100
164 64.8 48.0 88.0
98 27.9 21.1 61.1

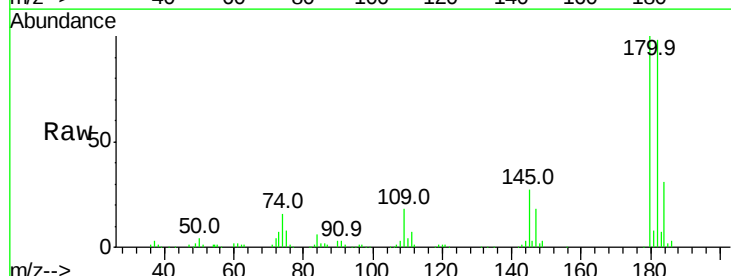


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

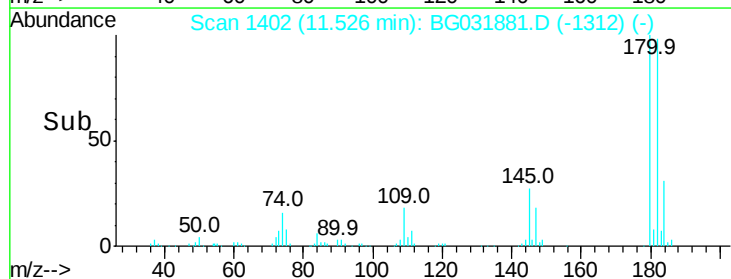
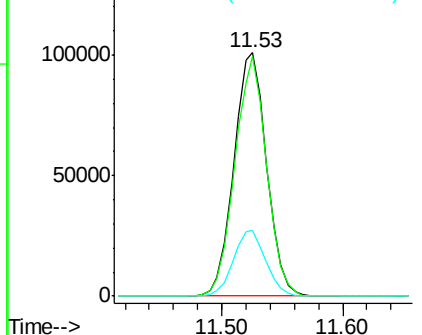


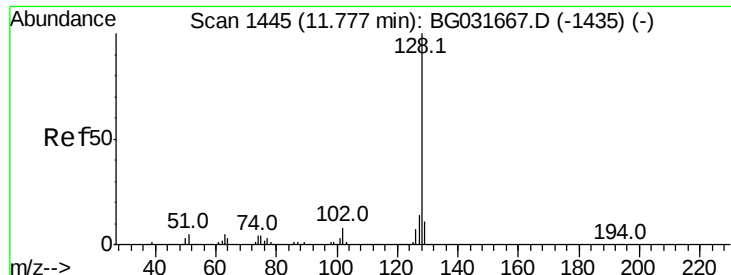
#30
1,2,4-Trichlorobenzene
Concen: 46.722 ng
RT: 11.53 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:180 Resp: 190003
Ion Ratio Lower Upper
180 100
182 98.5 77.5 116.3
145 26.9 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

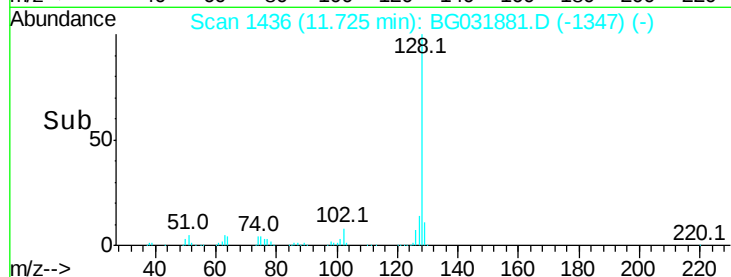
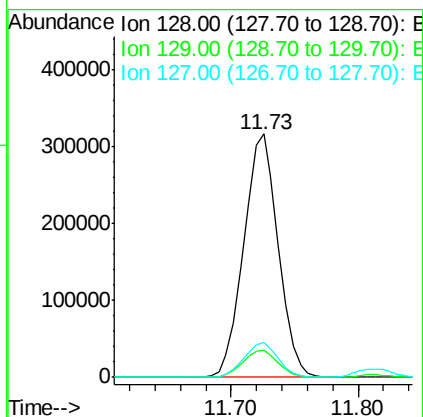
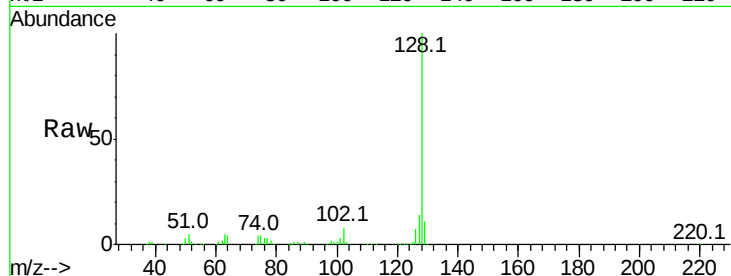




#31
Naphthalene
Concen: 62.673 ng
RT: 11.73 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

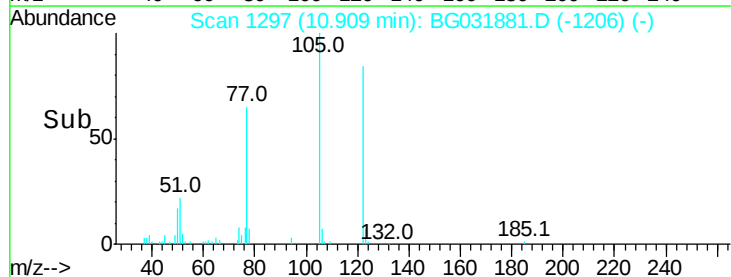
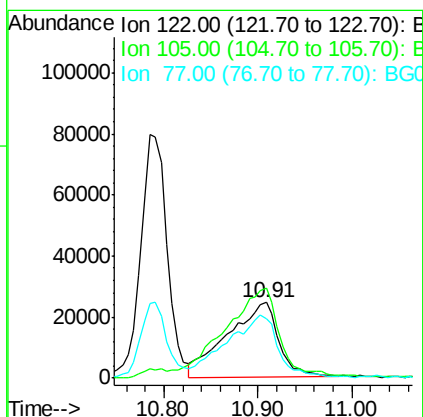
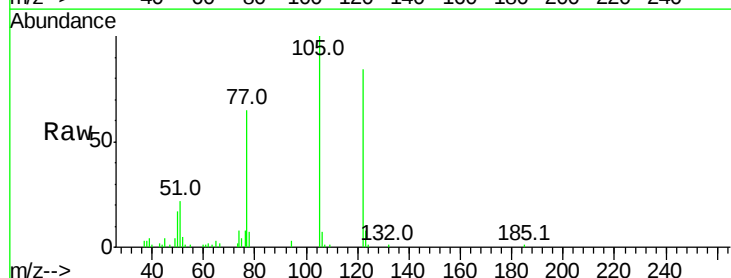
Instrument :
BNA_G
ClientSampleId :

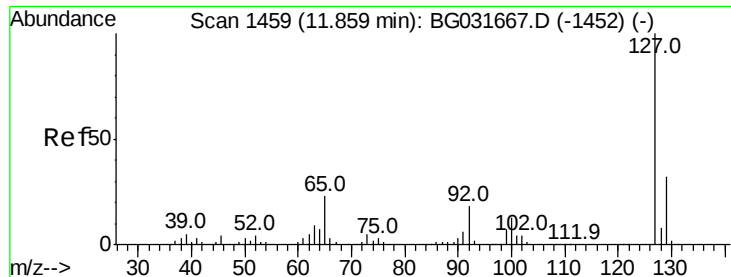
Tot Ion:128 Resp: 595902
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 47.422 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:122 Resp: 91565
Ion Ratio Lower Upper
122 100
105 119.4 123.5 163.5#
77 78.2 85.7 125.7#

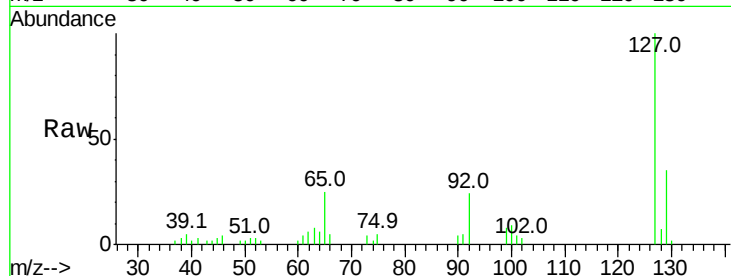




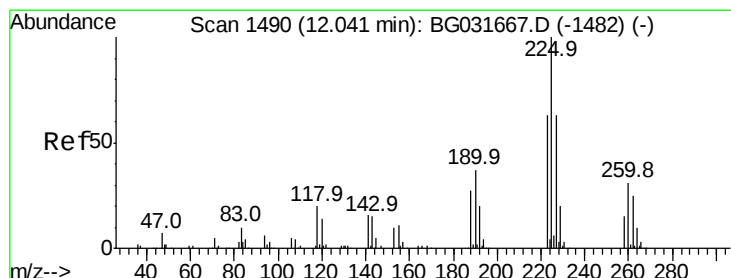
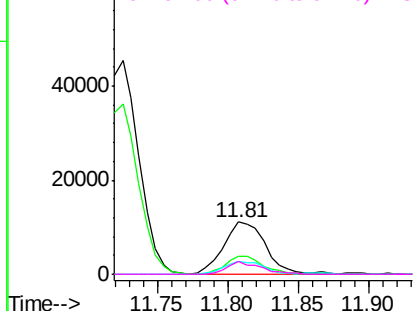
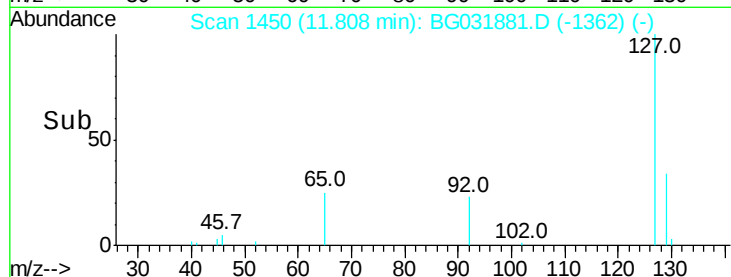
#33
4-Chloroaniline
Concen: 5.507 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	23311
Ion	Ratio	Lower	Upper
127	100		
129	34.5	24.0	36.0
65	25.2	27.0	40.4#
92	23.8	16.6	25.0

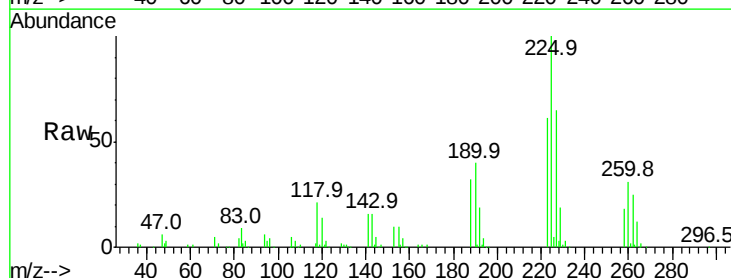


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

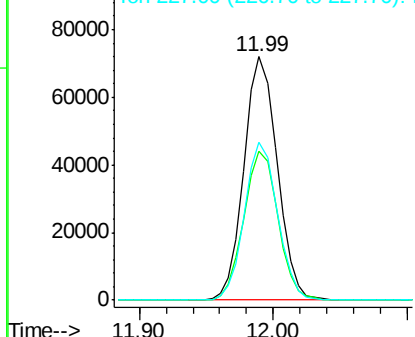
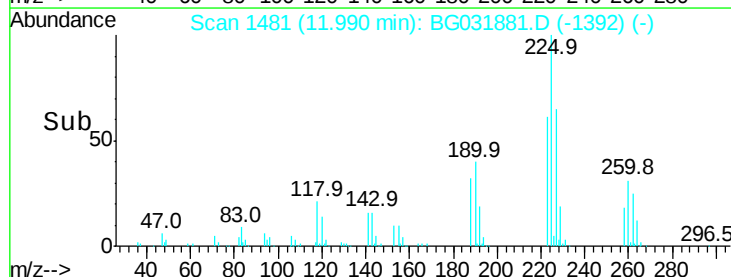


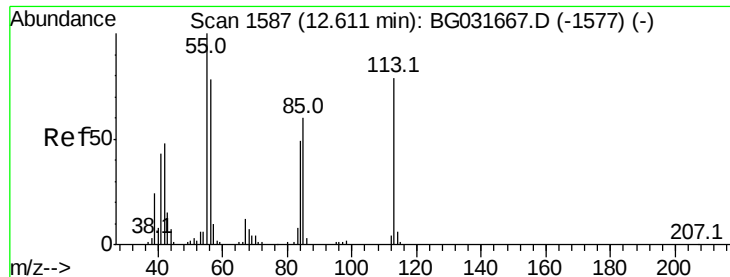
#34
Hexachlorobutadiene
Concen: 44.472 ng
RT: 11.99 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:	225	Resp:	124159
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.7	74.5
227	64.9	48.1	72.1



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





#35

Caprolactam

Concen: 51.567 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

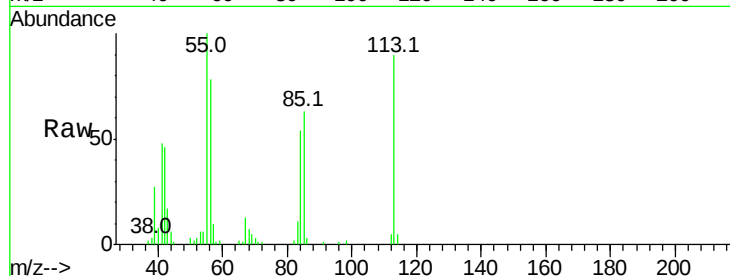
Tot Ion:113 Resp: 52060

Ion Ratio Lower Upper

113 100

55 111.7 186.9 226.9#

56 86.8 130.9 170.9#



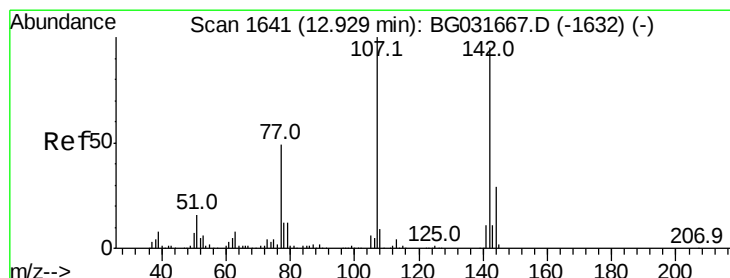
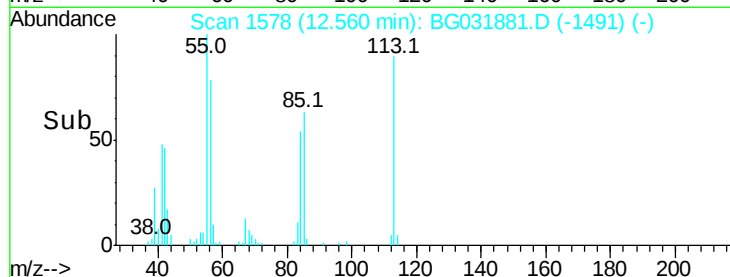
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031667.D (-1577) (-)

Ion 56.00 (55.70 to 56.70): BG031667.D (-1577) (-)

12.56

Time-->



#36

4-Chloro-3-methylphenol

Concen: 55.610 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

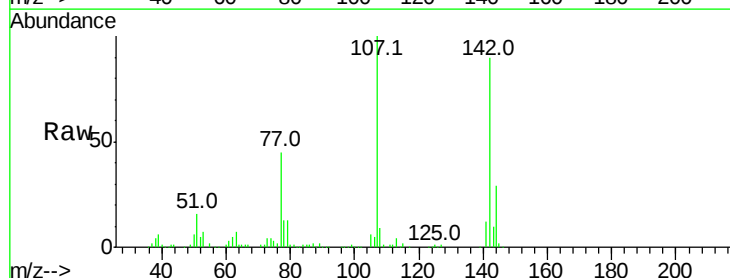
Tgt Ion:107 Resp: 171055

Ion Ratio Lower Upper

107 100

144 28.9 18.2 27.4#

142 90.0 59.0 88.4#



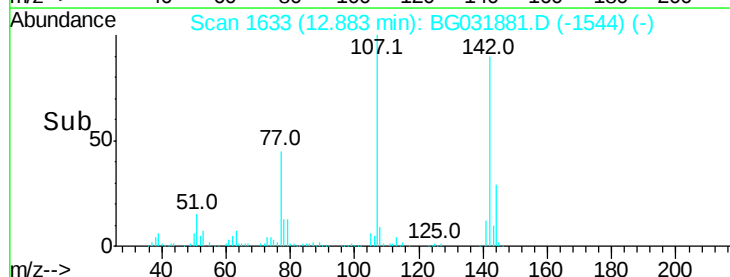
Abundance Ion 107.00 (106.70 to 107.70): E

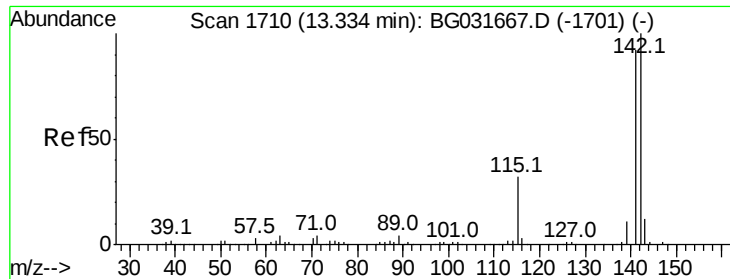
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.88

Time-->

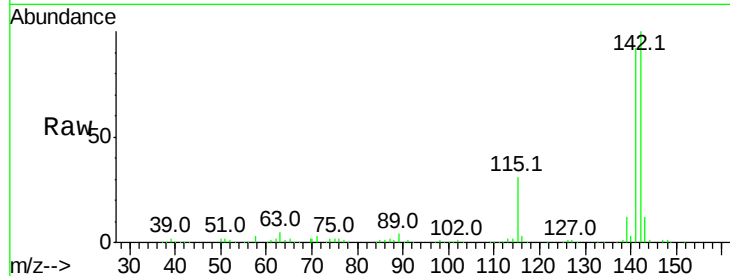




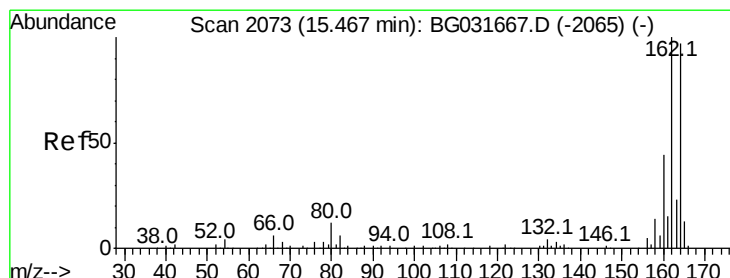
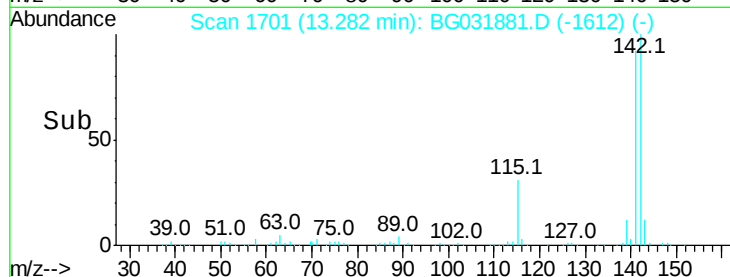
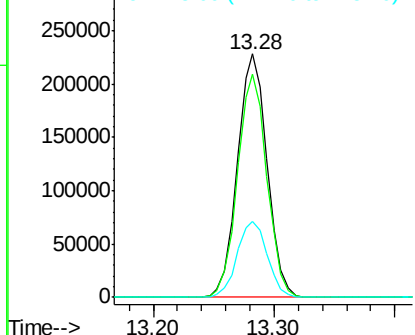
#37
2-Methylnaphthalene
Concen: 50.460 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 388938
Ion Ratio Lower Upper
142 100
141 91.7 67.1 100.7
115 31.0 30.7 46.1

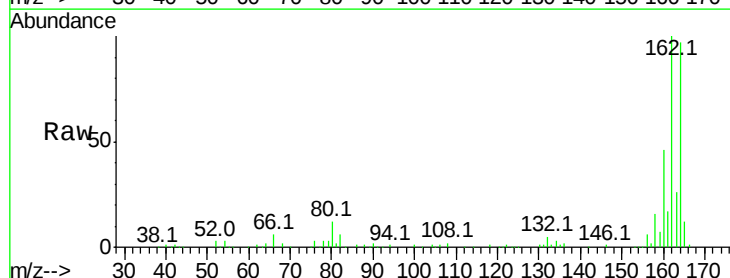


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

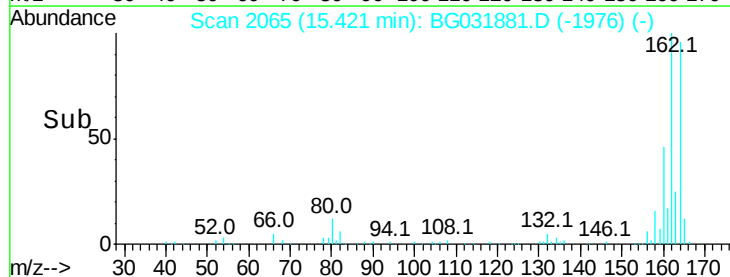
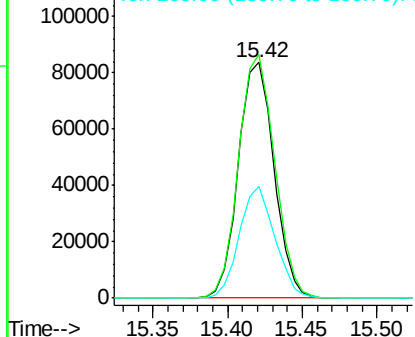


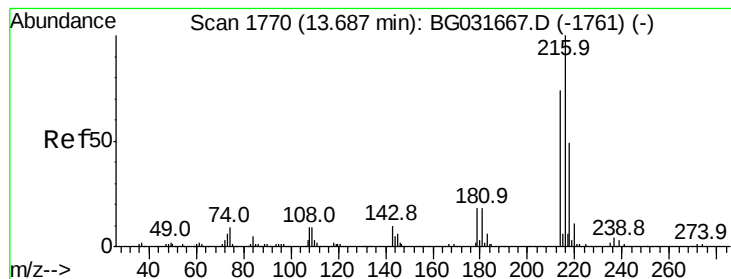
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:164 Resp: 138806
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 47.5 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.323 ng

RT: 13.63 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 259138

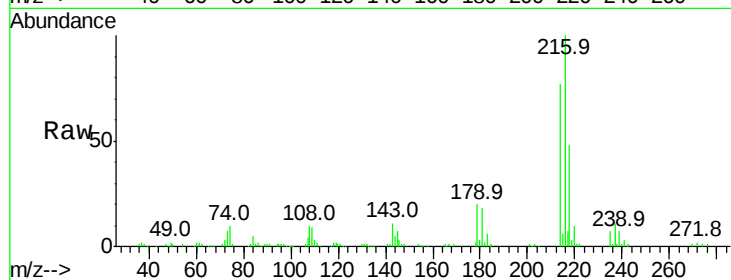
Ion Ratio Lower Upper

216 100

214 77.1 63.0 94.4

179 18.6 17.0 25.6

108 12.2 12.8 19.2#

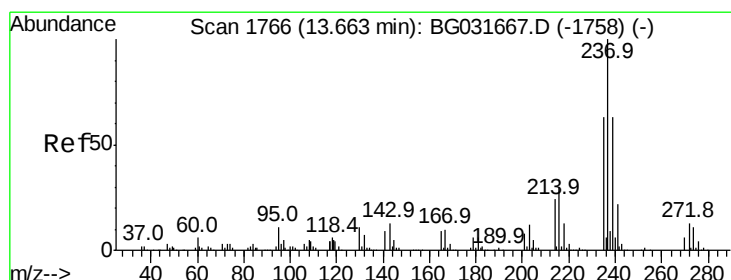
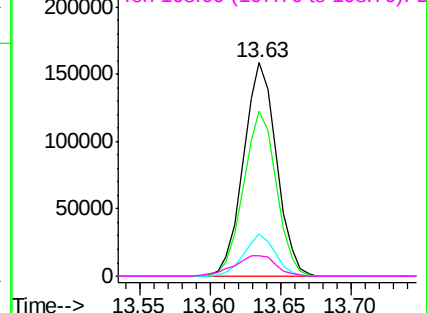
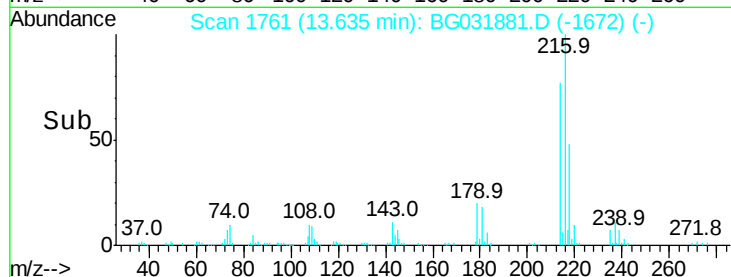


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.141 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

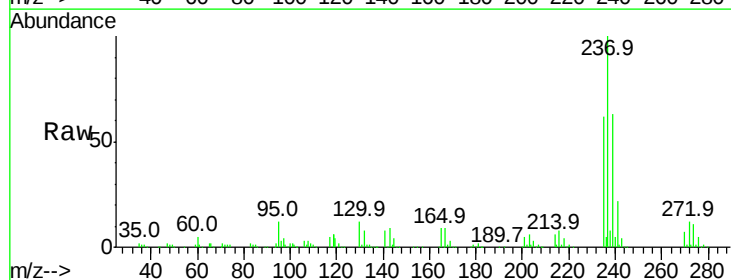
Tgt Ion:237 Resp: 278024

Ion Ratio Lower Upper

237 100

235 61.7 50.4 90.4

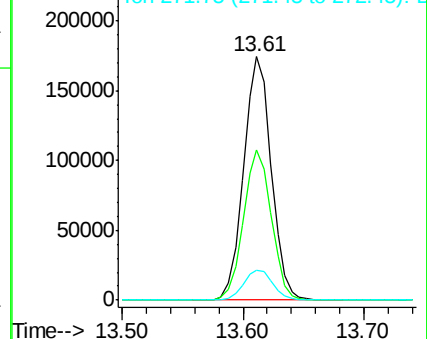
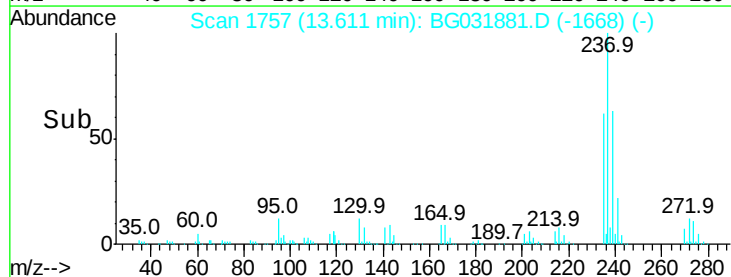
272 12.4 0.0 31.8

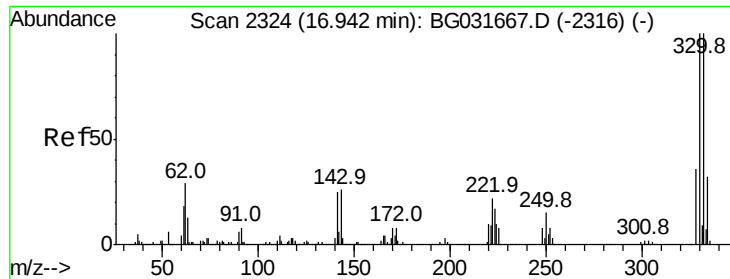


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

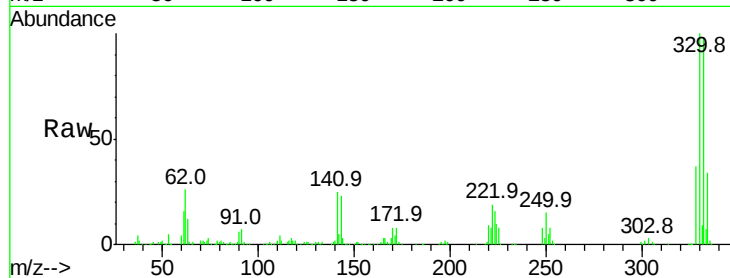




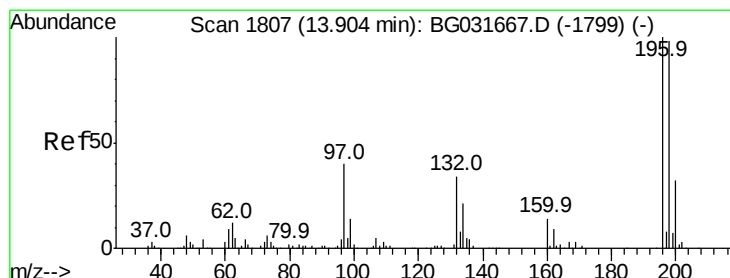
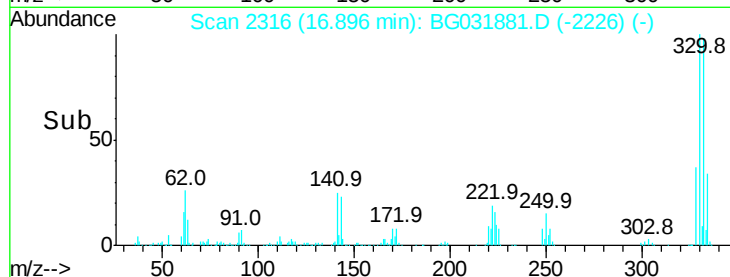
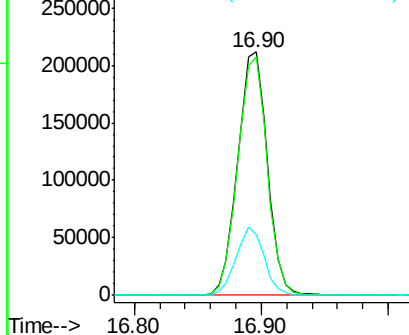
#41
 2,4,6-Tribromophenol
 Concen: 162.052 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 343224
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 26.3 25.2 37.8

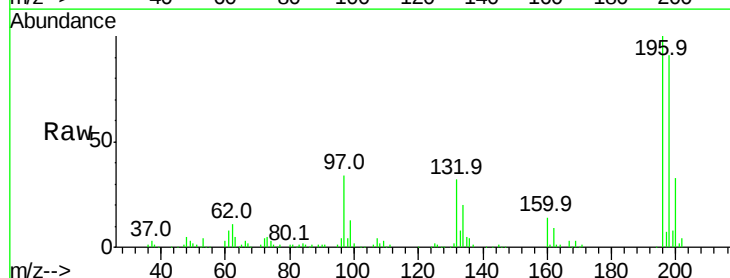


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

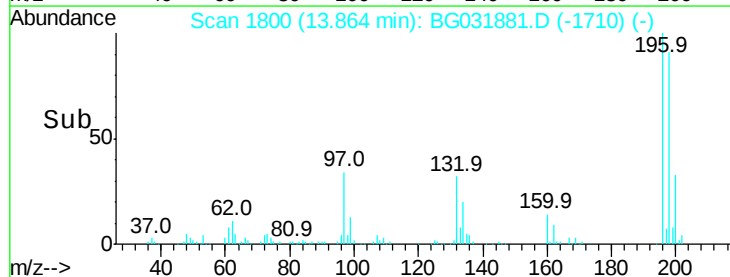
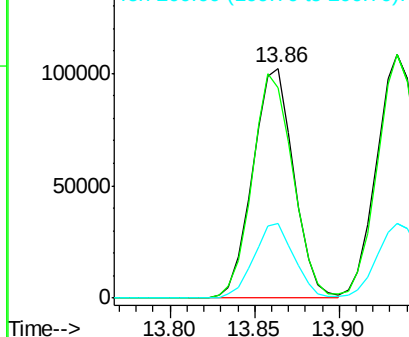


#42
 2,4,6-Trichlorophenol
 Concen: 50.973 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion:196 Resp: 171826
 Ion Ratio Lower Upper
 196 100
 198 91.4 78.2 117.2
 200 32.7 24.6 36.8



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

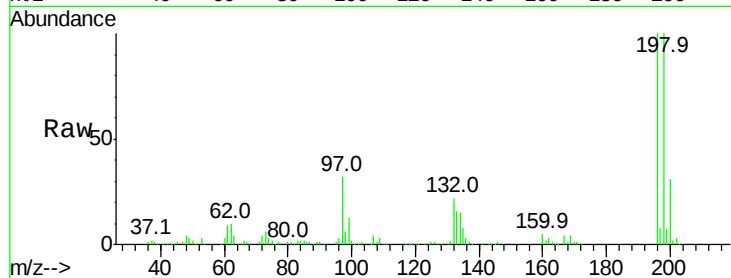




#43
2,4,5-Trichlorophenol
Concen: 50.583 ng
RT: 13.93 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	196	Resp	188963
Ion Ratio	100	Lower	Upper
196	100		
198	100.1	76.2	114.4
97	32.4	38.7	58.1
132	22.4	20.2	30.2



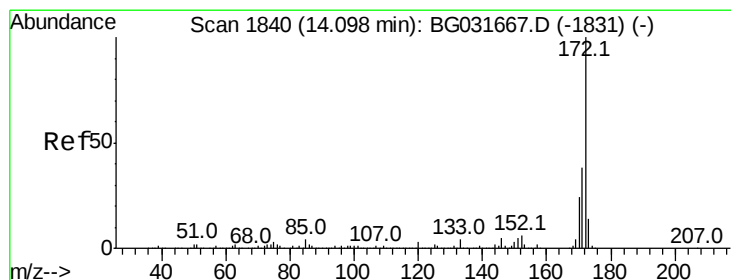
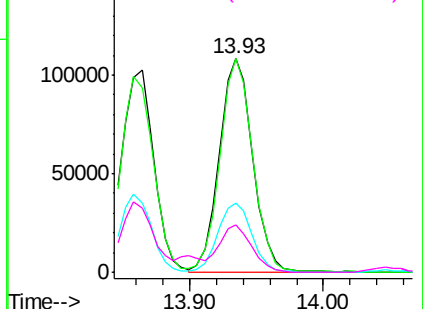
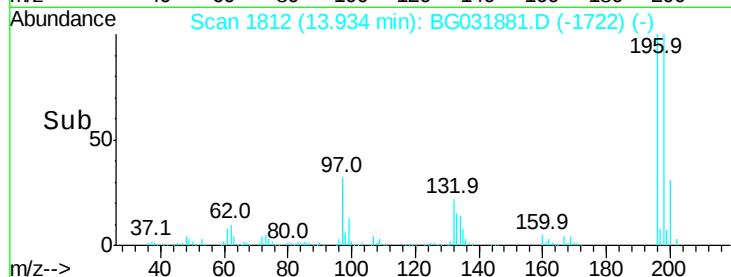
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

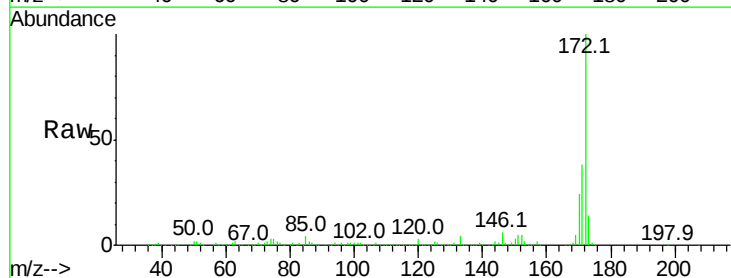
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 86.281 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion	172	Resp	954192
Ion Ratio	100	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.6	19.5	29.3

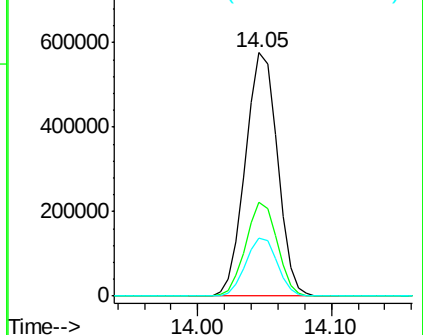
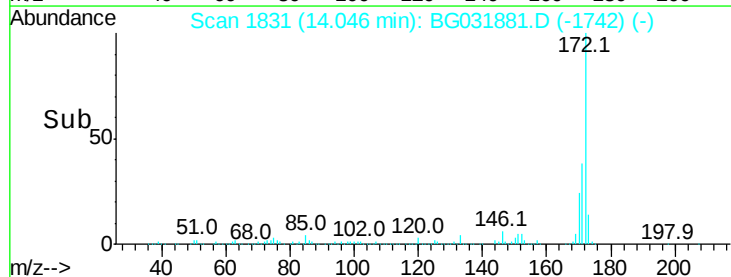


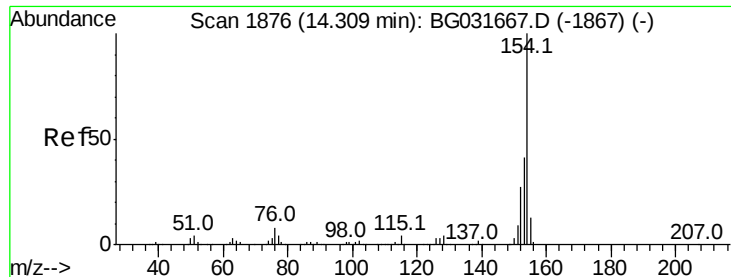
Abundance

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: 46.427 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

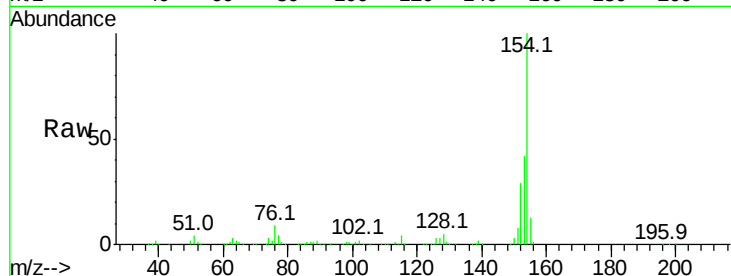
Tot Ion:154 Resp: 550411

Ion Ratio Lower Upper

154 100

153 41.6 19.8 59.8

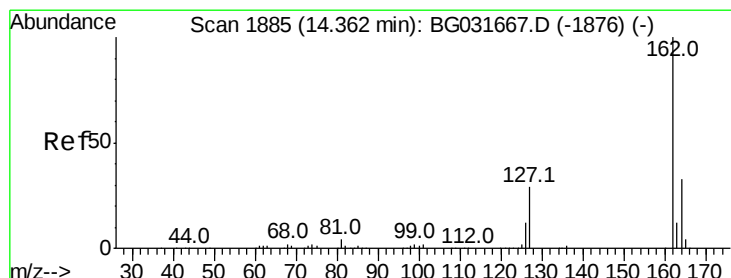
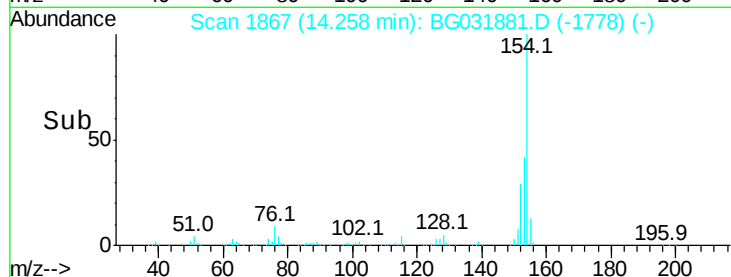
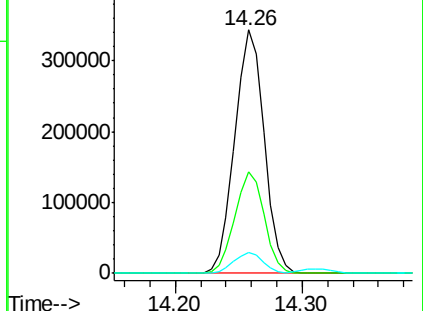
76 8.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 46.253 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

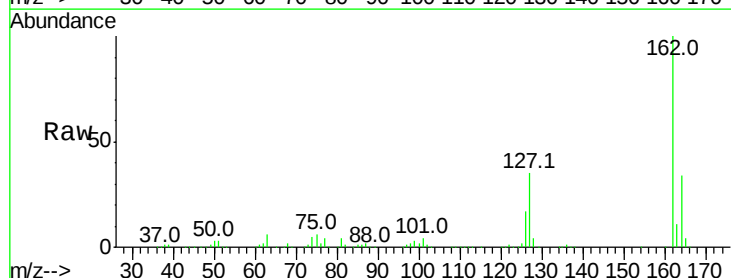
Tgt Ion:162 Resp: 418256

Ion Ratio Lower Upper

162 100

127 34.8 30.7 46.1

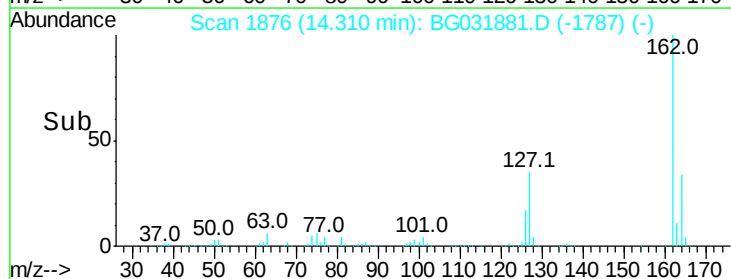
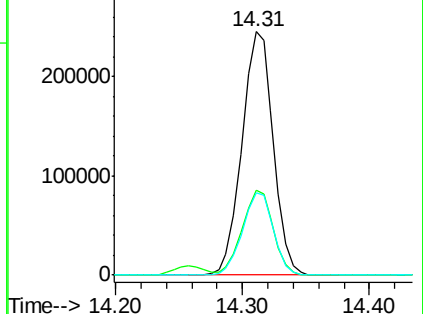
164 33.8 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

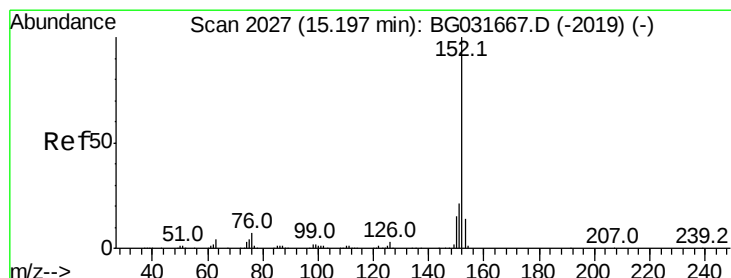
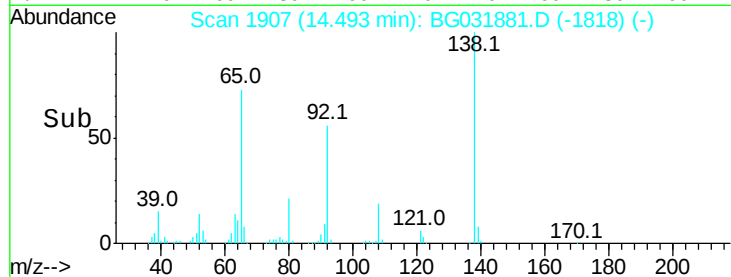
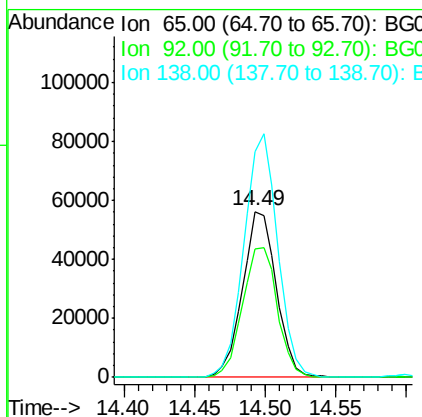
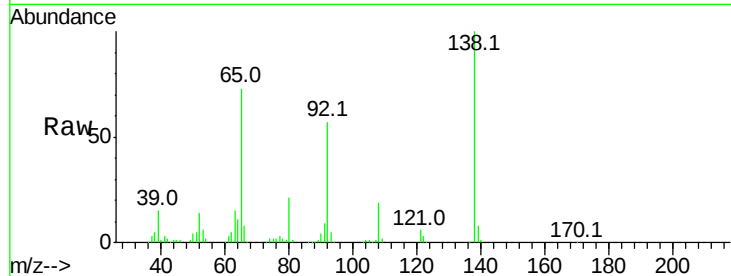




#47
2-Nitroaniline
Concen: 60.375 ng
RT: 14.49 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

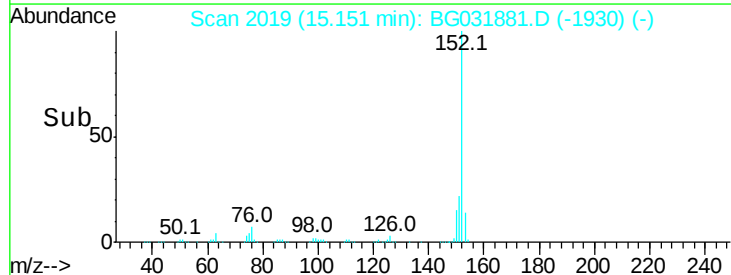
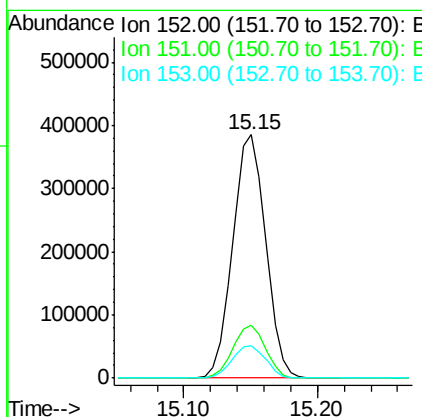
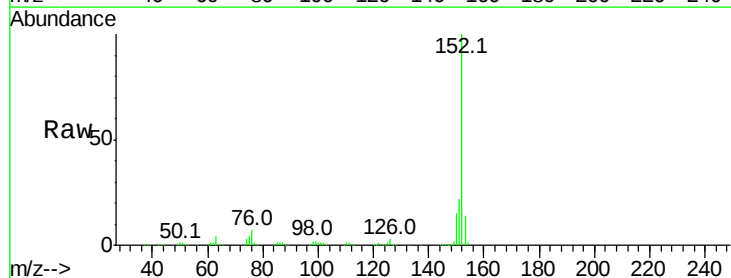
Instrument :
BNA_G
ClientSampleId :

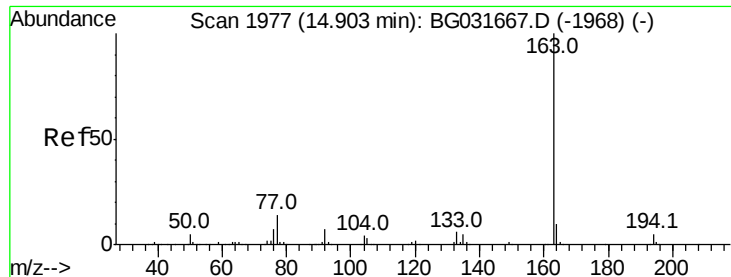
Tot Ion: 65 Resp: 94292
Ion Ratio Lower Upper
65 100
92 77.6 54.6 82.0
138 136.4 72.9 109.3#



#48
Acenaphthylene
Concen: 45.679 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion: 152 Resp: 660828
Ion Ratio Lower Upper
152 100
151 21.6 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 47.800 ng

RT: 14.85 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampled :

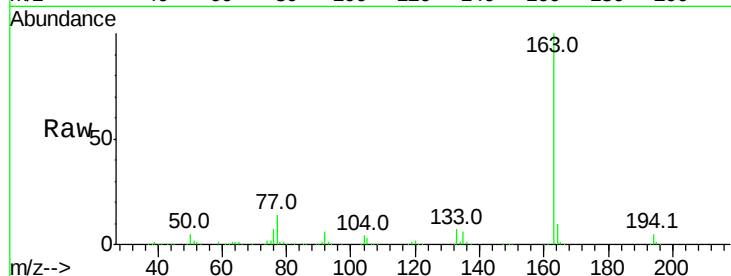
Tot Ion:163 Resp: 584507

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

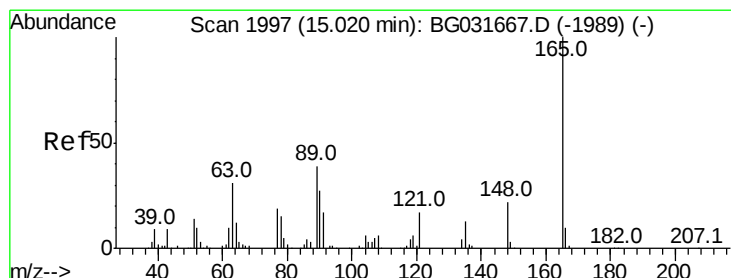
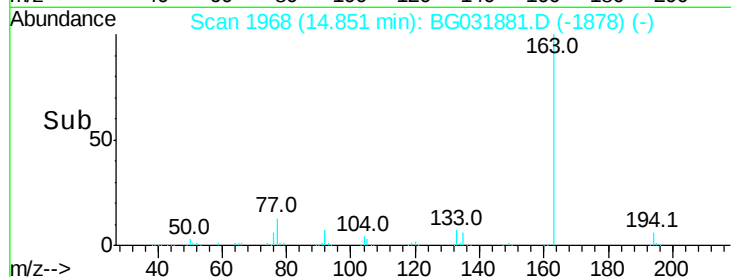
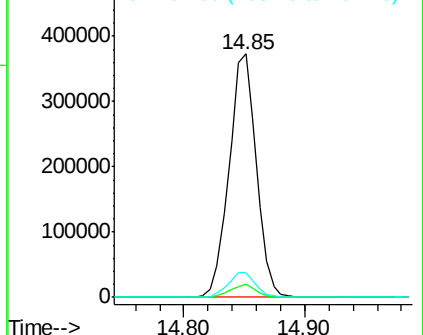
164 9.9 8.2 12.4



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: 58.942 ng

RT: 14.97 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

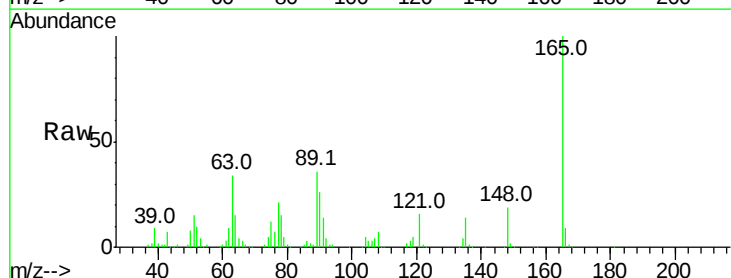
Tgt Ion:165 Resp: 132592

Ion Ratio Lower Upper

165 100

63 33.7 52.7 79.1#

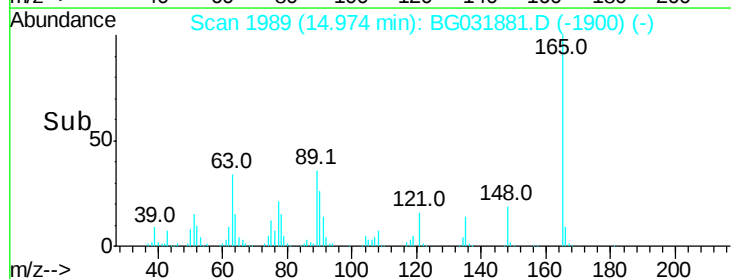
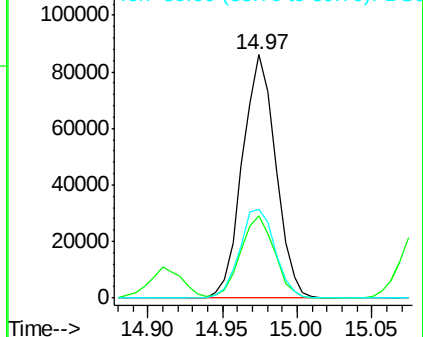
89 36.2 49.2 73.8#



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: 51.864 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

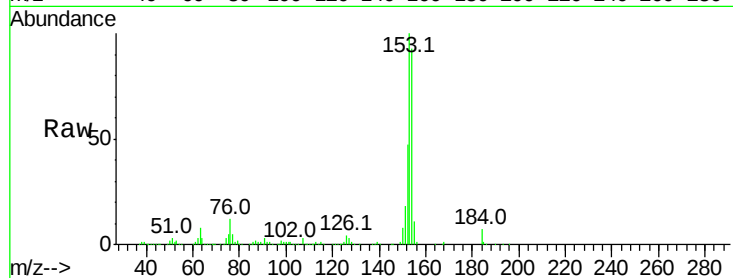
Tot Ion:154 Resp: 491395

Ion Ratio Lower Upper

154 100

153 107.1 90.4 135.6

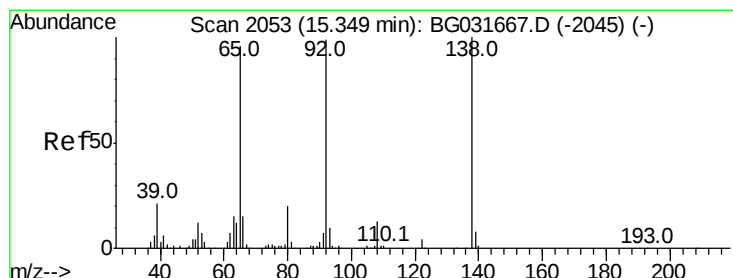
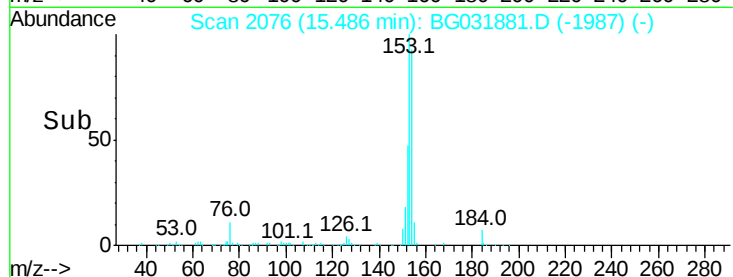
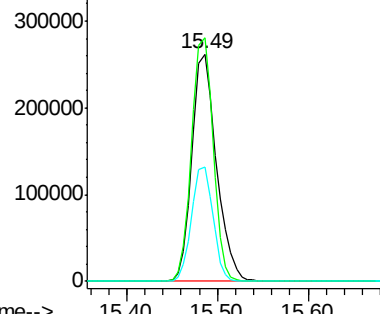
152 50.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.705 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

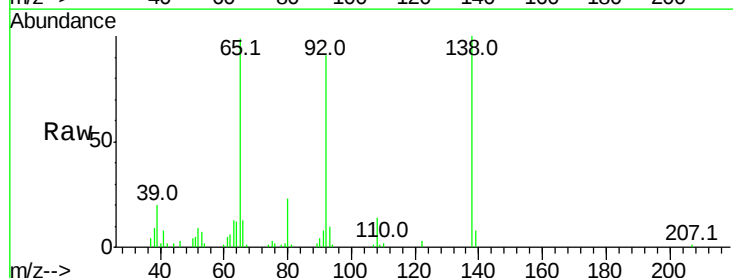
Tgt Ion:138 Resp: 32273

Ion Ratio Lower Upper

138 100

108 13.9 17.5 26.3#

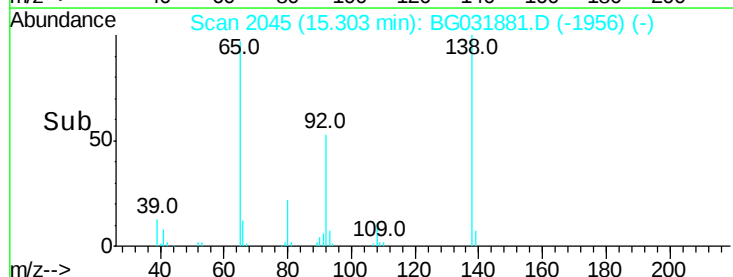
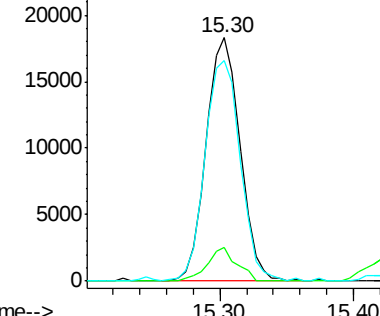
92 90.6 105.8 158.8#

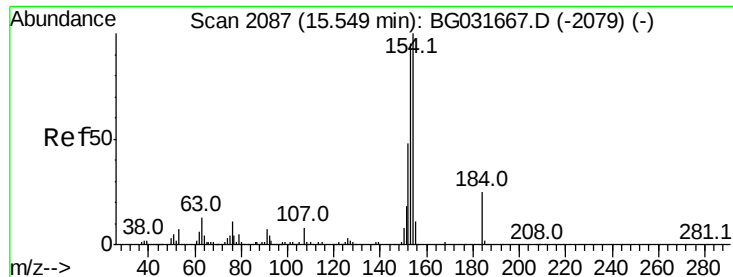


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

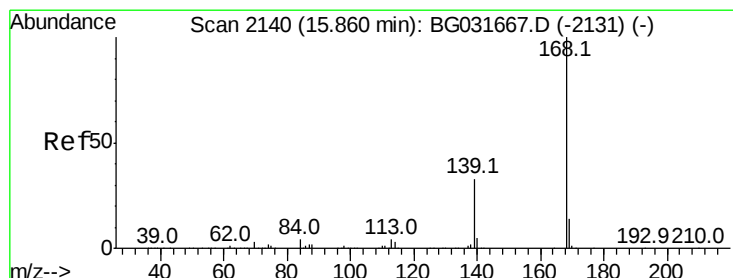
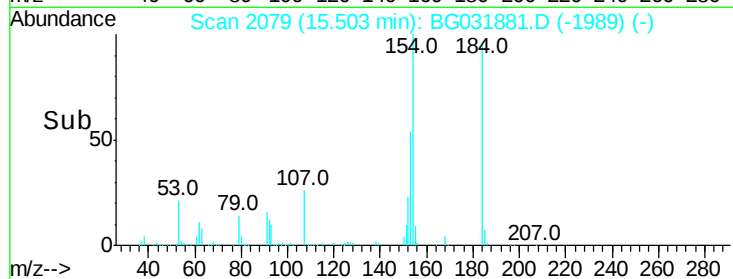
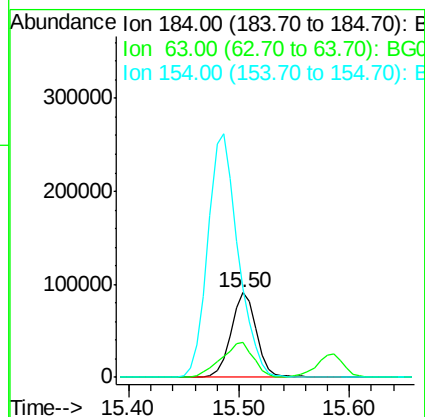
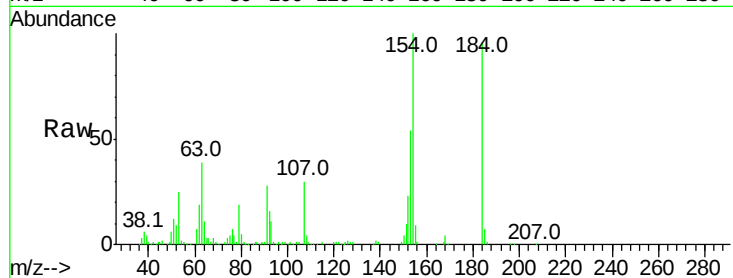




#53
 2,4-Dinitrophenol
 Concen: 147.607 ng
 RT: 15.50 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

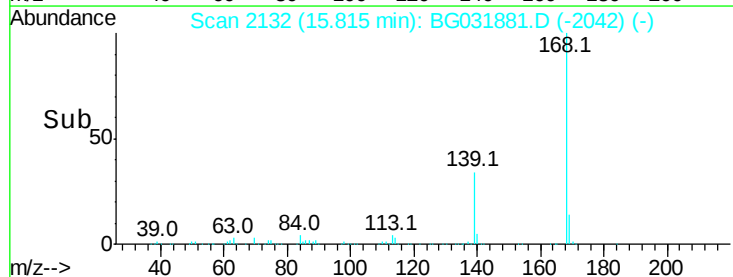
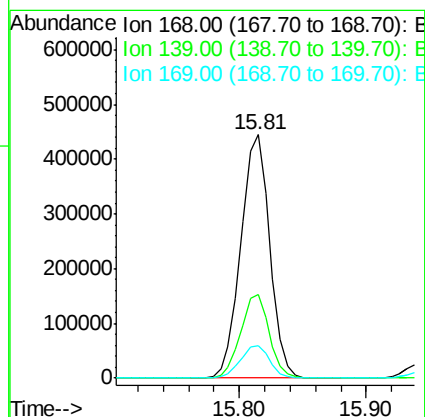
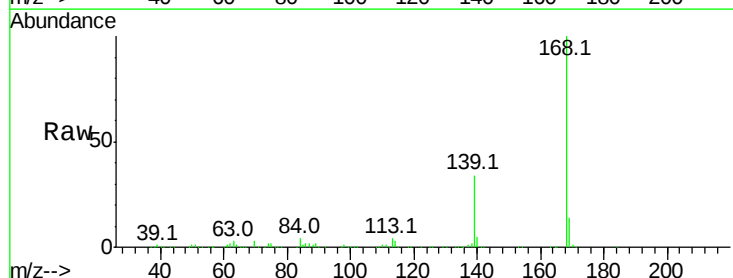
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 147875
 Ion Ratio Lower Upper
 184 100
 63 40.9 59.8 89.8#
 154 104.7 101.8 152.8



#54
 Dibenzofuran
 Concen: 48.296 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion:168 Resp: 701433
 Ion Ratio Lower Upper
 168 100
 139 34.3 28.6 43.0
 169 13.6 11.2 16.8

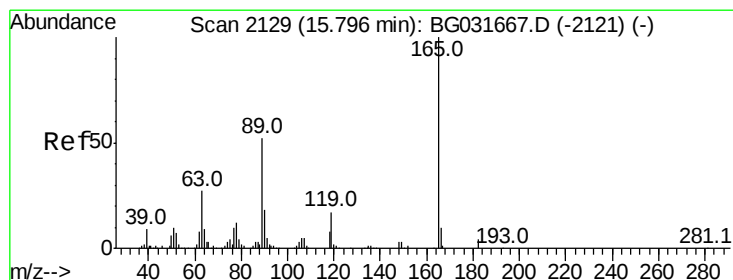
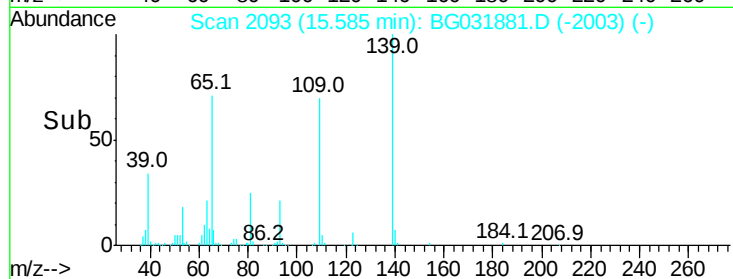
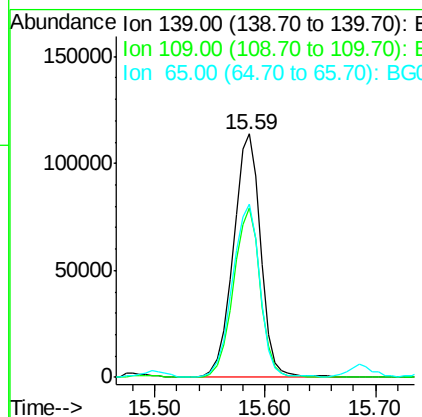
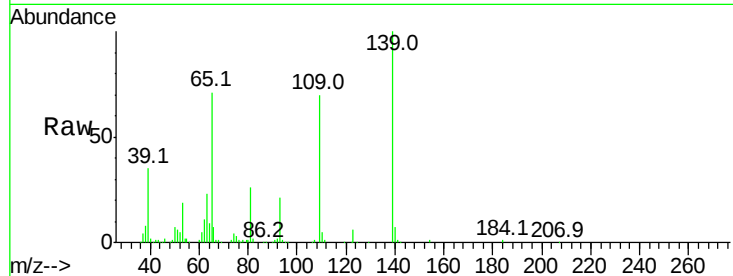




#55
4-Nitrophenol
Concen: 110.409 ng
RT: 15.59 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

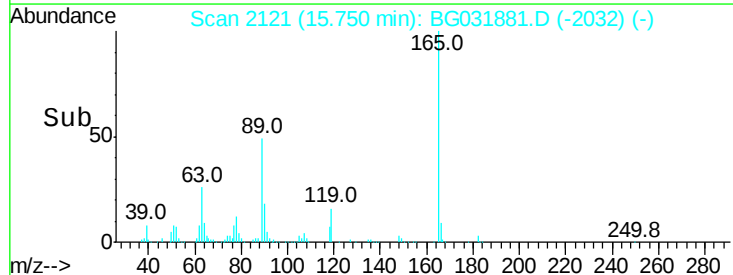
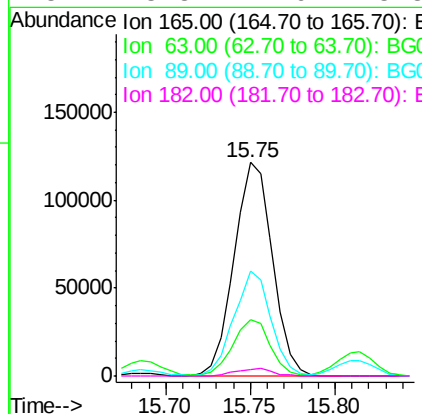
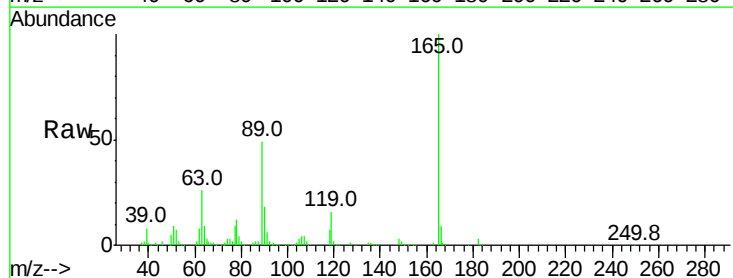
Instrument :
BNA_G
ClientSampleId :

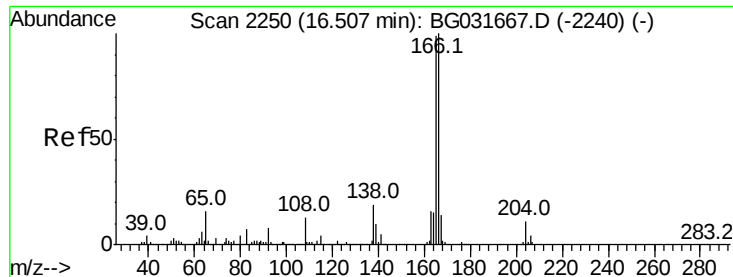
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.8	62.2	102.2
65	71.3	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 66.245 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.2	42.0	63.0#
89	49.2	66.9	100.3#
182	3.3	2.6	3.8

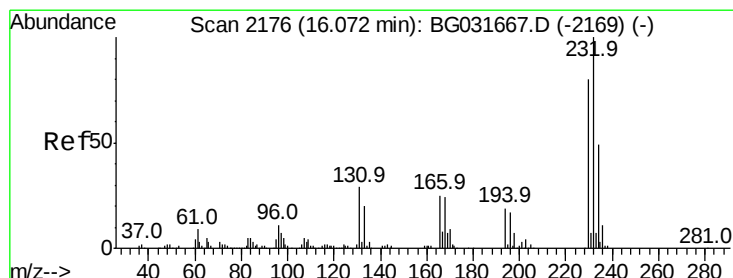
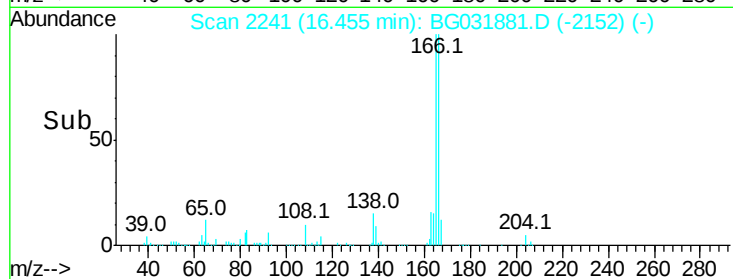
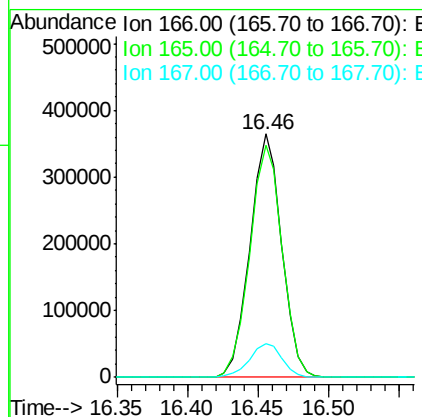
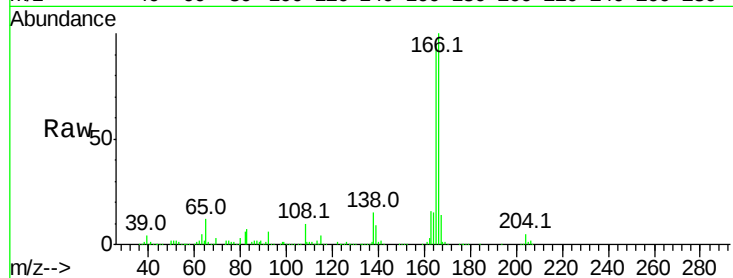




#57
 Fluorene
 Concen: 48.529 ng
 RT: 16.46 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

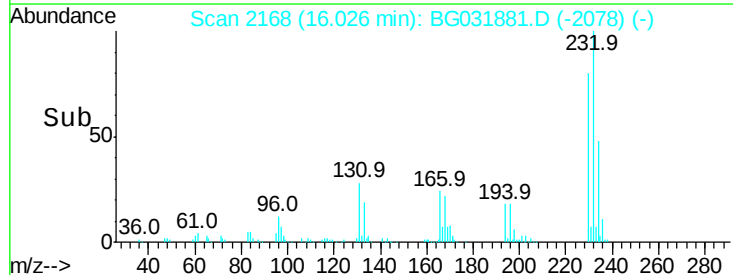
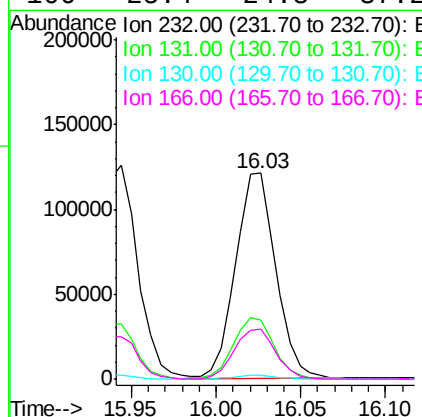
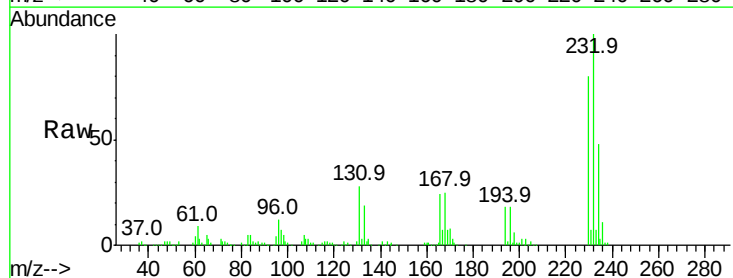
Instrument :
 BNA_G
 ClientSampleId :

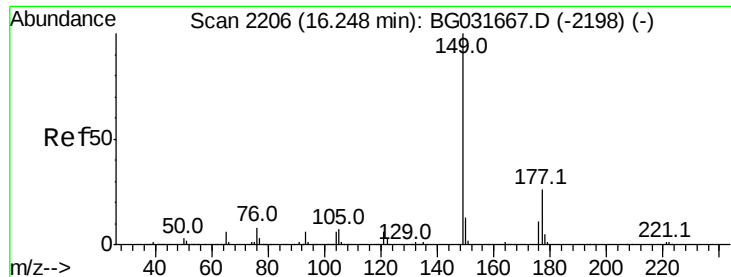
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.5	80.6	121.0
167	13.6	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.756 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.4	33.5	50.3#
130	1.9	2.2	3.2#
166	25.4	24.8	37.2

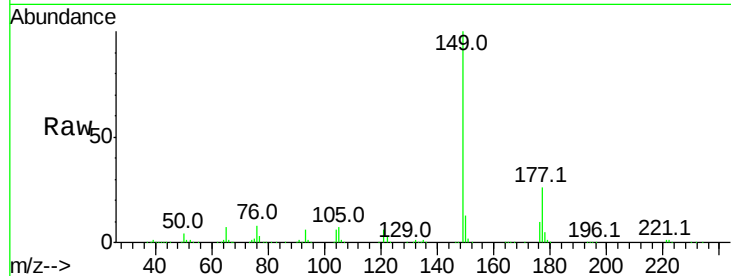




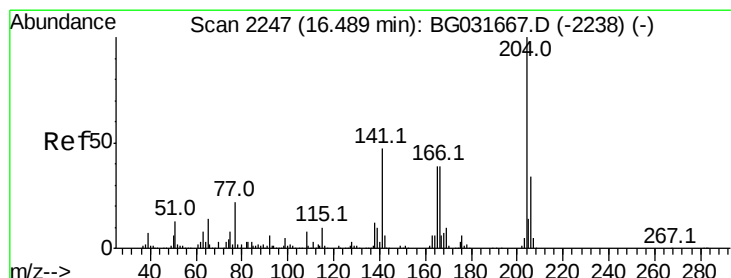
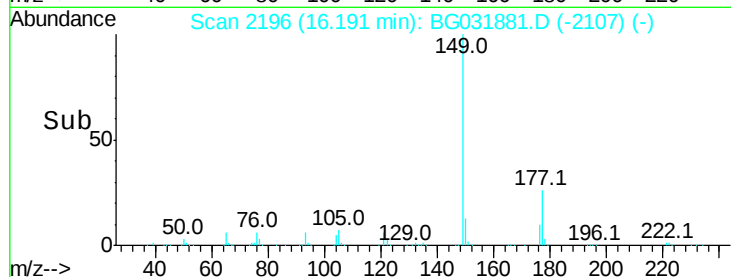
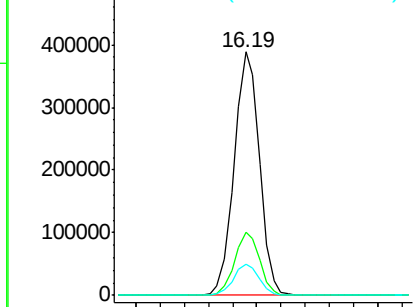
#59
Diethylphthalate
Concen: 47.507 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 566212
Ion Ratio Lower Upper
149 100
177 26.1 18.5 27.7
150 12.6 10.2 15.2

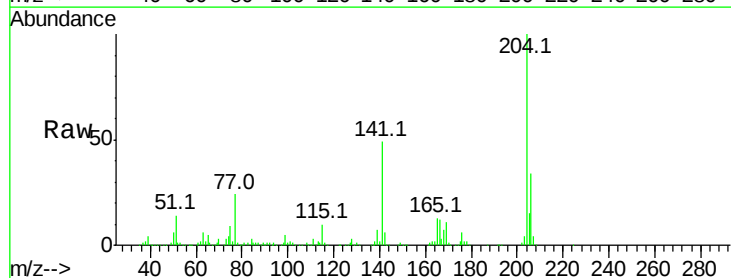


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

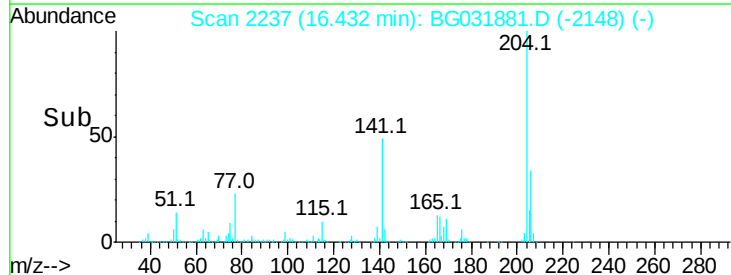
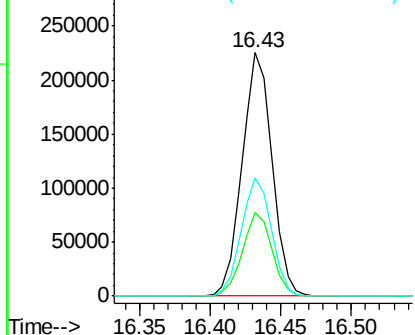


#60
4-Chlorophenyl-phenylether
Concen: 46.368 ng
RT: 16.43 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:204 Resp: 334734
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 48.6 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

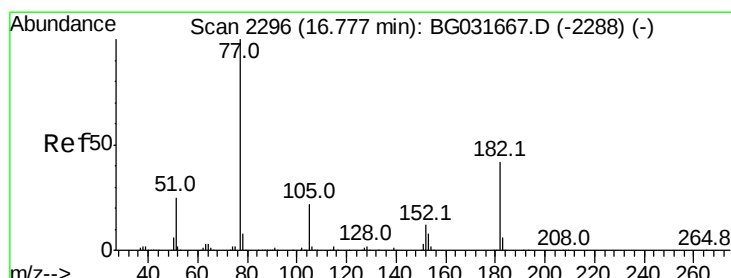
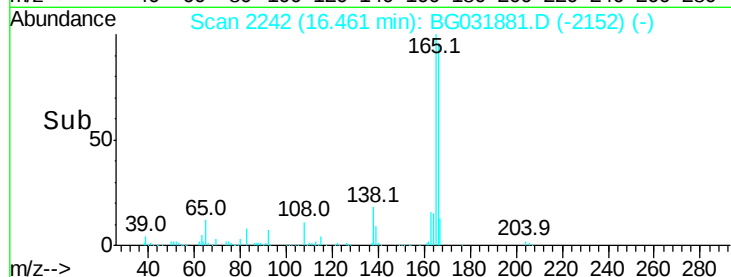
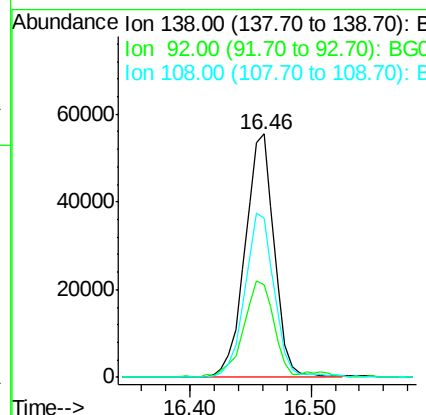
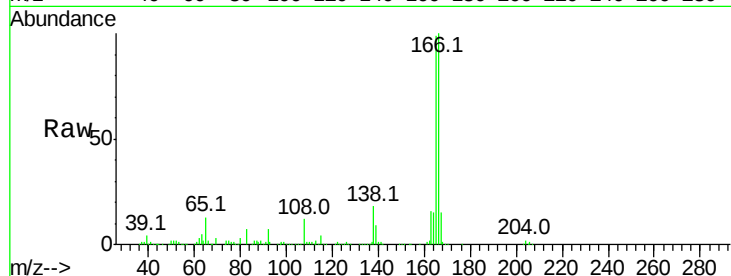




#61
4-Nitroaniline
Concen: 43.766 ng
RT: 16.46 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

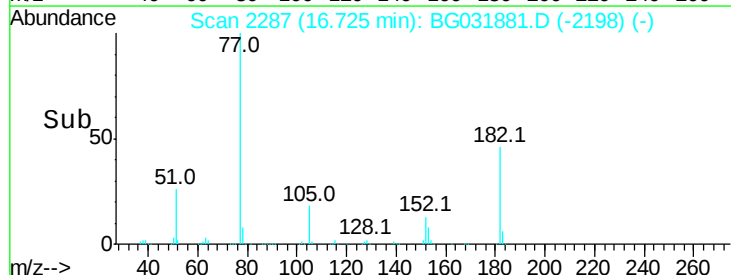
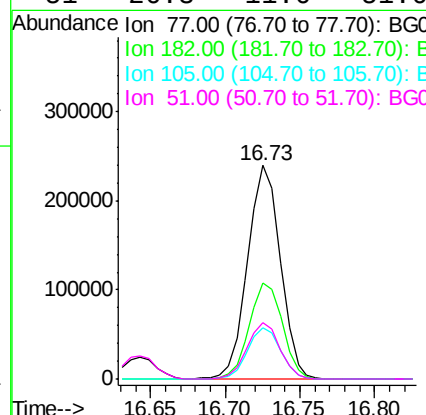
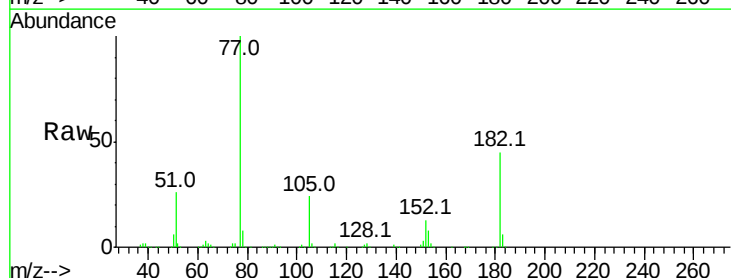
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 93733
Ion Ratio Lower Upper
138 100
92 37.9 40.1 80.1#
108 65.5 65.4 105.4



#62
Azobenzene
Concen: 47.648 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion: 77 Resp: 364198
Ion Ratio Lower Upper
77 100
182 44.9 7.4 47.4
105 23.8 0.3 40.3
51 26.3 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.15 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

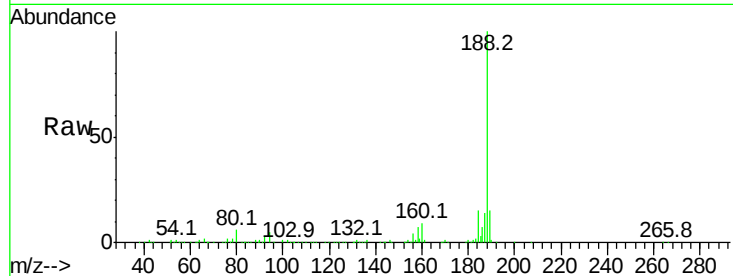
Tot Ion:188 Resp: 369592

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

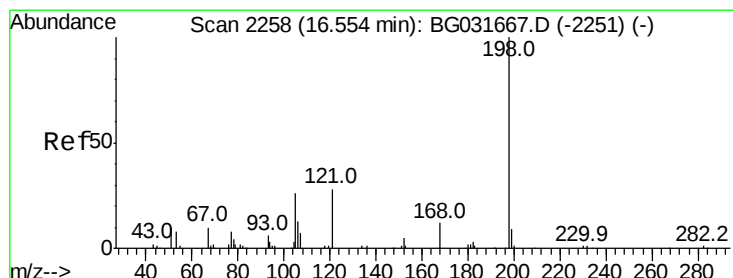
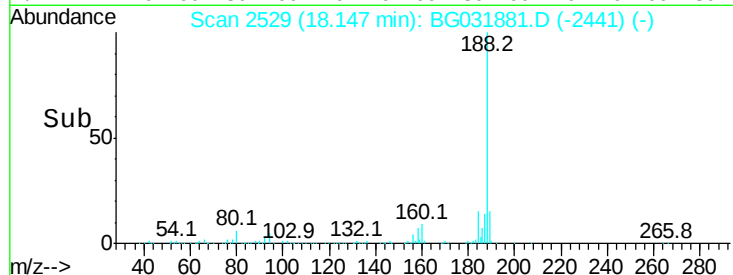
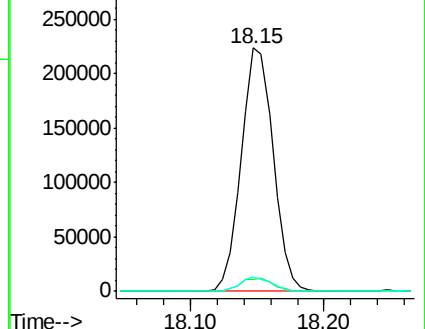
80 5.7 7.7 11.5#



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: 55.299 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

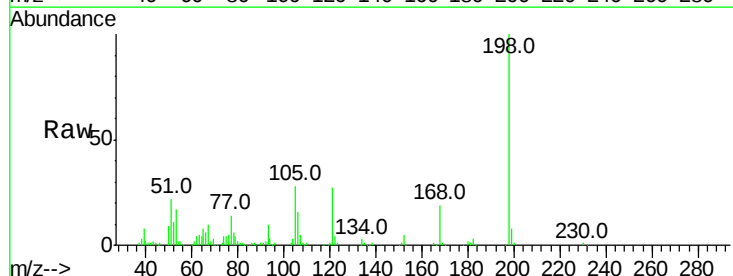
Tgt Ion:198 Resp: 102174

Ion Ratio Lower Upper

198 100

51 22.2 30.6 70.6#

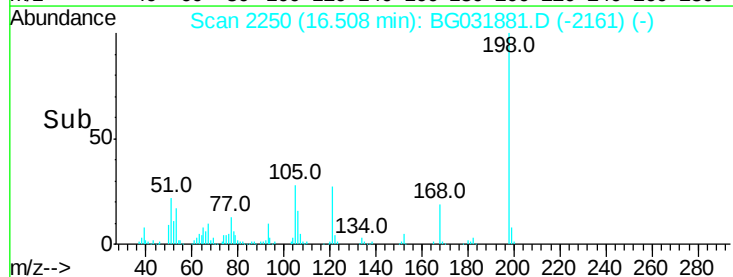
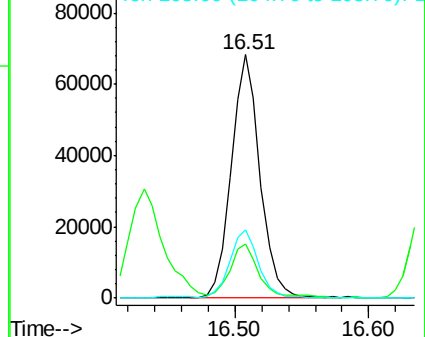
105 28.2 23.8 63.8



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: 43.004 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

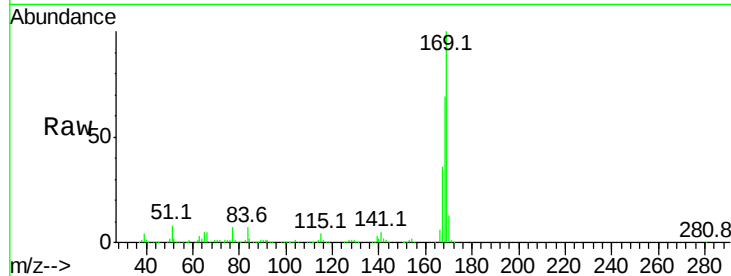
Tot Ion:169 Resp: 527871

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

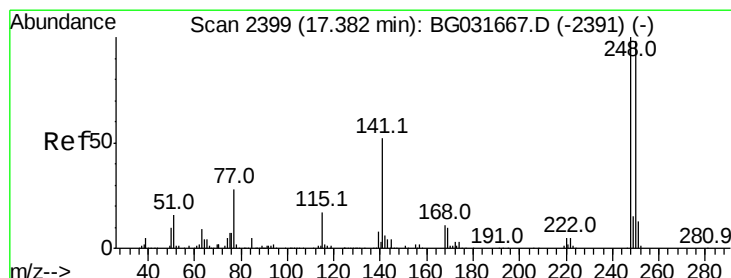
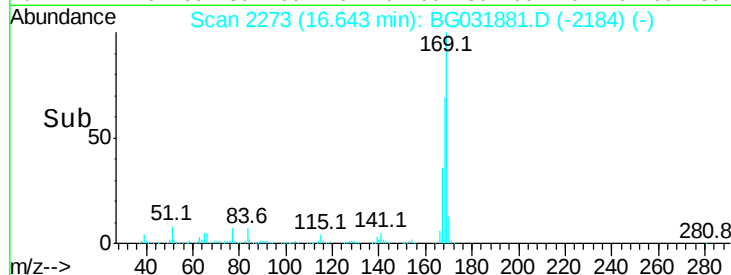
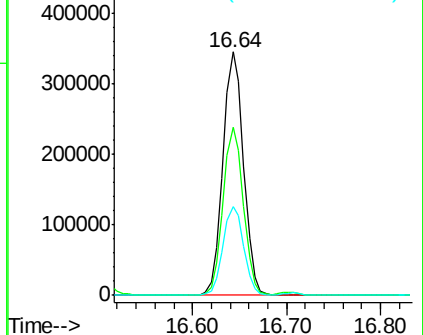
167 36.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.314 ng

RT: 17.32 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

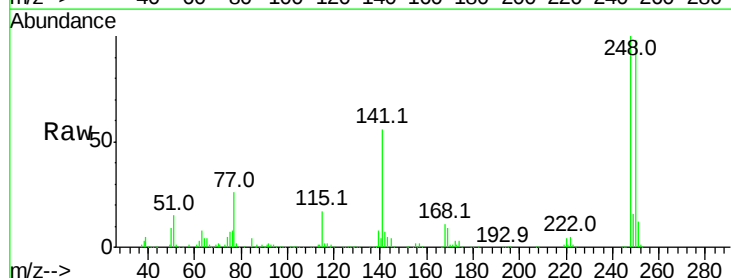
Tgt Ion:248 Resp: 247526

Ion Ratio Lower Upper

248 100

250 98.4 77.1 115.7

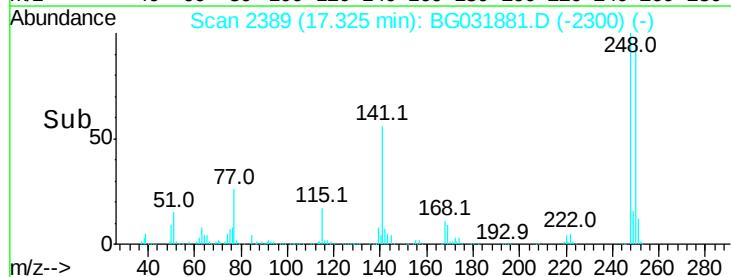
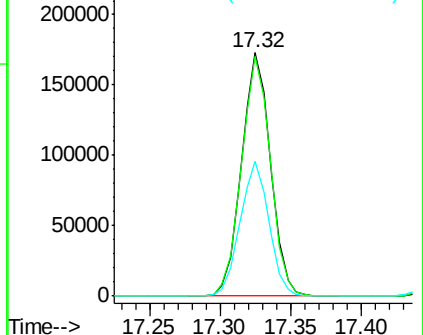
141 55.5 50.8 76.2

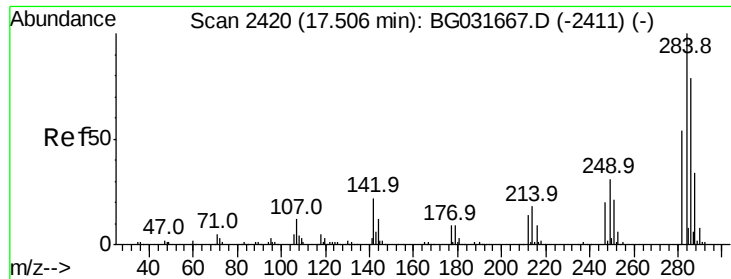


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

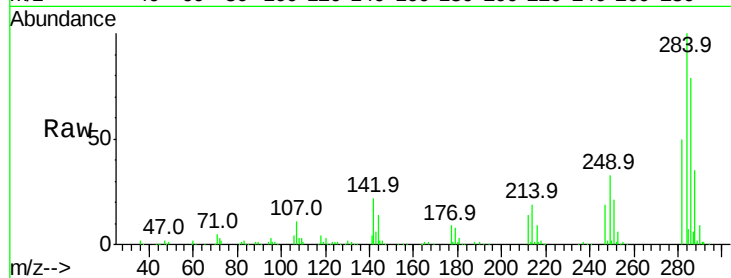




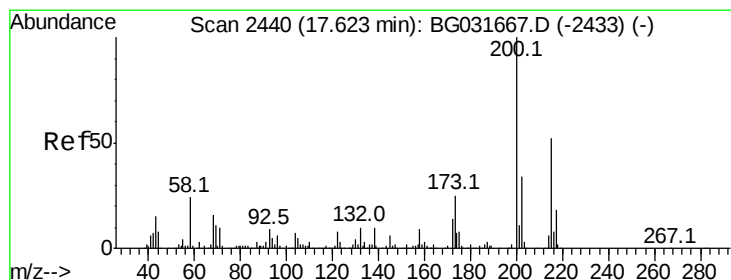
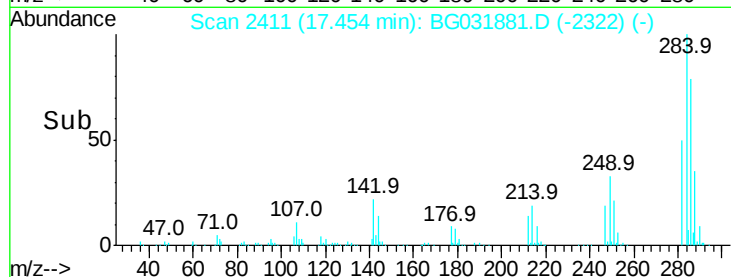
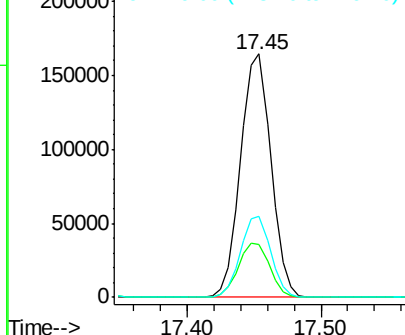
#67
Hexachlorobenzene
Concen: 47.554 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 259813
Ion Ratio Lower Upper
284 100
142 21.7 26.8 40.2#
249 33.1 26.3 39.5

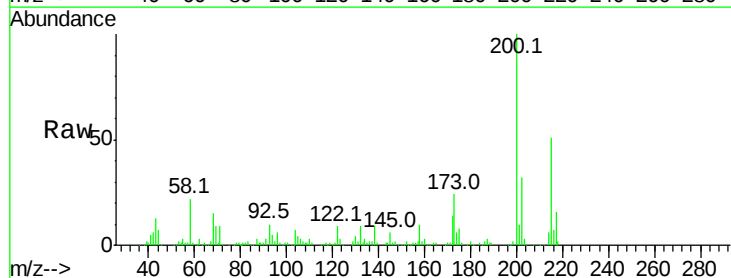


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

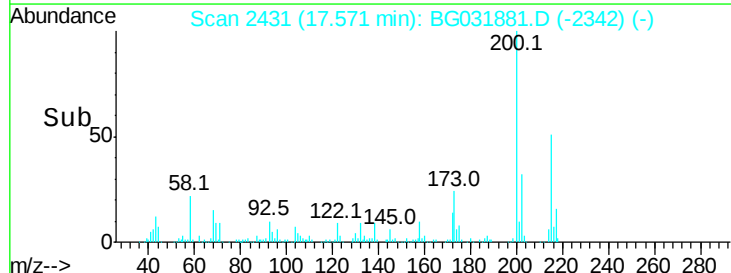
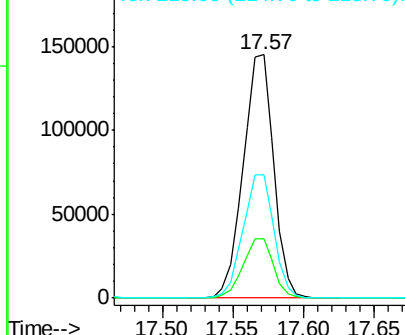


#68
Atrazine
Concen: 45.942 ng
RT: 17.57 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:200 Resp: 219280
Ion Ratio Lower Upper
200 100
173 24.4 5.2 45.2
215 50.5 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

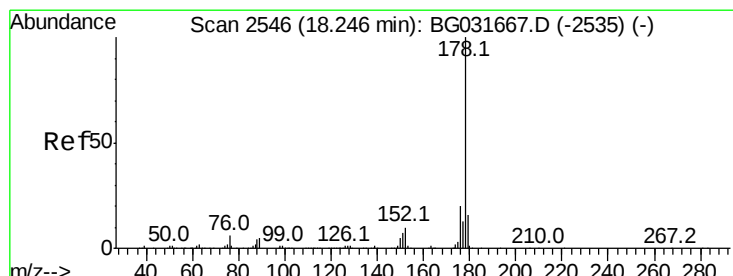
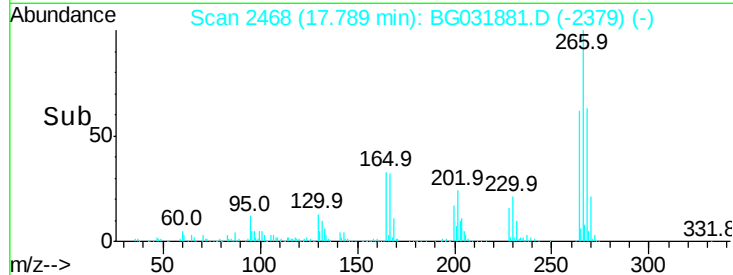
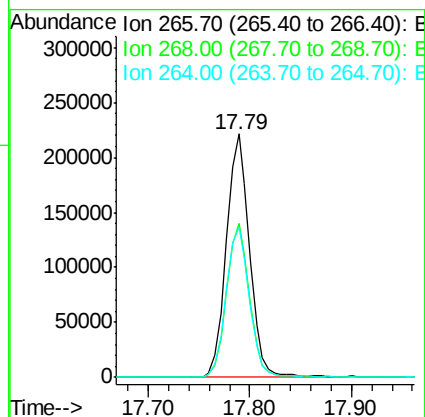
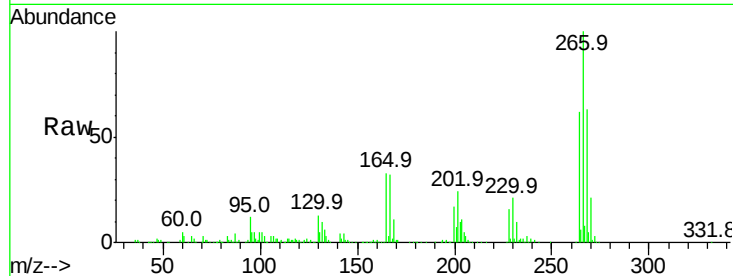




#69
 Pentachlorophenol
 Concen: 93.326 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

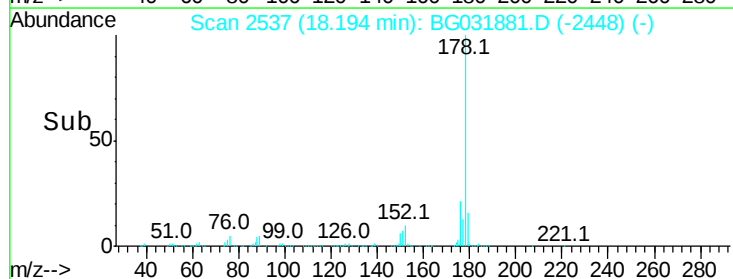
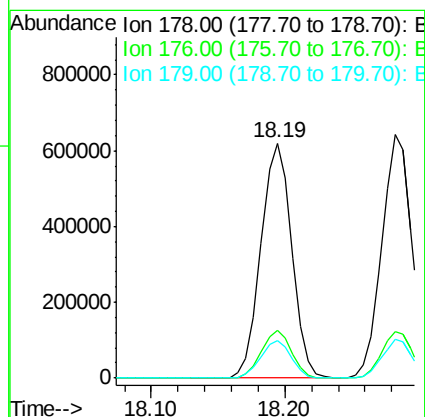
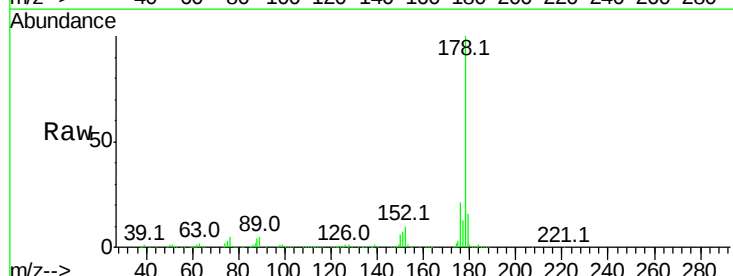
Instrument :
 BNA_G
 ClientSampled :

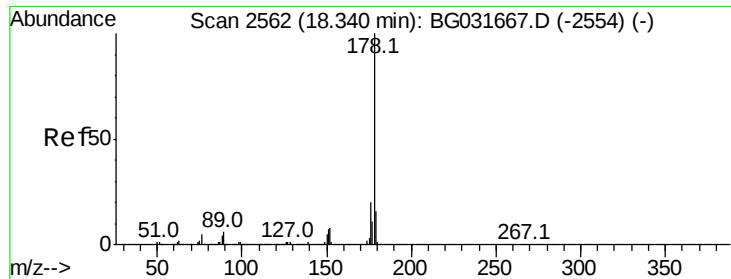
Tot Ion:	266	Resp:	350712
Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	61.6	49.6	74.4



#70
 Phenanthrene
 Concen: 47.194 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion:	178	Resp:	987124
Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.0	12.5	18.7

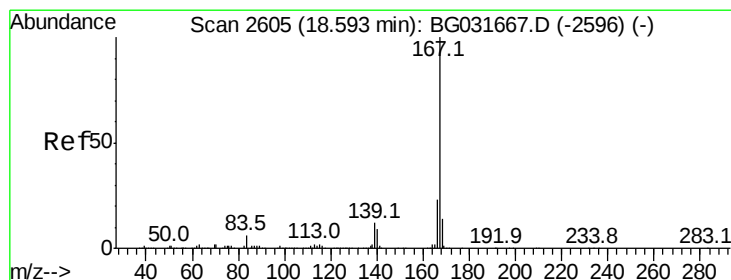
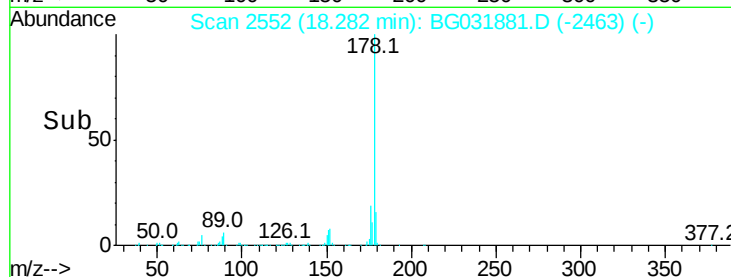
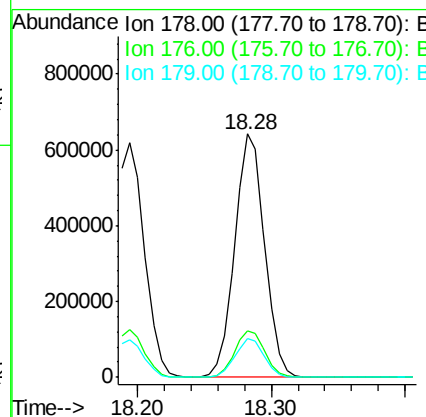
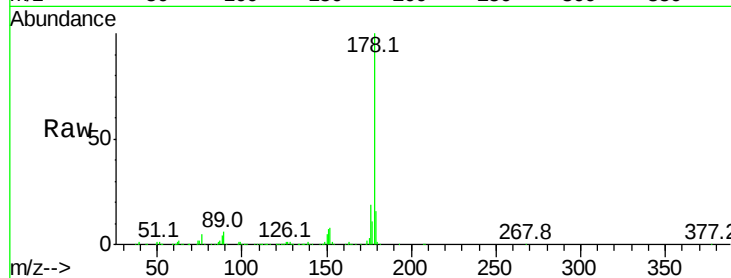




#71
 Anthracene
 Concen: 47.238 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

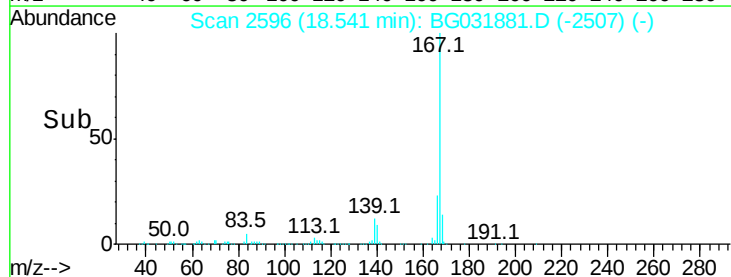
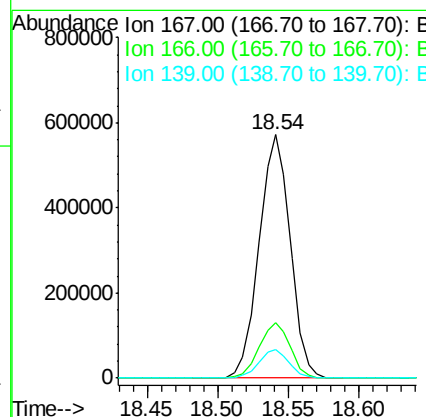
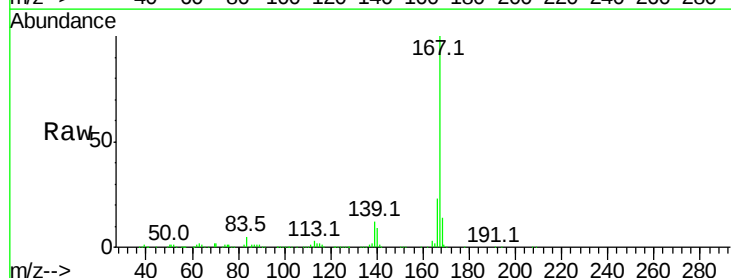
Instrument :
 BNA_G
 ClientSampleId :

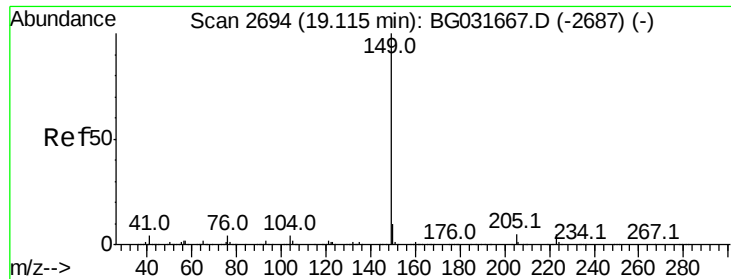
Tot Ion:178 Resp: 996675
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.9 12.5 18.7



#72
 Carbazole
 Concen: 47.450 ng
 RT: 18.54 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion:167 Resp: 886112
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 11.7 9.4 14.2

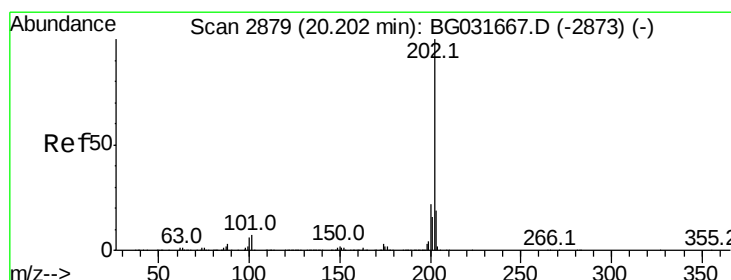
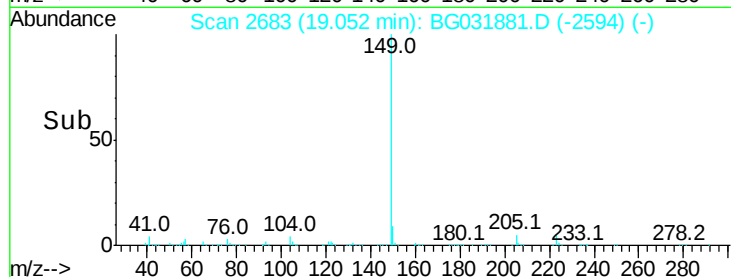
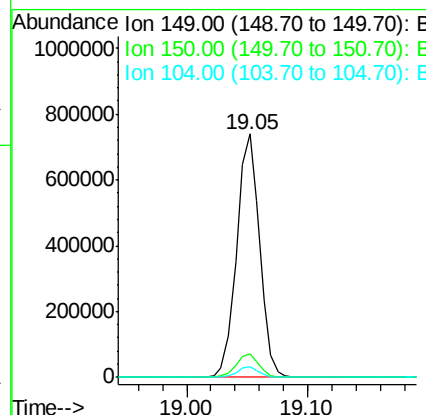
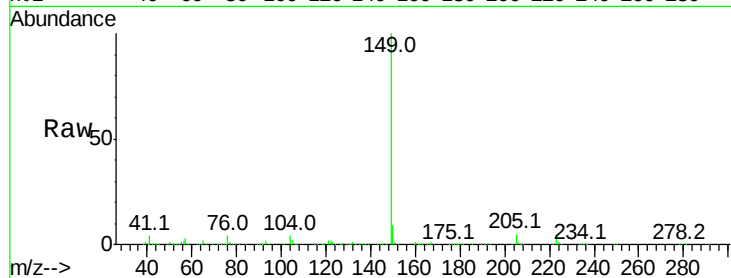




#73
Di-n-butylphthalate
Concen: 46.973 ng
RT: 19.05 min Scan# 2683
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

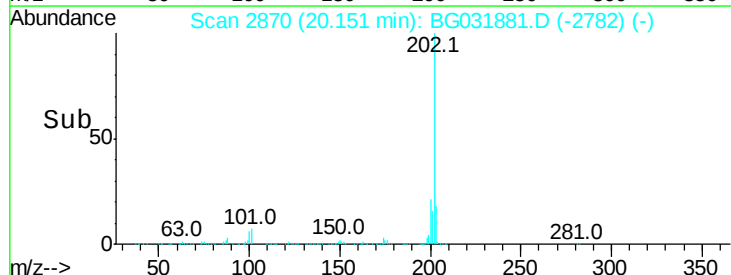
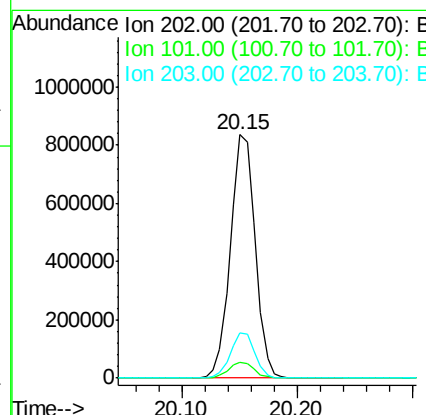
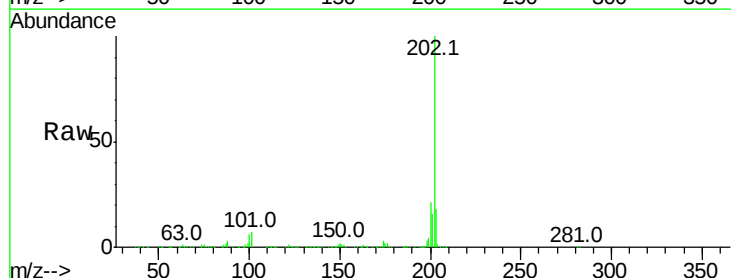
Instrument :
BNA_G
ClientSampleId :

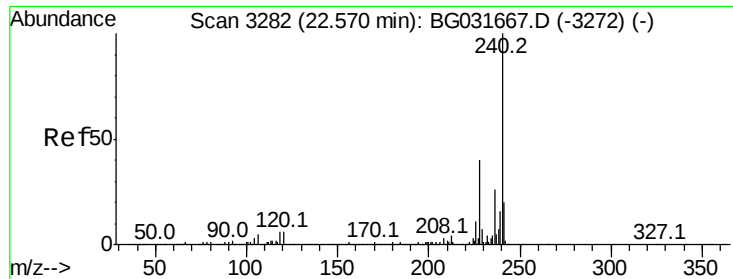
Tot Ion:149 Resp: 974865
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.2 3.9 5.9



#74
Fluoranthene
Concen: 48.202 ng
RT: 20.15 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:202 Resp: 1237055
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.9
203 18.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

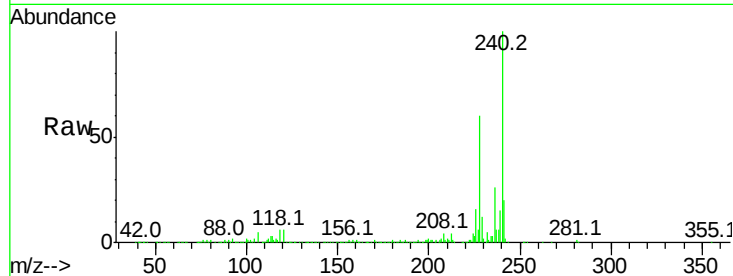
Tot Ion:240 Resp: 418063

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

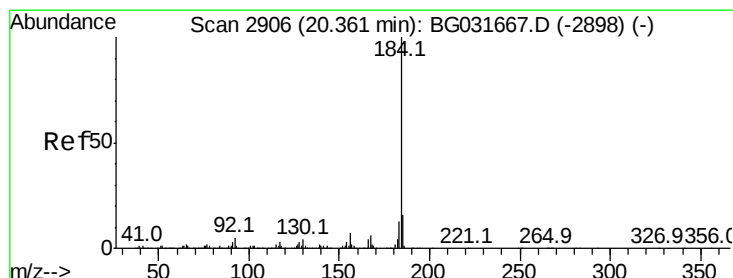
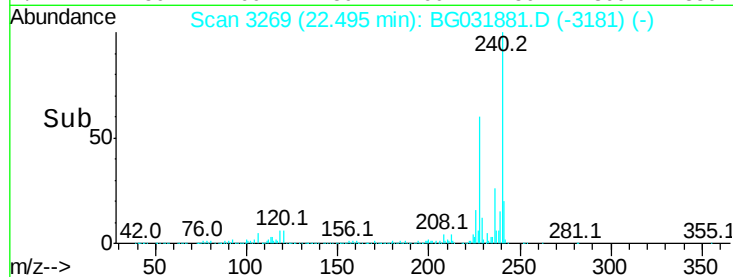
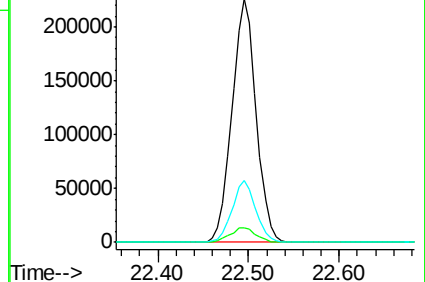
236 25.6 20.9 31.3



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: 3.847 ng

RT: 20.31 min Scan# 2897

Delta R.T. -0.01 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

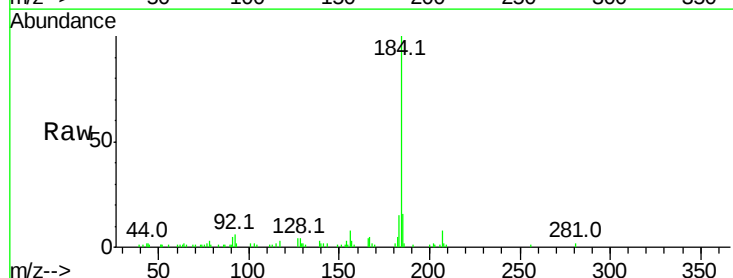
Tgt Ion:184 Resp: 49638

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

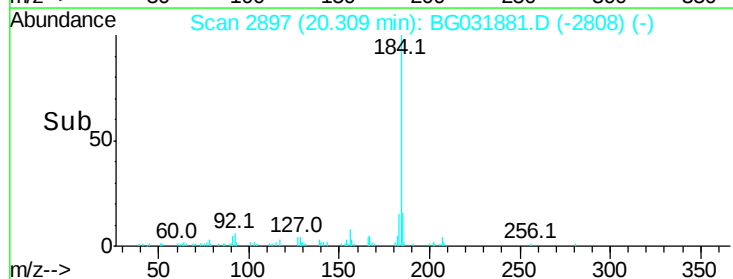
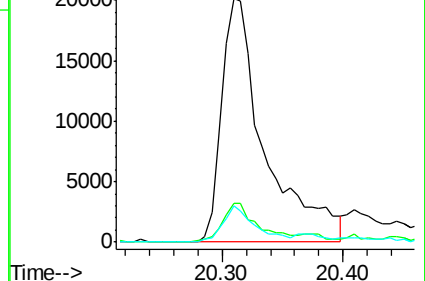
183 14.8 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

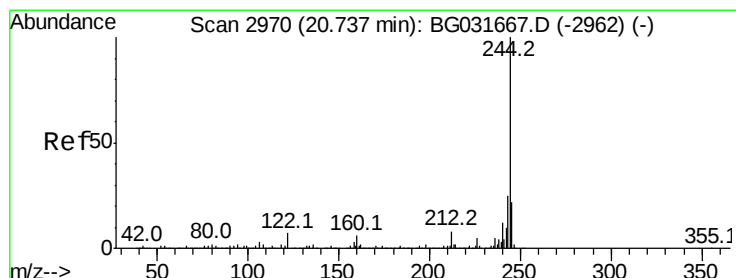
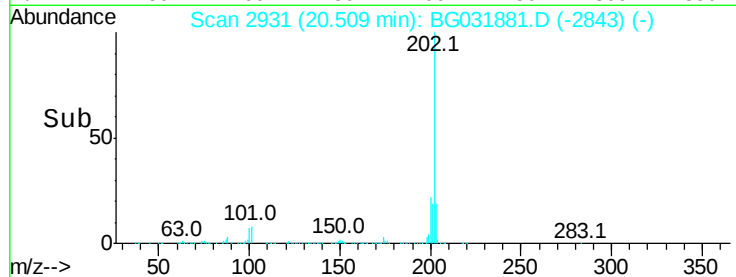
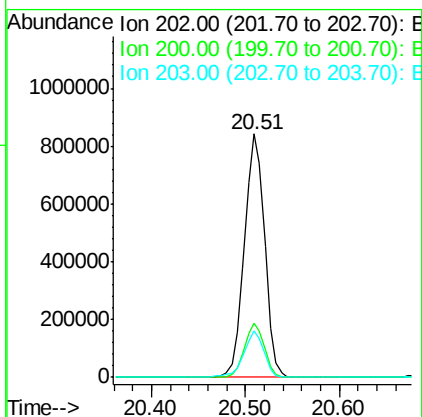
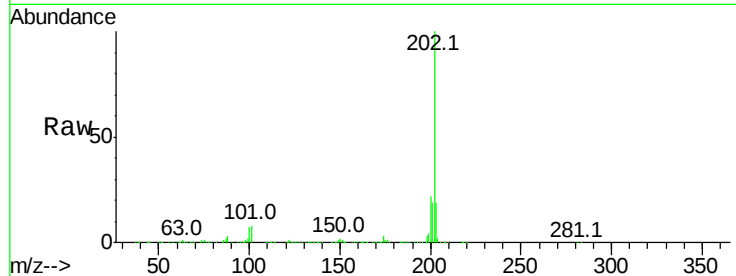




#77
Pvrene
Concen: 47.017 ng
RT: 20.51 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

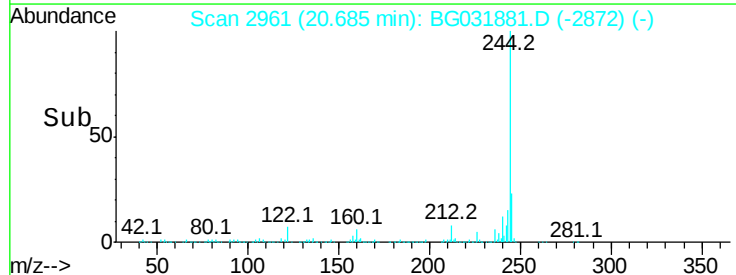
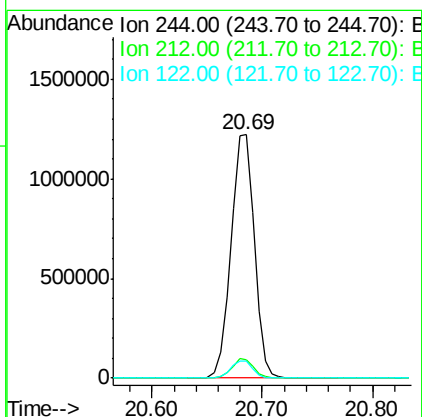
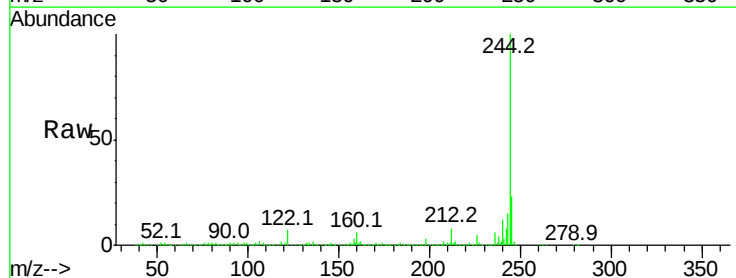
Instrument :
BNA_G
ClientSampleId :

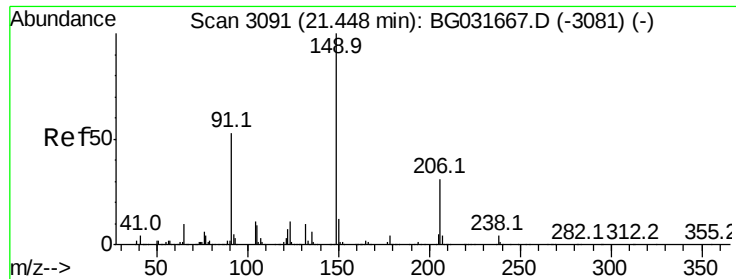
Tot Ion:202 Resp: 1255567
Ion Ratio Lower Upper
202 100
200 22.4 16.9 25.3
203 19.0 13.9 20.9



#78
Terphenyl-d14
Concen: 99.188 ng
RT: 20.69 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:244 Resp: 1815025
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 6.9 7.0 10.4#

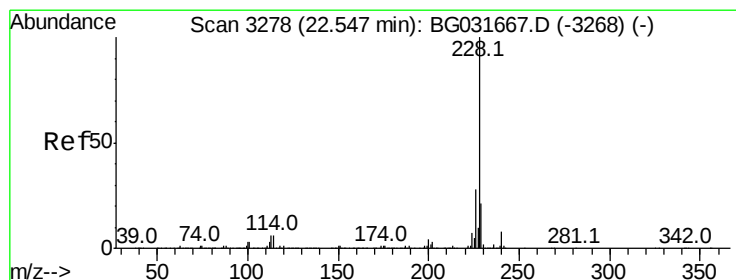
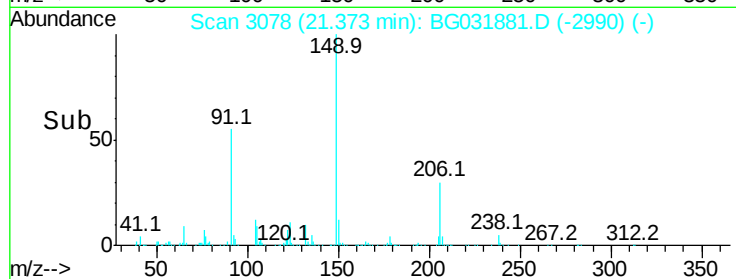
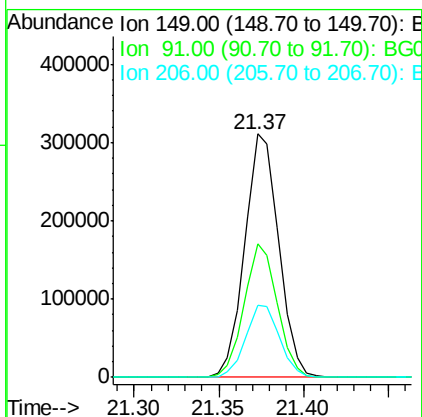
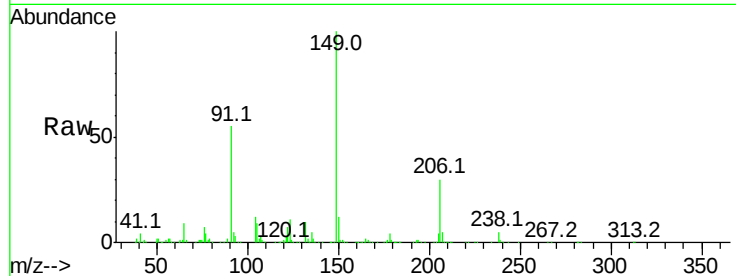




#79
Butylbenzylphthalate
Concen: 48.625 ng
RT: 21.37 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

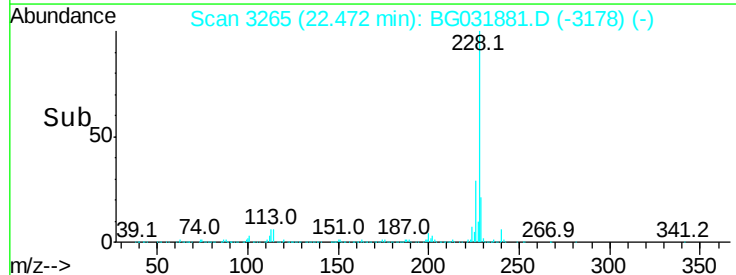
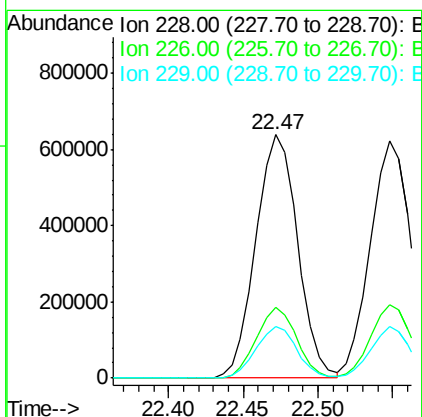
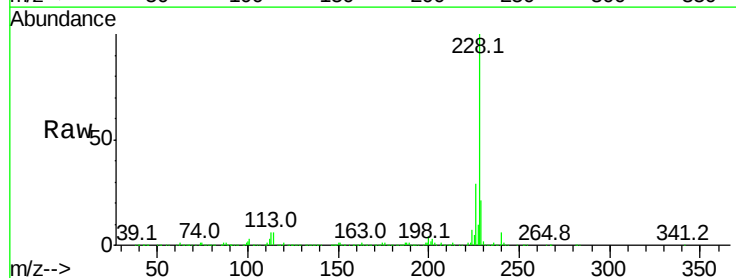
Instrument :
BNA_G
ClientSampleId :

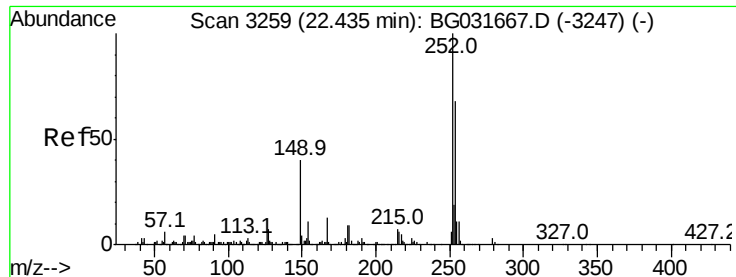
Tot Ion:149 Resp: 435906
Ion Ratio Lower Upper
149 100
91 54.7 62.2 93.2#
206 29.5 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 46.667 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BG031881.D
Acq: 2 Jan 2018 21:10

Tgt Ion:228 Resp: 1241041
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.3 16.2 24.2

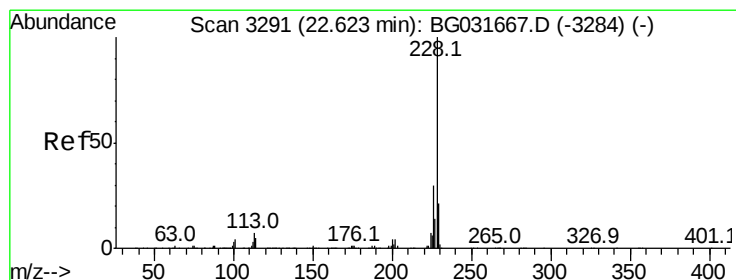
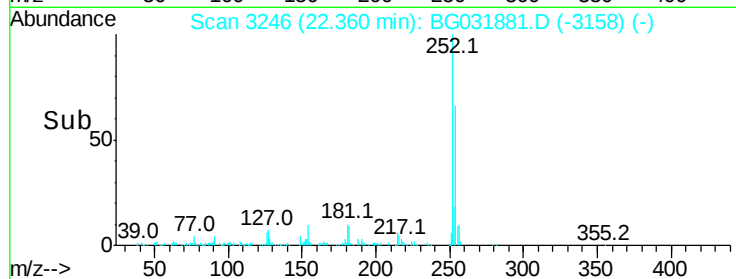
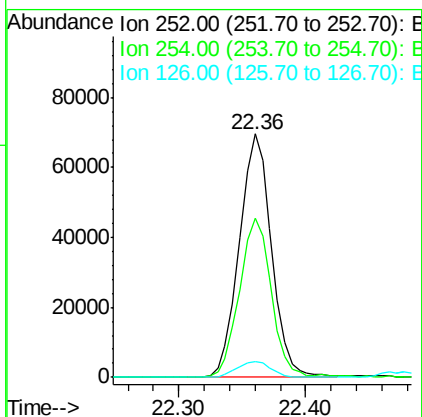
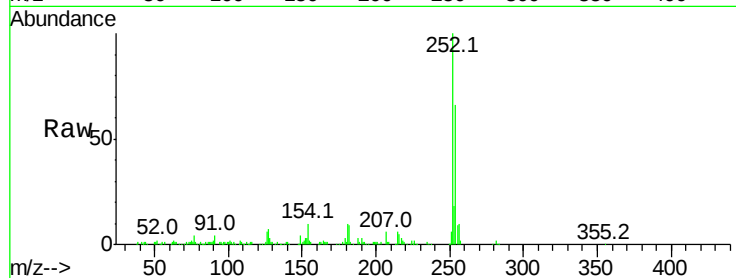




#81
 3,3'-Dichlorobenzidine
 Concen: 11.909 ng
 RT: 22.36 min Scan# 3246
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

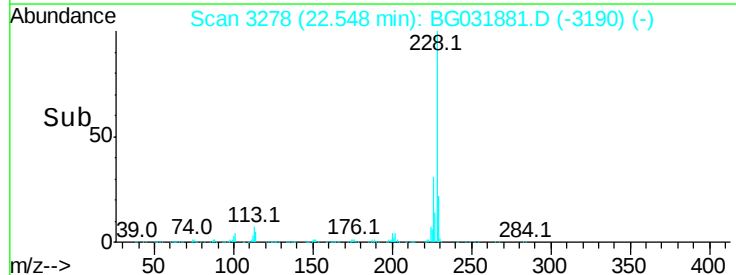
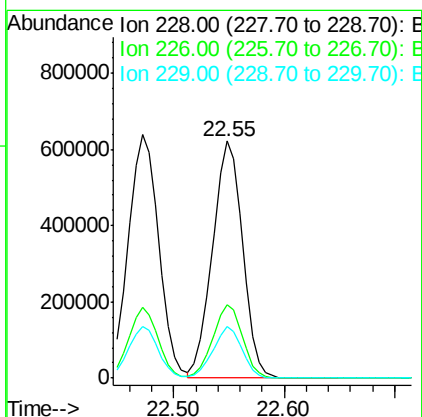
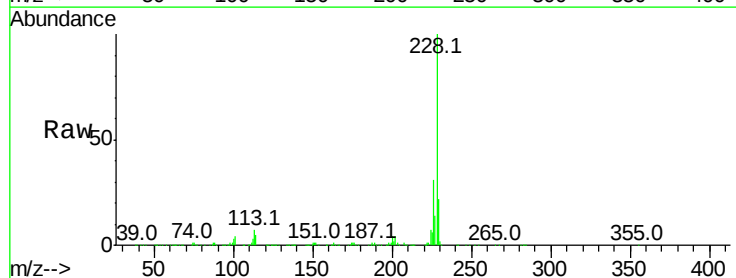
Instrument :
 BNA_G
 ClientSampleId :

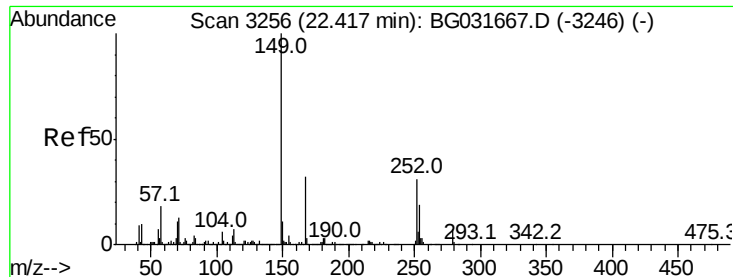
Tot Ion:252 Resp: 122787
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.8 76.2
 126 6.3 7.4 11.2#



#82
 Chrysene
 Concen: 46.492 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion:228 Resp: 1169827
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 21.6 15.0 22.4

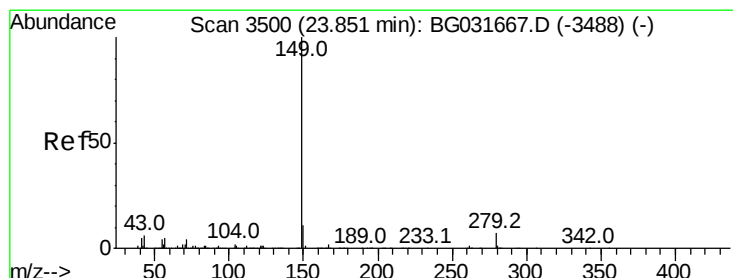
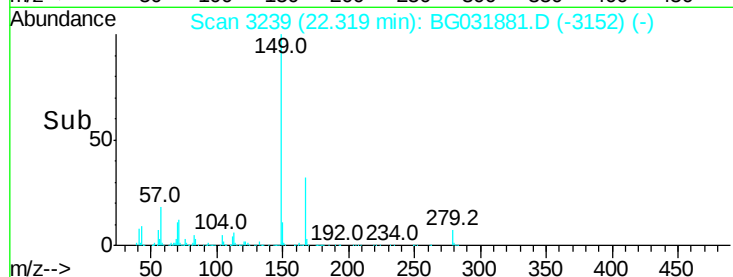
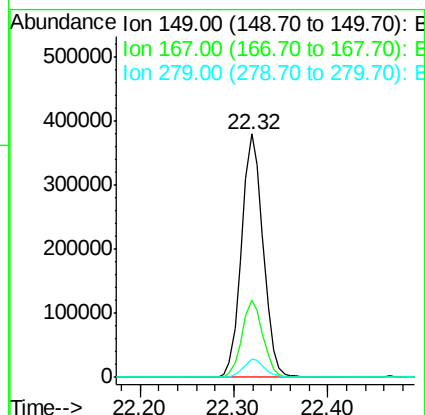
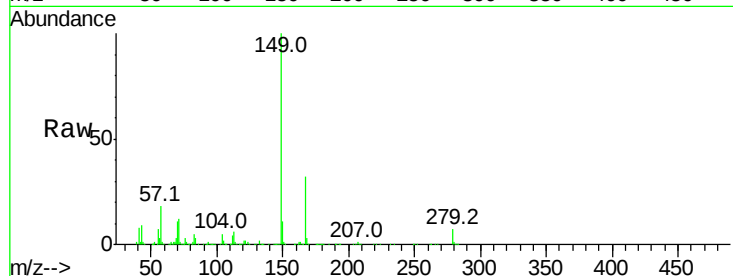




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.462 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

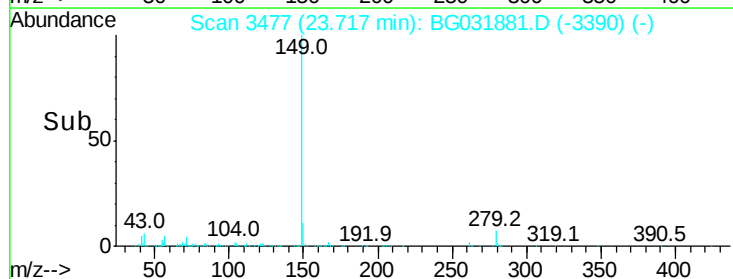
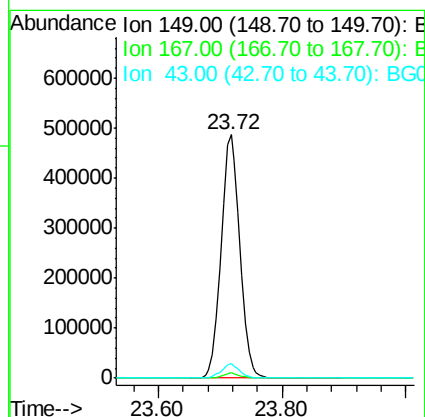
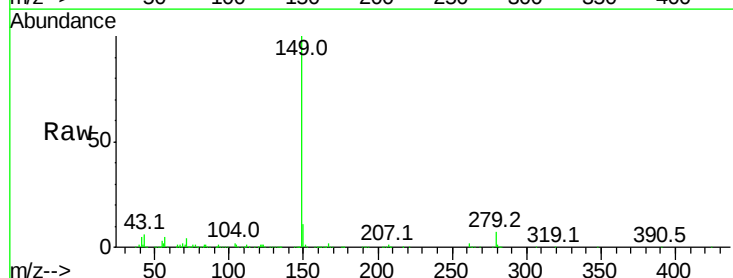
Instrument :
 BNA_G
 ClientSampleId :

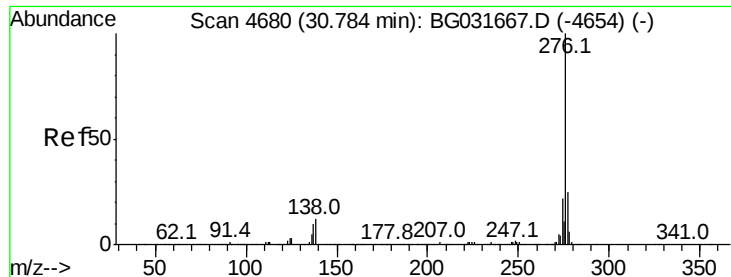
Tot Ion:149 Resp: 603436
 Ion Ratio Lower Upper
 149 100
 167 32.0 24.3 36.5
 279 7.3 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 46.756 ng
 RT: 23.72 min Scan# 3477
 Delta R.T. -0.02 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion:149 Resp: 1022721
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.7 8.9 13.3#

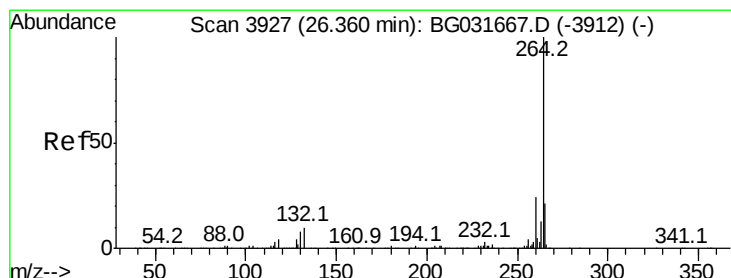
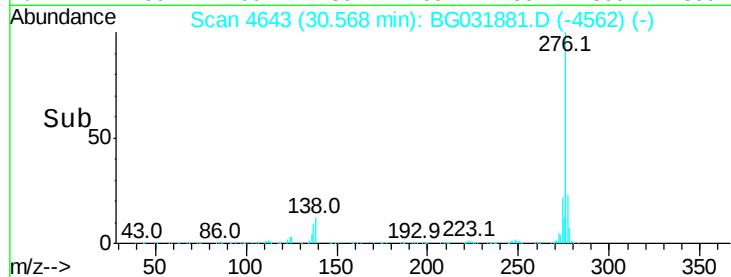
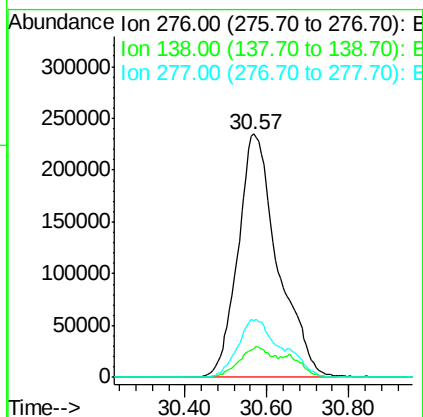
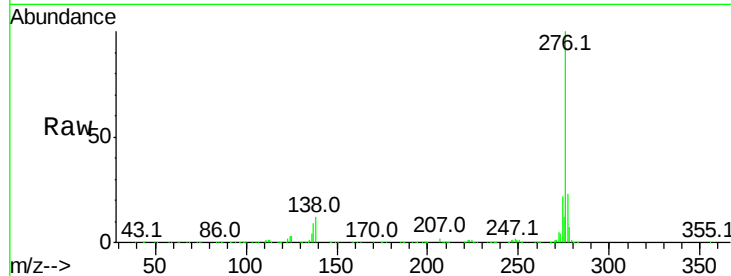




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.127 ng
 RT: 30.57 min Scan# 4643
 Delta R.T. -0.05 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

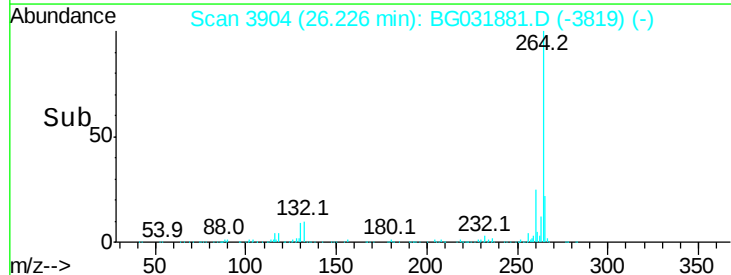
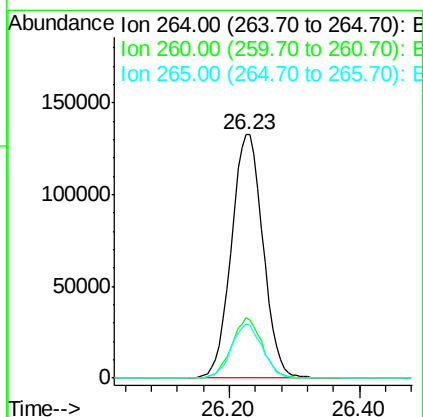
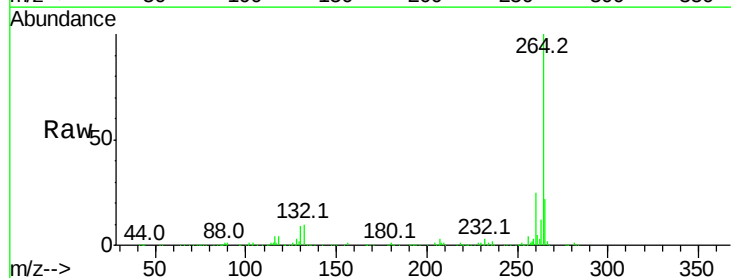
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1585833
 Ion Ratio Lower Upper
 276 100
 138 10.4 16.0 24.0#
 277 21.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3904
 Delta R.T. -0.03 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Tgt Ion:264 Resp: 445856
 Ion Ratio Lower Upper
 264 100
 260 24.9 17.4 26.0
 265 22.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 48.008 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

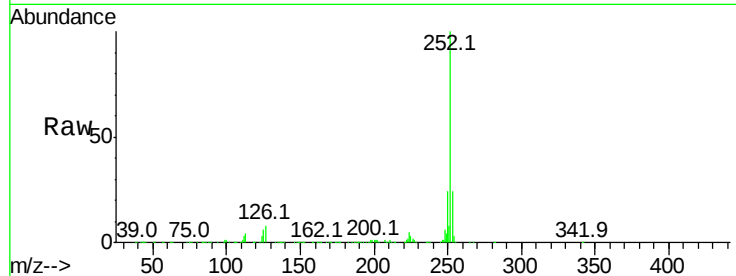
Tot Ion:252 Resp: 1328678

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.4

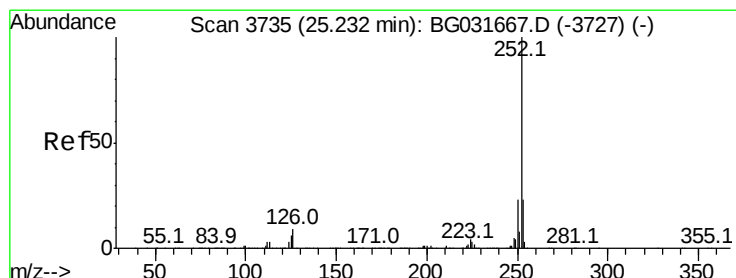
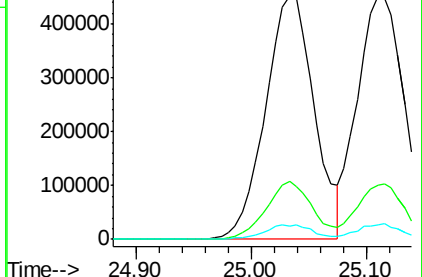
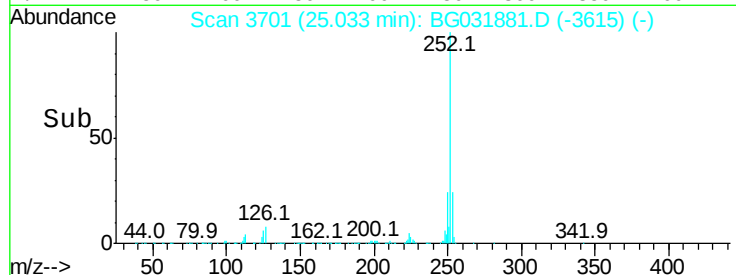
125 5.6 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.122 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.02 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

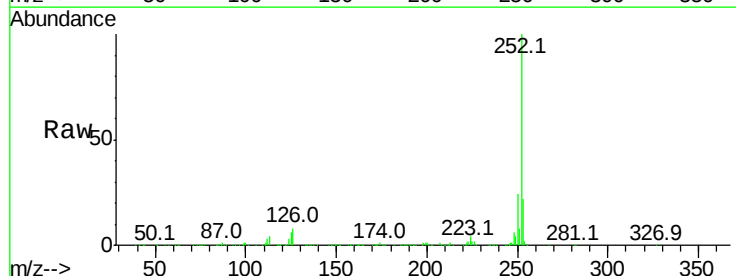
Tgt Ion:252 Resp: 1277469

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

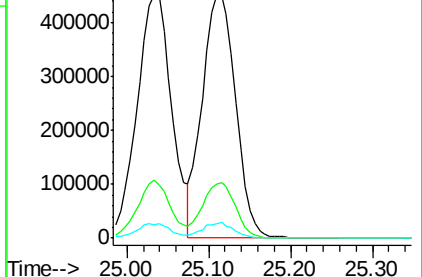
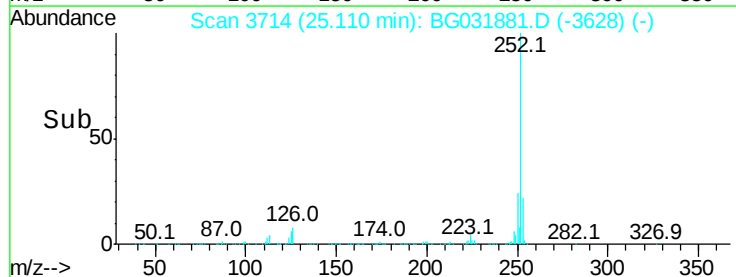
125 5.8 6.6 9.8#

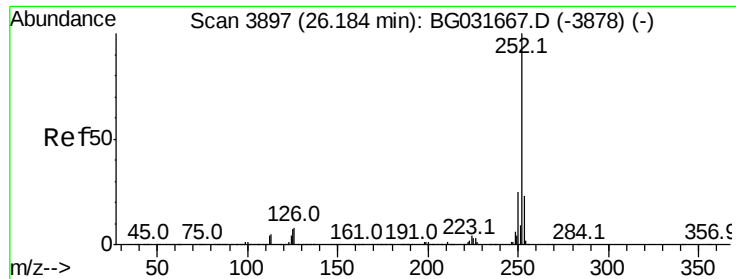


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.961 ng

RT: 26.06 min Scan# 3875

Delta R.T. -0.02 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

Instrument :

BNA_G

ClientSampleId :

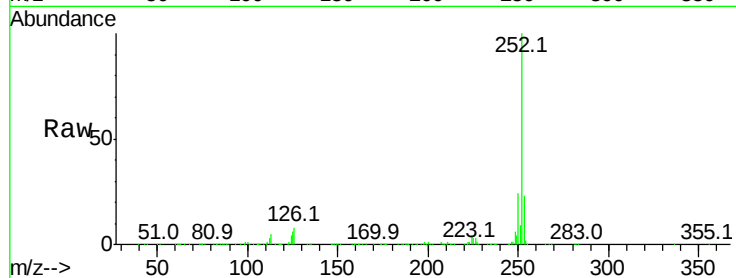
Tot Ion:252 Resp: 1271247

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	6.4	7.3	10.9

252 100

253 22.6 18.3 27.5

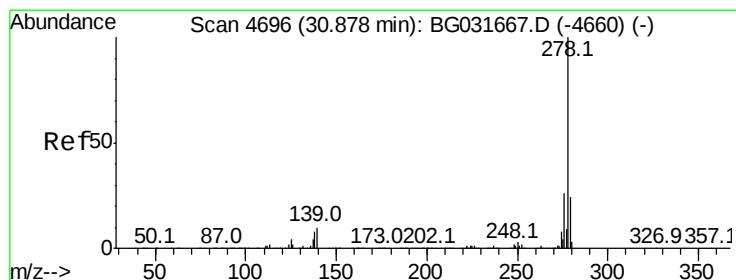
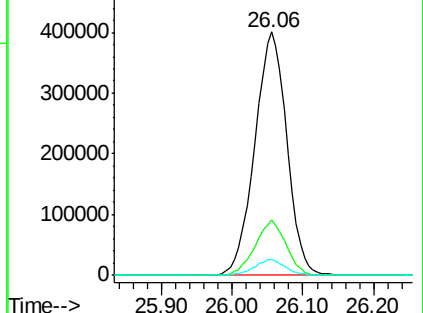
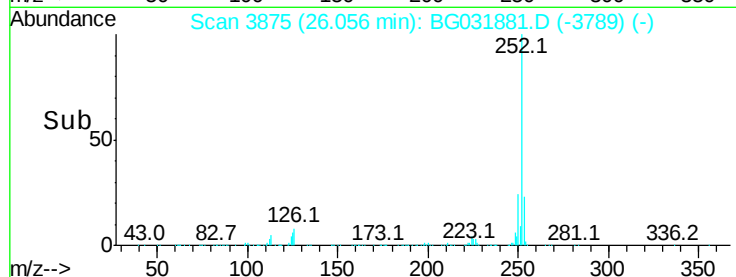
125 6.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.065 ng

RT: 30.66 min Scan# 4659

Delta R.T. -0.04 min

Lab File: BG031881.D

Acq: 2 Jan 2018 21:10

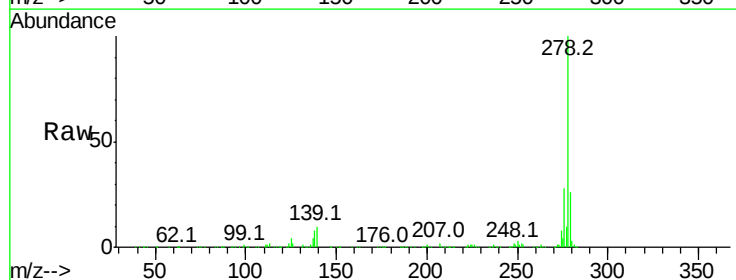
Tgt Ion:278 Resp: 1315771

Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.8	14.6
279	25.5	18.4	27.6

278 100

139 10.0 9.8 14.6

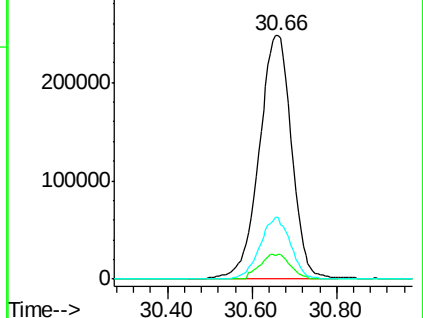
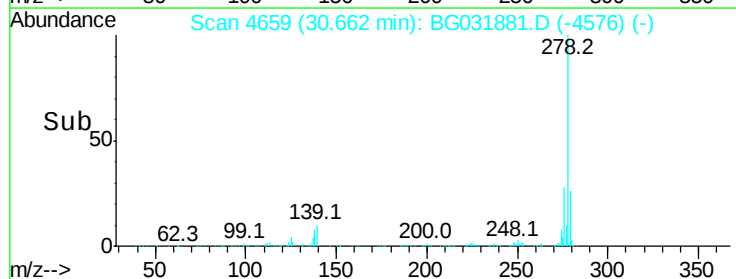
279 25.5 18.4 27.6

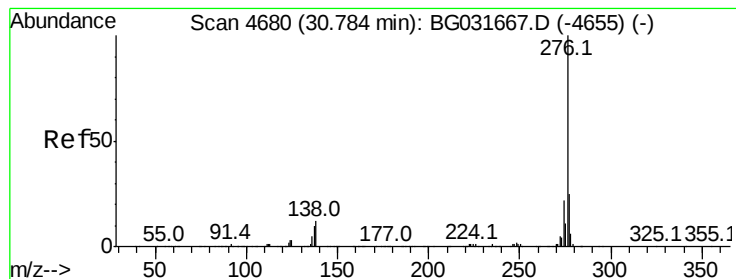


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.066 ng
 RT: 30.57 min Scan# 4643
 Delta R.T. -0.05 min
 Lab File: BG031881.D
 Acq: 2 Jan 2018 21:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1585833
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.3 27.5
 138 11.7 13.9 20.9#

