

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031916.D
 Acq On : 4 Jan 2018 15:35
 Operator : SJ/JU
 Sample : PB105473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:09:18 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	52874	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	213188	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	150054	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	392905	20.00	ng	0.00
75) Chrysene-d12	22.50	240	461349	20.00	ng	0.00
86) Perylene-d12	26.24	264	475849	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	408298	140.65	ng	0.00
7) Phenol-d6	7.89	99	515795	136.85	ng	0.00
23) Nitrobenzene-d5	9.99	82	278803	98.75	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	359952	157.21	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	994808	83.21	ng	0.00
78) Terphenyl-d14	20.68	244	1841689	91.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	39007	36.249	ng	# 74
3) Pyridine	4.31	79	110147	38.293	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	46361	39.942	ng	# 89
6) Aniline	8.08	93	95623	19.719	ng	94
8) 2-Chlorophenol	8.33	128	148257	44.028	ng	# 80
9) Benzaldehyde	7.88	77	30497	13.438	ng	84
10) Phenol	7.92	94	169542	44.556	ng	91
11) bis(2-Chloroethyl)ether	8.17	93	117904	37.309	ng	# 82
12) 1,3-Dichlorobenzene	8.67	146	165273	39.523	ng	# 95
13) 1,4-Dichlorobenzene	8.82	146	166740	39.034	ng	96
14) 1,2-Dichlorobenzene	9.16	146	158353	39.123	ng	97
15) Benzyl Alcohol	9.02	79	118913	42.028	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	120992	47.014	ng	82
17) 2-Methylphenol	9.22	107	119599	43.927	ng	97
18) Hexachloroethane	9.91	117	52113	40.280	ng	91
19) n-Nitroso-di-n-propylamine	9.60	70	89928	34.937	ng	# 80
20) 3+4-Methylphenols	9.56	107	166155	42.938	ng	95
22) Acetophenone	9.63	105	203649	41.116	ng	# 86
24) Nitrobenzene	10.03	77	131963	45.352	ng	# 82
25) Isophorone	10.56	82	255587	42.054	ng	# 86
26) 2-Nitrophenol	10.76	139	87210	57.164	ng	# 81
27) 2,4-Dimethylphenol	10.79	122	156091	48.622	ng	91
28) bis(2-Chloroethoxy)methane	11.03	93	166092	40.729	ng	97
29) 2,4-Dichlorophenol	11.30	162	179357	47.590	ng	90
30) 1,2,4-Trichlorobenzene	11.52	180	188000	40.854	ng	96
31) Naphthalene	11.72	128	436813	40.599	ng	99
32) Benzoic acid	10.91	122	109917	49.900	ng	# 80
33) 4-Chloroaniline	11.81	127	97072	20.265	ng	91
34) Hexachlorobutadiene	11.99	225	126035	39.895	ng	98
35) Caprolactam	12.57	113	62431	54.650	ng	# 45
36) 4-Chloro-3-methylphenol	12.89	107	167466	48.113	ng	# 80
37) 2-Methylnaphthalene	13.28	142	364136	41.749	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	251044	39.720	ng	# 97
40) Hexachlorocyclopentadiene	13.61	237	338532	101.531	ng	91

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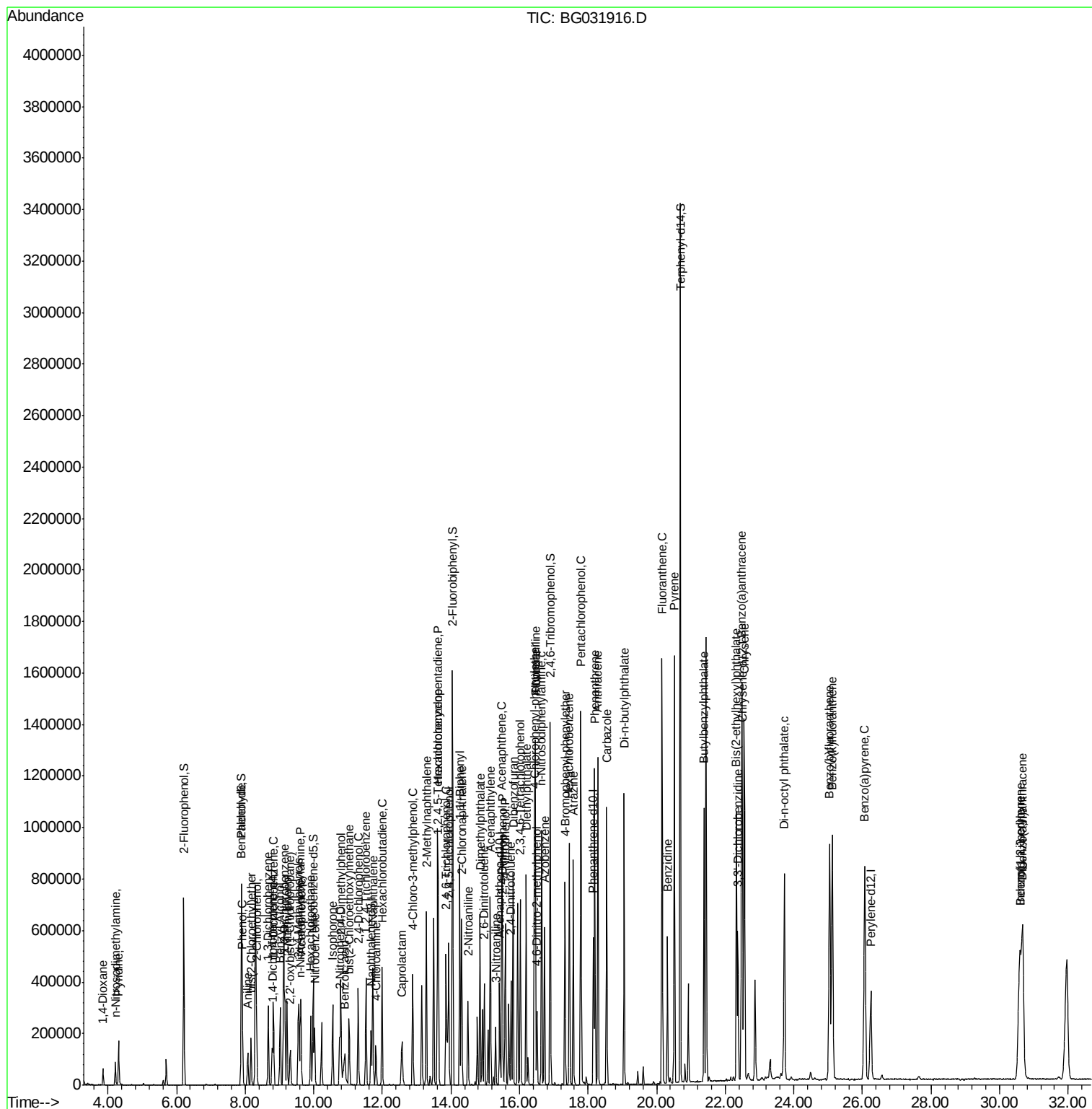
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	169312	46.462	nq	98
43) 2,4,5-Trichlorophenol	13.93	196	184360	45.652	nq #	91
45) 1,1'-Biphenyl	14.26	154	519109	40.505	nq	95
46) 2-Chloronaphthalene	14.31	162	395167	40.424	nq	96
47) 2-Nitroaniline	14.50	65	91321	54.090	nq #	62
48) Acenaphthylene	15.15	152	609708	38.986	nq	98
49) Dimethylphthalate	14.85	163	539549	40.816	nq	99
50) 2,6-Dinitrotoluene	14.97	165	121114	49.804	nq #	67
51) Acenaphthene	15.48	154	451796	44.110	nq	99
52) 3-Nitroaniline	15.31	138	70589	29.752	nq #	69
53) 2,4-Dinitrophenol	15.51	184	129700	121.200	nq #	54
54) Dibenzofuran	15.81	168	645100	41.087	nq	98
55) 4-Nitrophenol	15.58	139	214741	111.205	nq #	73
56) 2,4-Dinitrotoluene	15.76	165	176231	56.358	nq #	65
57) Fluorene	16.46	166	523995	41.082	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.03	232	195812	49.698	nq #	85
59) Diethylphthalate	16.20	149	526674	40.877	nq	96
60) 4-Chlorophenyl-phenylether	16.43	204	308009	39.467	nq	94
61) 4-Nitroaniline	16.46	138	113814	49.158	nq #	77
62) Azobenzene	16.73	77	344962	41.748	nq	83
64) 4,6-Dinitro-2-methylphenol	16.51	198	97380	50.437	nq #	69
65) n-Nitrosodiphenylamine	16.65	169	497716	38.141	nq	99
66) 4-Bromophenyl-phenylether	17.33	248	231725	40.785	nq	93
67) Hexachlorobenzene	17.45	284	240390	41.389	nq #	91
68) Atrazine	17.57	200	225670	44.475	nq	97
69) Pentachlorophenol	17.79	266	349006	87.362	nq	98
70) Phenanthrene	18.19	178	902240	40.577	nq	99
71) Anthracene	18.29	178	929818	41.454	nq	99
72) Carbazole	18.54	167	840490	42.337	nq	100
73) Di-n-butylphthalate	19.05	149	925803	41.963	nq	99
74) Fluoranthene	20.16	202	1171465	42.937	nq	96
76) Benzidine	20.31	184	368277	25.863	nq	99
77) Pyrene	20.51	202	1195353	40.562	nq	97
79) Butylbenzylphthalate	21.38	149	418469	42.300	nq #	77
80) Benzo(a)anthracene	22.48	228	1189462	40.531	nq	99
81) 3,3'-Dichlorobenzidine	22.37	252	281577	24.747	nq #	98
82) Chrysene	22.55	228	1113704	40.109	nq	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	570509	39.805	nq #	97
84) Di-n-octyl phthalate	23.72	149	956340	39.619	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.60	276	1429384	40.126	nq #	89
87) Benzo(b)fluoranthene	25.04	252	1209838	40.959	nq #	97
88) Benzo(k)fluoranthene	25.12	252	1199390	40.574	nq #	97
89) Benzo(a)pyrene	26.07	252	1188010	41.995	nq #	96
90) Dibenzo(a,h)anthracene	30.67	278	1187620	40.649	nq #	95
91) Benzo(g,h,i)perylene	30.60	276	1429384	41.438	nq #	94

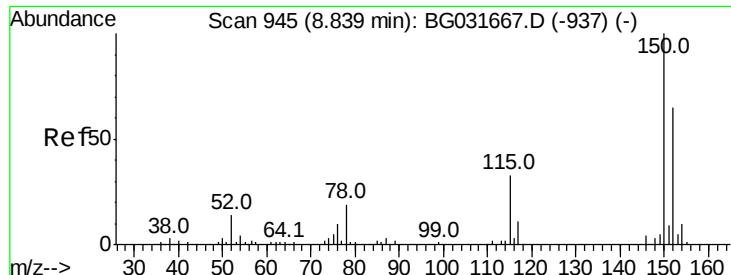
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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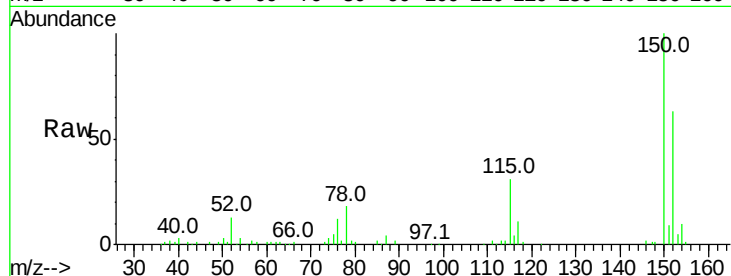


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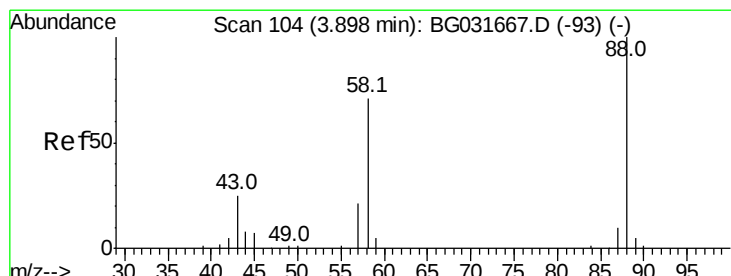
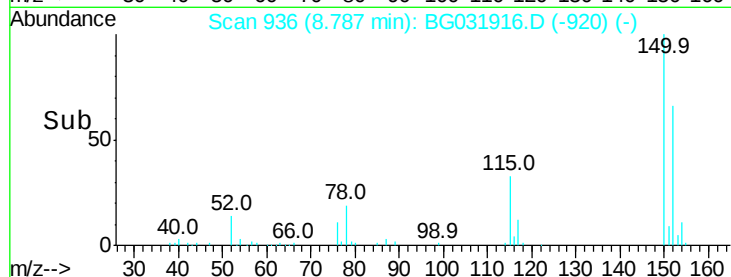
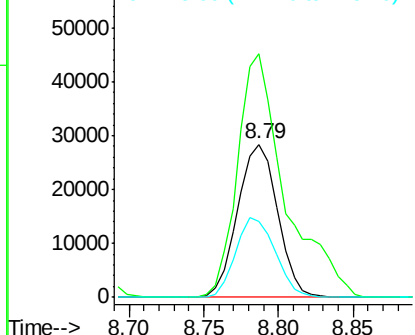
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 52874
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.6 189.8
 115 49.9 53.0 79.4#



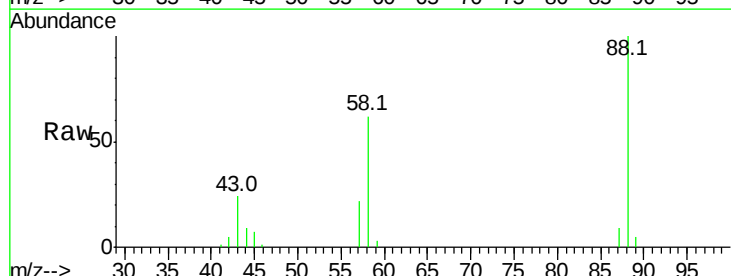
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



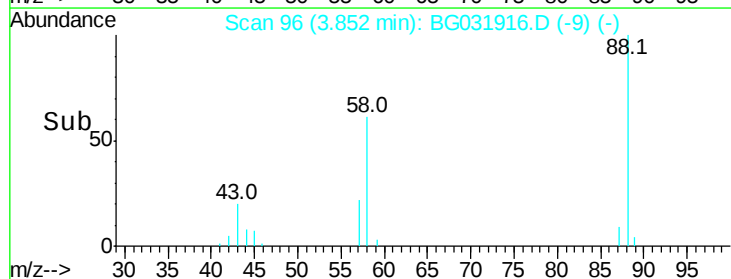
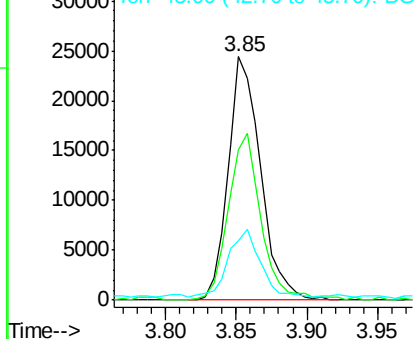
#2

1,4-Dioxane
 Concen: 36.249 ng
 RT: 3.85 min Scan# 96
 Delta R.T. -0.02 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion: 88 Resp: 39007
 Ion Ratio Lower Upper
 88 100
 58 69.1 79.6 119.4#
 43 27.6 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: 38.293 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

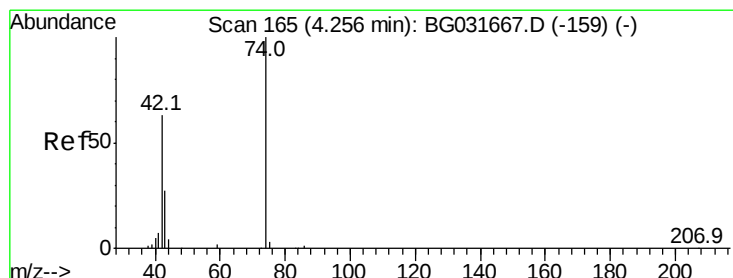
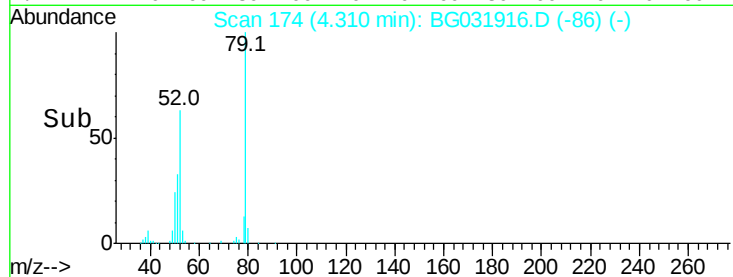
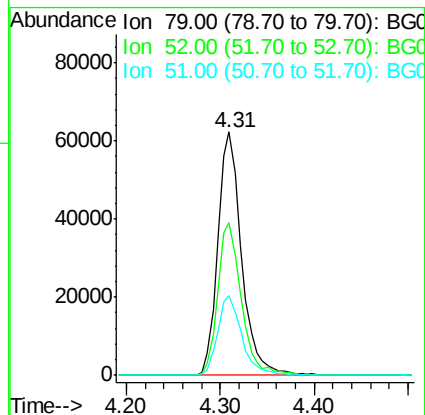
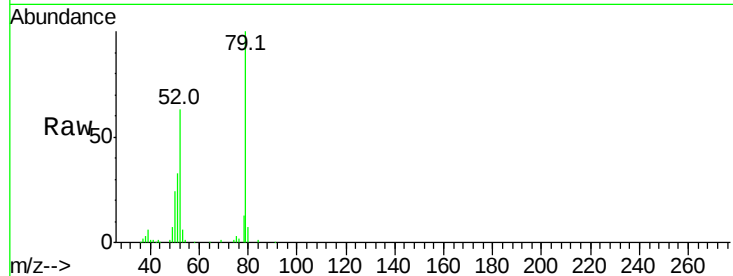
Tot Ion: 79 Resp: 110147

Ion Ratio Lower Upper

79 100

52 62.9 69.9 104.9#

51 32.8 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 39.942 ng

RT: 4.22 min Scan# 158

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

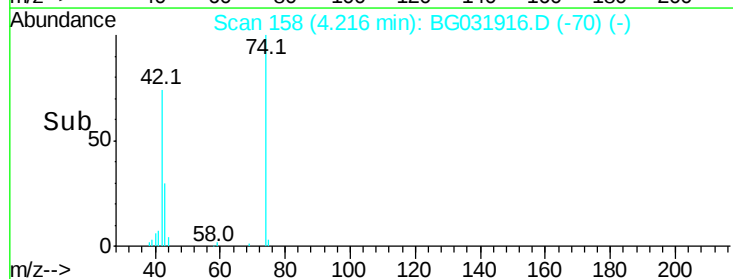
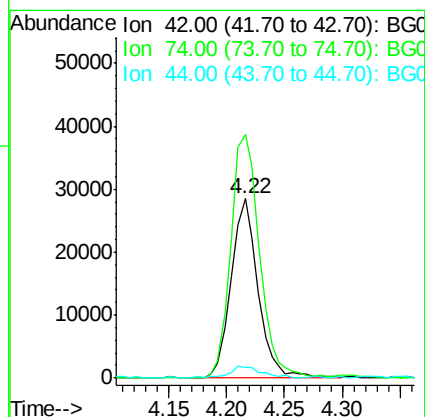
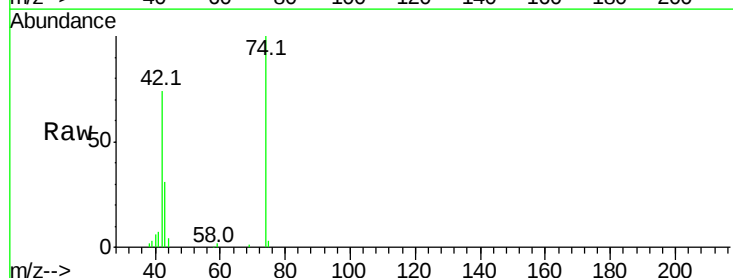
Tgt Ion: 42 Resp: 46361

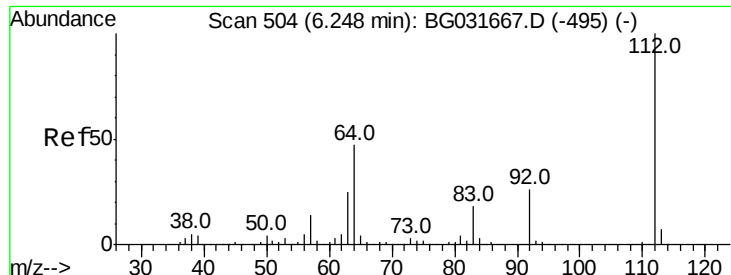
Ion Ratio Lower Upper

42 100

74 135.7 102.5 153.7

44 5.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 140.649 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

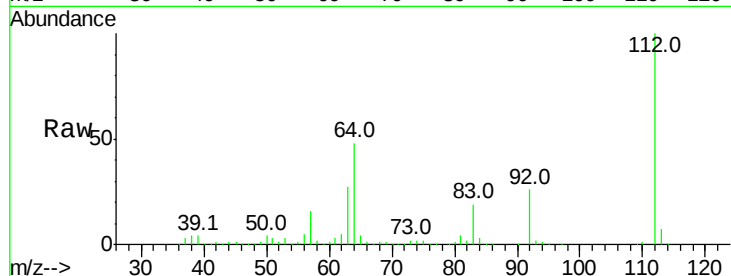
Tot Ion:112 Resp: 408298

Ion Ratio Lower Upper

112 100

64 48.0 56.3 84.5#

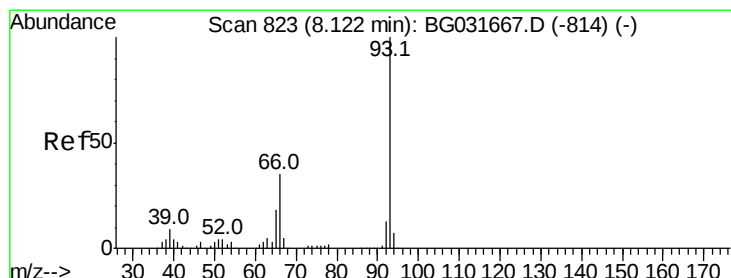
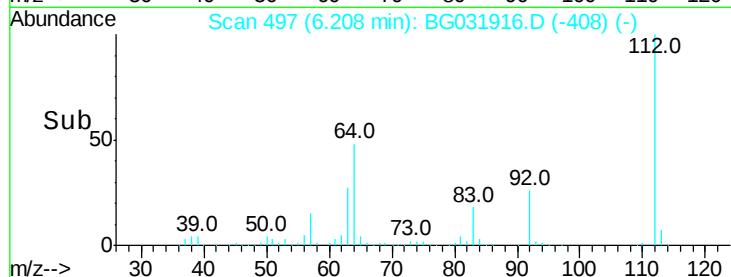
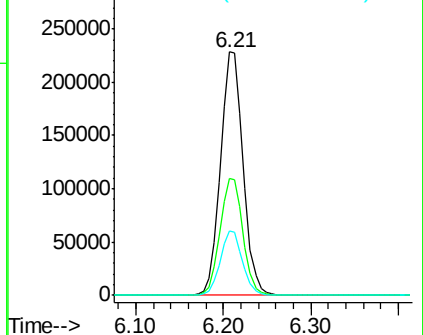
63 26.5 30.1 45.1#



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: 19.719 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

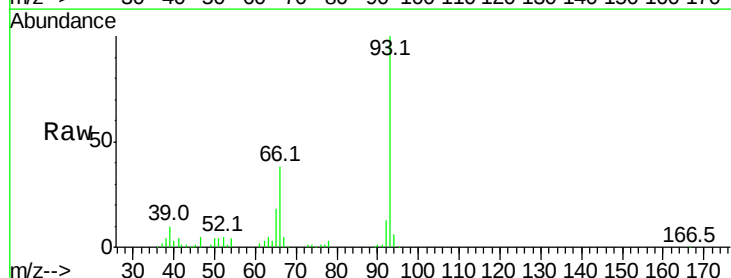
Tgt Ion: 93 Resp: 95623

Ion Ratio Lower Upper

93 100

66 38.0 33.7 50.5

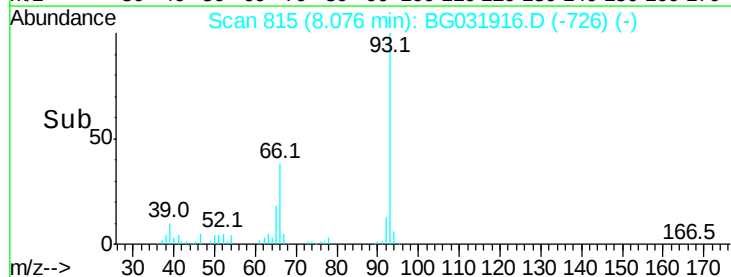
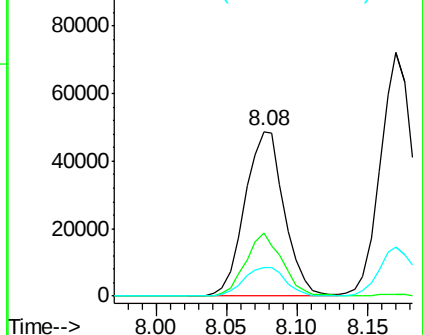
65 17.7 16.1 24.1

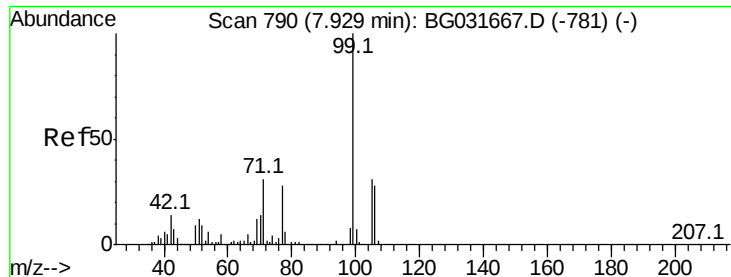


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.852 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

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ClientSampleId :

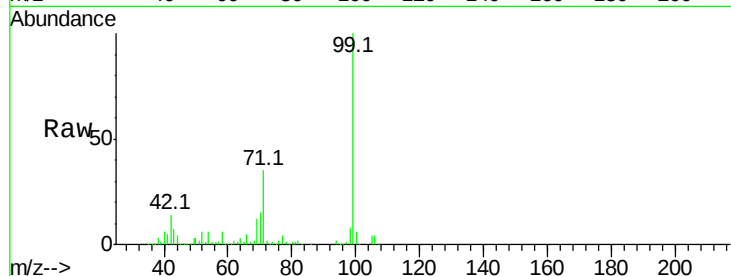
Tot Ion: 99 Resp: 515795

Ion Ratio Lower Upper

99 100

42 13.9 14.1 21.1#

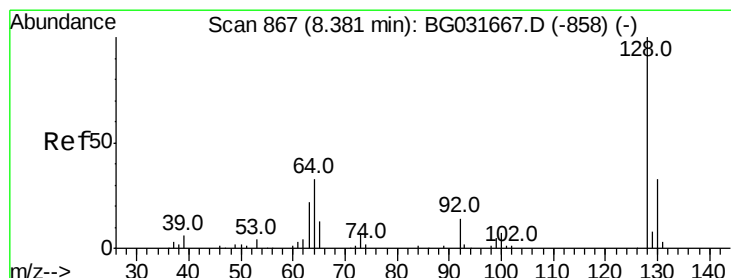
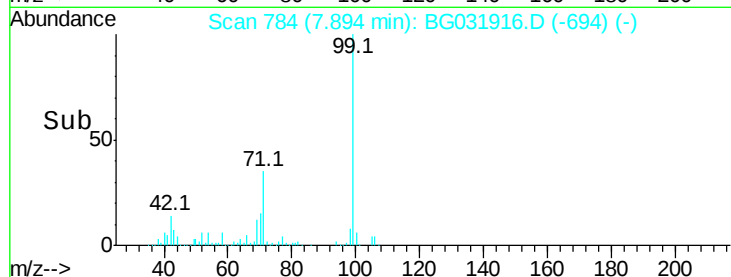
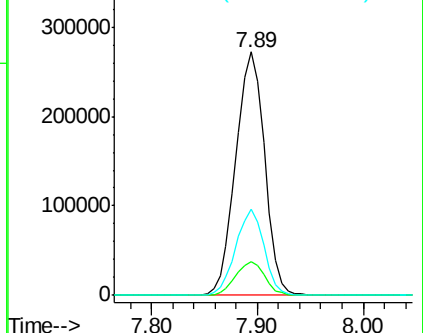
71 35.5 26.1 39.1



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: 44.028 ng

RT: 8.33 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

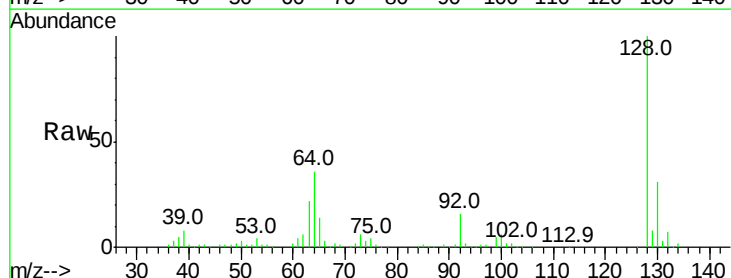
Tgt Ion:128 Resp: 148257

Ion Ratio Lower Upper

128 100

130 31.4 14.0 54.0

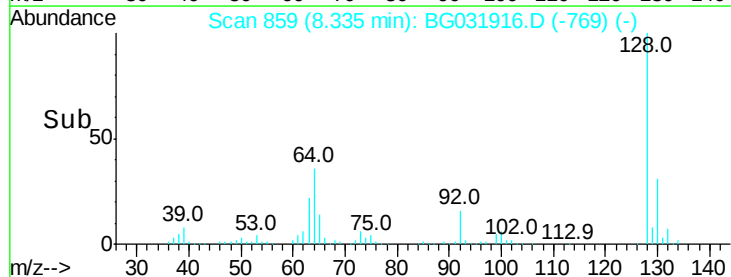
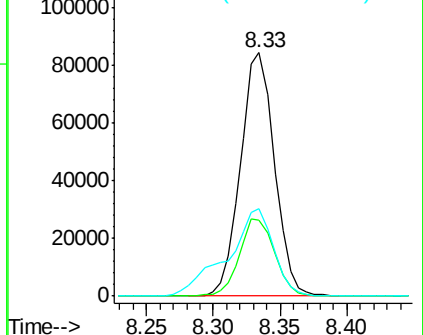
64 36.0 37.7 77.7#

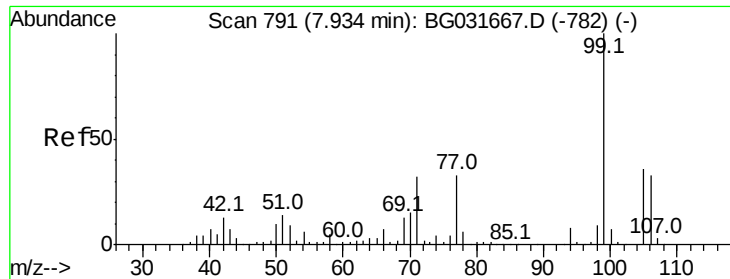


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 13.438 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.00 min

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Instrument :

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ClientSampled :

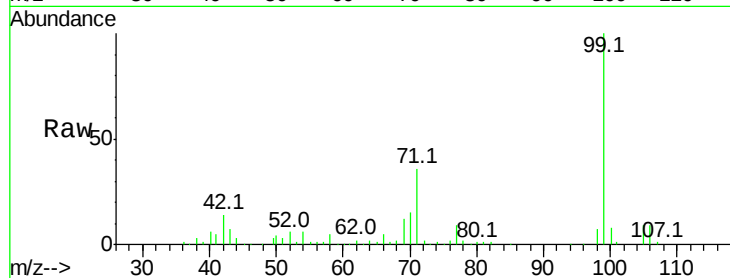
Tot Ion: 77 Resp: 30497

Ion Ratio Lower Upper

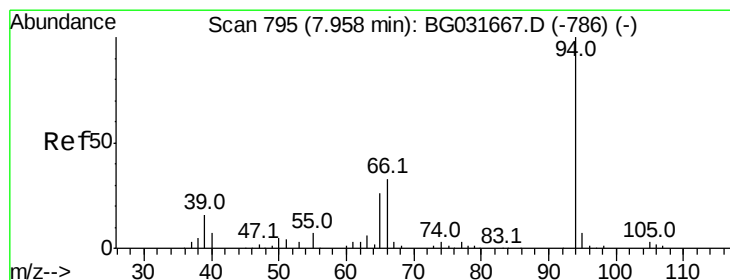
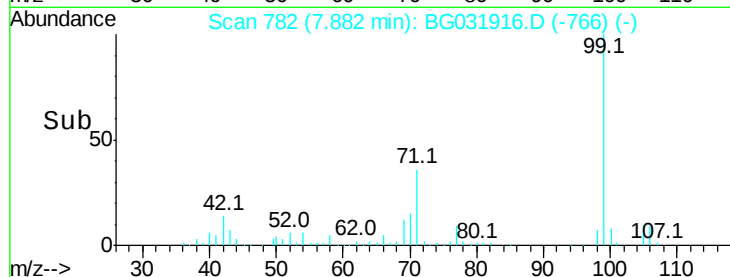
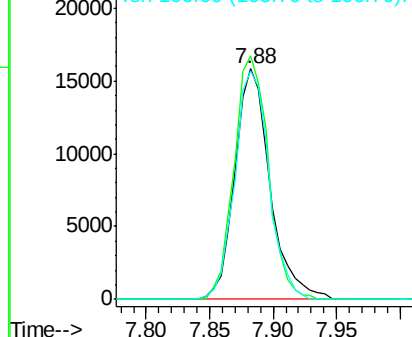
77 100

105 105.7 71.3 111.3

106 99.1 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.556 ng

RT: 7.92 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

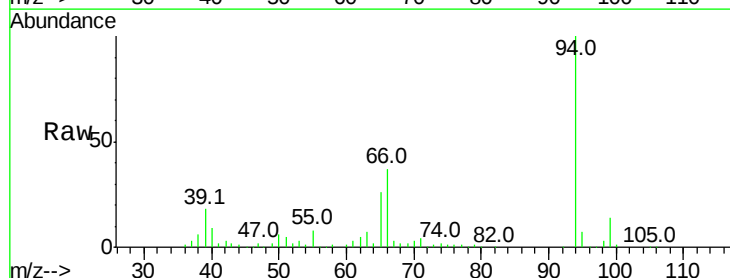
Tgt Ion: 94 Resp: 169542

Ion Ratio Lower Upper

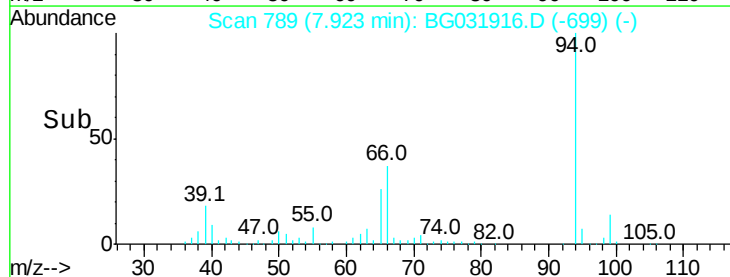
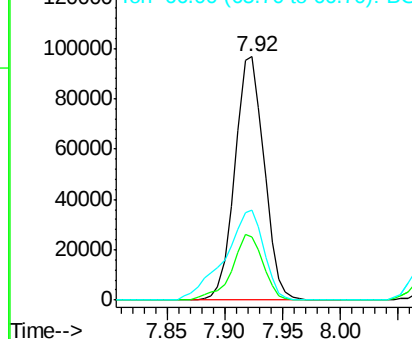
94 100

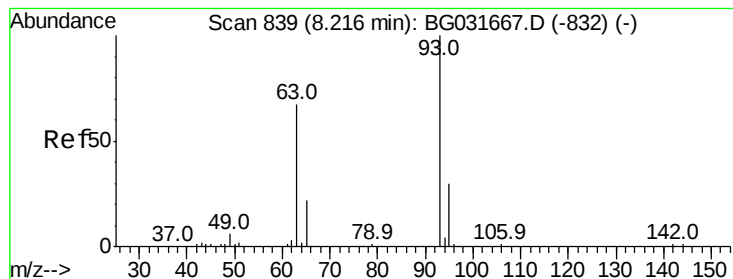
65 25.9 11.9 51.9

66 37.2 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

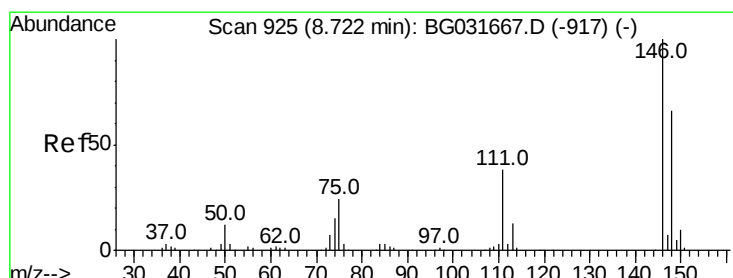
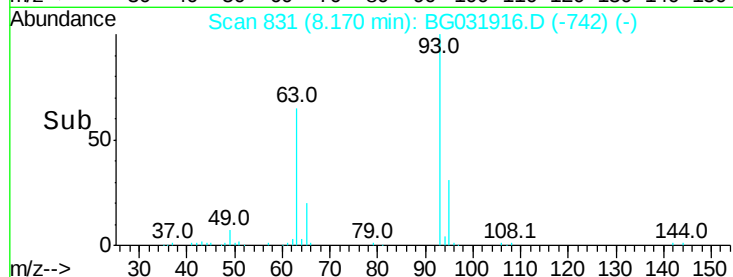
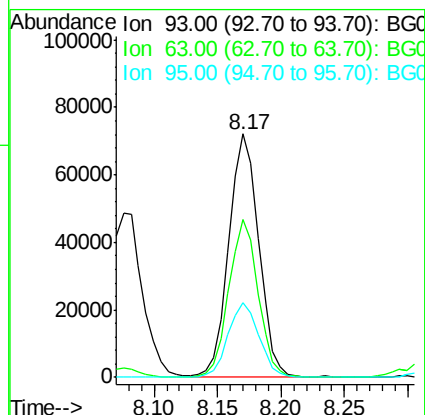
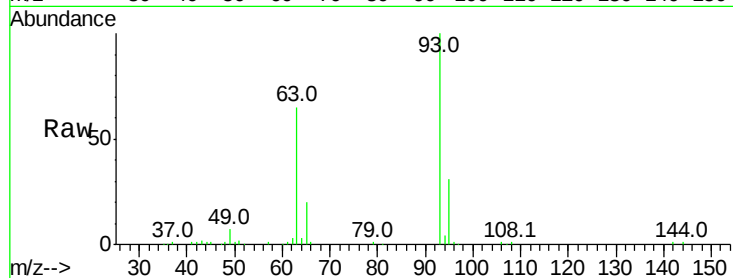




#11
 bis(2-Chloroethyl)ether
 Concen: 37.309 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

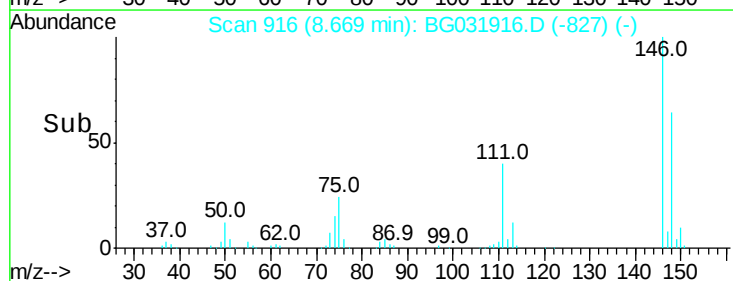
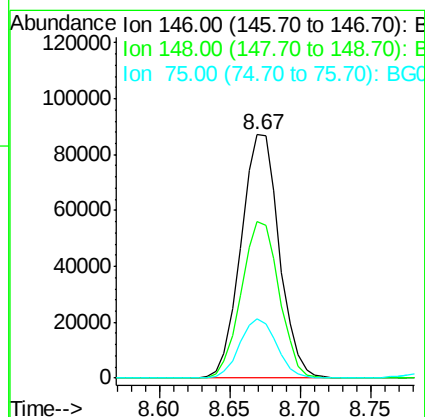
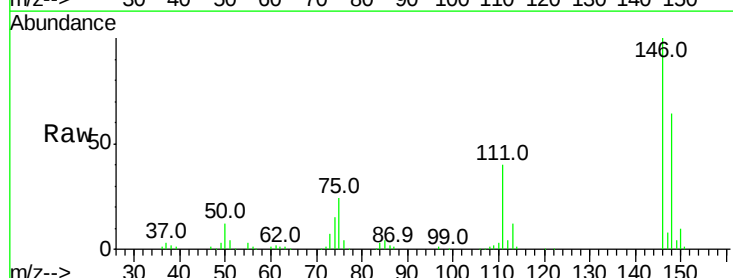
Instrument :
 BNA_G
 ClientSampleId :

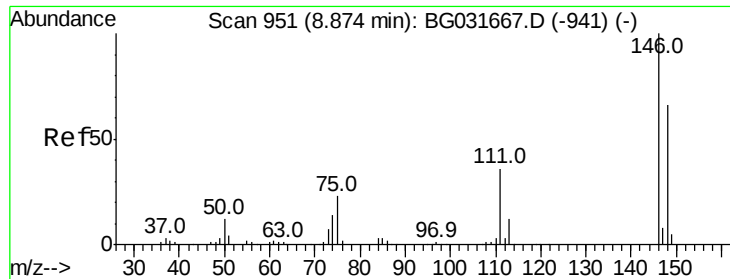
Tot Ion: 93 Resp: 117904
 Ion Ratio Lower Upper
 93 100
 63 64.6 67.1 107.1#
 95 30.9 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 39.523 ng
 RT: 8.67 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion: 146 Resp: 165273
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 75 24.2 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 39.034 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

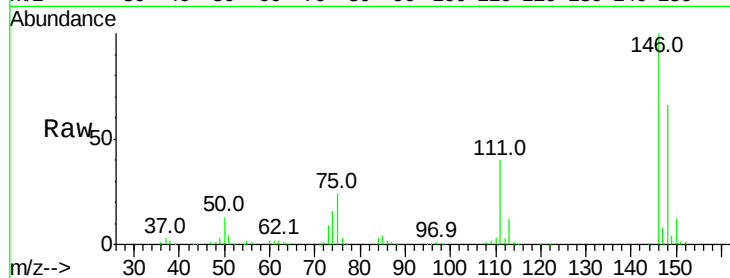
Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:146 Resp: 166740

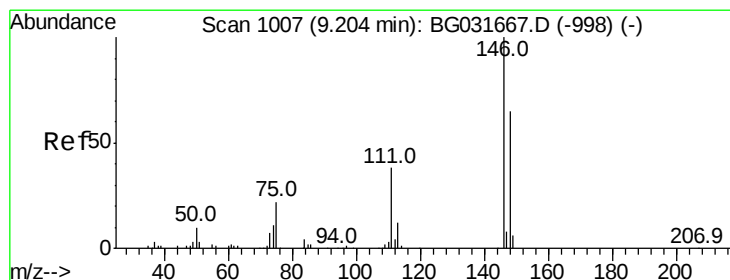
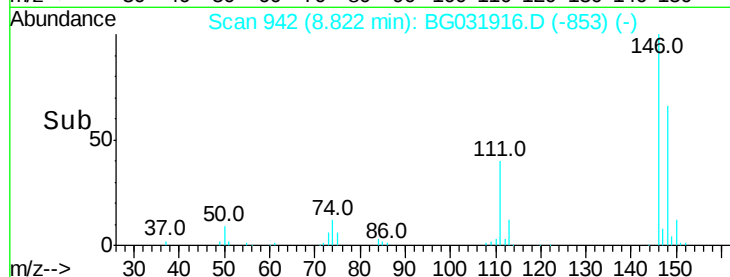
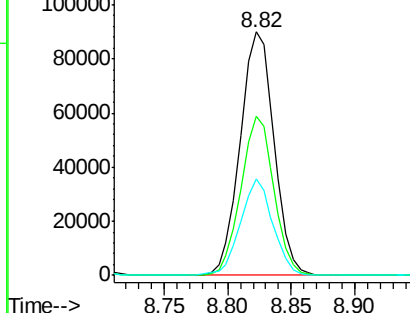
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.7	80.5
111	39.6	35.2	52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.123 ng

RT: 9.16 min Scan# 999

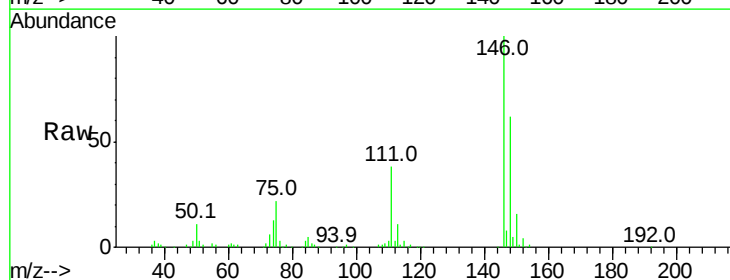
Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Tgt Ion:146 Resp: 158353

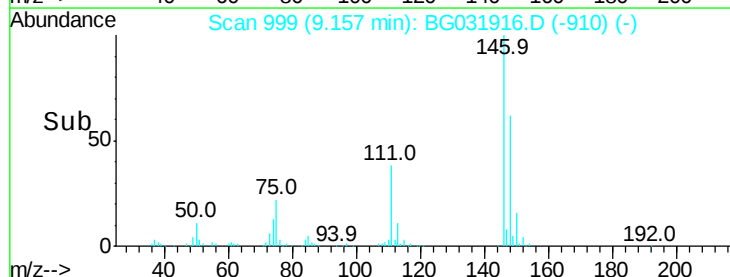
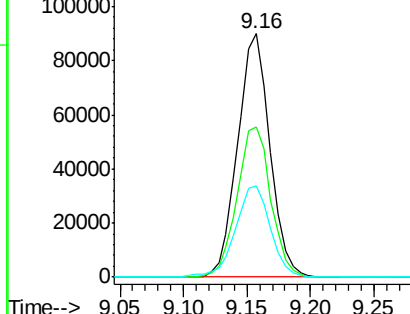
Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.3	73.9
111	37.6	34.3	51.5



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: 42.028 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

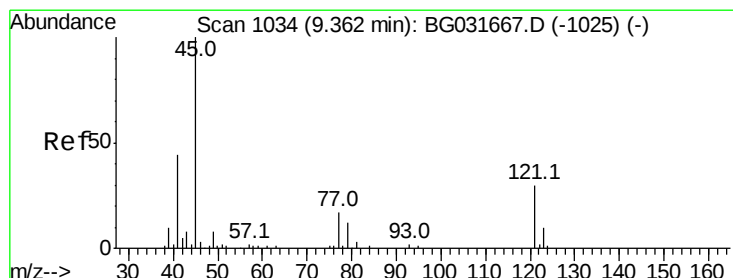
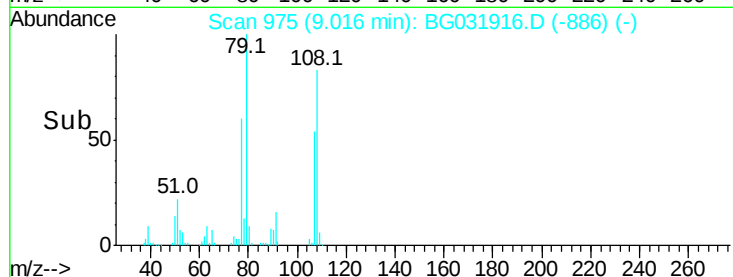
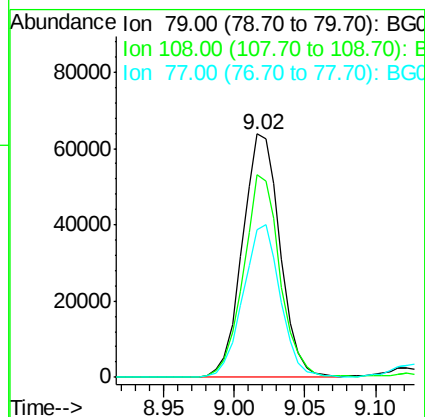
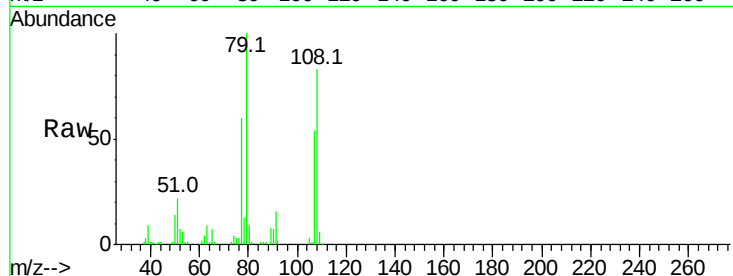
Tot Ion: 79 Resp: 118913

Ion Ratio Lower Upper

79 100

108 83.4 57.2 85.8

77 60.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.014 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

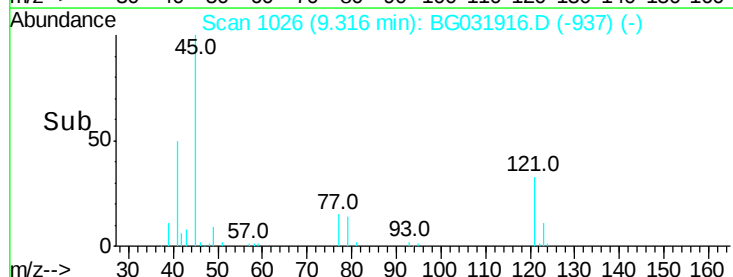
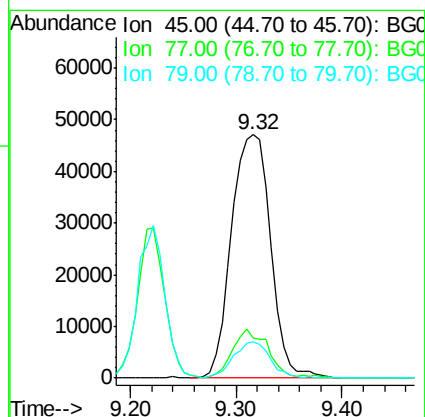
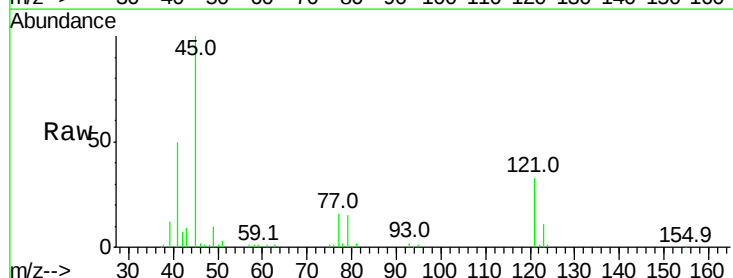
Tgt Ion: 45 Resp: 120992

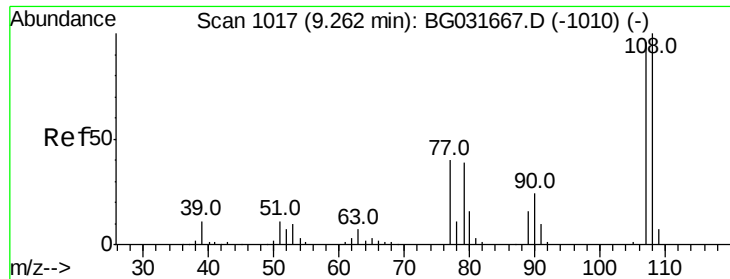
Ion Ratio Lower Upper

45 100

77 16.4 0.0 30.2

79 15.1 0.0 27.9

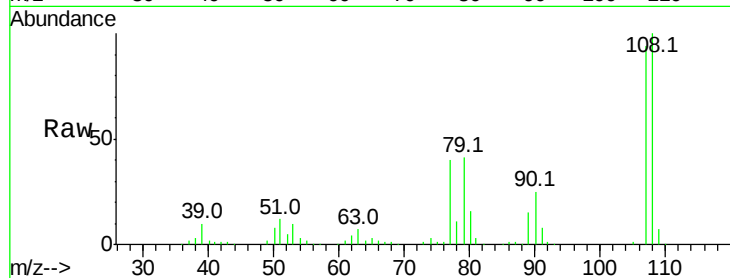




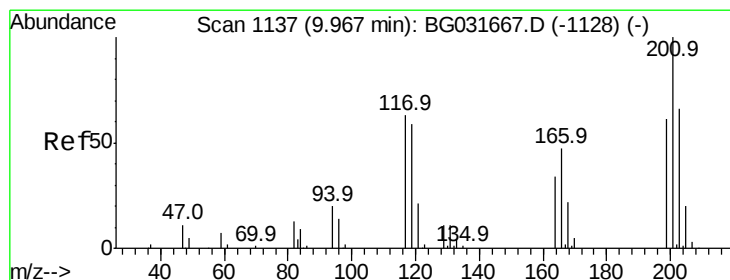
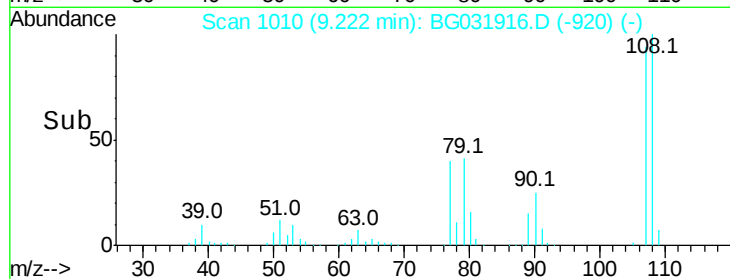
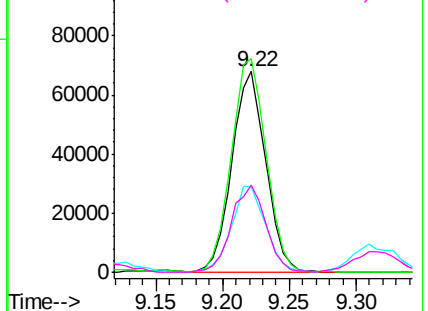
#17
2-Methylphenol
Concen: 43.927 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 119599
Ion Ratio Lower Upper
107 100
108 106.5 83.9 125.9
77 42.9 37.2 55.8
79 43.5 36.2 54.2

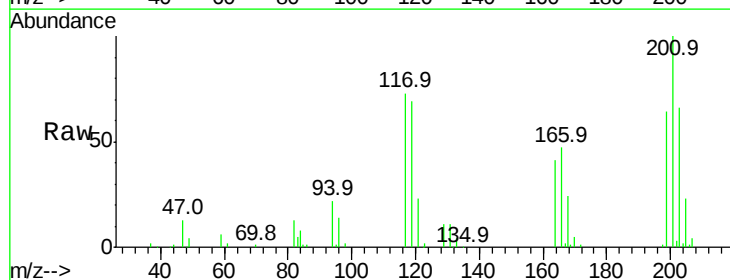


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

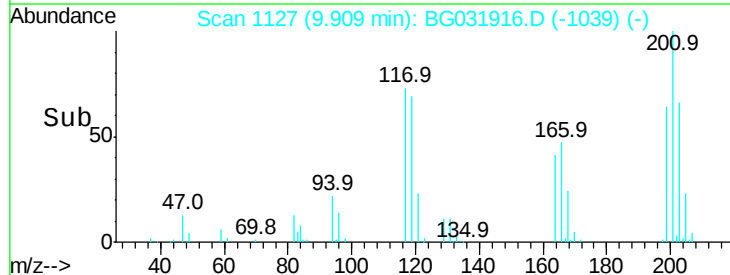
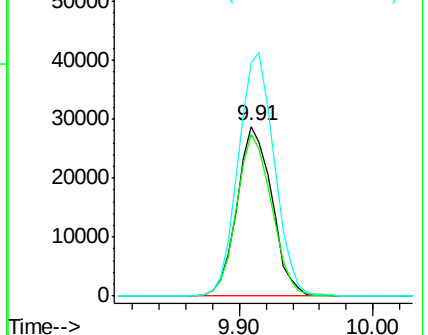


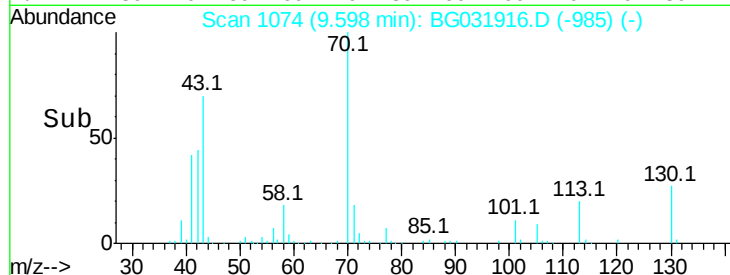
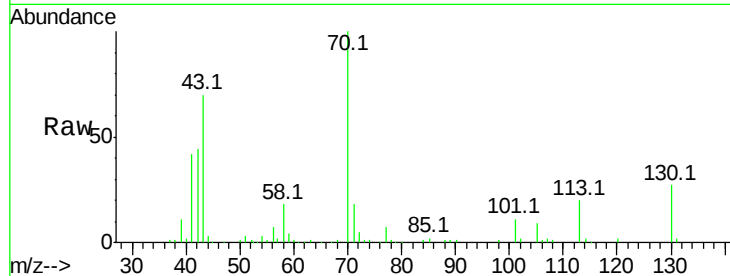
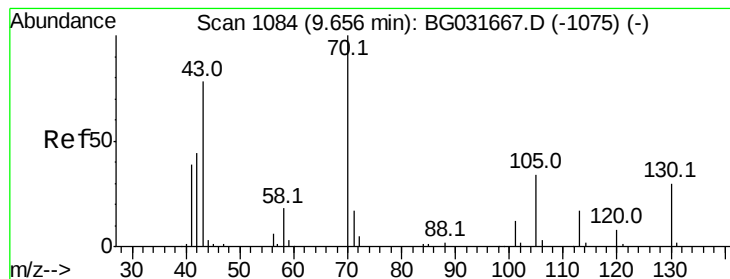
#18
Hexachloroethane
Concen: 40.280 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:117 Resp: 52113
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
201 137.6 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: 34.937 ng

RT: 9.60 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 89928

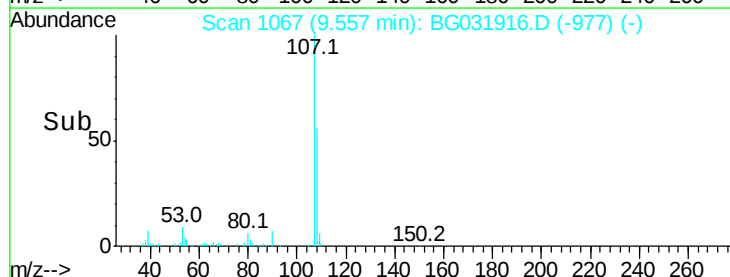
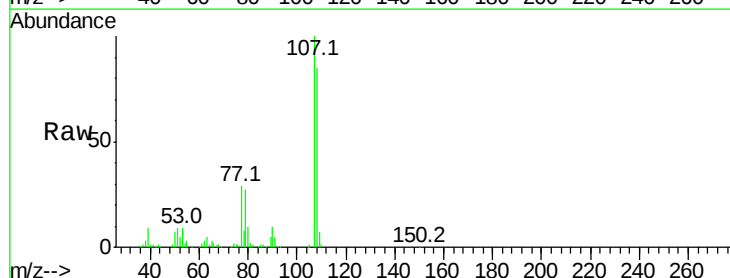
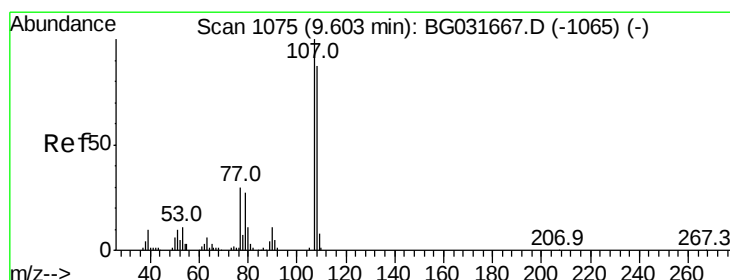
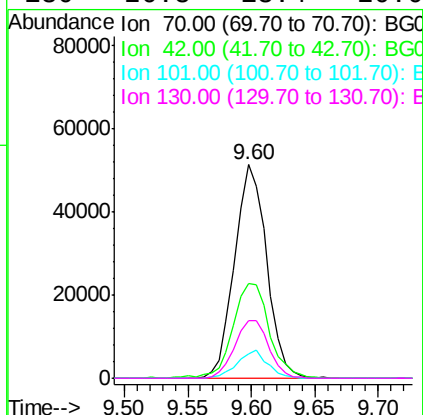
Ion Ratio Lower Upper

70 100

42 44.3 49.1 73.7#

101 11.1 8.5 12.7

130 26.8 13.4 20.0#



#20

3+4-Methylphenols

Concen: 42.938 ng

RT: 9.56 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Tgt Ion: 107 Resp: 166155

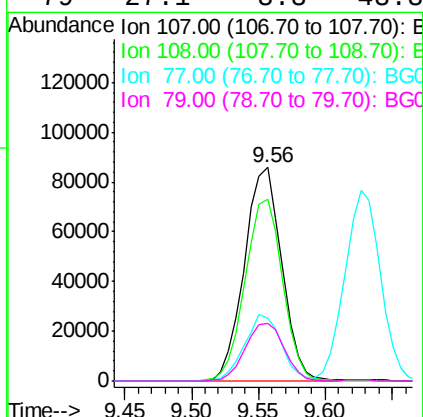
Ion Ratio Lower Upper

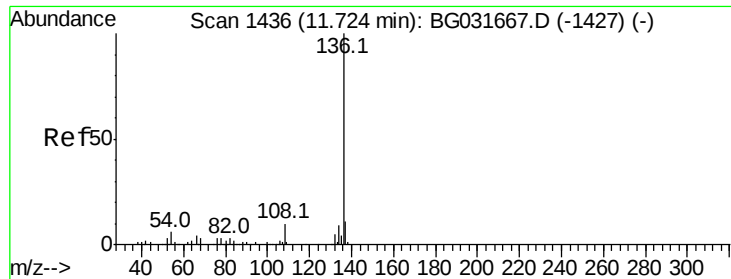
107 100

108 85.2 61.6 101.6

77 29.4 13.9 53.9

79 27.1 8.8 48.8

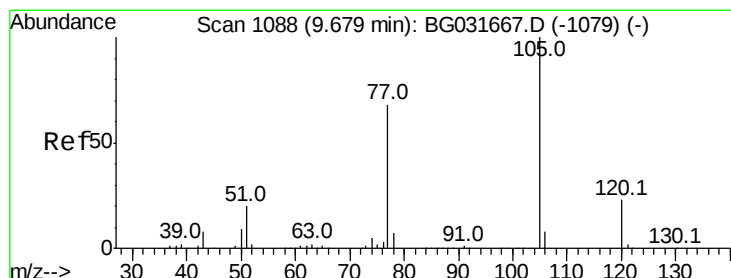
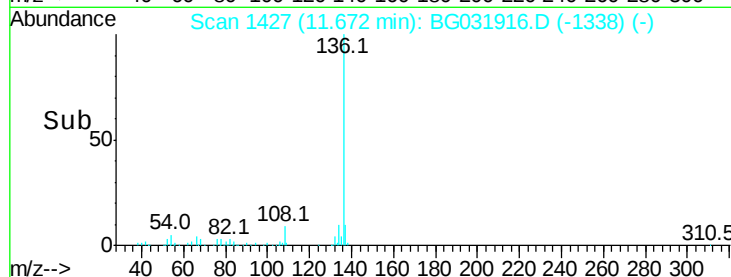
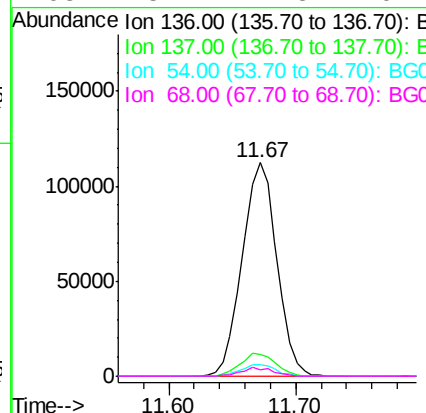
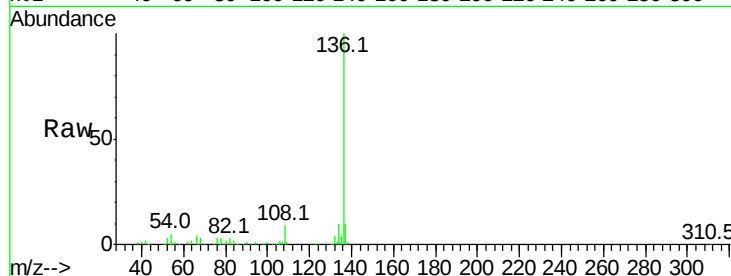




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

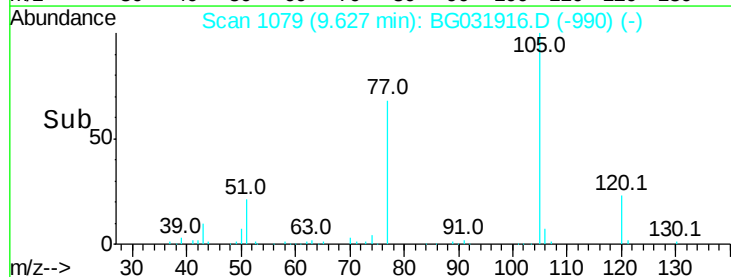
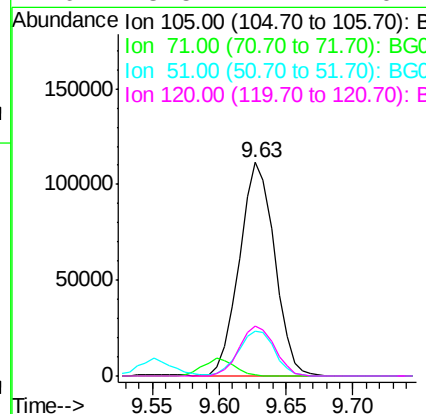
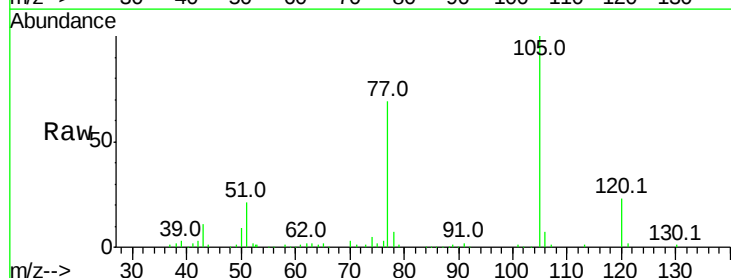
Instrument :
BNA_G
ClientSampleId :

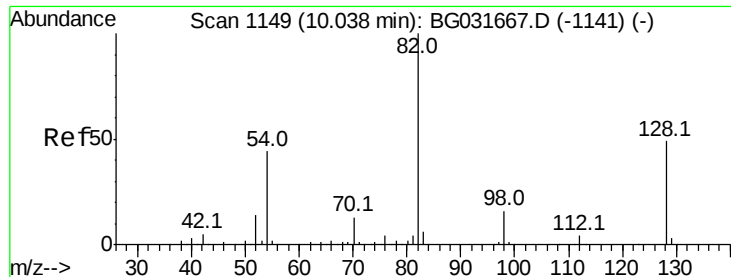
Tot Ion:	136	Resp:	213188
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	5.2	10.3	15.5#
68	3.2	4.5	6.7#



#22
Acetophenone
Concen: 41.116 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:	105	Resp:	203649
Ion	Ratio	Lower	Upper
105	100		
71	0.6	3.0	4.4#
51	20.9	26.1	39.1#
120	23.5	17.4	26.2

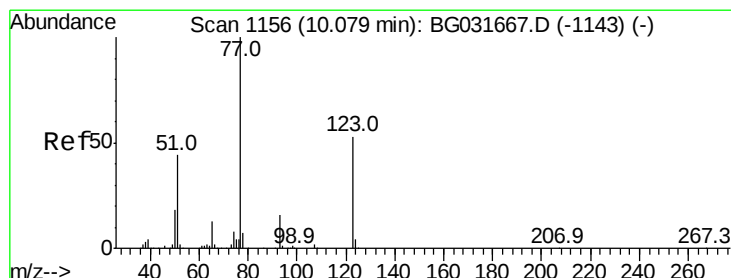
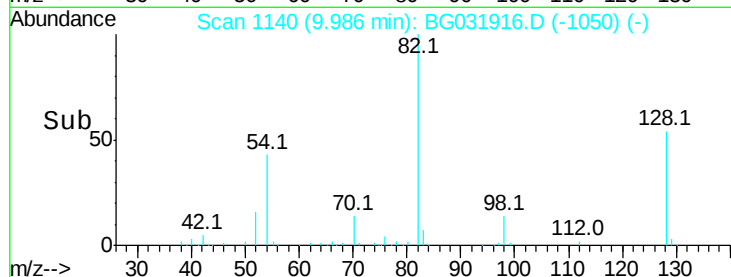
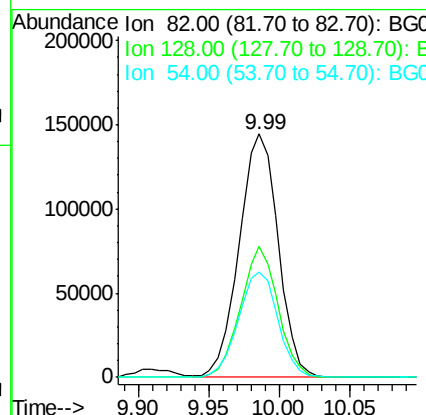
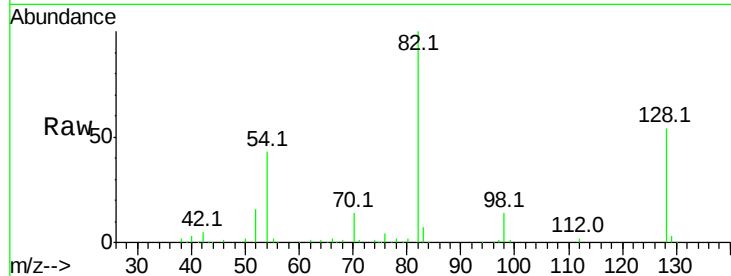




#23
 Nitrobenzene-d5
 Concen: 98.753 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

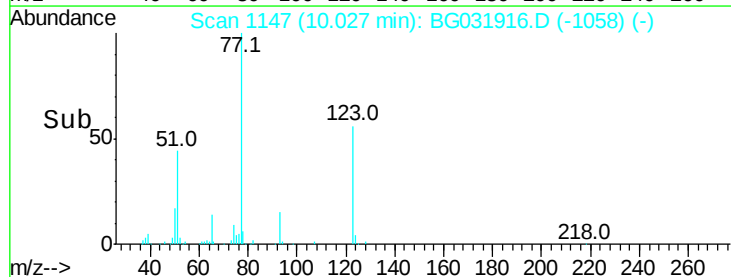
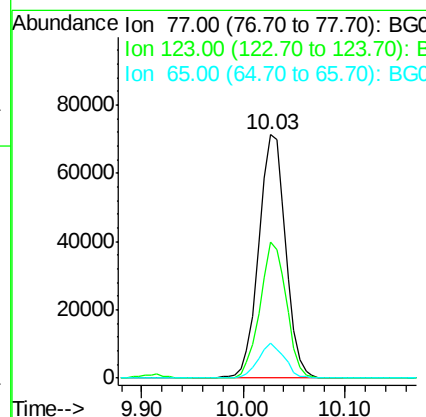
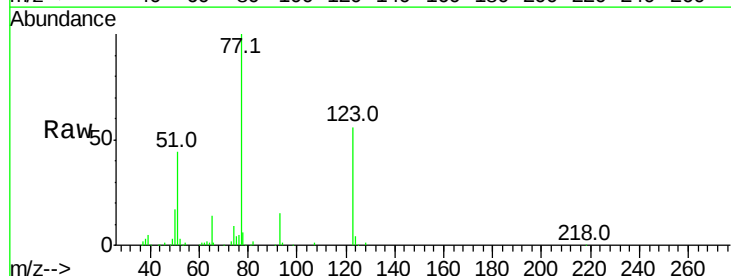
Instrument :
 BNA_G
 ClientSampleId :

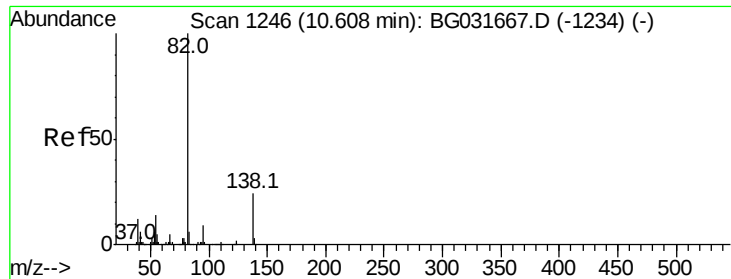
Tot Ion: 82 Resp: 278803
 Ion Ratio Lower Upper
 82 100
 128 54.0 29.7 44.5#
 54 43.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 45.352 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion: 77 Resp: 131963
 Ion Ratio Lower Upper
 77 100
 123 55.9 33.0 49.6#
 65 14.1 13.0 19.6





#25

Isophorone

Concen: 42.054 ng

RT: 10.56 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampled :

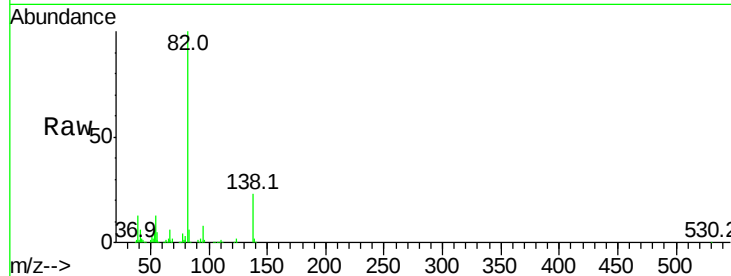
Tot Ion: 82 Resp: 255587

Ion Ratio Lower Upper

82 100

95 8.4 6.2 9.2

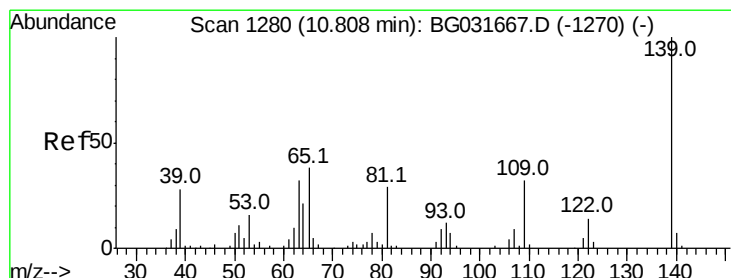
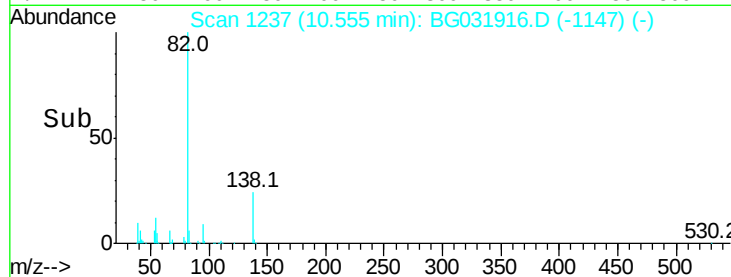
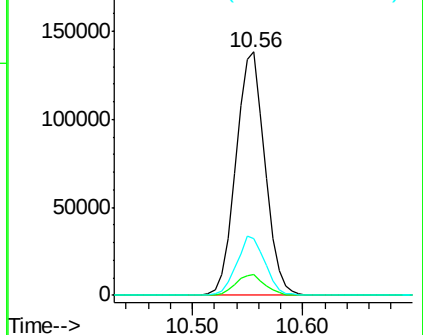
138 23.4 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 57.164 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

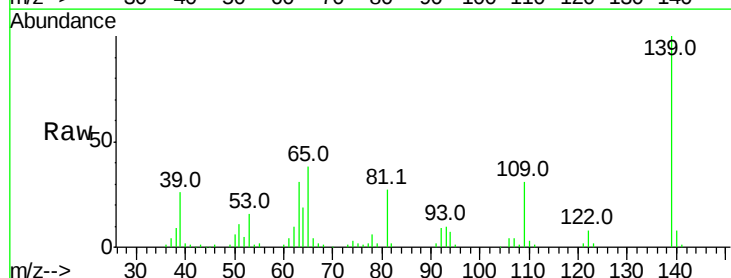
Tgt Ion: 139 Resp: 87210

Ion Ratio Lower Upper

139 100

109 31.2 24.2 36.2

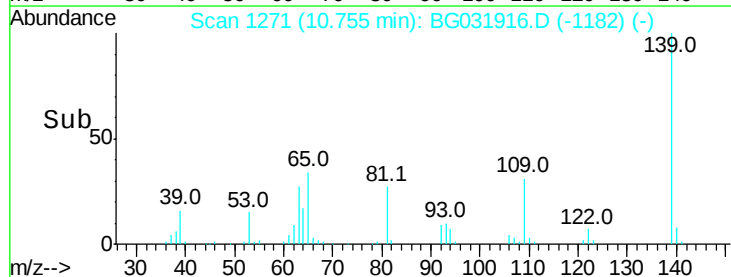
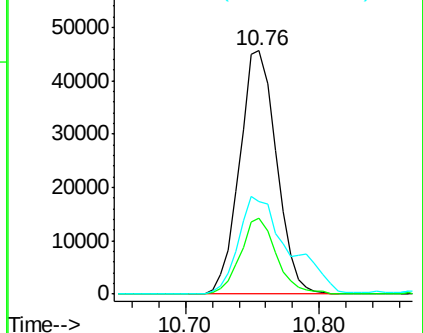
65 38.1 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

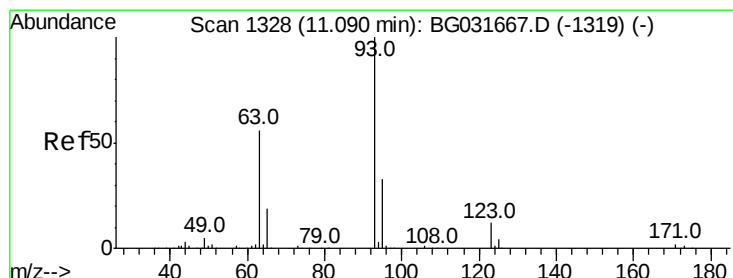
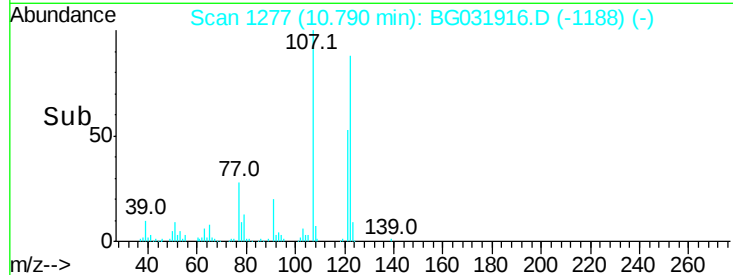
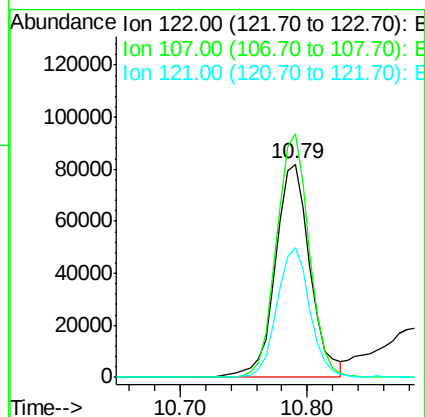
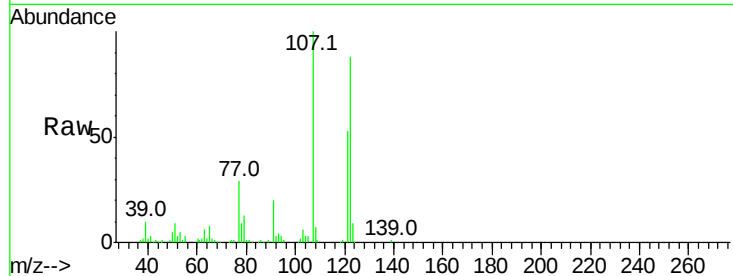




#27
 2,4-Dimethylphenol
 Concen: 48.622 ng
 RT: 10.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

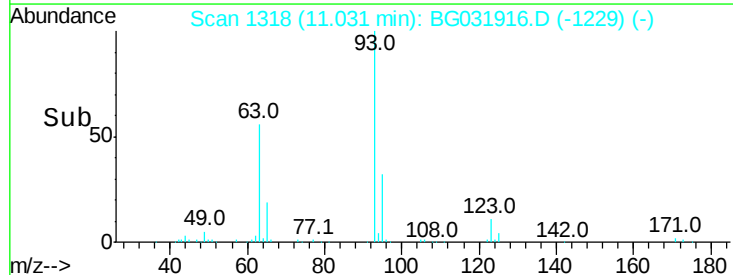
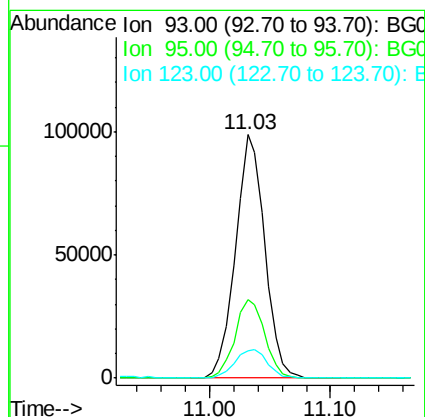
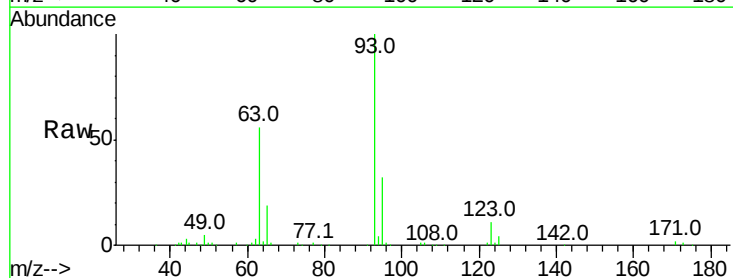
Instrument :
 BNA_G
 ClientSampleId :

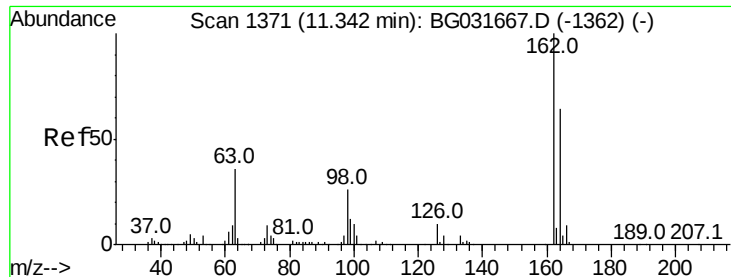
Tot Ion:122 Resp: 156091
 Ion Ratio Lower Upper
 122 100
 107 114.2 100.2 150.2
 121 60.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.729 ng
 RT: 11.03 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion: 93 Resp: 166092
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.3 36.5
 123 11.4 8.4 12.6

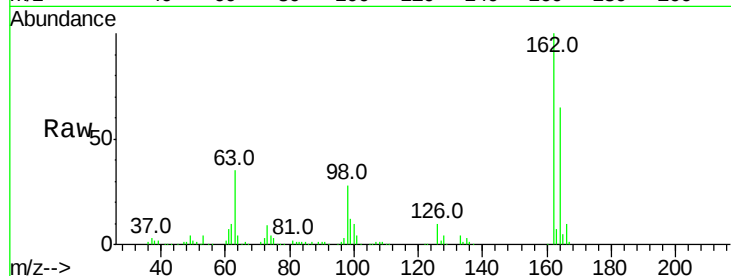




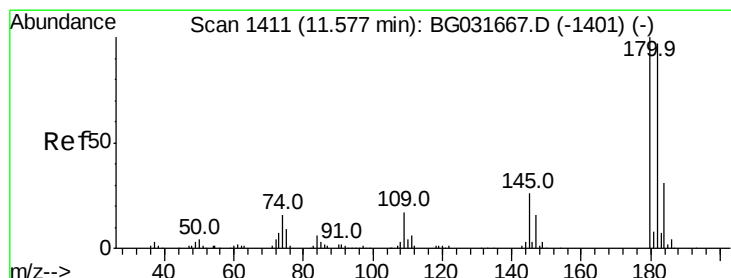
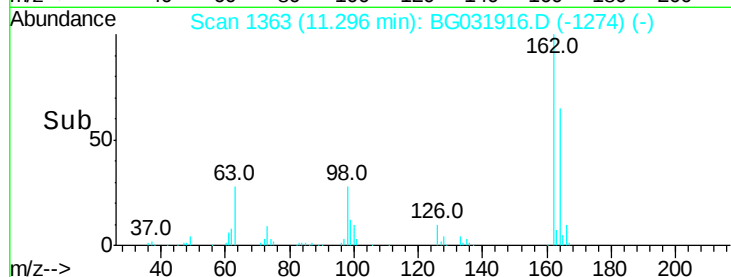
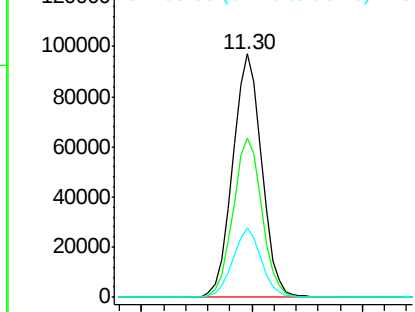
#29
 2,4-Dichlorophenol
 Concen: 47.590 ng
 RT: 11.30 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.0	88.0
98	28.5	21.1	61.1

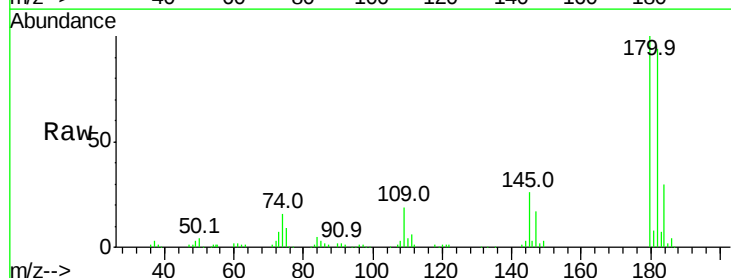


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

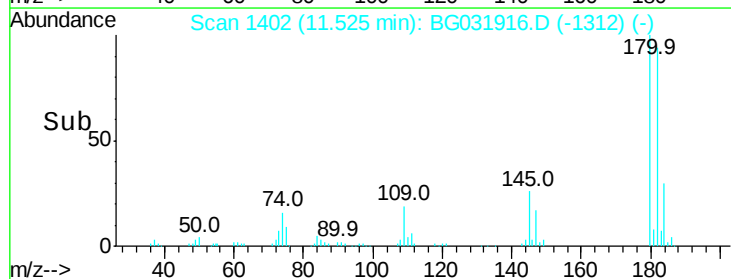
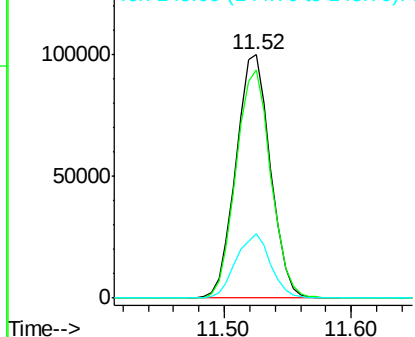


#30
 1,2,4-Trichlorobenzene
 Concen: 40.854 ng
 RT: 11.52 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.5	116.3
145	26.4	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

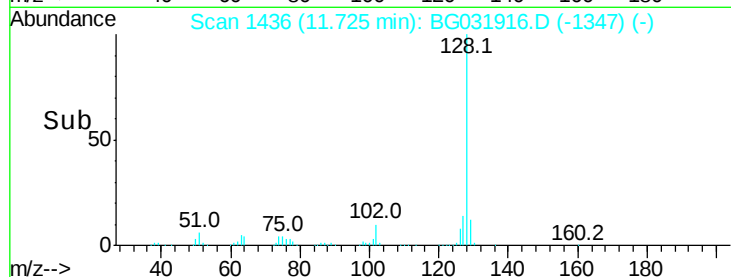
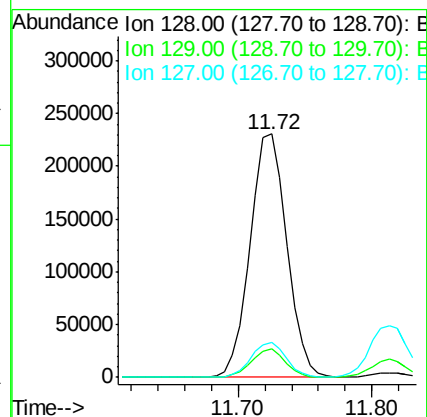
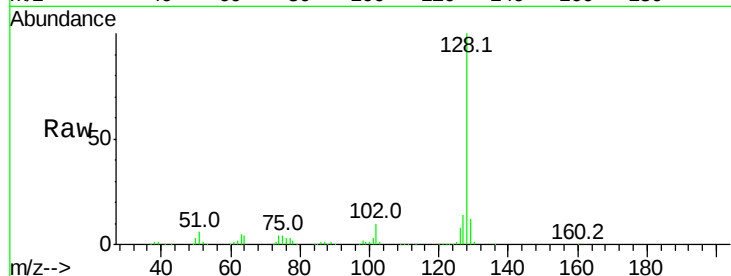




#31
Naphthalene
Concen: 40.599 ng
RT: 11.72 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

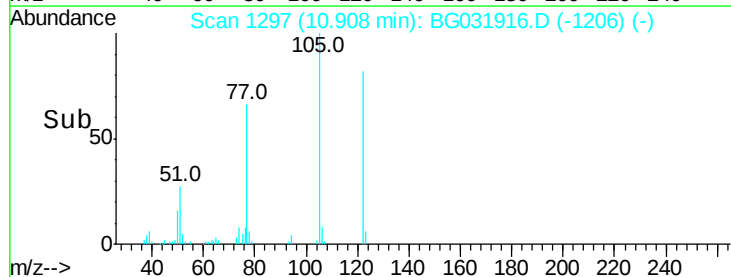
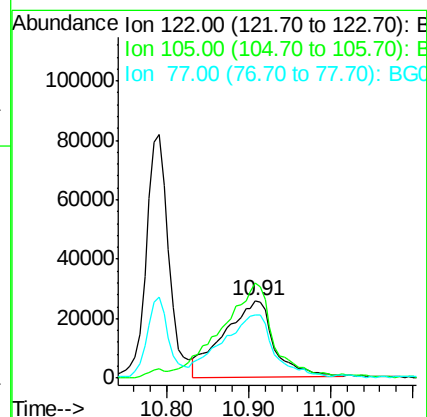
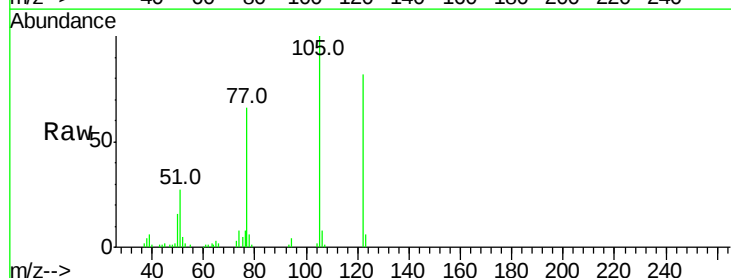
Instrument :
BNA_G
ClientSampleId :

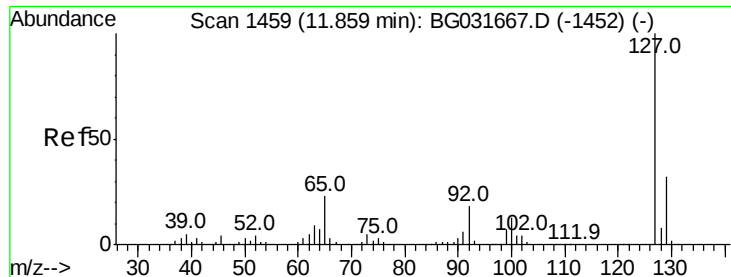
Tot Ion:128 Resp: 436813
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 49.900 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:122 Resp: 109917
Ion Ratio Lower Upper
122 100
105 122.0 123.5 163.5#
77 81.1 85.7 125.7#

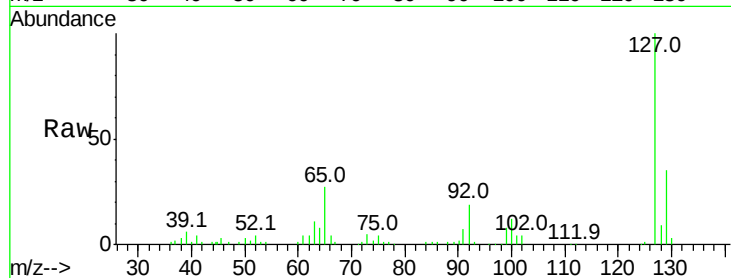




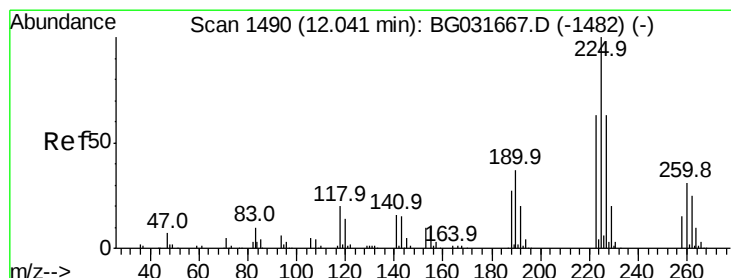
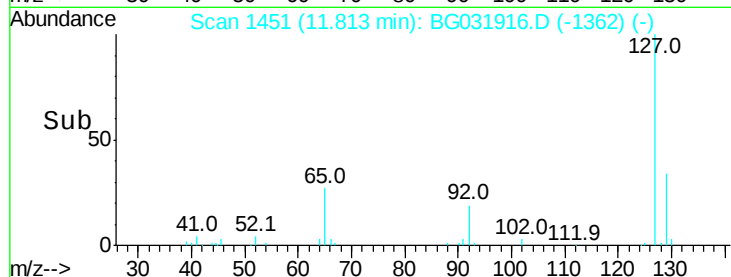
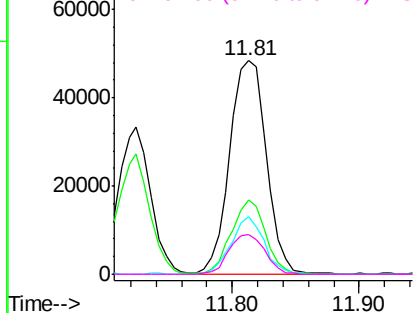
#33
4-Chloroaniline
Concen: 20.265 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	97072
Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.0	36.0
65	27.2	27.0	40.4
92	18.8	16.6	25.0

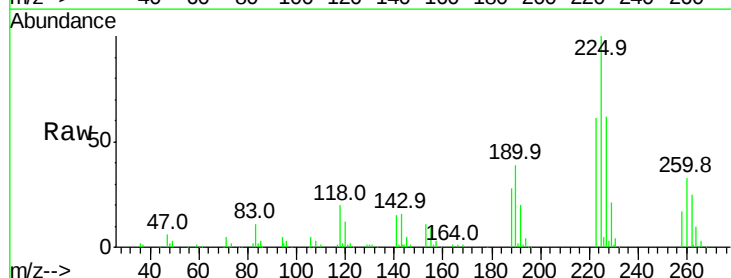


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

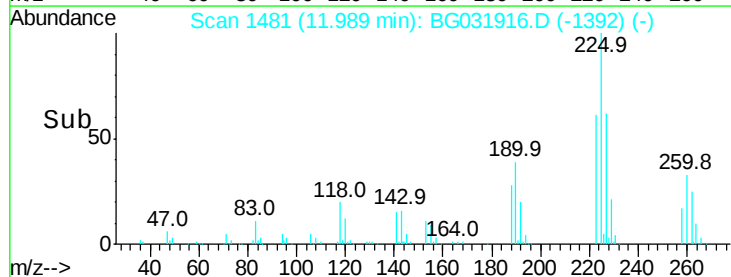
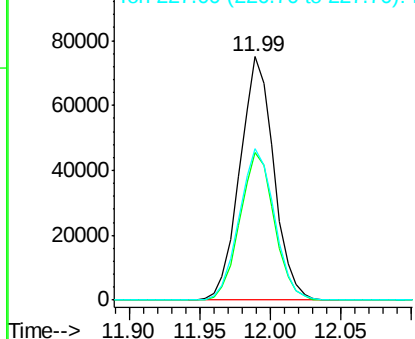


#34
Hexachlorobutadiene
Concen: 39.895 ng
RT: 11.99 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:	225	Resp:	126035
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	62.1	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: 54.650 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

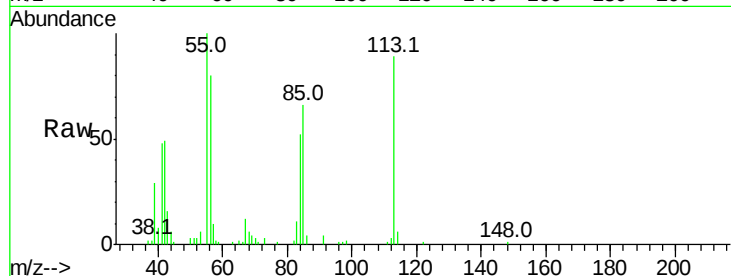
Tot Ion:113 Resp: 62431

Ion Ratio Lower Upper

113 100

55 112.8 186.9 226.9#

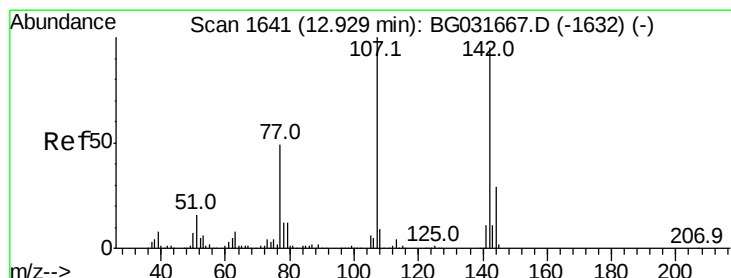
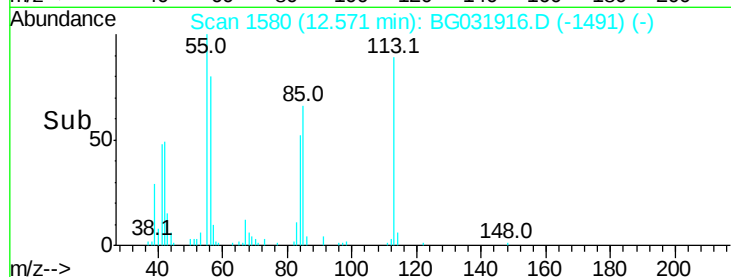
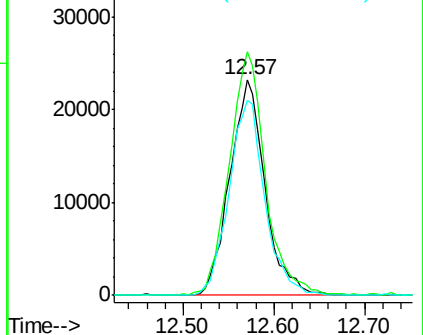
56 90.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.113 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

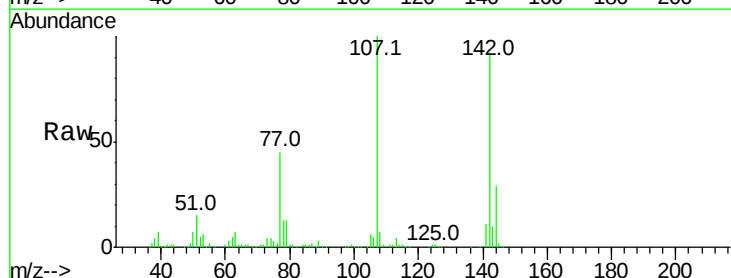
Tgt Ion:107 Resp: 167466

Ion Ratio Lower Upper

107 100

144 29.0 18.2 27.4#

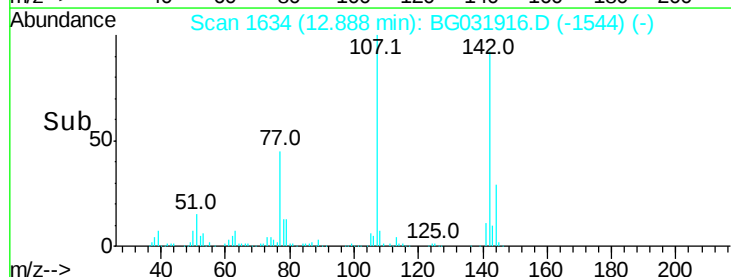
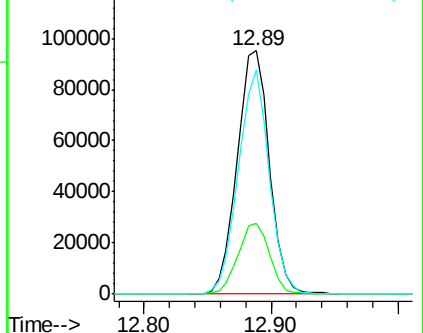
142 92.4 59.0 88.4#

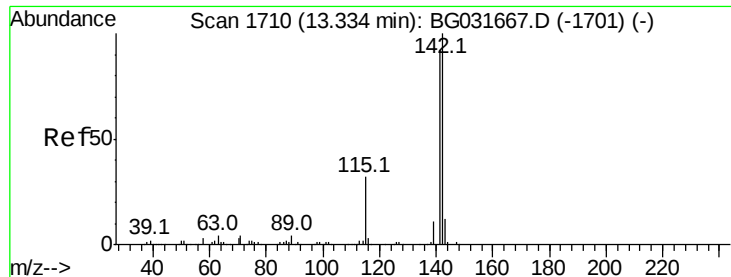


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

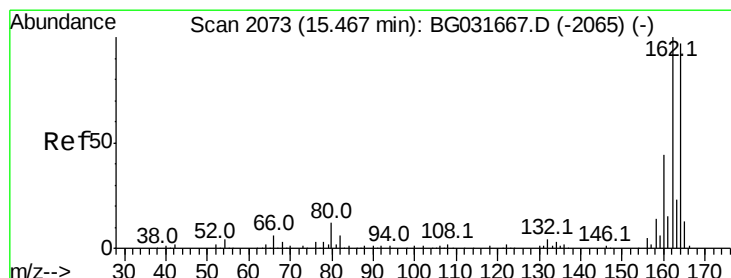
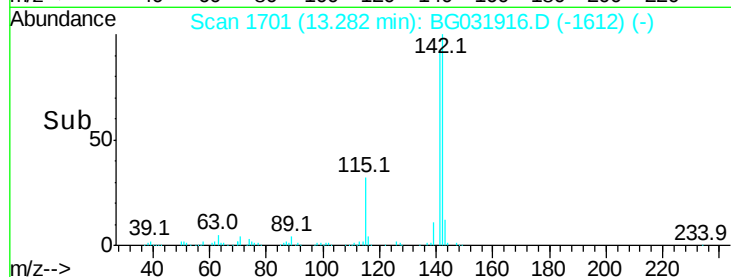
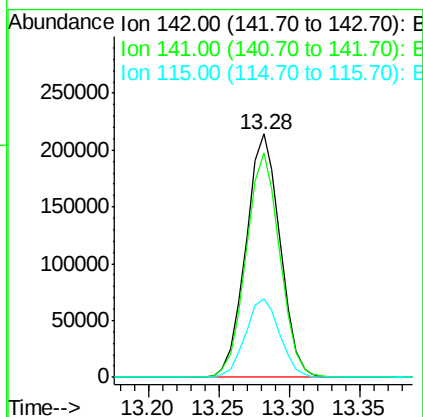
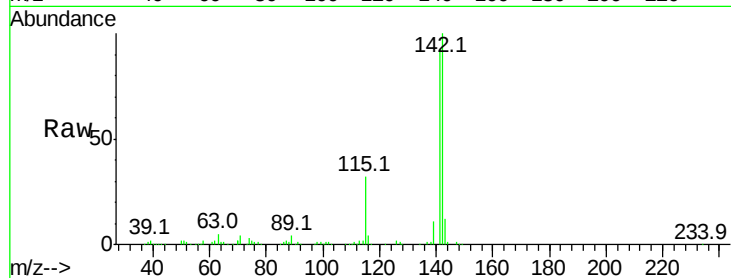




#37
2-Methylnaphthalene
Concen: 41.749 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

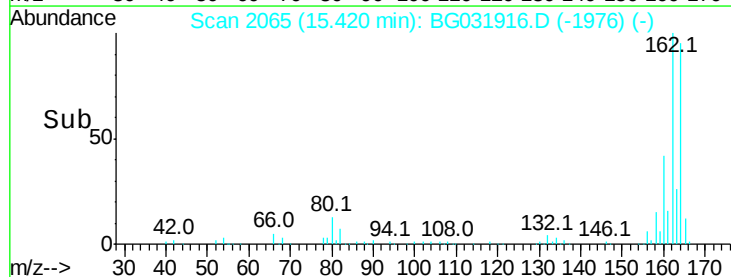
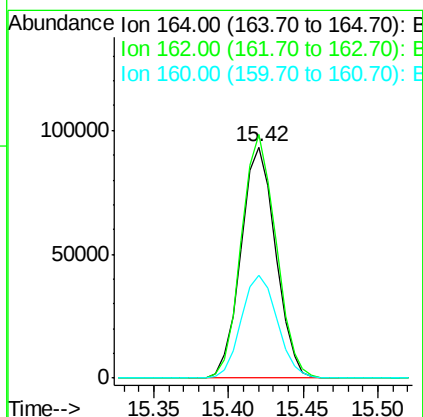
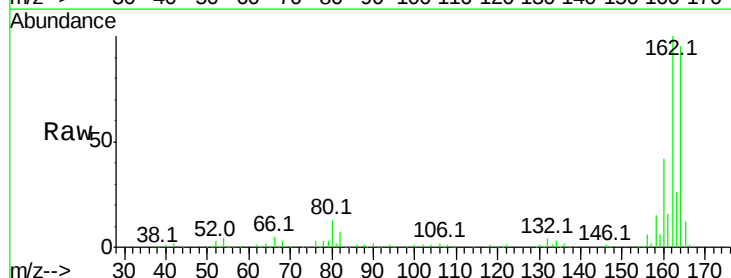
Instrument :
BNA_G
ClientSampled :

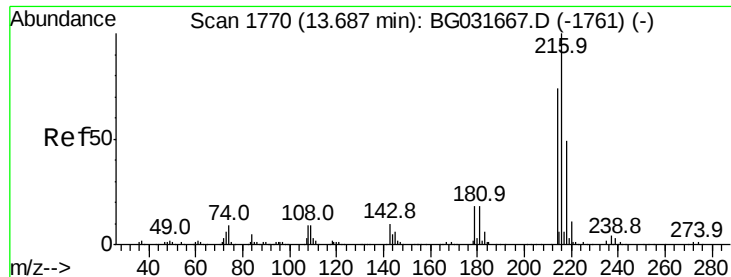
Tot Ion:142 Resp: 364136
Ion Ratio Lower Upper
142 100
141 92.4 67.1 100.7
115 32.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:164 Resp: 150054
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 44.5 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.720 ng

RT: 13.63 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 251044

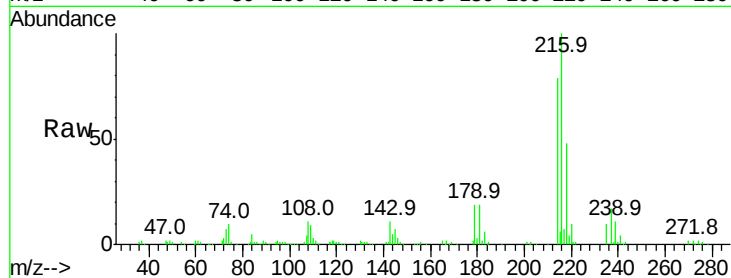
Ion Ratio Lower Upper

216 100

214 77.4 63.0 94.4

179 18.9 17.0 25.6

108 12.2 12.8 19.2#

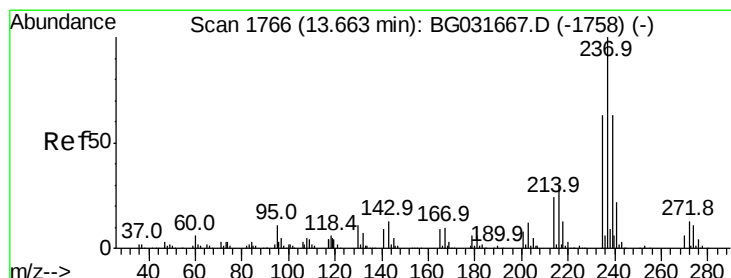
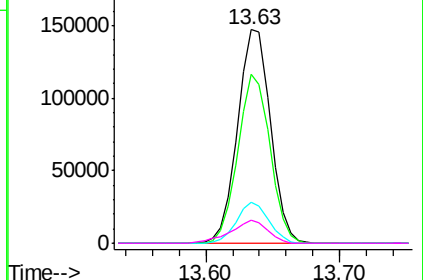
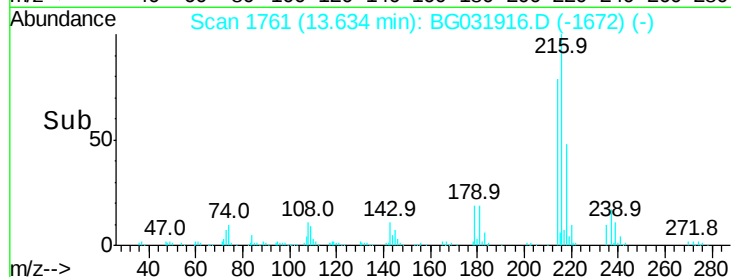


Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.531 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

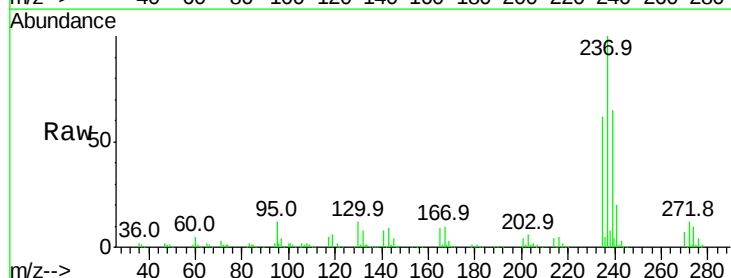
Tgt Ion:237 Resp: 338532

Ion Ratio Lower Upper

237 100

235 61.7 50.4 90.4

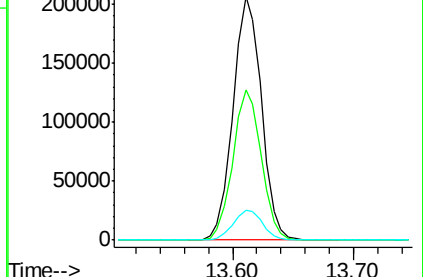
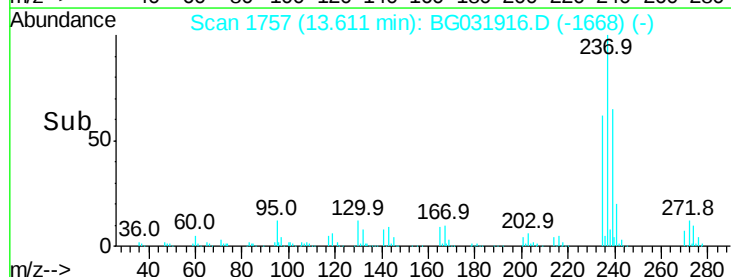
272 12.4 0.0 31.8

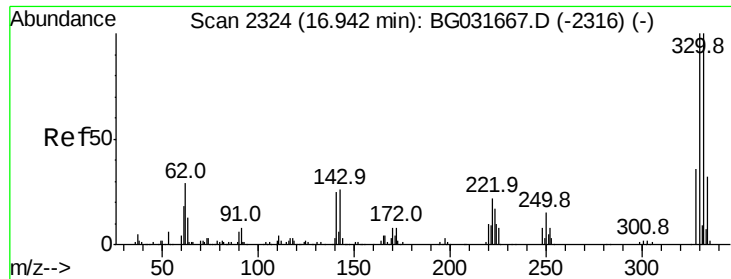


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

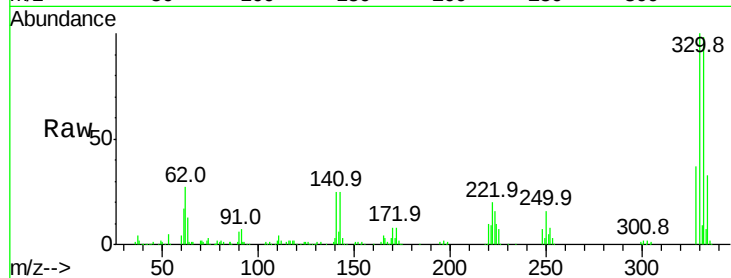




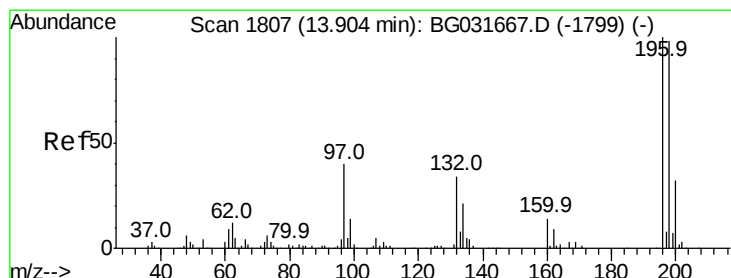
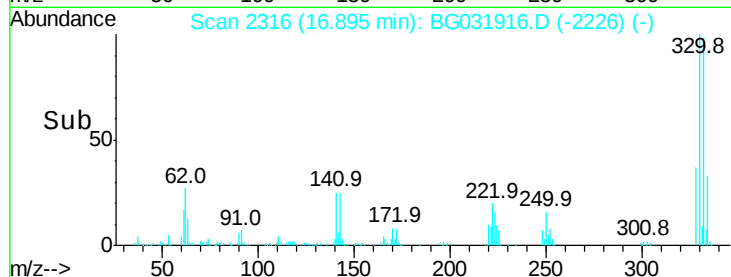
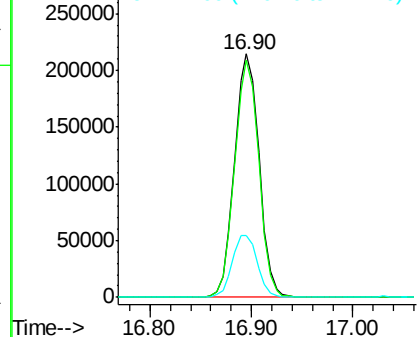
#41
 2,4,6-Tribromophenol
 Concen: 157.211 ng
 RT: 16.90 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	26.0	25.2	37.8

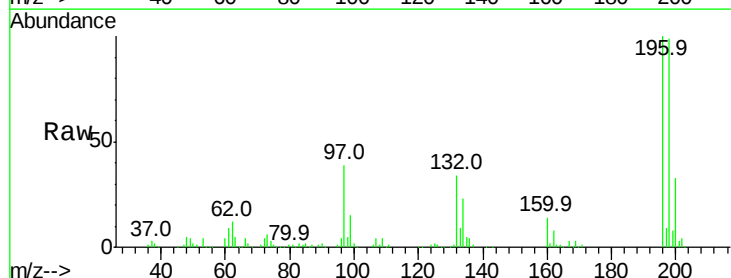


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

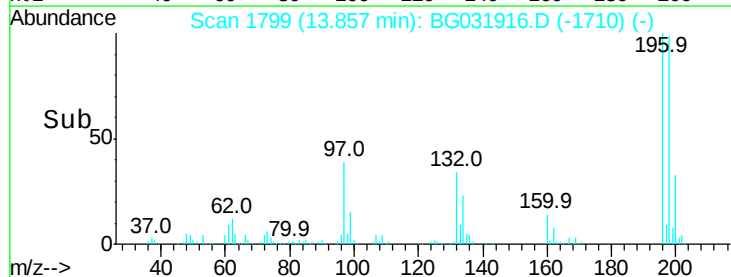
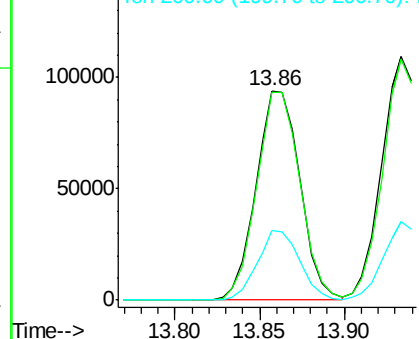


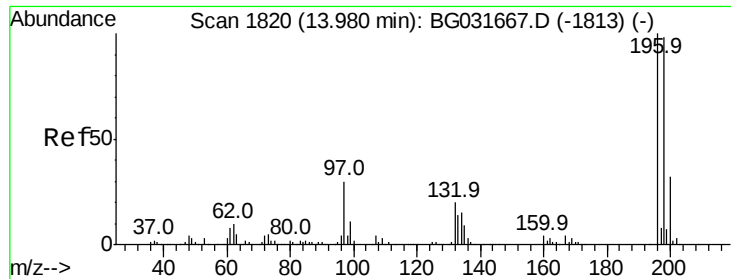
#42
 2,4,6-Trichlorophenol
 Concen: 46.462 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	78.2	117.2
200	33.3	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

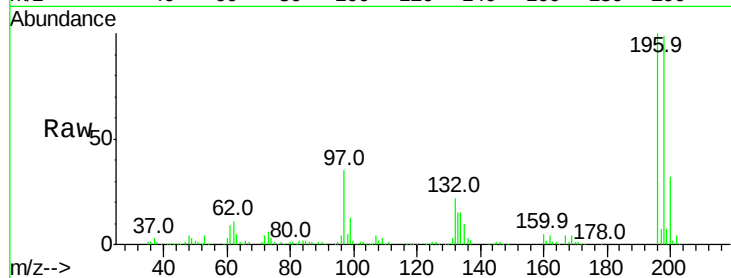




#43
 2,4,5-Trichlorophenol
 Concen: 45.652 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.4
97	34.6	38.7	58.1
132	21.7	20.2	30.2



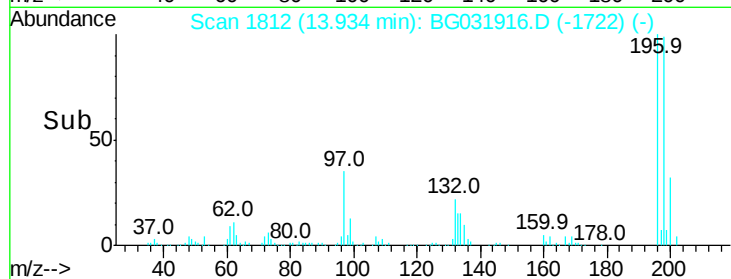
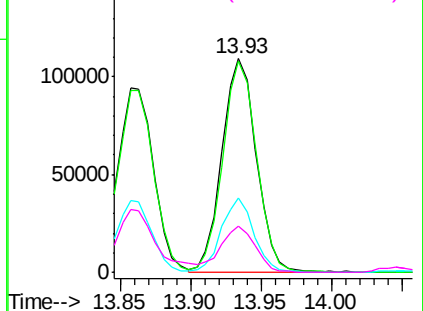
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

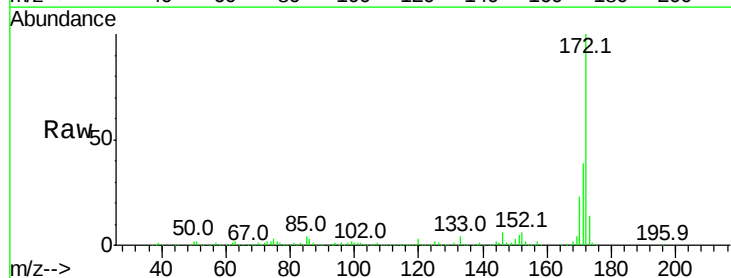
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.211 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	23.5	19.5	29.3

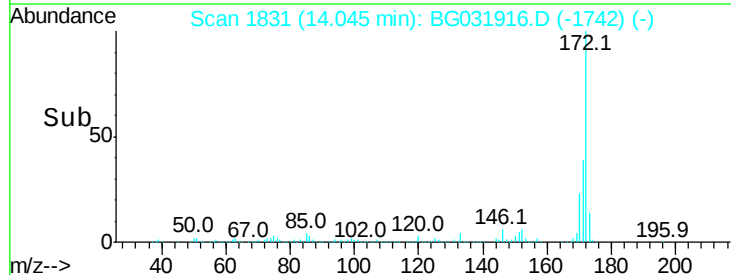
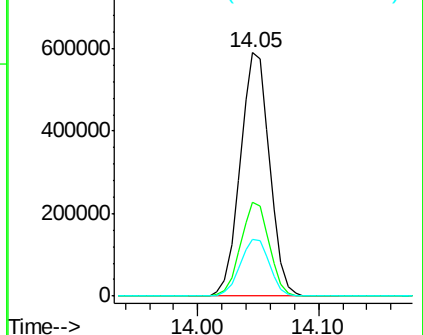


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.505 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

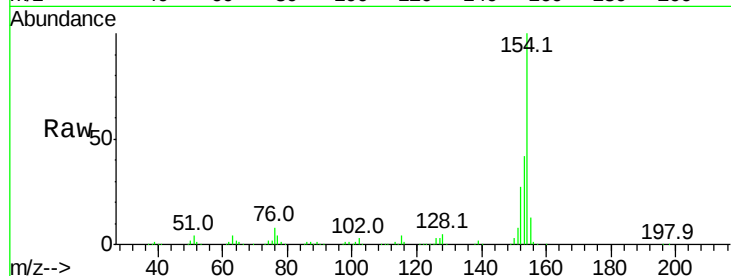
Tot Ion:154 Resp: 519109

Ion Ratio Lower Upper

154 100

153 42.0 19.8 59.8

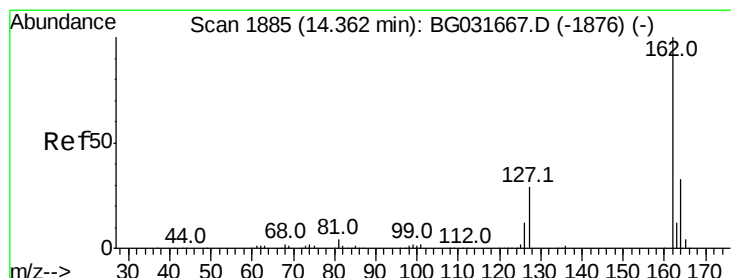
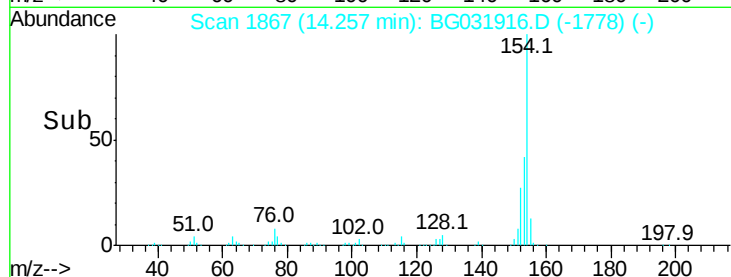
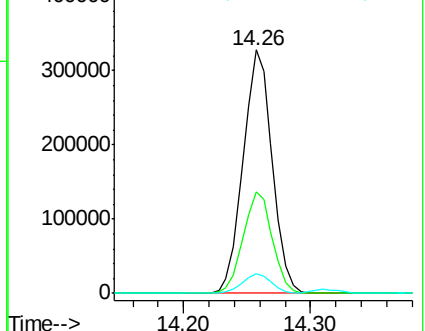
76 7.9 0.0 31.9



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: 40.424 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

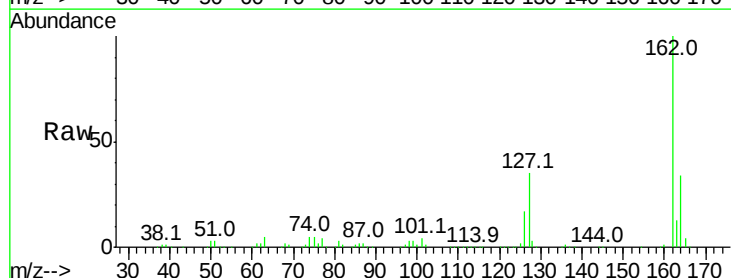
Tgt Ion:162 Resp: 395167

Ion Ratio Lower Upper

162 100

127 35.2 30.7 46.1

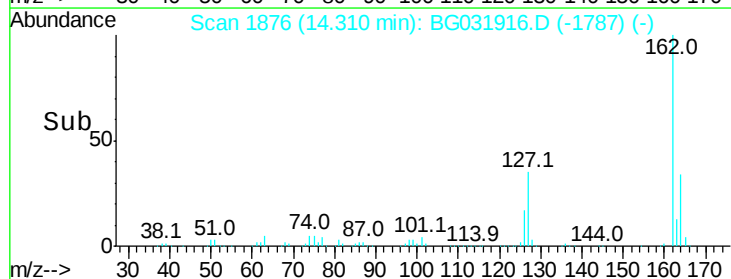
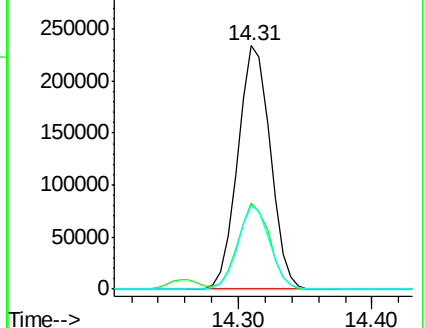
164 34.1 26.0 39.0

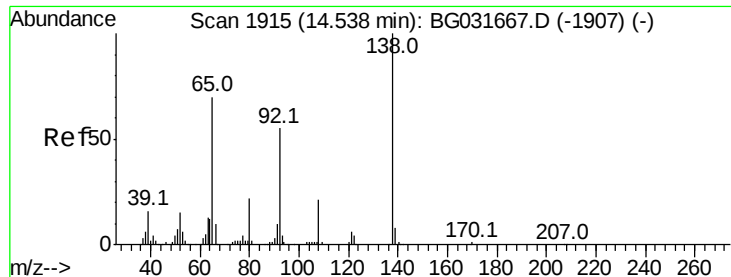


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

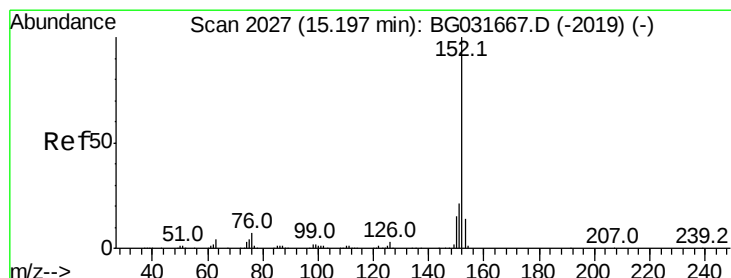
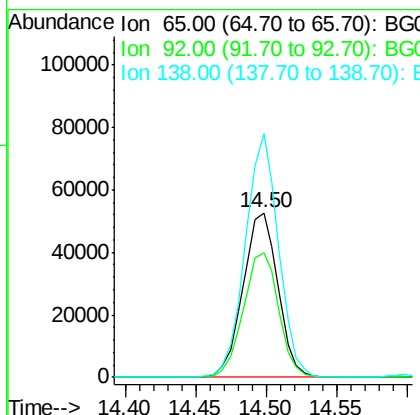
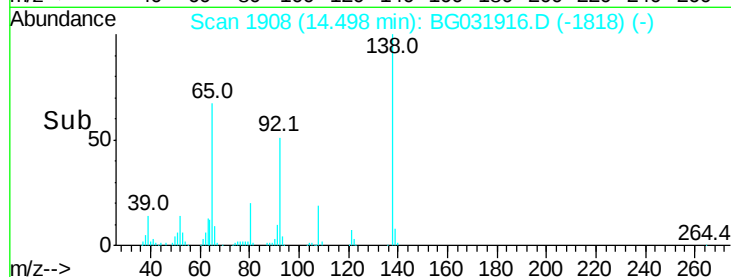
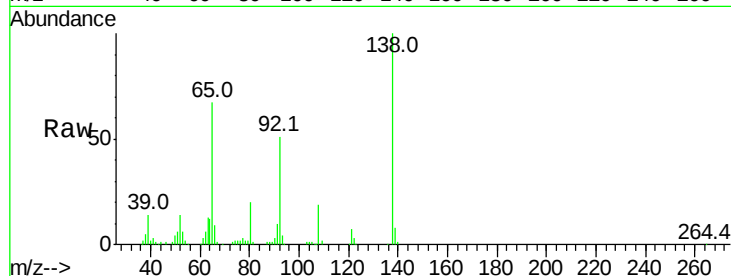




#47
2-Nitroaniline
Concen: 54.090 ng
RT: 14.50 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

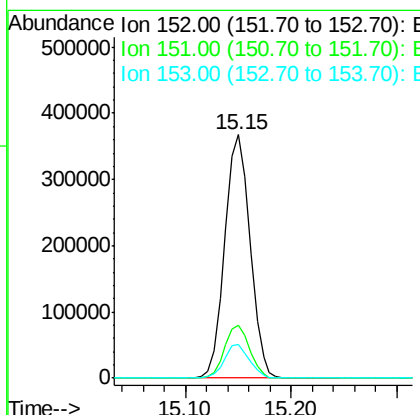
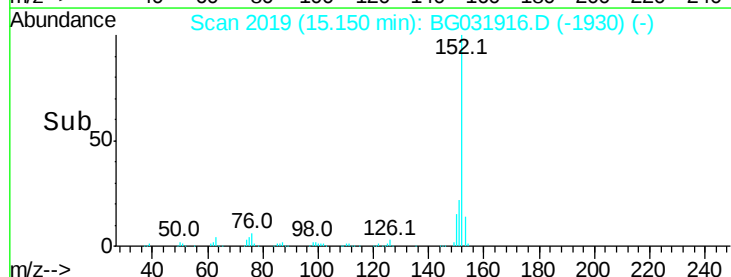
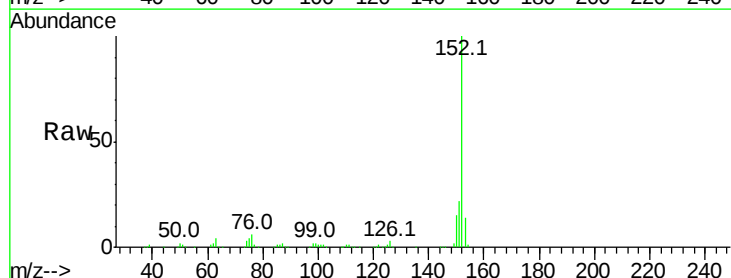
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 91321
Ion Ratio Lower Upper
65 100
92 75.6 54.6 82.0
138 148.2 72.9 109.3#



#48
Acenaphthylene
Concen: 38.986 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion: 152 Resp: 609708
Ion Ratio Lower Upper
152 100
151 21.9 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 40.816 ng

RT: 14.85 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

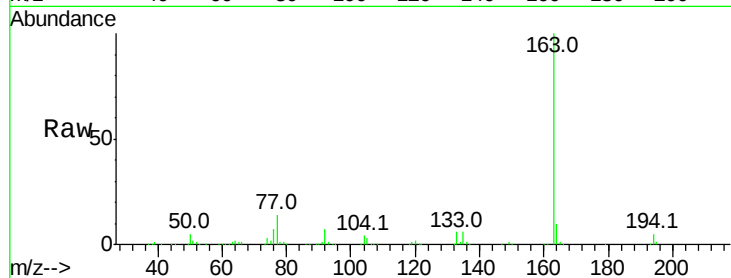
Tot Ion:163 Resp: 539549

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

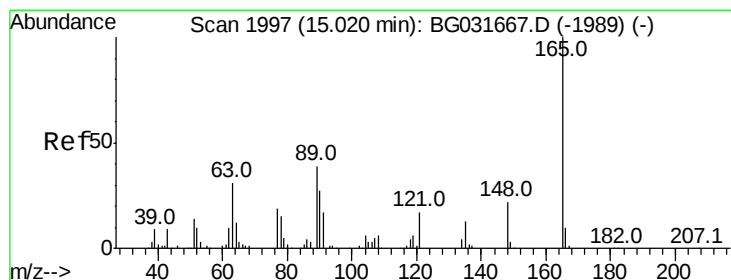
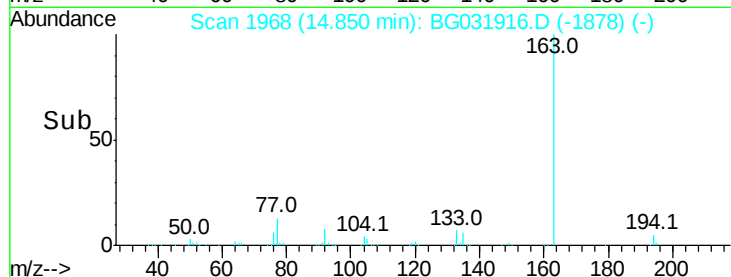
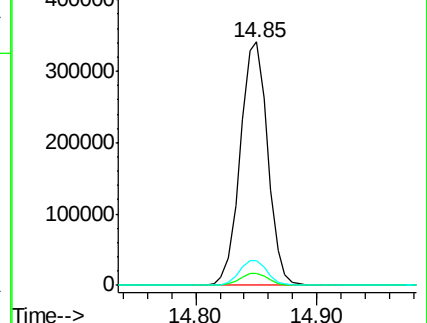
164 10.3 8.2 12.4



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: 49.804 ng

RT: 14.97 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

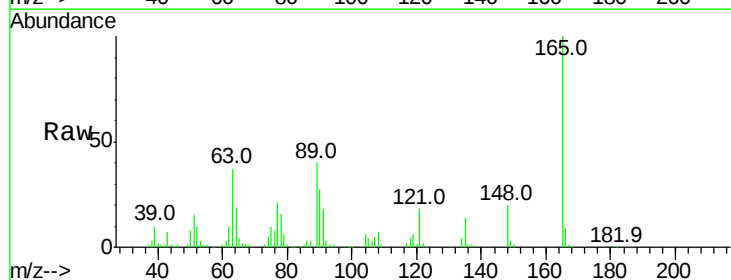
Tgt Ion:165 Resp: 121114

Ion Ratio Lower Upper

165 100

63 36.8 52.7 79.1#

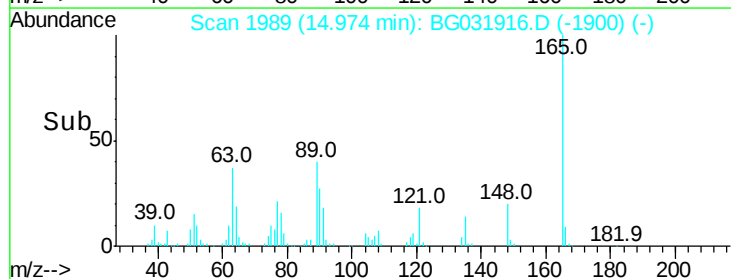
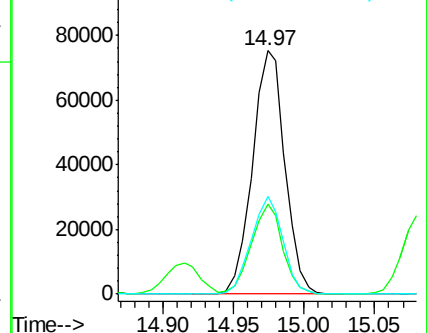
89 39.9 49.2 73.8#



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: 44.110 ng

RT: 15.48 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

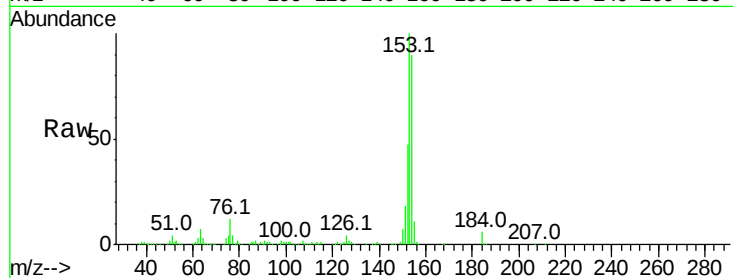
Tot Ion:154 Resp: 451796

Ion Ratio Lower Upper

154 100

153 111.2 90.4 135.6

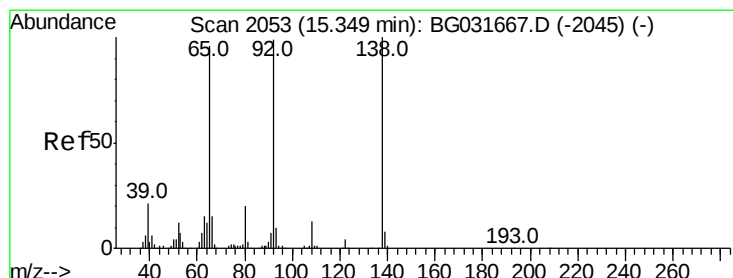
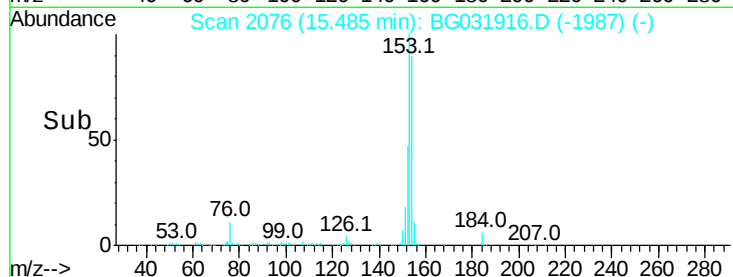
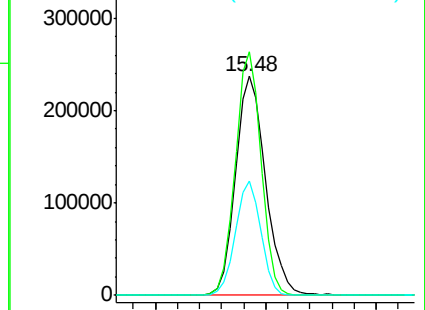
152 52.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.752 ng

RT: 15.31 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

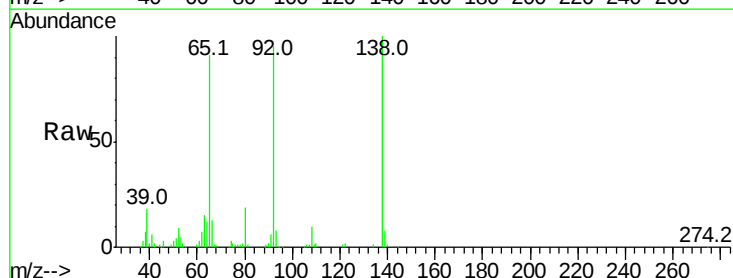
Tgt Ion:138 Resp: 70589

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

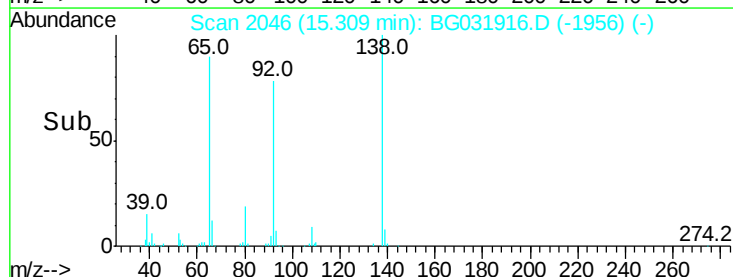
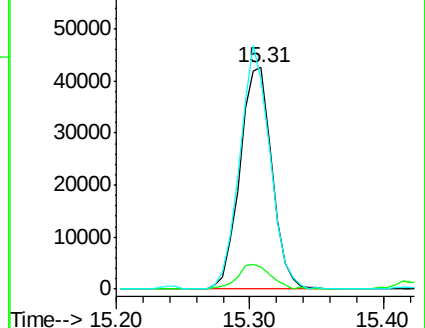
92 94.8 105.8 158.8#

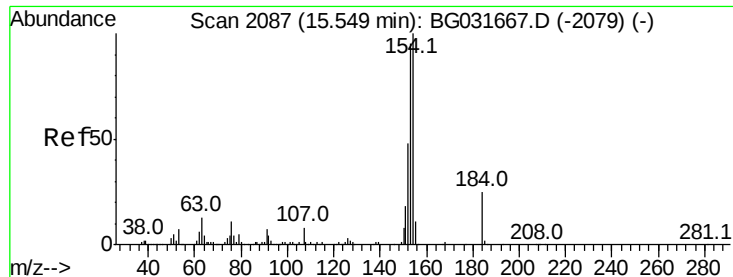


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

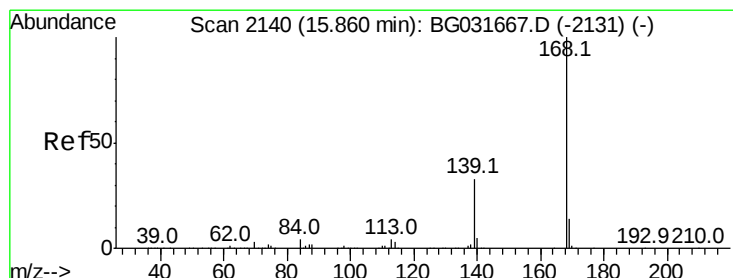
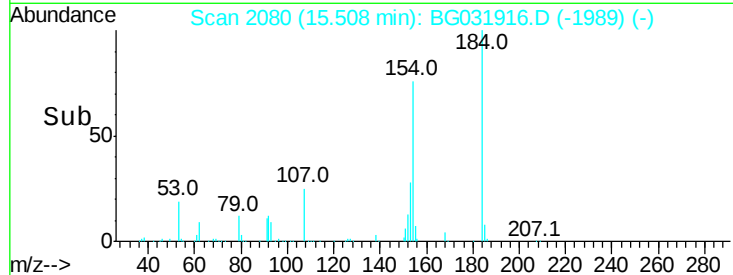
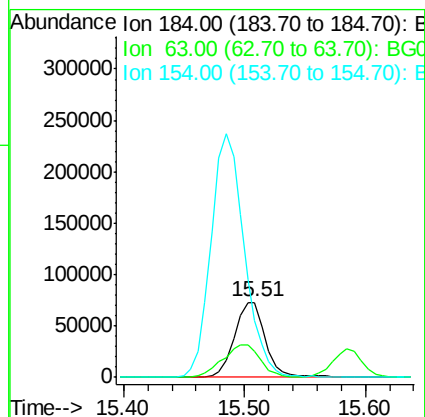
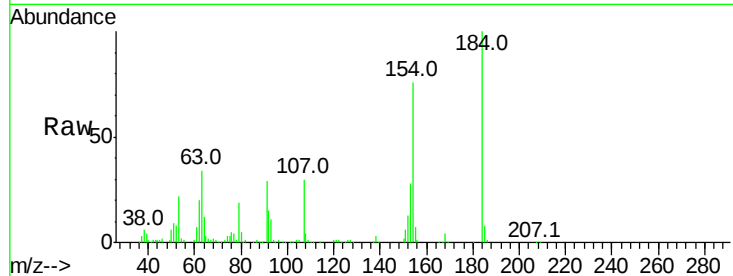




#53
 2,4-Dinitrophenol
 Concen: 121.200 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

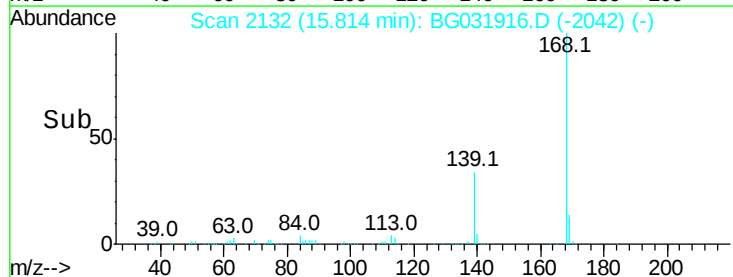
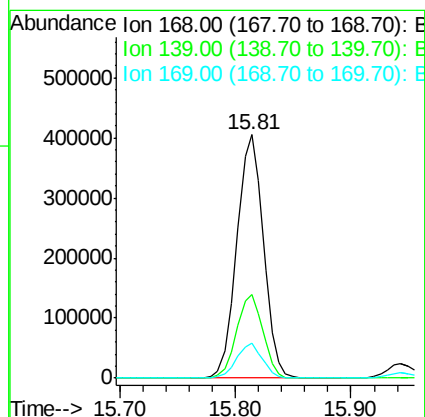
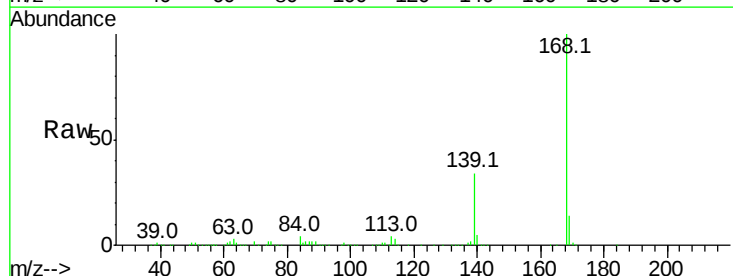
Instrument :
 BNA_G
 ClientSampleId :

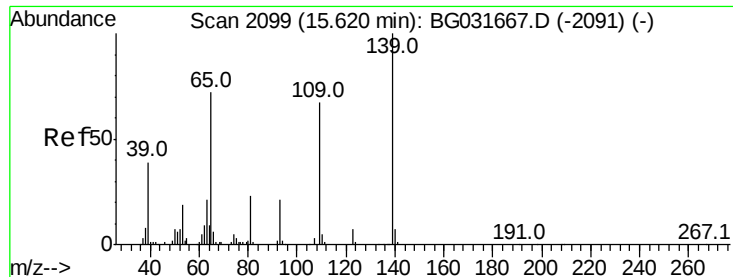
Tot Ion:184 Resp: 129700
 Ion Ratio Lower Upper
 184 100
 63 34.4 59.8 89.8#
 154 75.5 101.8 152.8#



#54
 Dibenzofuran
 Concen: 41.087 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion:168 Resp: 645100
 Ion Ratio Lower Upper
 168 100
 139 34.3 28.6 43.0
 169 14.3 11.2 16.8

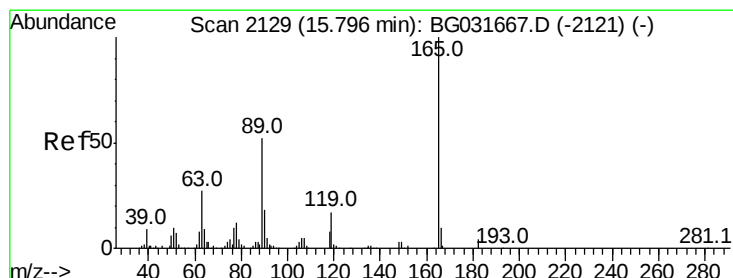
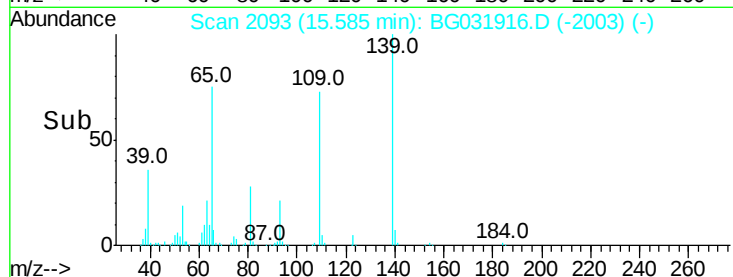
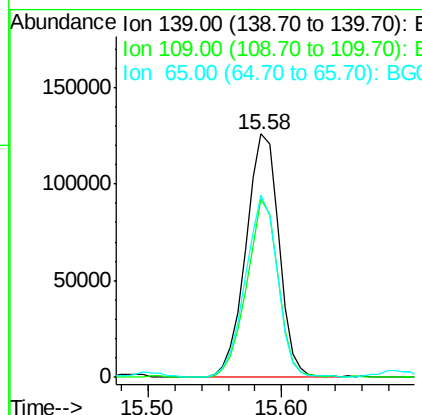
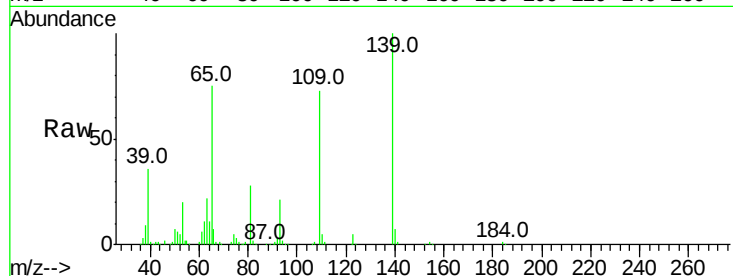




#55
4-Nitrophenol
Concen: 111.205 ng
RT: 15.58 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

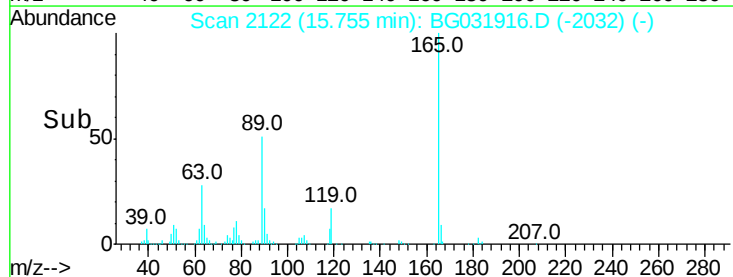
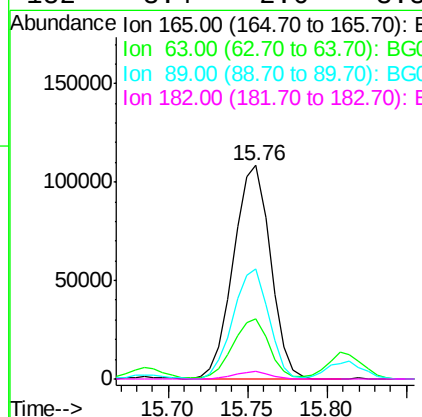
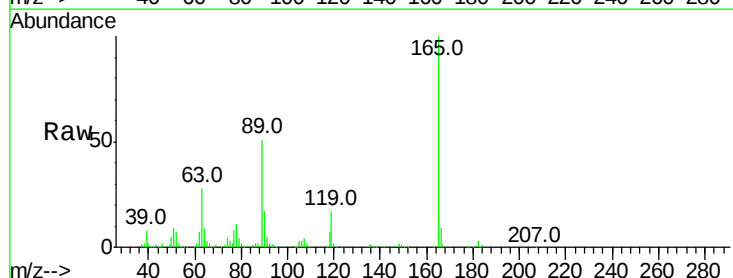
Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 214741
Ion Ratio Lower Upper
139 100
109 73.3 62.2 102.2
65 75.1 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 56.358 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:165 Resp: 176231
Ion Ratio Lower Upper
165 100
63 27.9 42.0 63.0#
89 51.4 66.9 100.3#
182 3.4 2.6 3.8

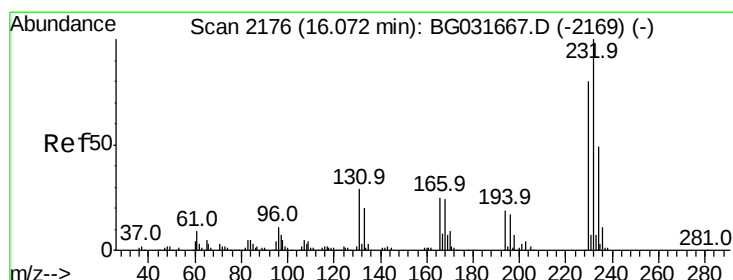
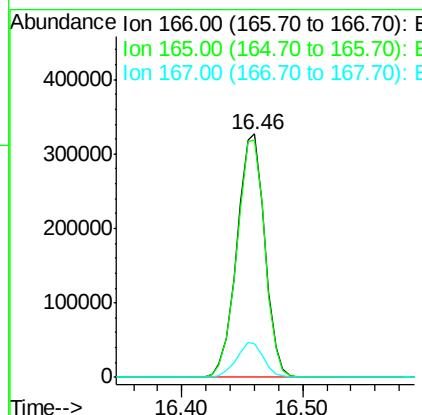
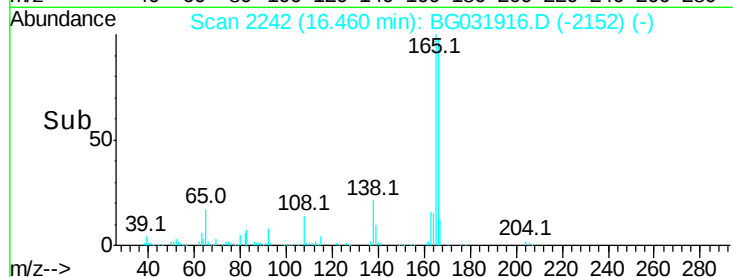
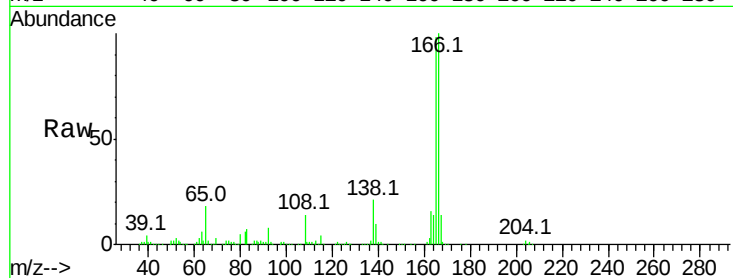




#57
 Fluorene
 Concen: 41.082 ng
 RT: 16.46 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

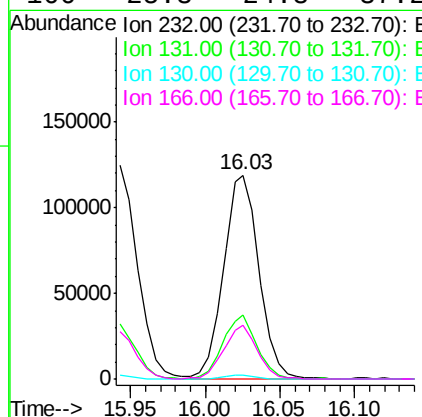
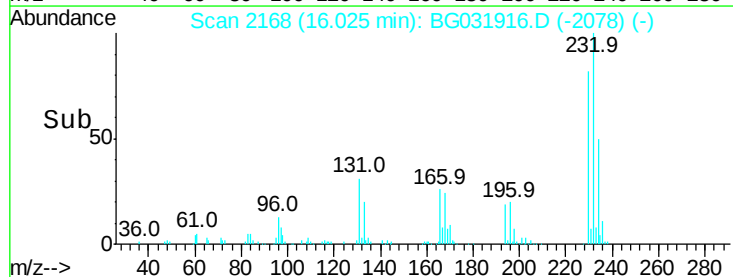
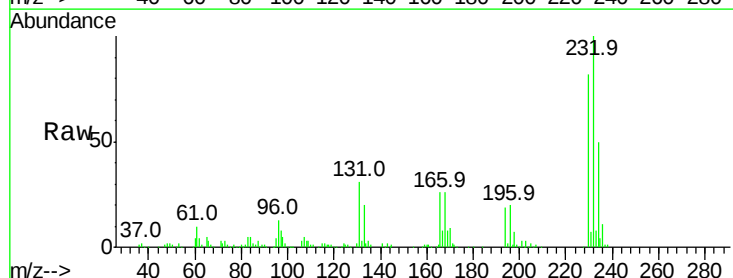
Instrument :
 BNA_G
 ClientSampleId :

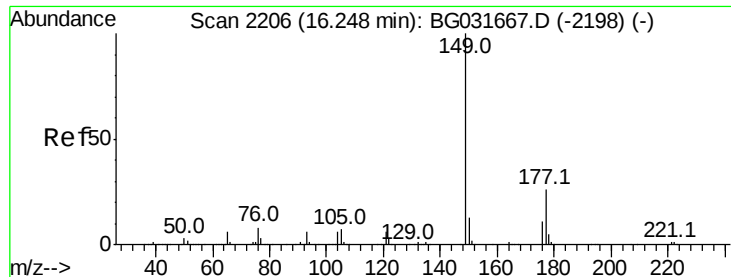
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.6	121.0
167	13.9	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.698 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.3	33.5	50.3#
130	1.9	2.2	3.2#
166	25.3	24.8	37.2





#59

Diethylphthalate

Concen: 40.877 ng

RT: 16.20 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

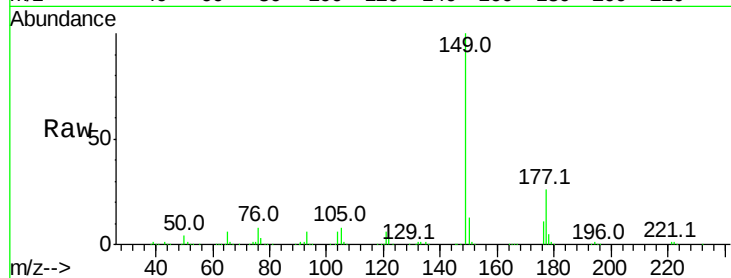
Tot Ion:149 Resp: 526674

Ion Ratio Lower Upper

149 100

177 26.0 18.5 27.7

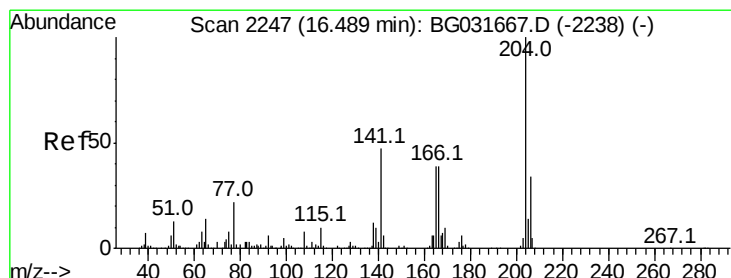
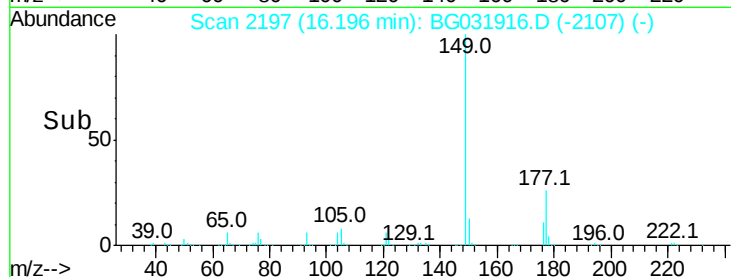
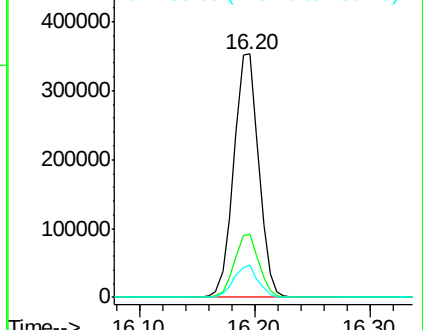
150 13.3 10.2 15.2



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: 39.467 ng

RT: 16.43 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

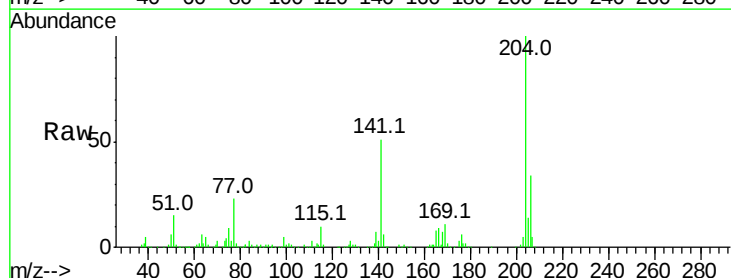
Tgt Ion:204 Resp: 308009

Ion Ratio Lower Upper

204 100

206 33.6 26.2 39.2

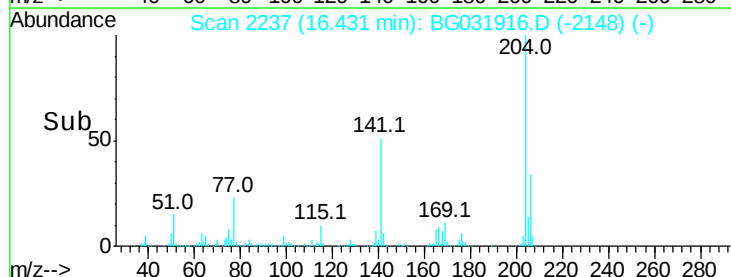
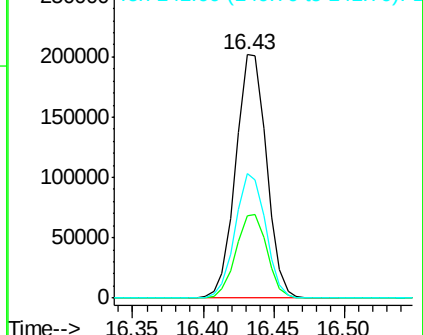
141 51.0 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

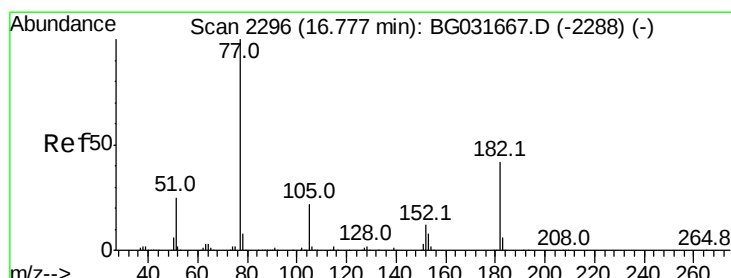
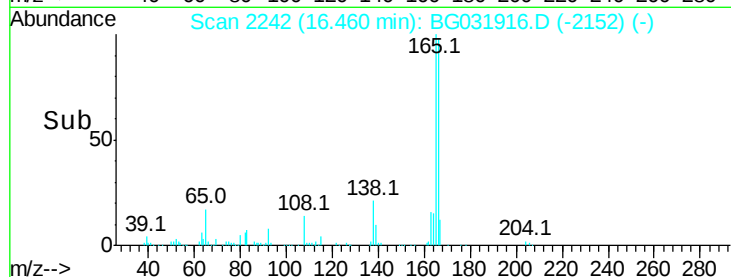
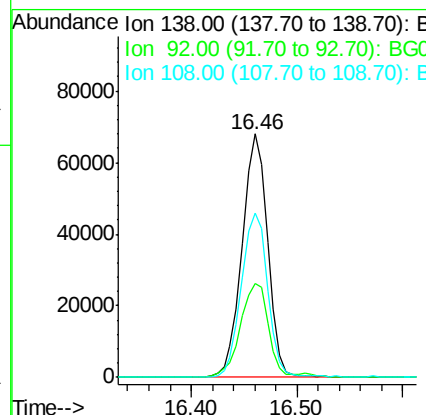
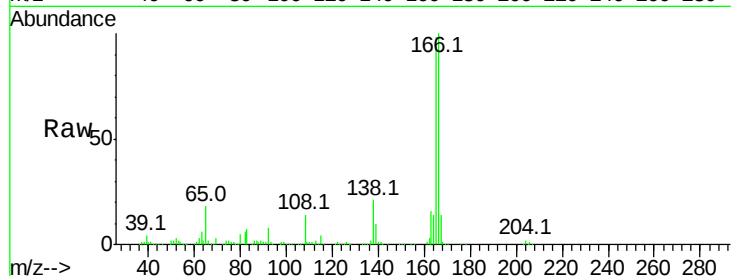




#61
4-Nitroaniline
Concen: 49.158 ng
RT: 16.46 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

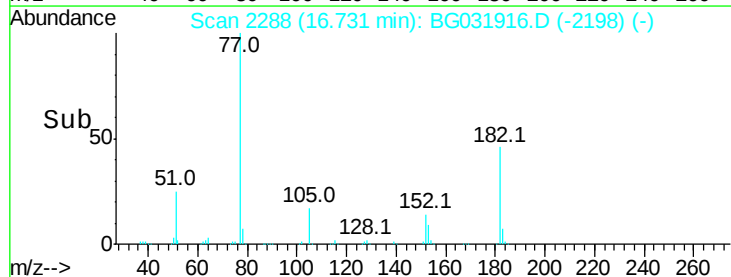
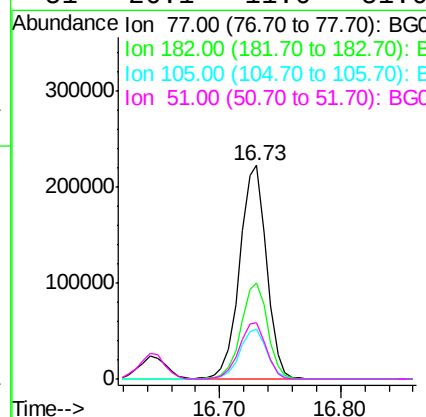
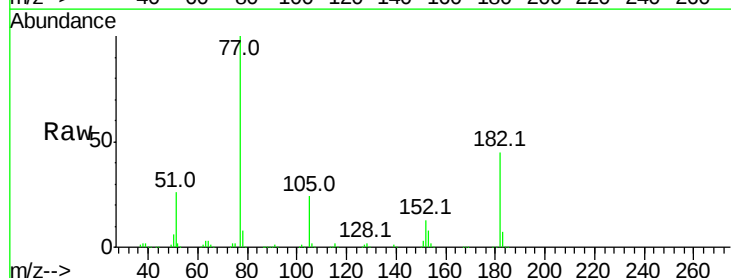
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 113814
Ion Ratio Lower Upper
138 100
92 38.7 40.1 80.1#
108 67.6 65.4 105.4



#62
Azobenzene
Concen: 41.748 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion: 77 Resp: 344962
Ion Ratio Lower Upper
77 100
182 44.7 7.4 47.4
105 23.6 0.3 40.3
51 26.1 11.6 51.6

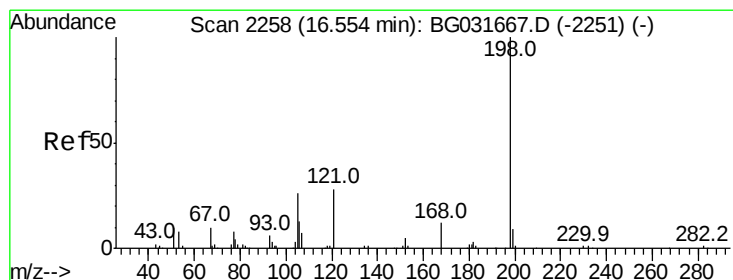
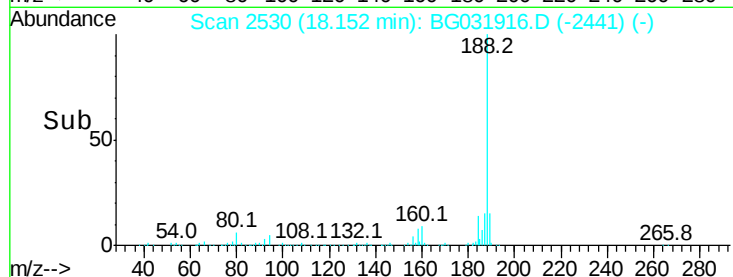
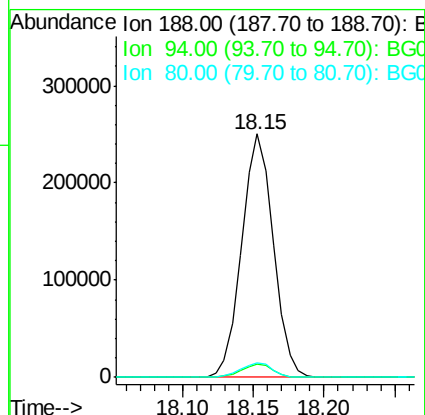
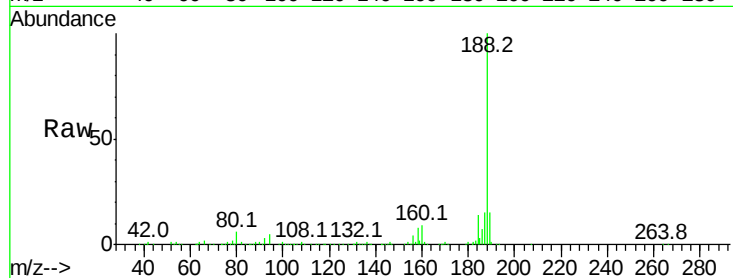




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

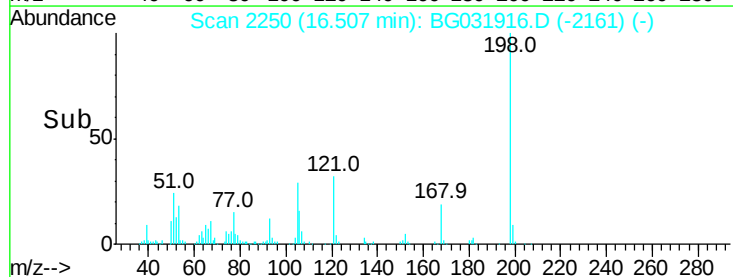
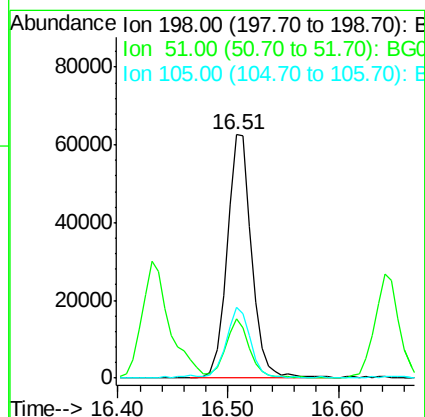
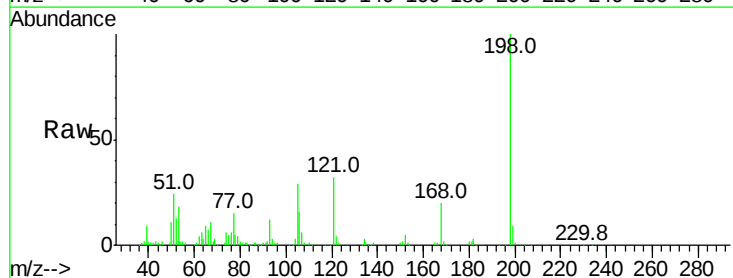
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 392905
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.437 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:198 Resp: 97380
Ion Ratio Lower Upper
198 100
51 24.3 30.6 70.6#
105 29.1 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.141 ng

RT: 16.65 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

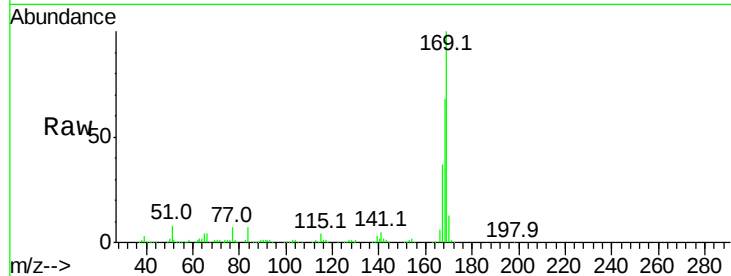
Tot Ion:169 Resp: 497716

Ion Ratio Lower Upper

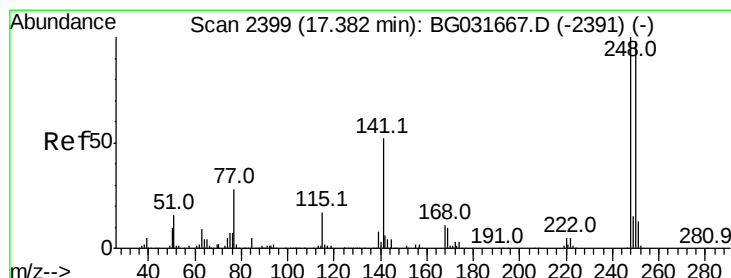
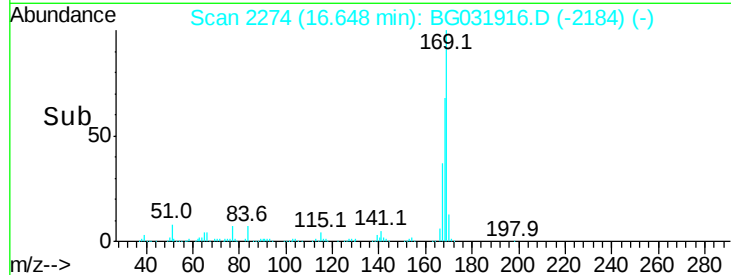
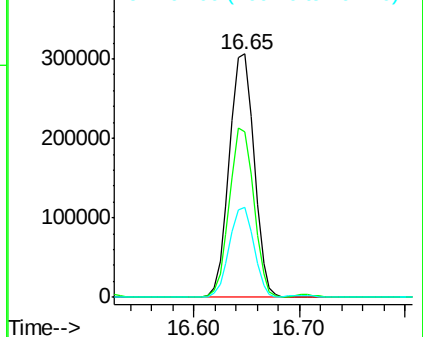
169 100

168 68.2 55.7 83.5

167 37.0 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: 40.785 ng

RT: 17.33 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

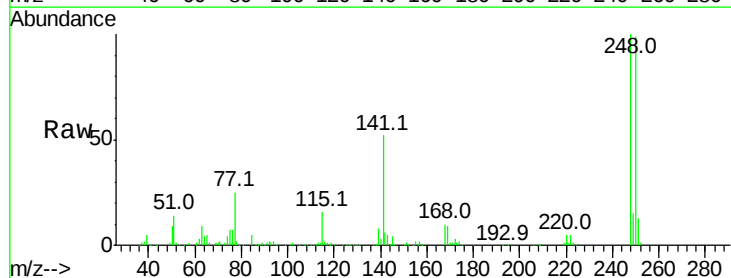
Tgt Ion:248 Resp: 231725

Ion Ratio Lower Upper

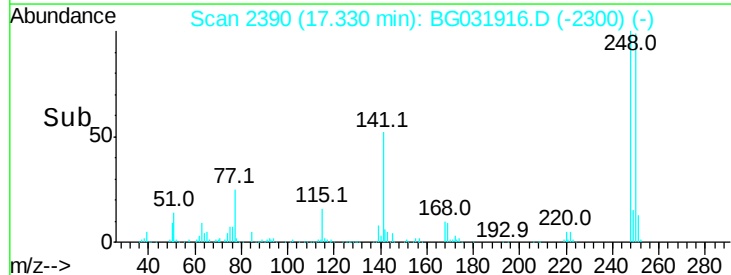
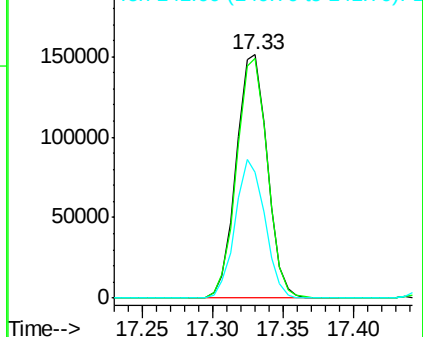
248 100

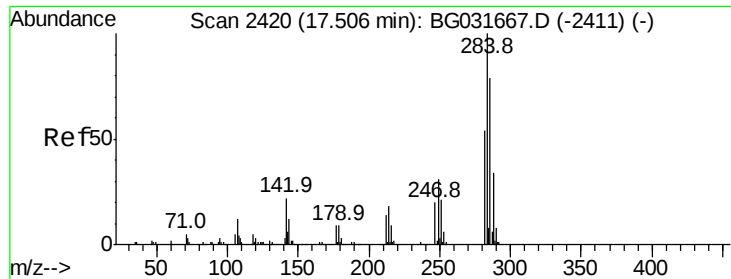
250 98.6 77.1 115.7

141 51.8 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

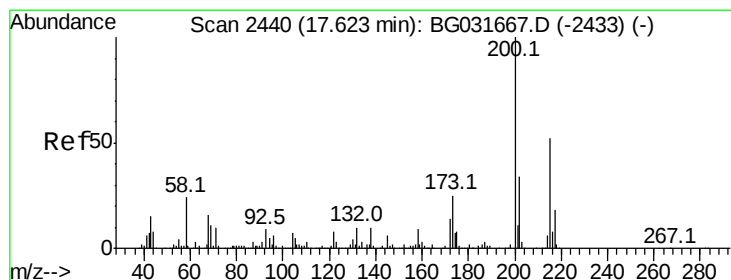
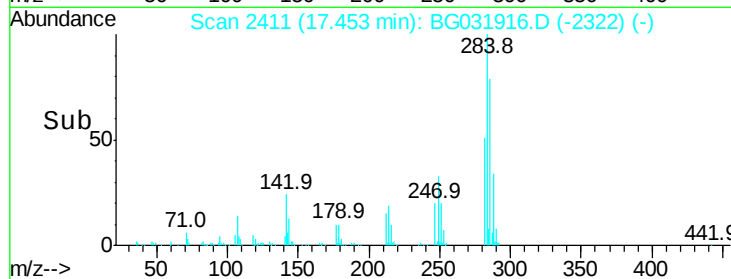
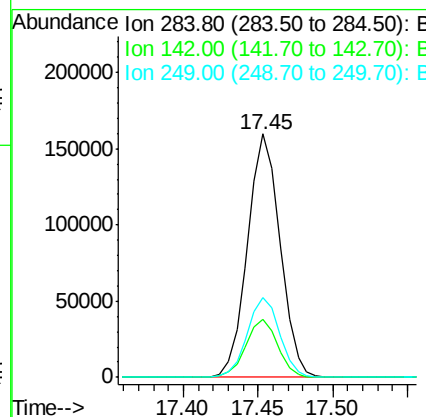
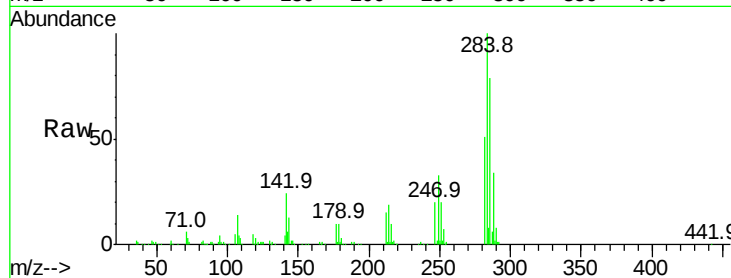




#67
Hexachlorobenzene
Concen: 41.389 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

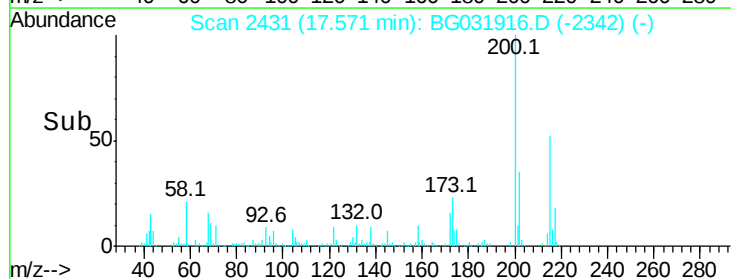
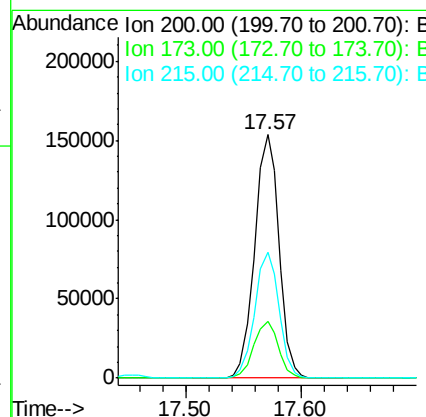
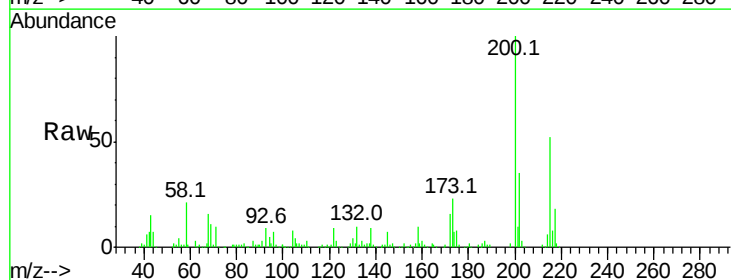
Instrument :
BNA_G
ClientSampleId :

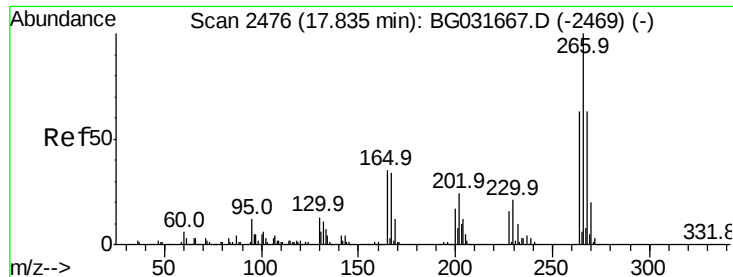
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.7	26.8	40.2#
249	33.0	26.3	39.5



#68
Atrazine
Concen: 44.475 ng
RT: 17.57 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	51.8	30.4	70.4





#69

Pentachlorophenol

Concen: 87.362 ng

RT: 17.79 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

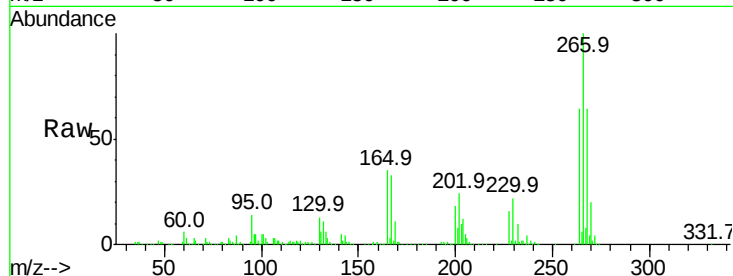
Instrument :

BNA_G

ClientSampleId :

Tot Ion:266 Resp: 349006

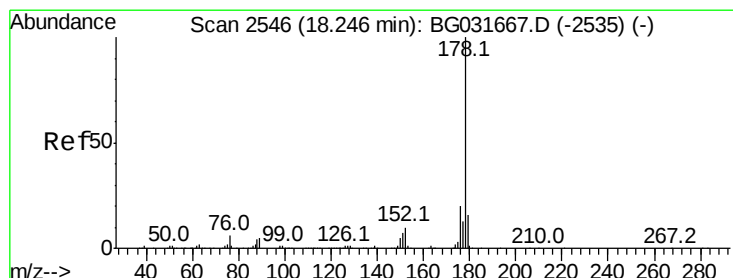
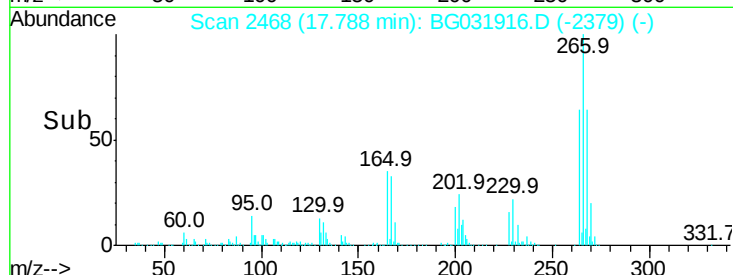
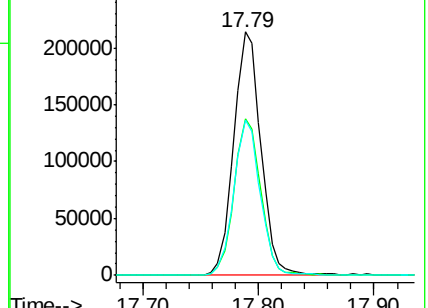
Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	63.8	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.577 ng

RT: 18.19 min Scan# 2537

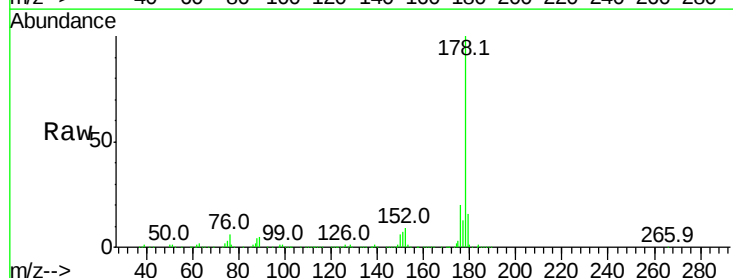
Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Tgt Ion:178 Resp: 902240

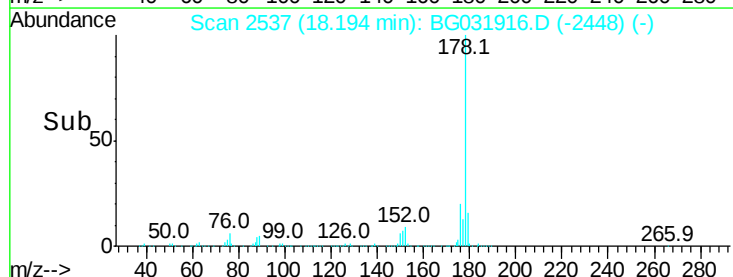
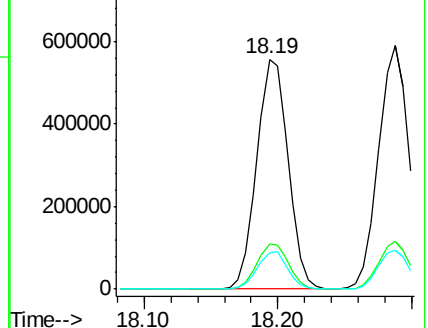
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.0	12.5	18.7

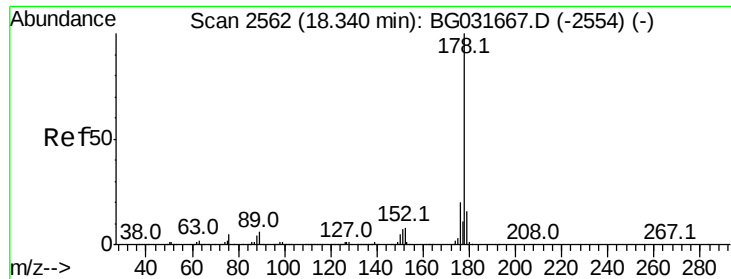


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

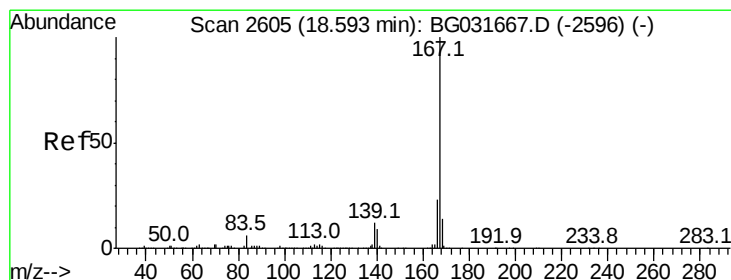
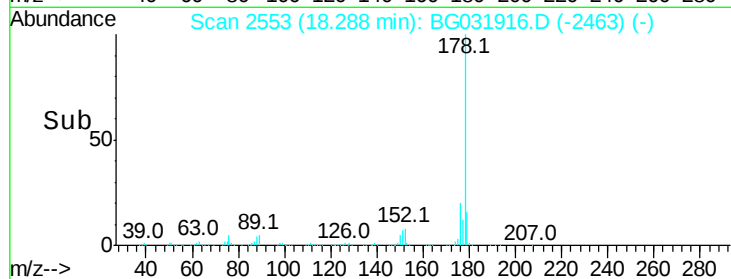
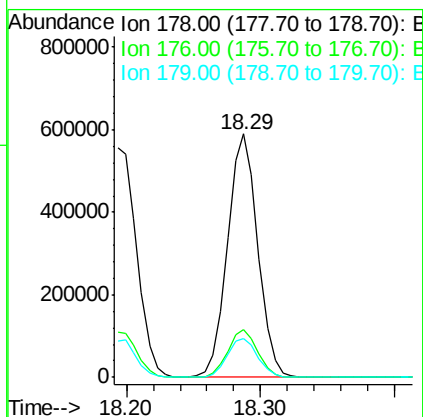
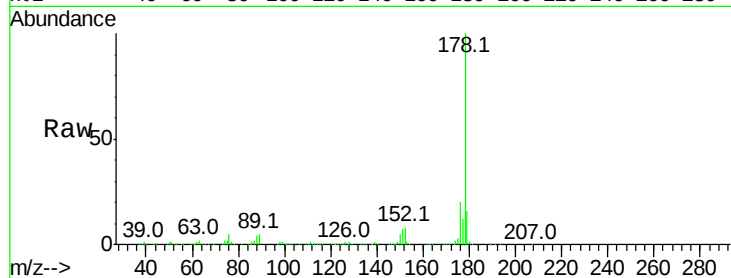




#71
 Anthracene
 Concen: 41.454 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

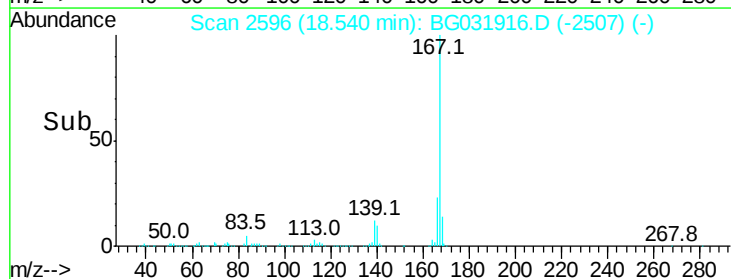
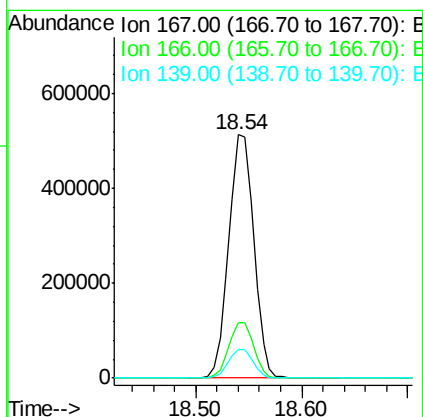
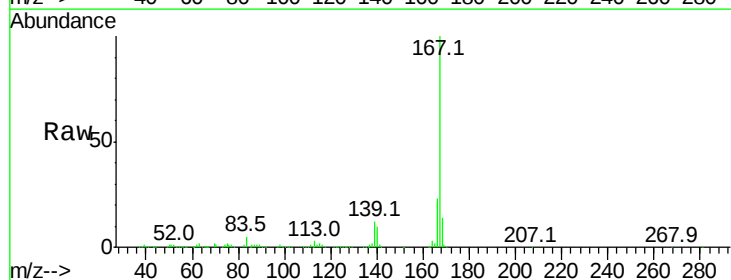
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.9	12.5	18.7



#72
 Carbazole
 Concen: 42.337 ng
 RT: 18.54 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	11.6	9.4	14.2

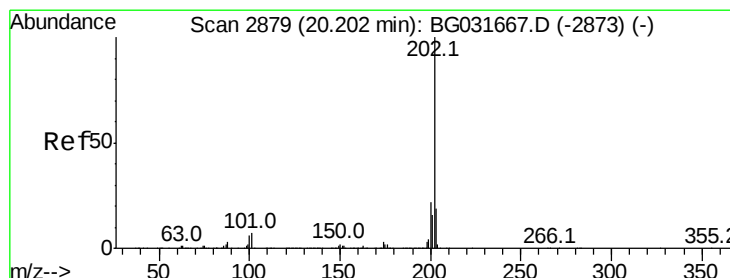
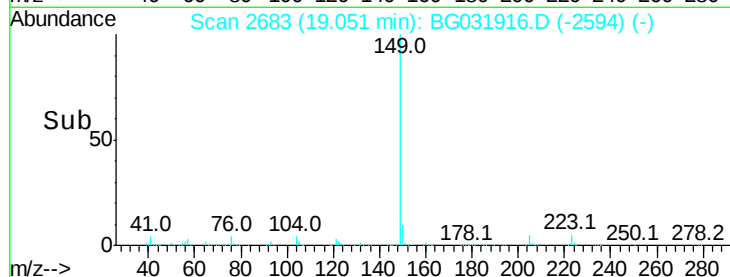
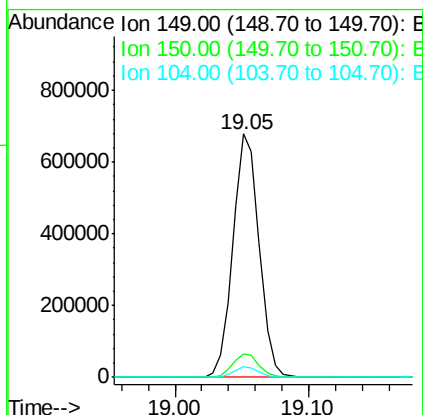
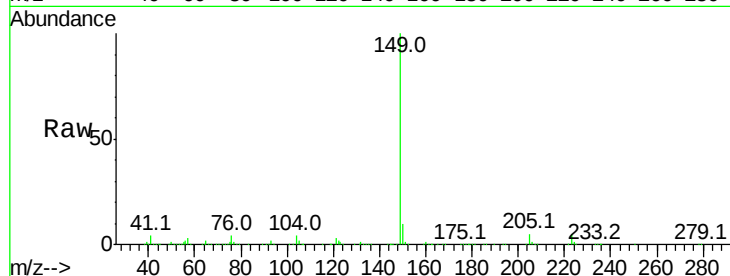




#73
Di-n-butylphthalate
Concen: 41.963 ng
RT: 19.05 min Scan# 2683
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

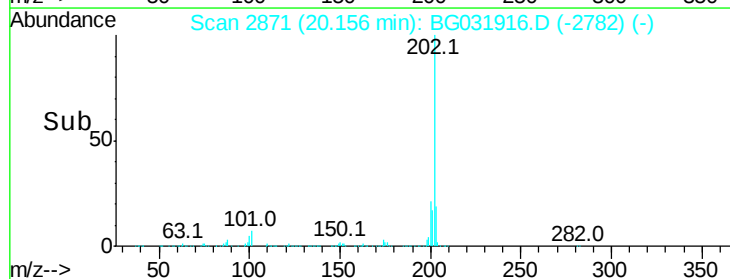
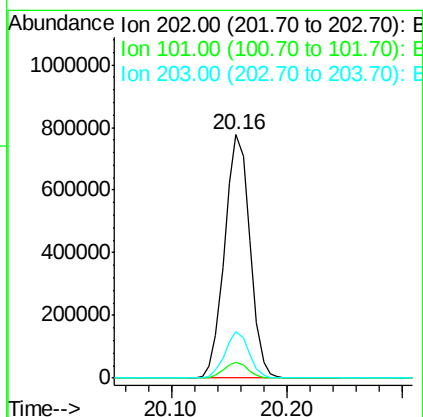
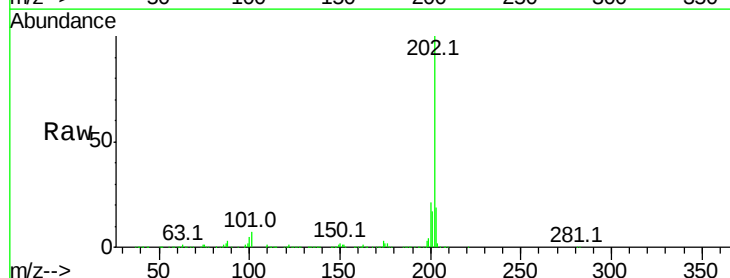
Instrument :
BNA_G
ClientSampleId :

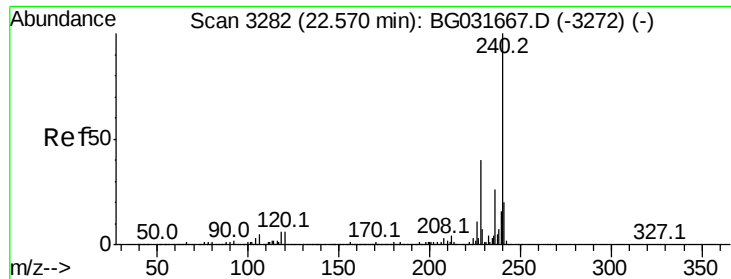
Tot Ion:149 Resp: 925803
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.3 3.9 5.9



#74
Fluoranthene
Concen: 42.937 ng
RT: 20.16 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:202 Resp: 1171465
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.9
203 19.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3270

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

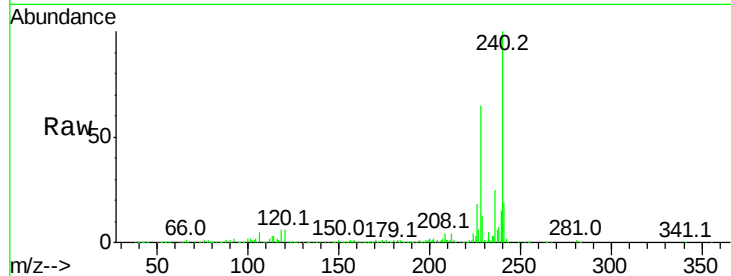
Tot Ion:240 Resp: 461349

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

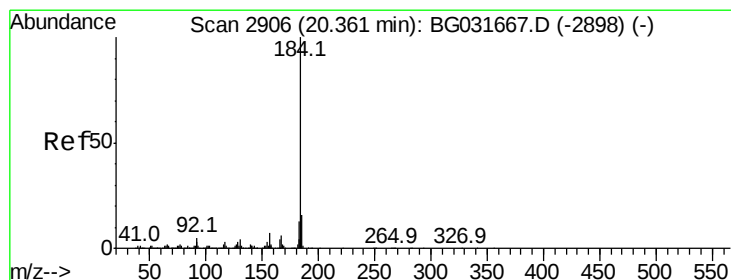
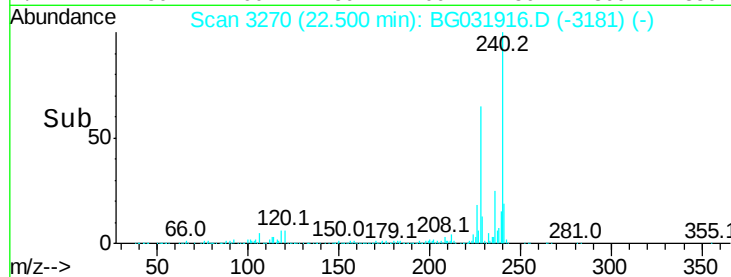
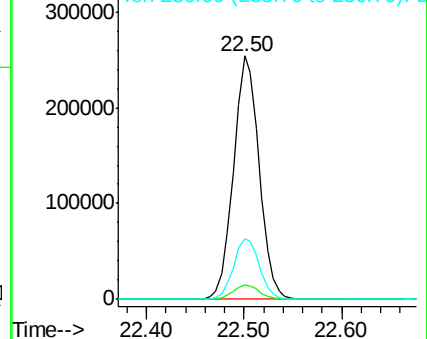
236 25.1 20.9 31.3



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: 25.863 ng

RT: 20.31 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

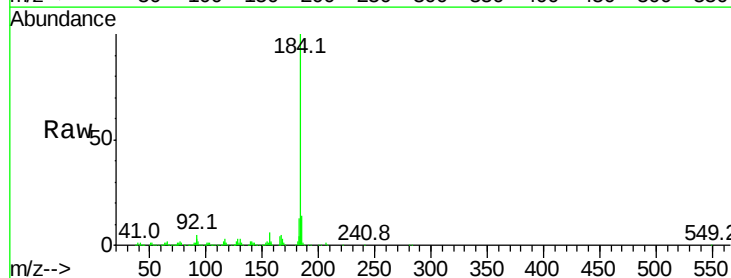
Tgt Ion:184 Resp: 368277

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

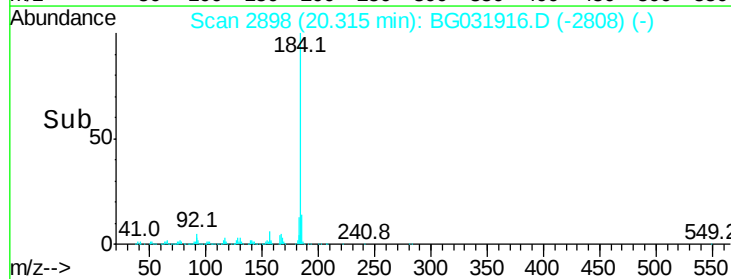
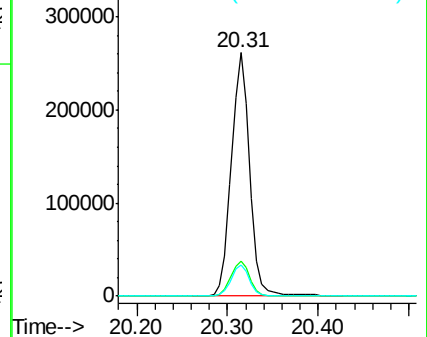
183 12.7 10.6 16.0

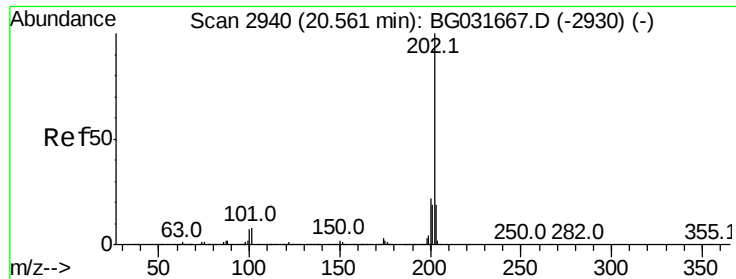


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.562 ng

RT: 20.51 min Scan# 2932

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

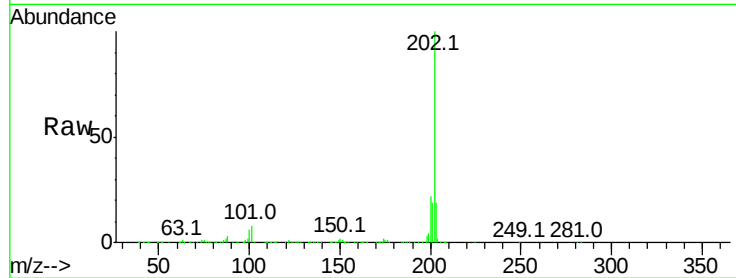
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1195353

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.8	13.9	20.9

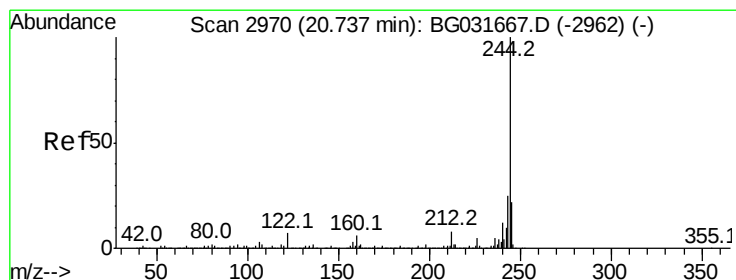
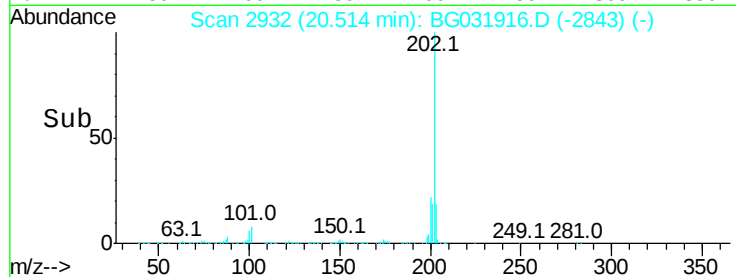
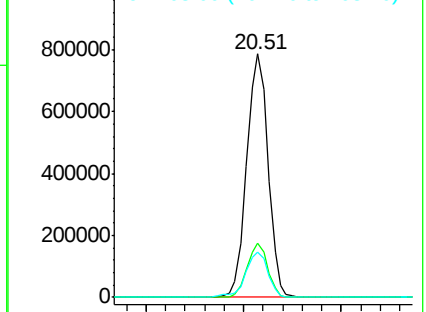


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.202 ng

RT: 20.68 min Scan# 2961

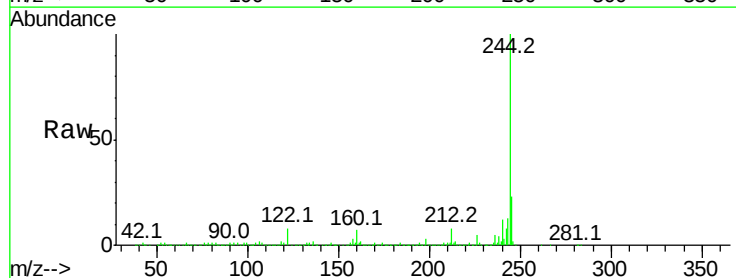
Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Tgt Ion:244 Resp: 1841689

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.5	7.0	10.4

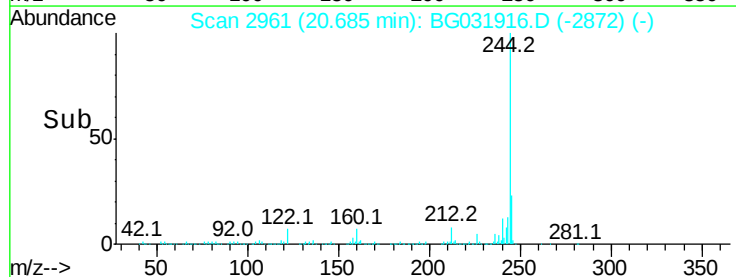
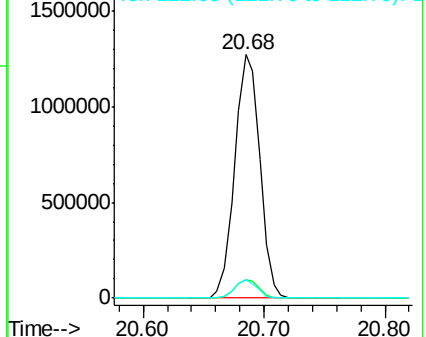


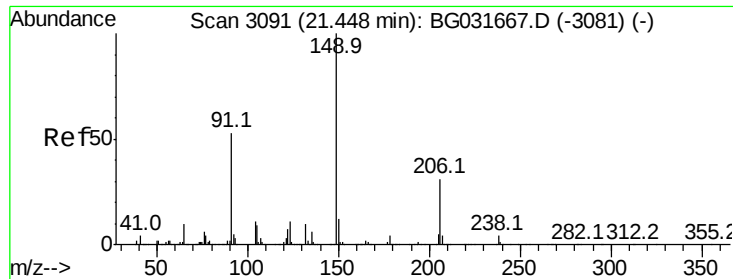
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

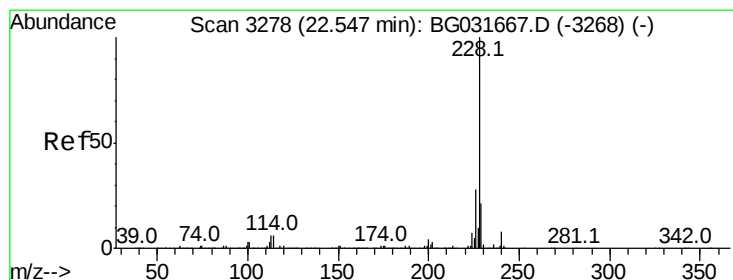
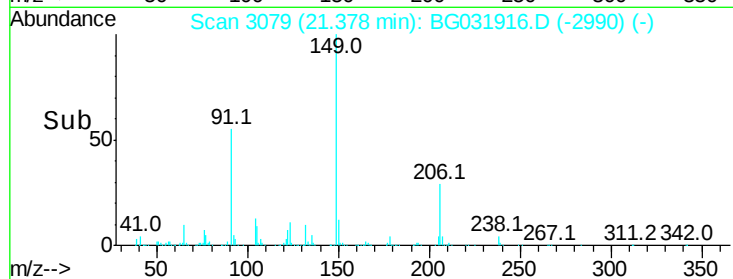
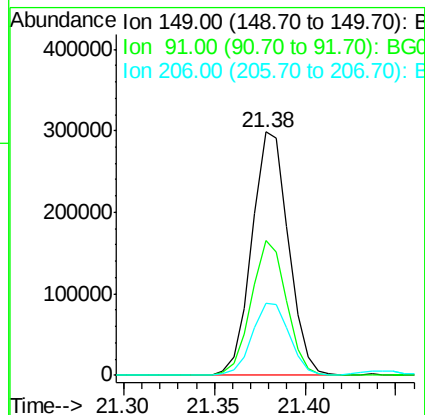
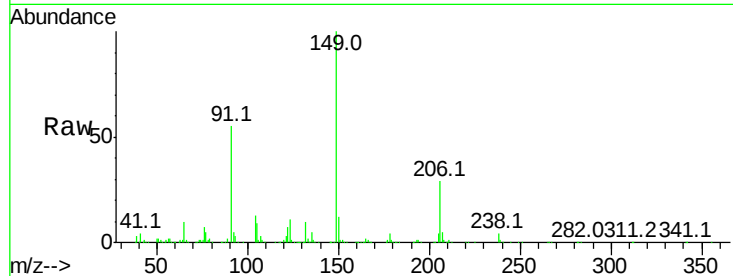




#79
Butylbenzylphthalate
Concen: 42.300 ng
RT: 21.38 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

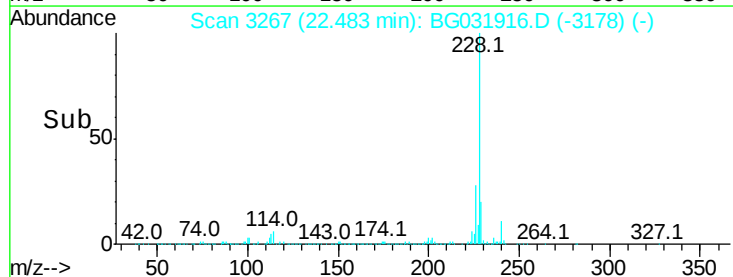
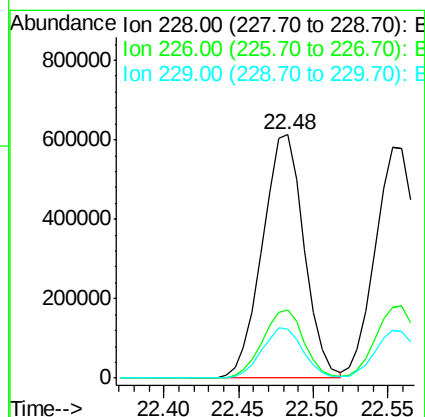
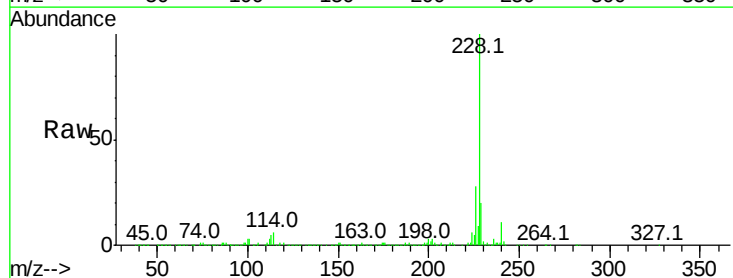
Instrument :
BNA_G
ClientSampleId :

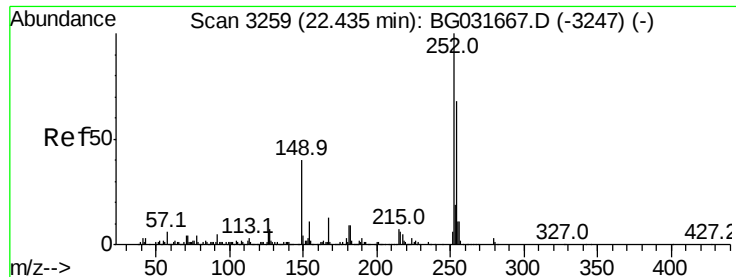
Tot Ion	Ratio	Lower	Upper
149	100		
91	55.3	62.2	93.2#
206	29.4	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 40.531 ng
RT: 22.48 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.4	16.2	24.2

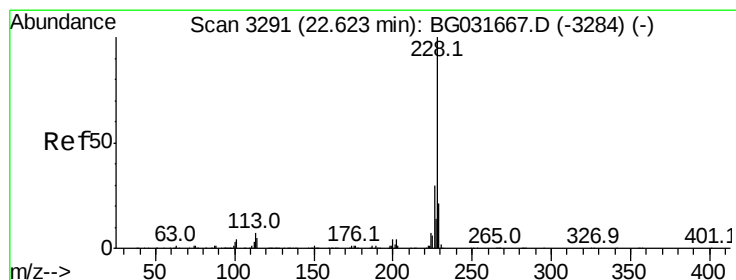
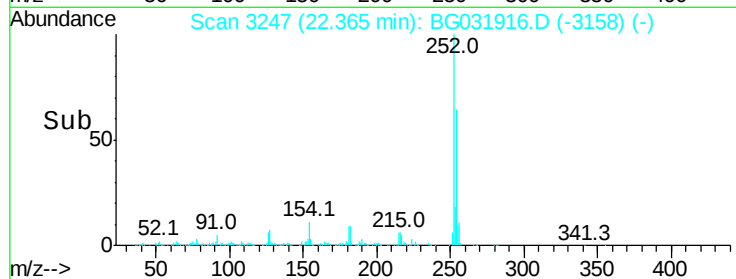
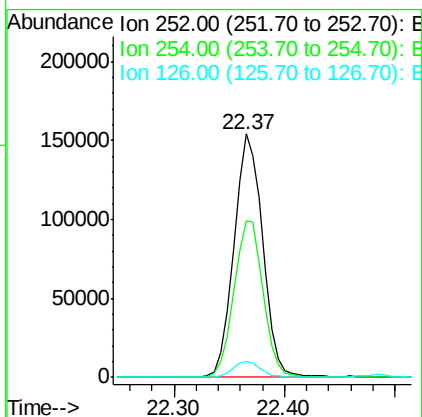
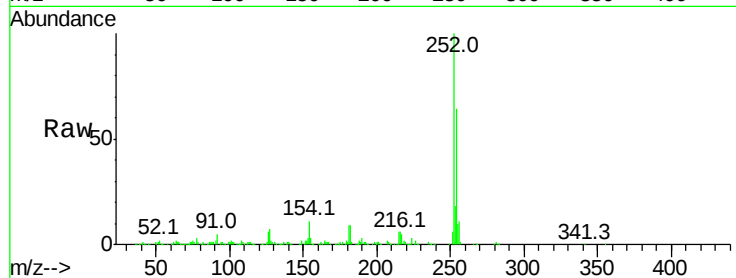




#81
 3,3'-Dichlorobenzidine
 Concen: 24.747 ng
 RT: 22.37 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

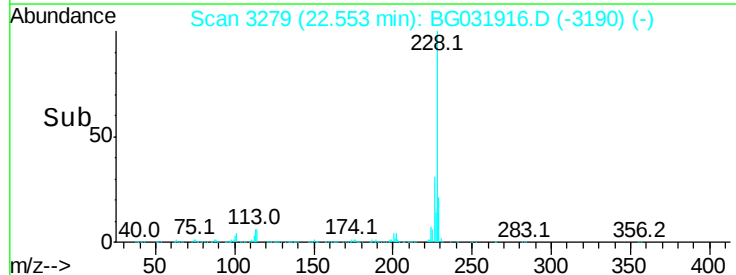
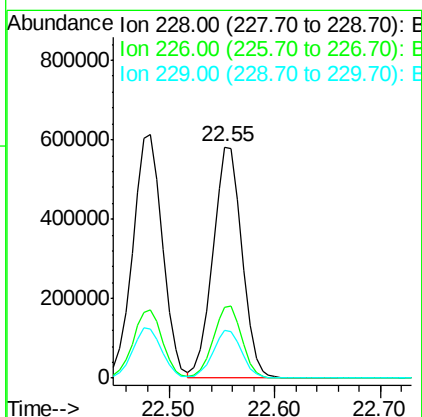
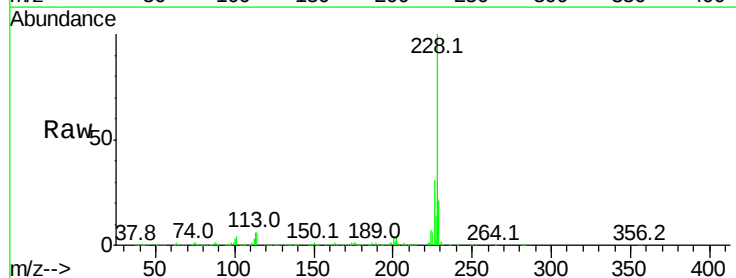
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	6.4	7.4	11.2#



#82
 Chrysene
 Concen: 40.109 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.805 ng

RT: 22.32 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

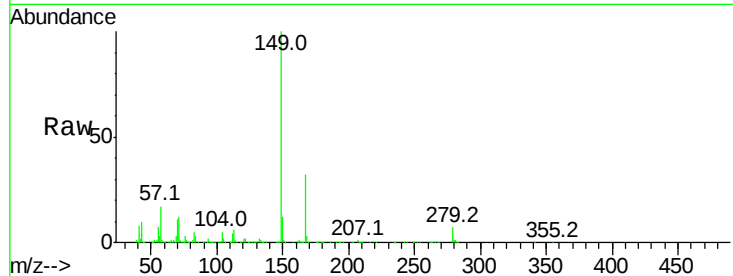
Tot Ion:149 Resp: 570509

Ion Ratio Lower Upper

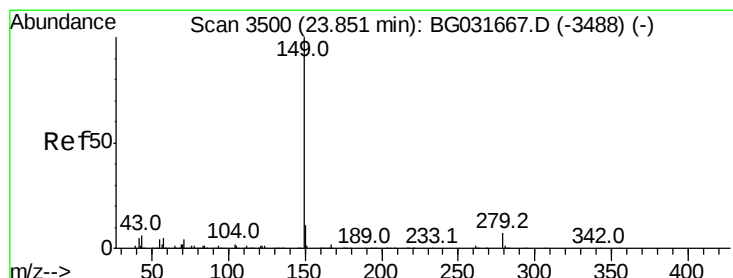
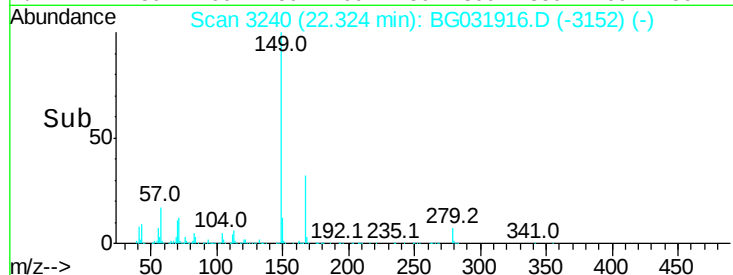
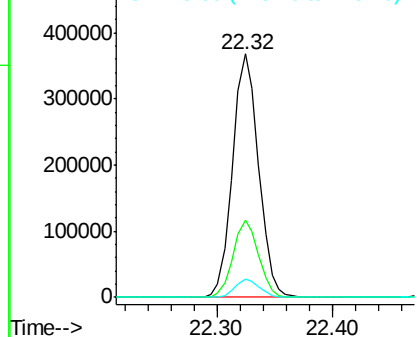
149 100

167 31.7 24.3 36.5

279 7.3 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.619 ng

RT: 23.72 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

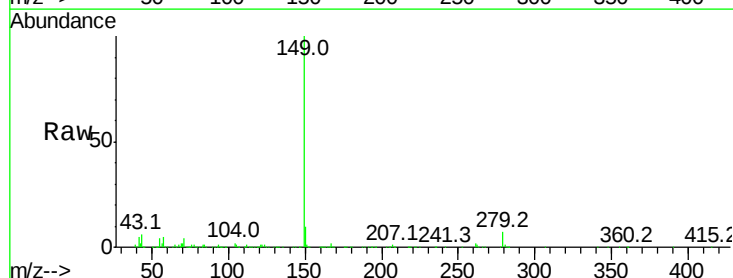
Tgt Ion:149 Resp: 956340

Ion Ratio Lower Upper

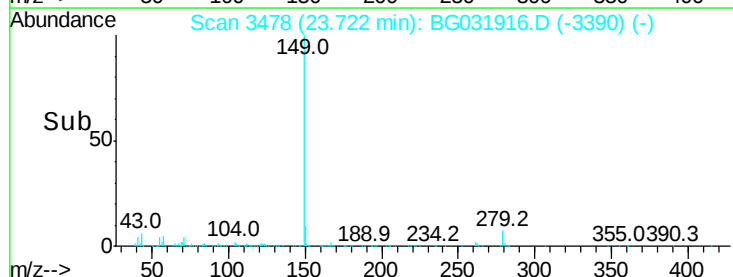
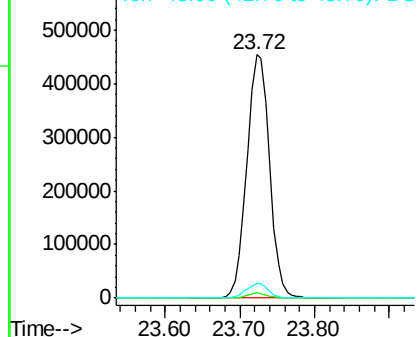
149 100

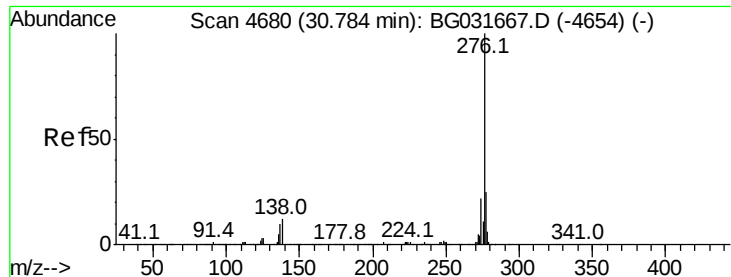
167 1.9 1.4 2.0

43 5.7 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

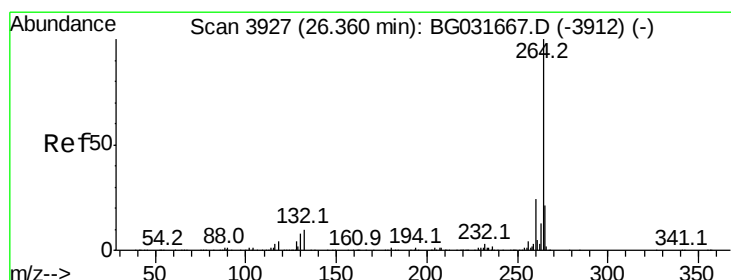
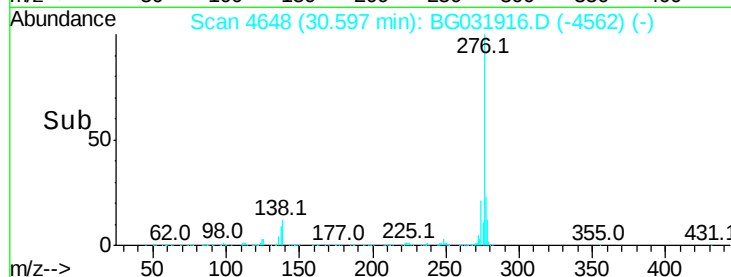
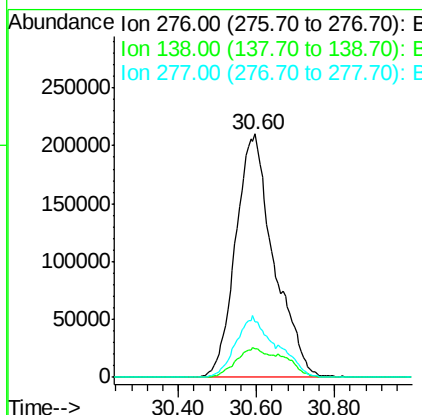
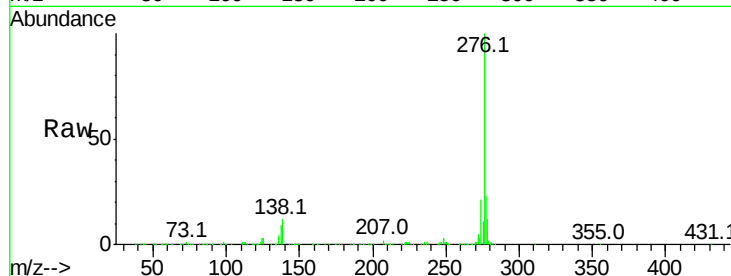




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.126 ng
RT: 30.60 min Scan# 4648
Delta R.T. -0.02 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

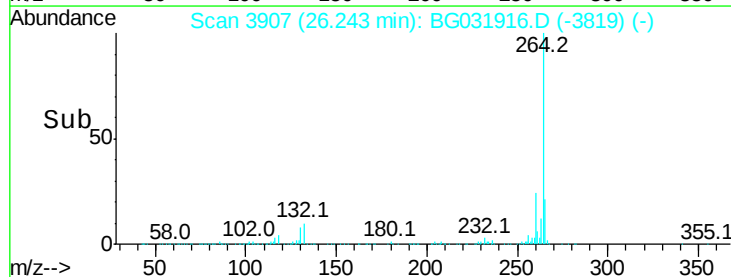
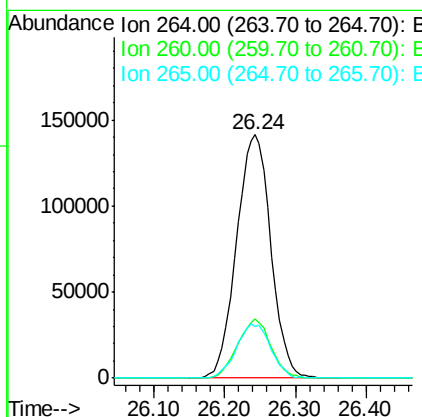
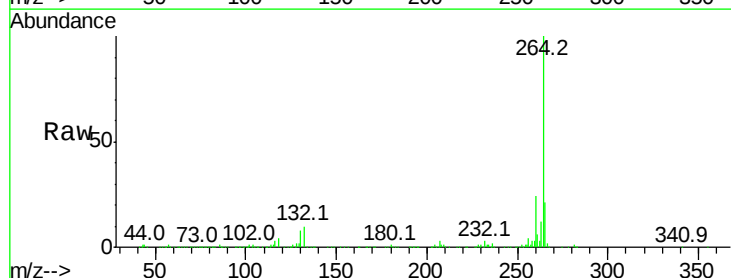
Instrument :
BNA_G
ClientSampleId :

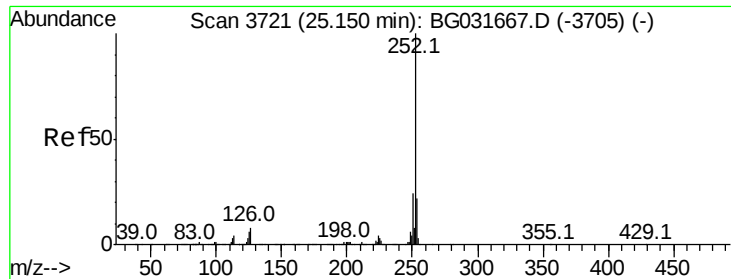
Tot Ion:276 Resp: 1429384
Ion Ratio Lower Upper
276 100
138 9.9 16.0 24.0#
277 26.6 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.24 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BG031916.D
Acq: 4 Jan 2018 15:35

Tgt Ion:264 Resp: 475849
Ion Ratio Lower Upper
264 100
260 24.4 17.4 26.0
265 21.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.959 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Instrument :

BNA_G

ClientSampleId :

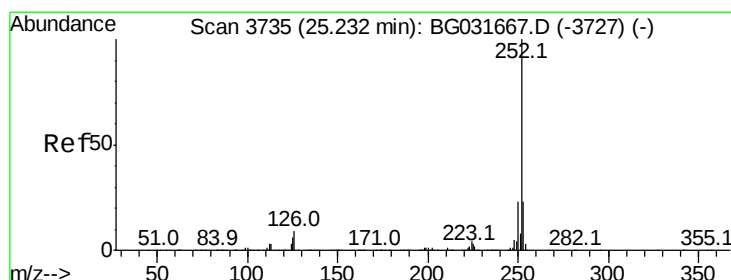
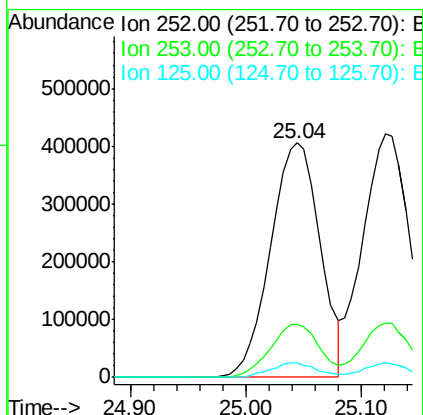
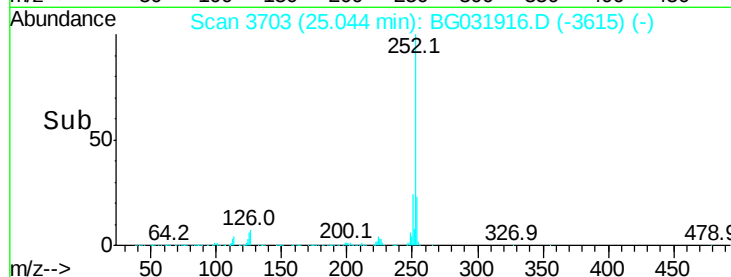
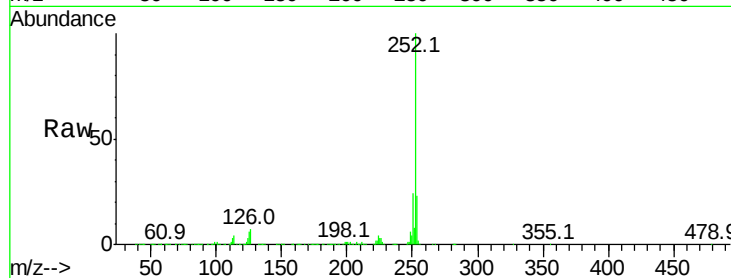
Tot Ion:252 Resp: 1209838

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 5.9 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 40.574 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

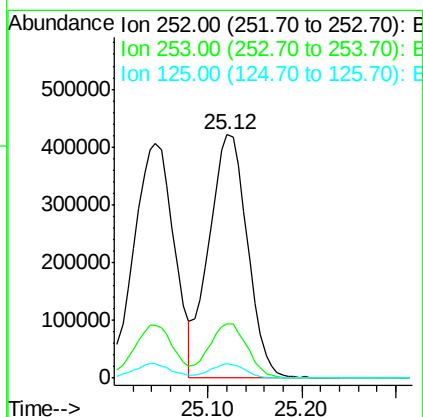
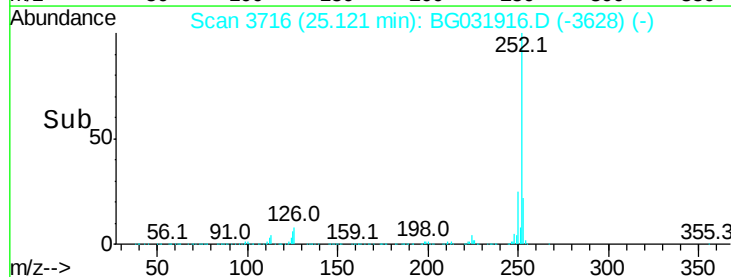
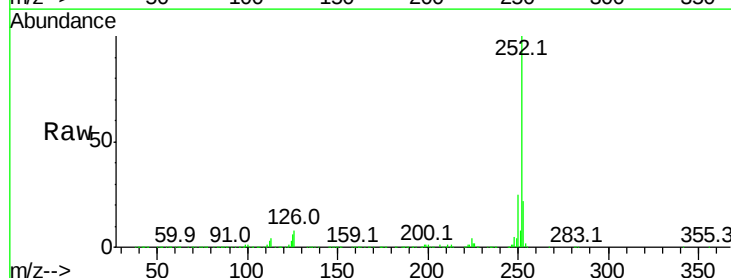
Tgt Ion:252 Resp: 1199390

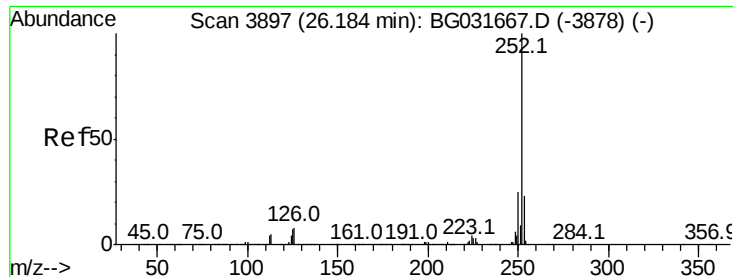
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.0 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 41.995 ng

RT: 26.07 min Scan# 3877

Delta R.T. -0.01 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

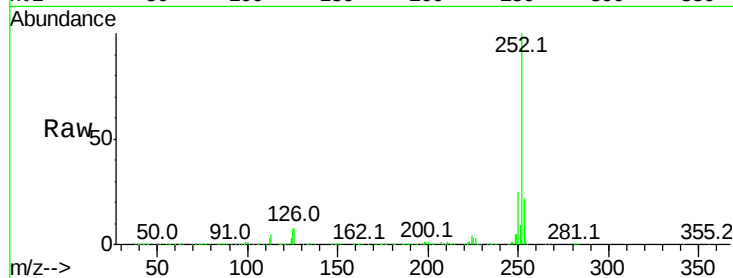
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1188010

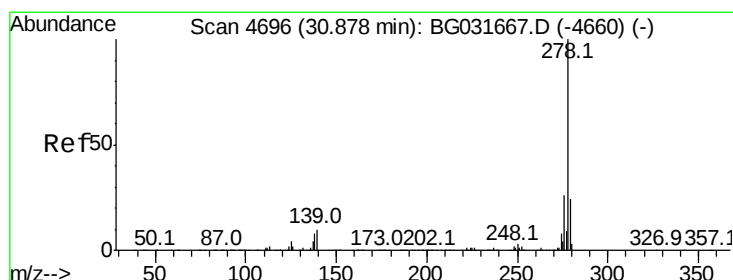
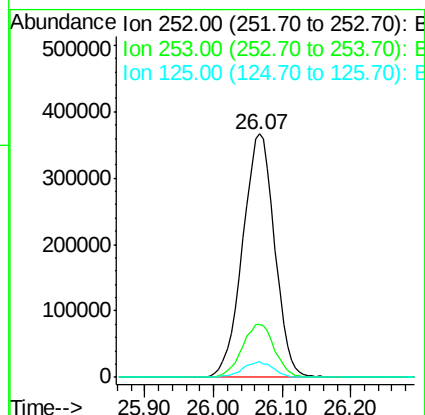
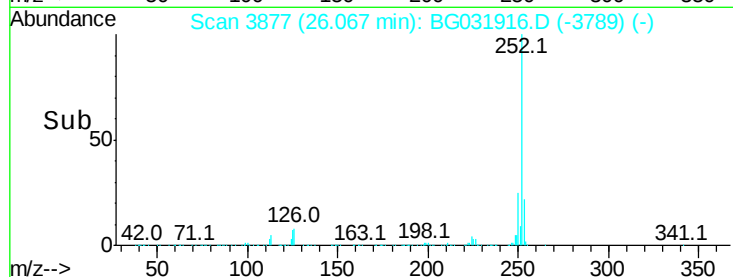
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	6.7	7.3	10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.649 ng

RT: 30.67 min Scan# 4660

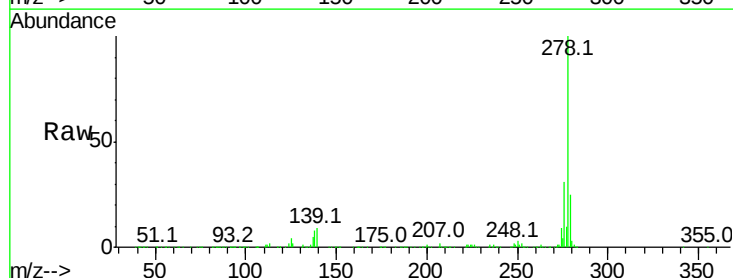
Delta R.T. -0.04 min

Lab File: BG031916.D

Acq: 4 Jan 2018 15:35

Tgt Ion:278 Resp: 1187620

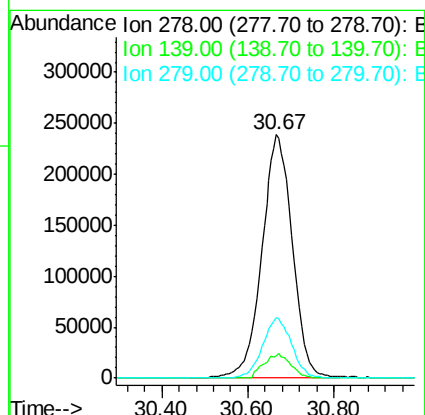
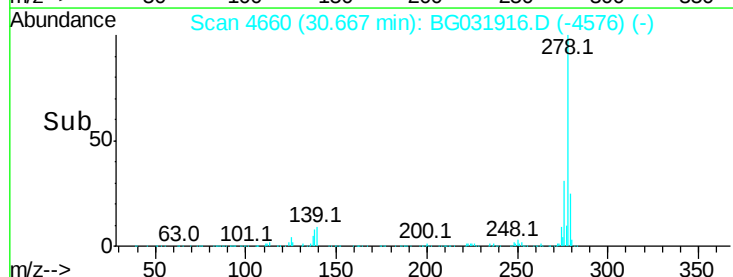
Ion	Ratio	Lower	Upper
278	100		
139	9.3	9.8	14.6
279	25.0	18.4	27.6

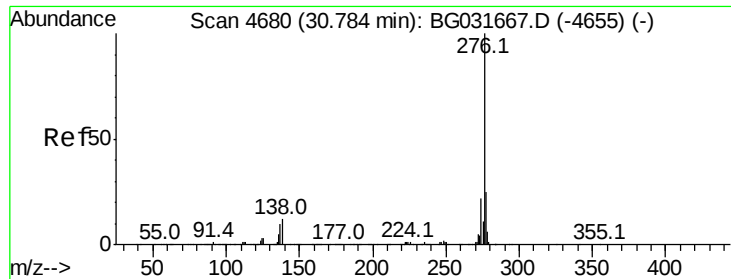


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.438 ng
 RT: 30.60 min Scan# 4648
 Delta R.T. -0.02 min
 Lab File: BG031916.D
 Acq: 4 Jan 2018 15:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1429384
 Ion Ratio Lower Upper
 276 100
 277 22.8 18.3 27.5
 138 11.7 13.9 20.9#

