

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031914.D
 Acq On : 4 Jan 2018 14:19
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:08:31 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	47184	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	209305	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	141903	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	364129	20.00	ng	0.00
75) Chrysene-d12	22.50	240	415926	20.00	ng	0.00
86) Perylene-d12	26.24	264	433367	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	202874	78.31	ng	0.00
7) Phenol-d6	7.89	99	278361	82.76	ng	0.00
23) Nitrobenzene-d5	9.99	82	245301	88.50	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	205174	94.76	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	880300	77.86	ng	0.00
78) Terphenyl-d14	20.69	244	1420042	78.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	36159	37.654	ng	# 71
3) Pyridine	4.32	79	110132	42.905	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	43520	42.016	ng	# 73
6) Aniline	8.08	93	172296	39.816	ng	93
8) 2-Chlorophenol	8.33	128	119631	39.811	ng	84
9) Benzaldehyde	7.89	77	74263	36.669	ng	# 81
10) Phenol	7.92	94	135482	39.898	ng	89
11) bis(2-Chloroethyl)ether	8.17	93	105230	37.314	ng	# 80
12) 1,3-Dichlorobenzene	8.67	146	142625	38.220	ng	# 91
13) 1,4-Dichlorobenzene	8.82	146	149694	39.269	ng	92
14) 1,2-Dichlorobenzene	9.16	146	142054	39.328	ng	95
15) Benzyl Alcohol	9.02	79	105201	41.666	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.32	45	82374	35.868	ng	80
17) 2-Methylphenol	9.22	107	100260	41.265	ng	97
18) Hexachloroethane	9.92	117	44882	38.875	ng	# 85
19) n-Nitroso-di-n-propylamine	9.60	70	91113	39.666	ng	# 81
20) 3+4-Methylphenols	9.56	107	141370	40.939	ng	94
22) Acetophenone	9.63	105	187080	38.472	ng	# 86
24) Nitrobenzene	10.03	77	120919	42.328	ng	# 84
25) Isophorone	10.56	82	233489	39.131	ng	# 84
26) 2-Nitrophenol	10.76	139	78206	52.213	ng	# 86
27) 2,4-Dimethylphenol	10.79	122	122744	38.943	ng	90
28) bis(2-Chloroethoxy)methane	11.03	93	148800	37.165	ng	# 94
29) 2,4-Dichlorophenol	11.30	162	149188	40.319	ng	93
30) 1,2,4-Trichlorobenzene	11.53	180	171619	37.987	ng	95
31) Naphthalene	11.73	128	409853	38.800	ng	99
32) Benzoic acid	10.90	122	105211	48.818	ng	# 79
33) 4-Chloroaniline	11.81	127	184136	39.154	ng	# 91
34) Hexachlorobutadiene	11.99	225	120067	38.711	ng	95
35) Caprolactam	12.57	113	50425	44.959	ng	# 46
36) 4-Chloro-3-methylphenol	12.88	107	143034	41.856	ng	# 85
37) 2-Methylnaphthalene	13.28	142	333057	38.894	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	236934	39.640	ng	# 95
40) Hexachlorocyclopentadiene	13.61	237	135724	43.044	ng	86

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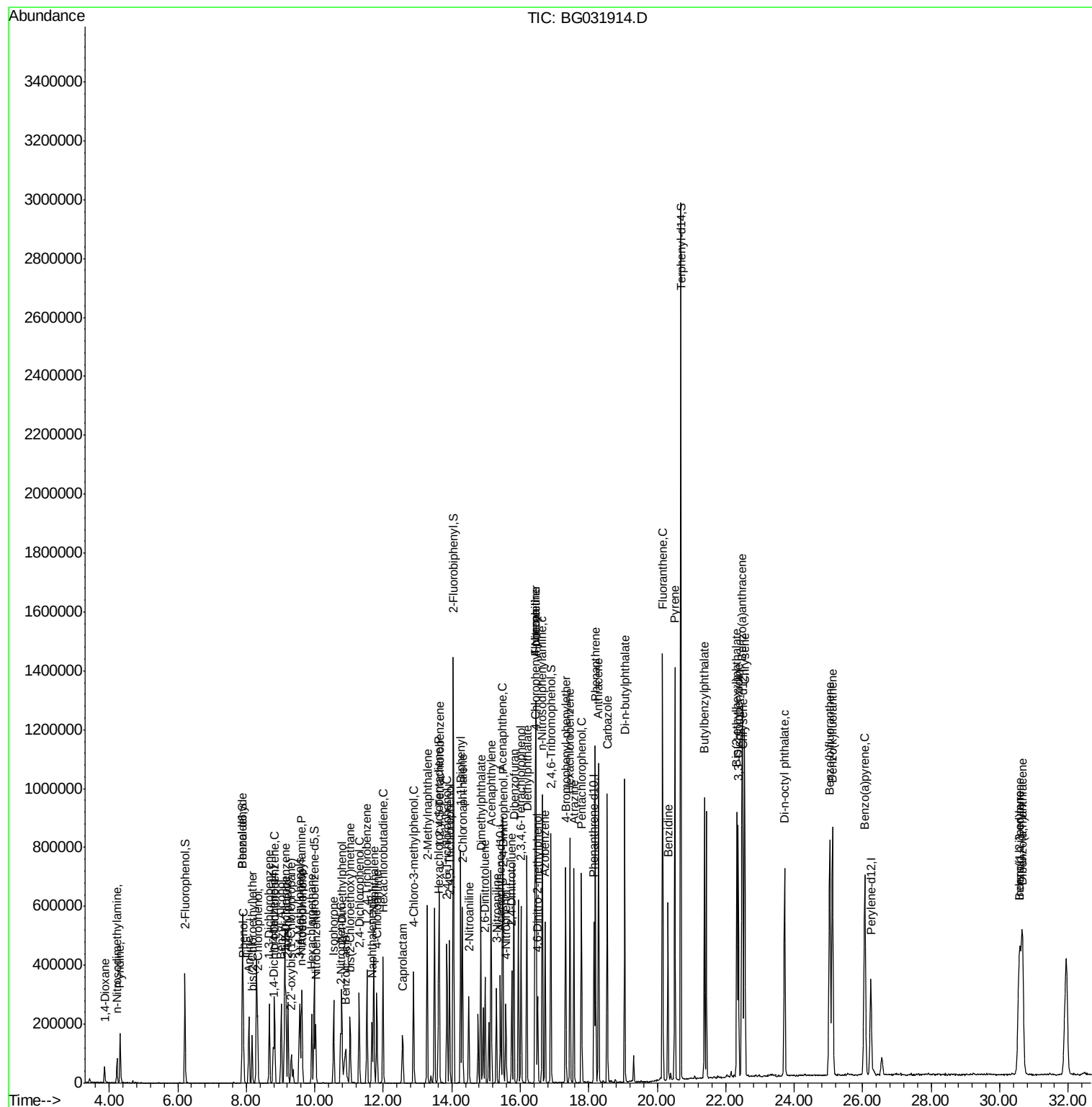
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	148231	43.014	nq	96
43) 2,4,5-Trichlorophenol	13.93	196	163797	42.890	nq #	90
45) 1,1'-Biphenyl	14.26	154	478788	39.504	nq	96
46) 2-Chloronaphthalene	14.31	162	364393	39.417	nq	96
47) 2-Nitroaniline	14.50	65	83436	52.258	nq #	62
48) Acenaphthylene	15.15	152	593717	40.144	nq	99
49) Dimethylphthalate	14.85	163	507498	40.596	nq	100
50) 2,6-Dinitrotoluene	14.97	165	110631	48.106	nq #	66
51) Acenaphthene	15.49	154	402317	41.536	nq	98
52) 3-Nitroaniline	15.30	138	107628	47.969	nq #	73
53) 2,4-Dinitrophenol	15.50	184	53761	57.411	nq #	40
54) Dibenzofuran	15.81	168	596489	40.174	nq	97
55) 4-Nitrophenol	15.58	139	88926	48.696	nq #	73
56) 2,4-Dinitrotoluene	15.75	165	158155	53.483	nq #	63
57) Fluorene	16.45	166	483624	40.095	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	164494	44.147	nq #	84
59) Diethylphthalate	16.19	149	492376	40.410	nq	97
60) 4-Chlorophenyl-phenylether	16.44	204	295531	40.044	nq	91
61) 4-Nitroaniline	16.46	138	113120	51.665	nq	82
62) Azobenzene	16.73	77	312224	39.957	nq	84
64) 4,6-Dinitro-2-methylphenol	16.51	198	101612	55.742	nq #	67
65) n-Nitrosodiphenylamine	16.64	169	467030	38.618	nq	99
66) 4-Bromophenyl-phenylether	17.32	248	207090	39.329	nq	95
67) Hexachlorobenzene	17.45	284	218139	40.526	nq #	88
68) Atrazine	17.57	200	189702	40.341	nq	98
69) Pentachlorophenol	17.79	266	169606	45.810	nq	97
70) Phenanthrene	18.19	178	797656	38.708	nq	99
71) Anthracene	18.29	178	811527	39.040	nq	99
72) Carbazole	18.54	167	735316	39.966	nq	99
73) Di-n-butylphthalate	19.05	149	825830	40.389	nq	99
74) Fluoranthene	20.16	202	1003696	39.696	nq	96
76) Benzidine	20.32	184	405694	31.602	nq	98
77) Pyrene	20.51	202	1021049	38.431	nq	98
79) Butylbenzylphthalate	21.38	149	372733	41.792	nq #	74
80) Benzo(a)anthracene	22.48	228	1024601	38.726	nq	99
81) 3,3'-Dichlorobenzidine	22.37	252	403227	39.308	nq	97
82) Chrysene	22.55	228	960590	38.373	nq	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	507951	39.311	nq #	98
84) Di-n-octyl phthalate	23.72	149	837752	38.497	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.59	276	1208824	37.640	nq #	90
87) Benzo(b)fluoranthene	25.03	252	1047056	38.923	nq #	96
88) Benzo(k)fluoranthene	25.12	252	1039623	38.617	nq #	97
89) Benzo(a)pyrene	26.06	252	988288	38.360	nq #	96
90) Dibenzo(a,h)anthracene	30.66	278	1019854	38.328	nq #	95
91) Benzo(g,h,i)perylene	30.59	276	1208824	38.479	nq #	92

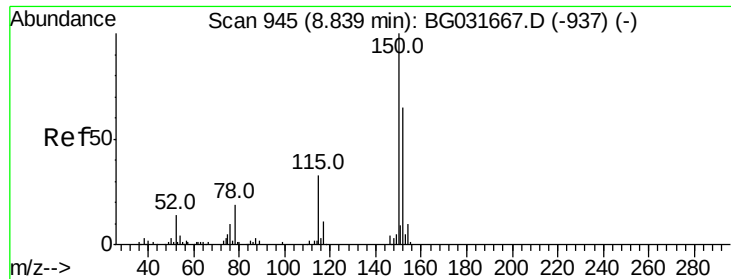
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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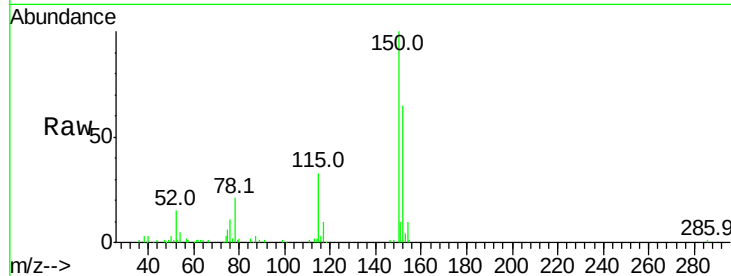


#1

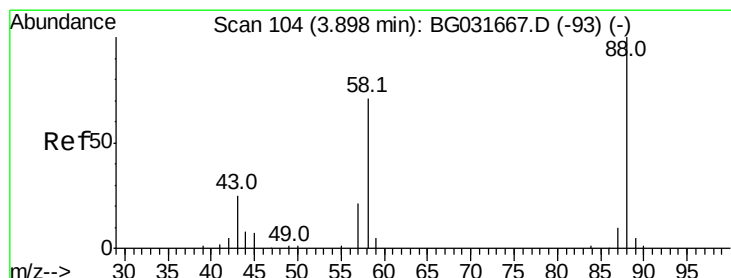
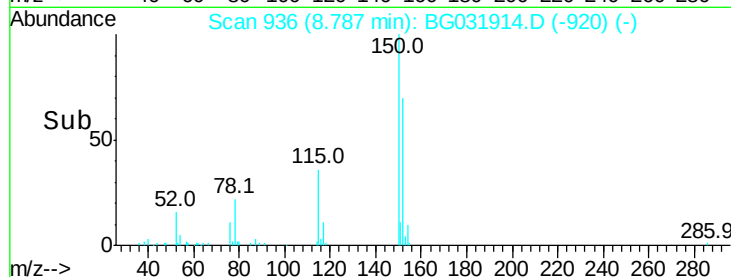
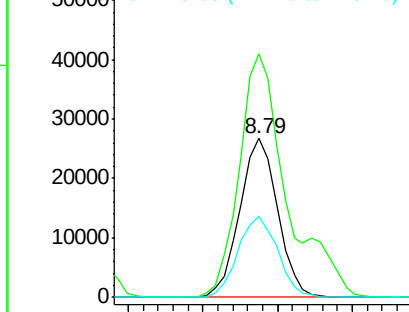
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47184
Ion Ratio Lower Upper
152 100
150 153.3 126.6 189.8
115 50.9 53.0 79.4#



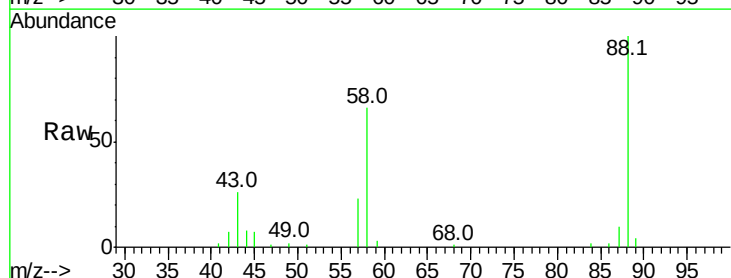
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



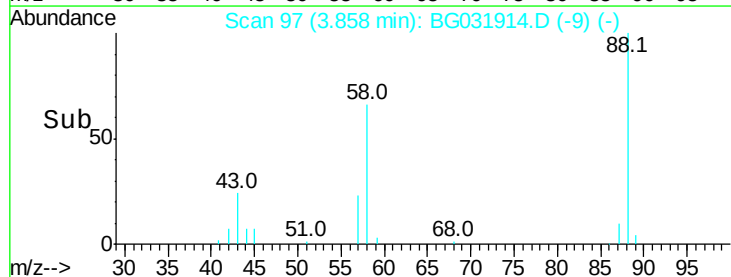
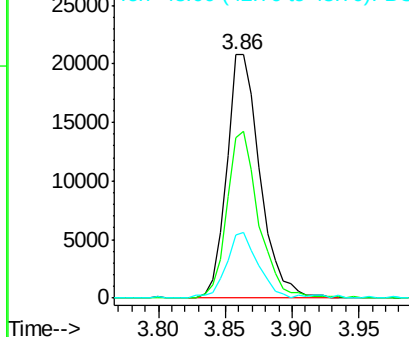
#2

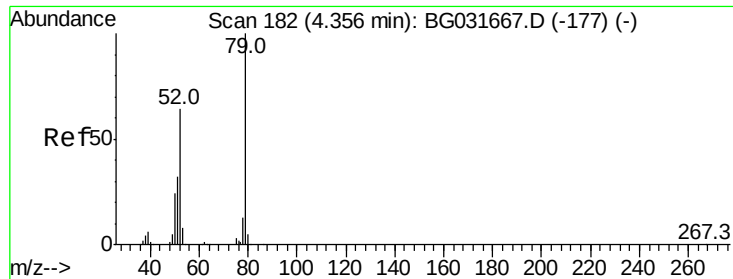
1,4-Dioxane
Concen: 37.654 ng
RT: 3.86 min Scan# 97
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion: 88 Resp: 36159
Ion Ratio Lower Upper
88 100
58 65.8 79.6 119.4#
43 25.4 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: 42.905 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

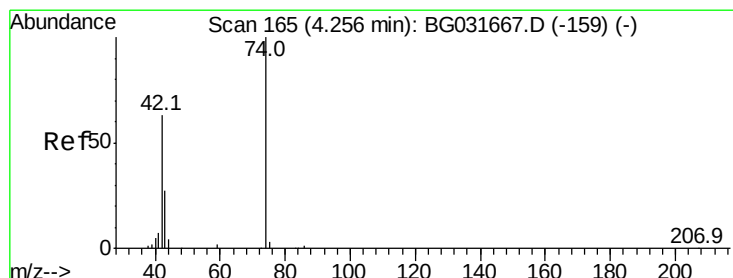
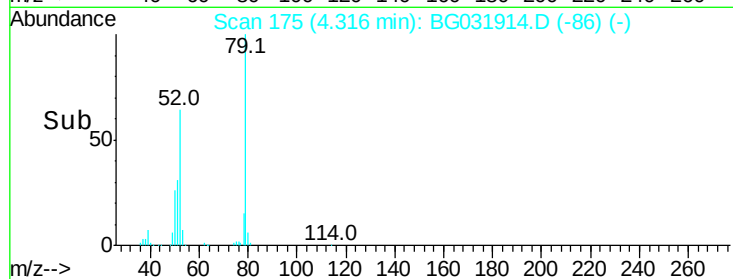
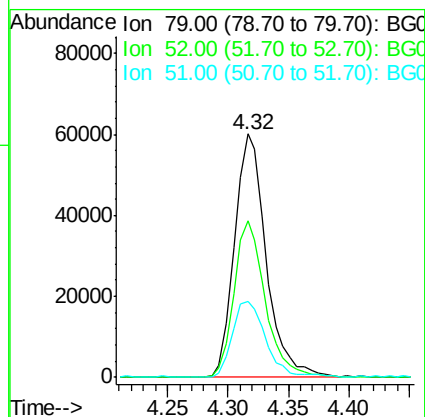
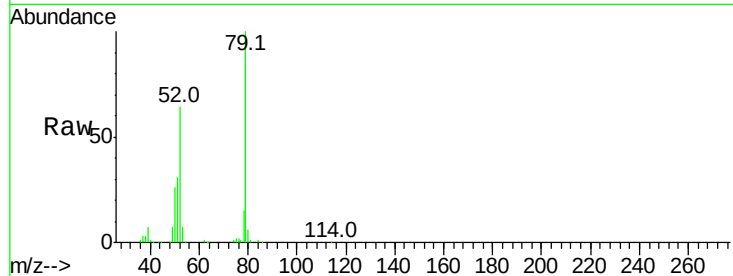
Tot Ion: 79 Resp: 110132

Ion Ratio Lower Upper

79 100

52 64.2 69.9 104.9#

51 31.1 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 42.016 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

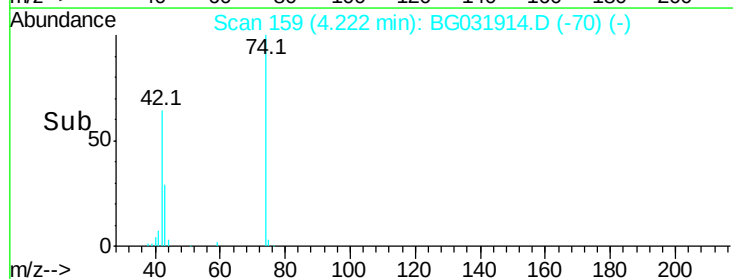
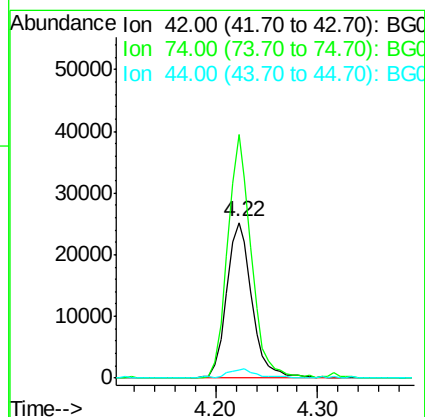
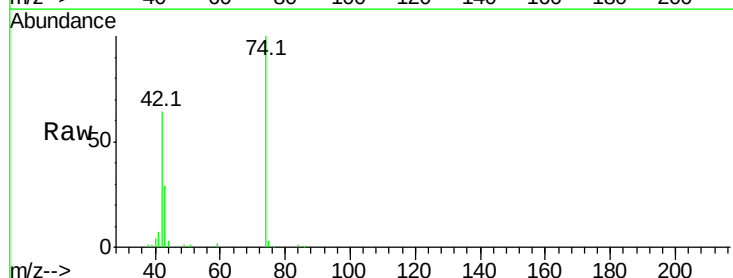
Tgt Ion: 42 Resp: 43520

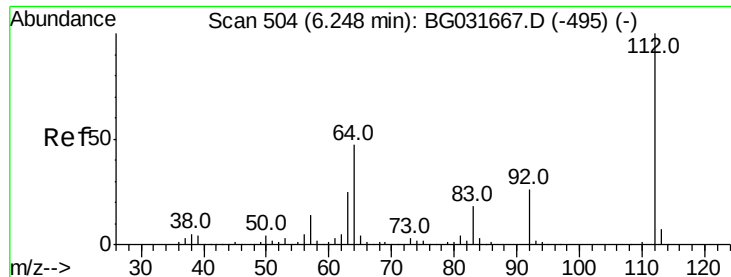
Ion Ratio Lower Upper

42 100

74 156.4 102.5 153.7#

44 4.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 78.313 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

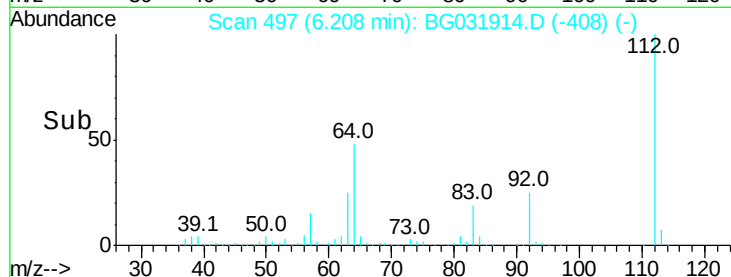
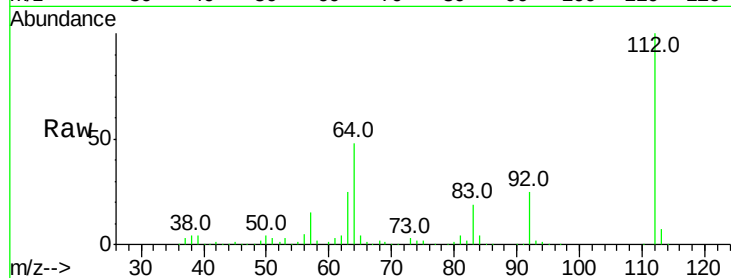
Tot Ion:112 Resp: 202874

Ion Ratio Lower Upper

112 100

64 48.4 56.3 84.5#

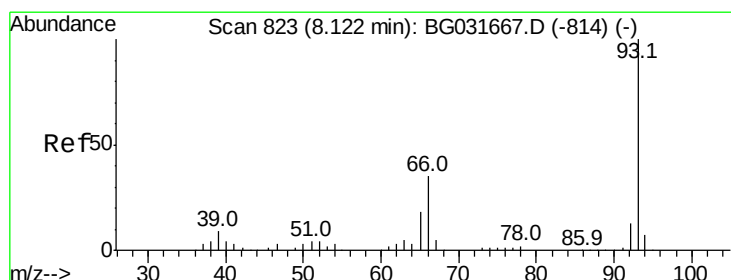
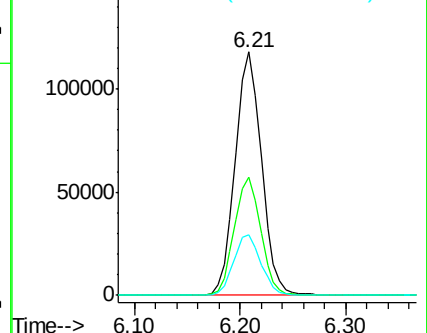
63 25.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.816 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

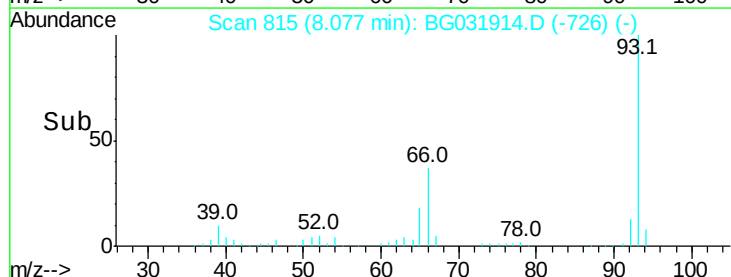
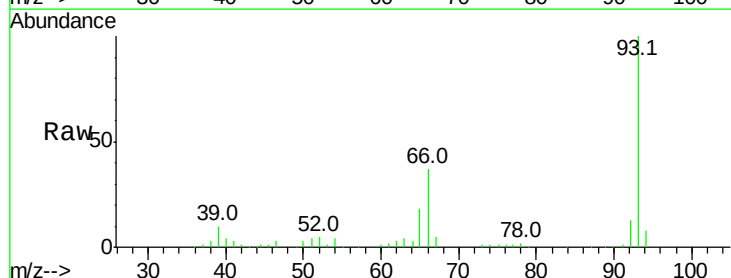
Tgt Ion: 93 Resp: 172296

Ion Ratio Lower Upper

93 100

66 36.8 33.7 50.5

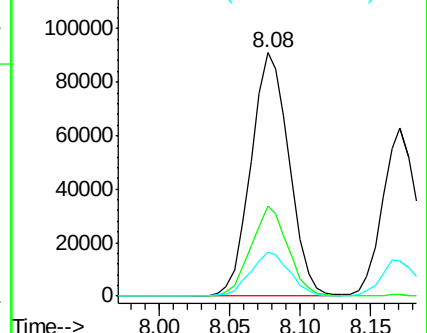
65 18.1 16.1 24.1

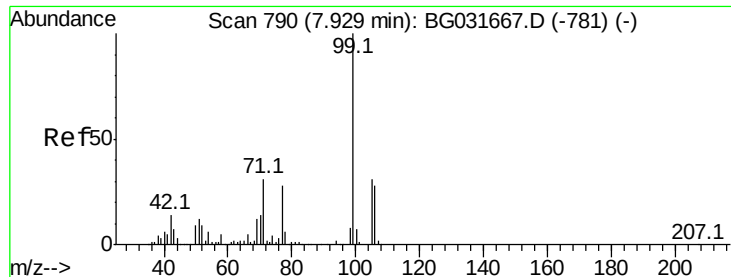


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.762 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

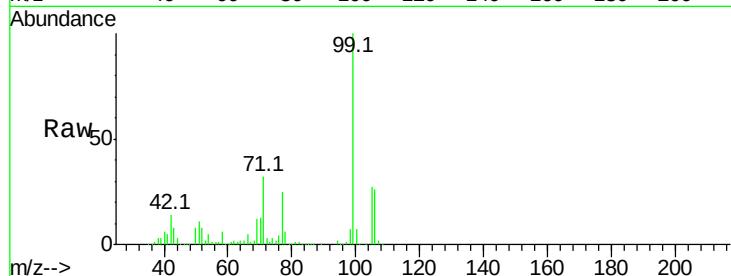
Tot Ion: 99 Resp: 278361

Ion Ratio Lower Upper

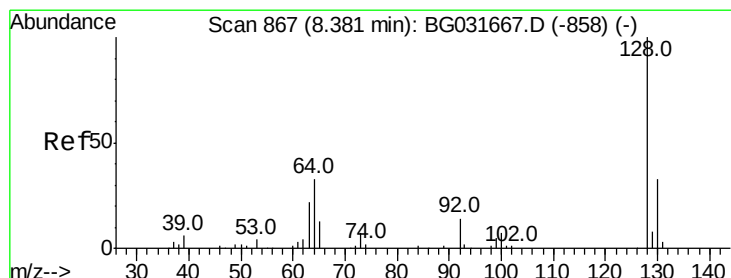
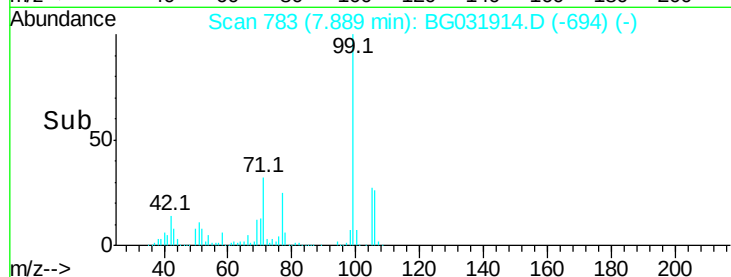
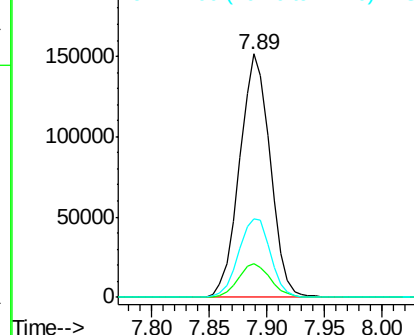
99 100

42 13.8 14.1 21.1#

71 32.5 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: 39.811 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

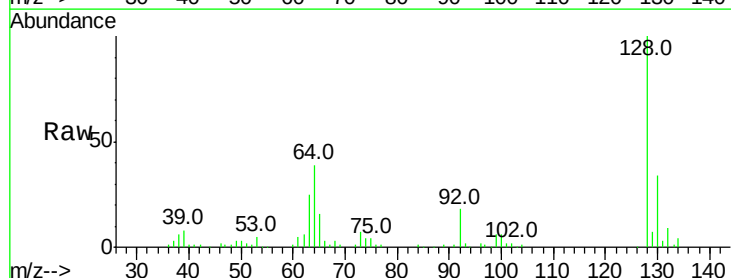
Tgt Ion: 128 Resp: 119631

Ion Ratio Lower Upper

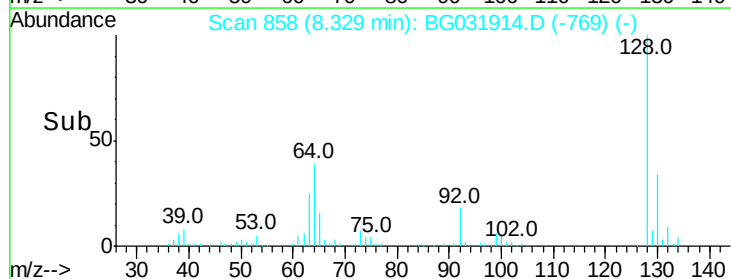
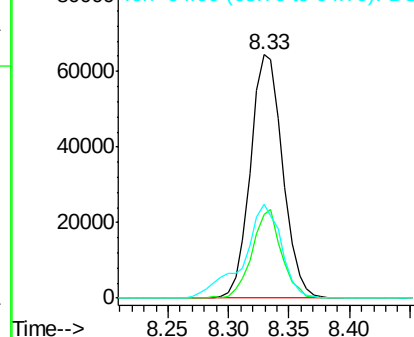
128 100

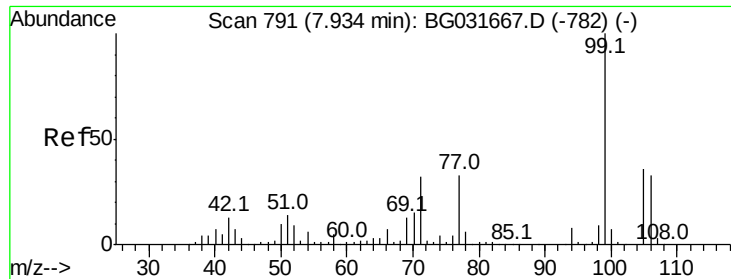
130 34.3 14.0 54.0

64 38.8 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: 36.669 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

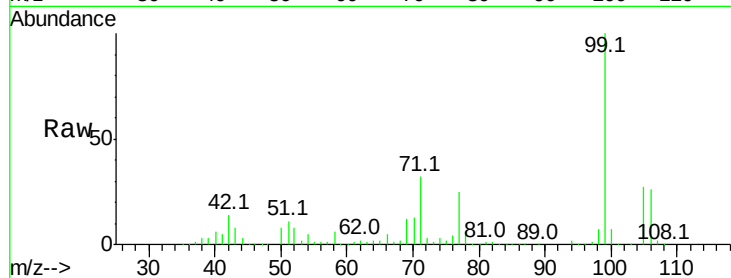
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 74263

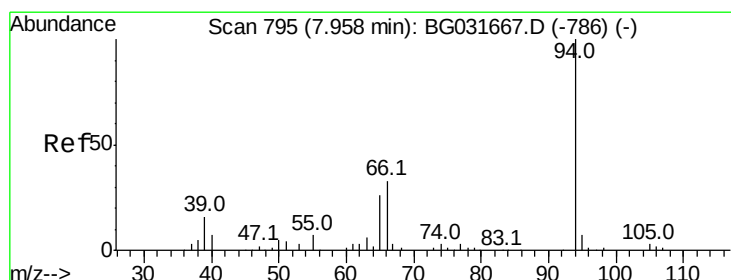
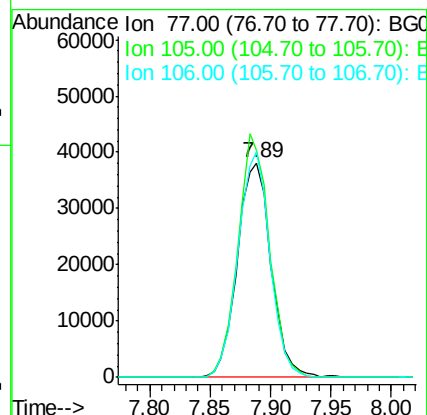
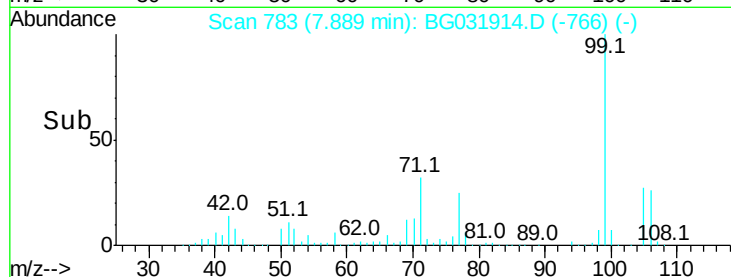
Ion	Ratio	Lower	Upper
77	100		
105	105.8	71.3	111.3
106	105.4	64.2	104.2



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: 39.898 ng

RT: 7.92 min Scan# 788

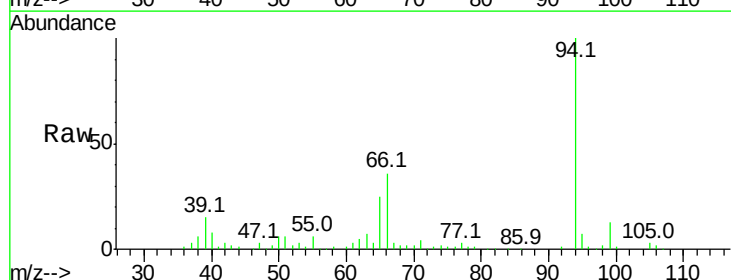
Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Tgt Ion: 94 Resp: 135482

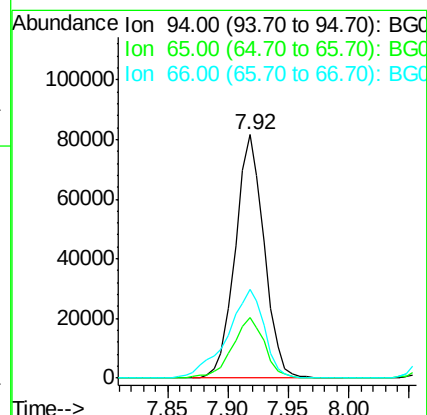
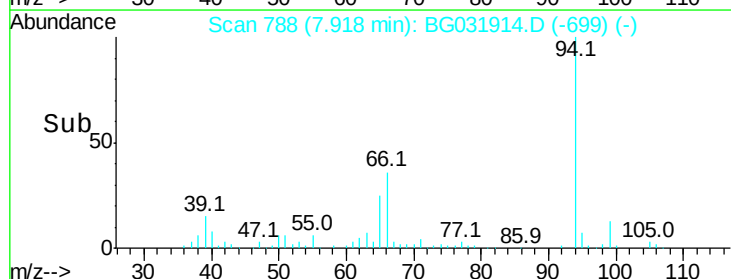
Ion	Ratio	Lower	Upper
94	100		
65	25.1	11.9	51.9
66	36.2	22.2	62.2

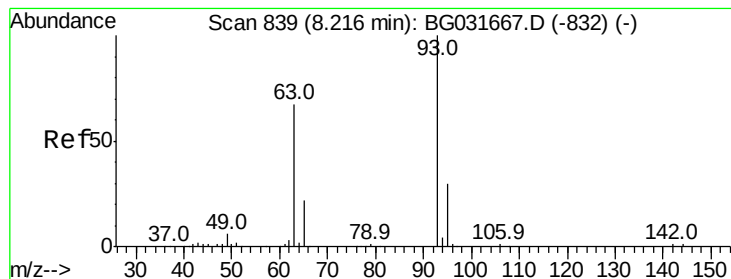


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

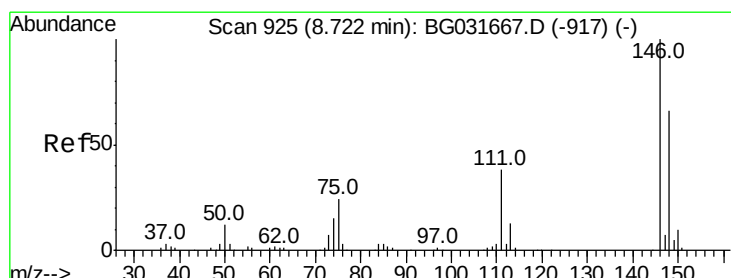
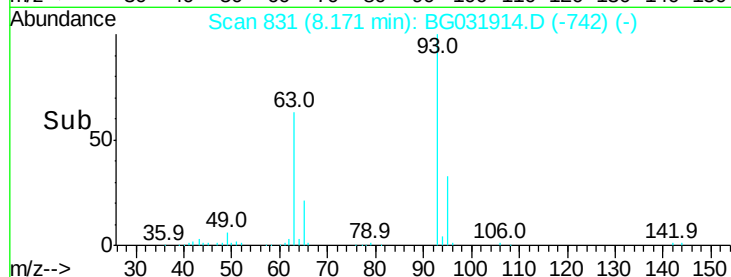
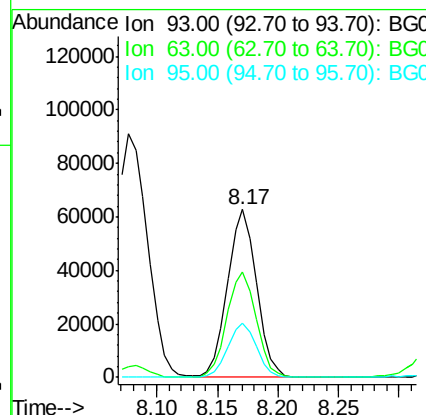
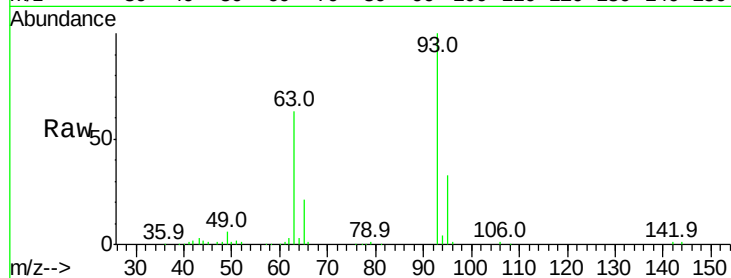




#11
bis(2-Chloroethyl)ether
Concen: 37.314 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

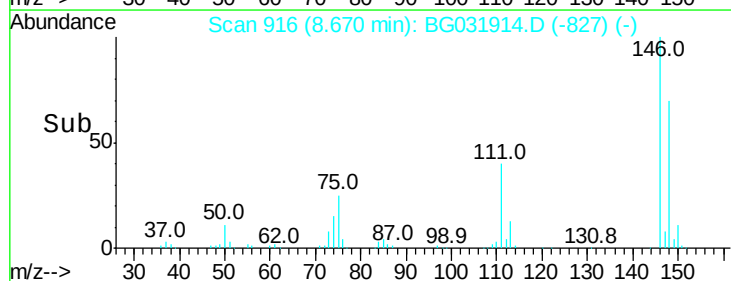
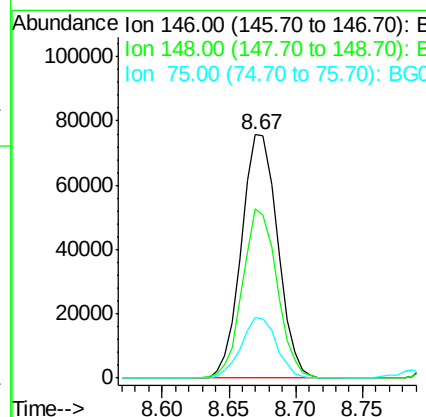
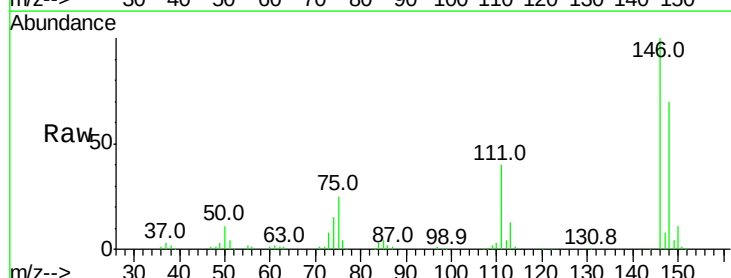
Instrument :
BNA_G
ClientSampled :

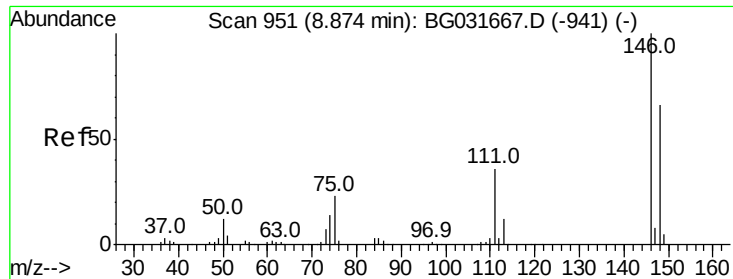
Tot Ion: 93 Resp: 105230
Ion Ratio Lower Upper
93 100
63 63.1 67.1 107.1#
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.220 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion: 146 Resp: 142625
Ion Ratio Lower Upper
146 100
148 69.6 51.4 77.2
75 24.9 26.6 39.8#

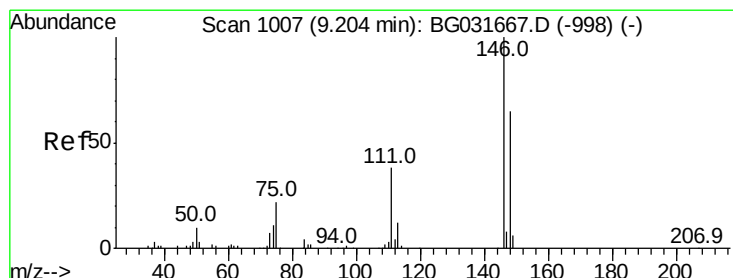
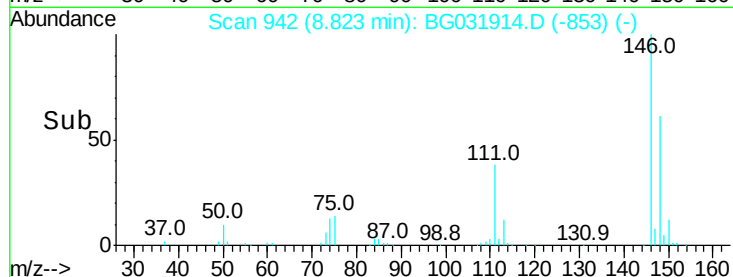
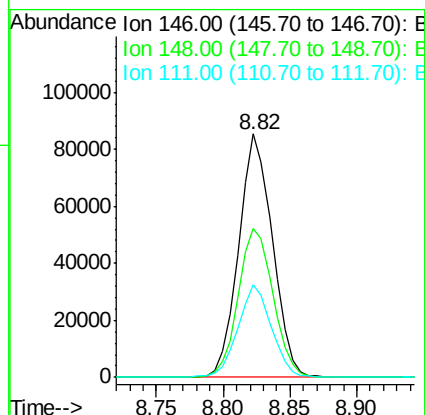
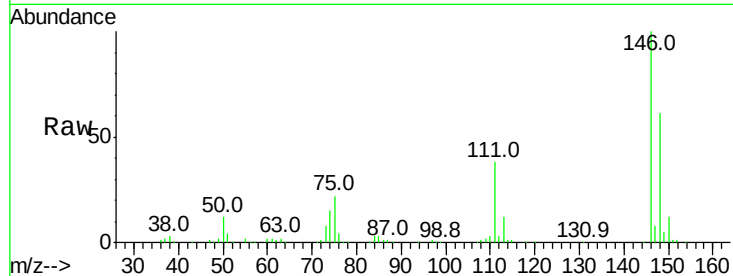




#13
 1,4-Dichlorobenzene
 Concen: 39.269 ng
 RT: 8.82 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

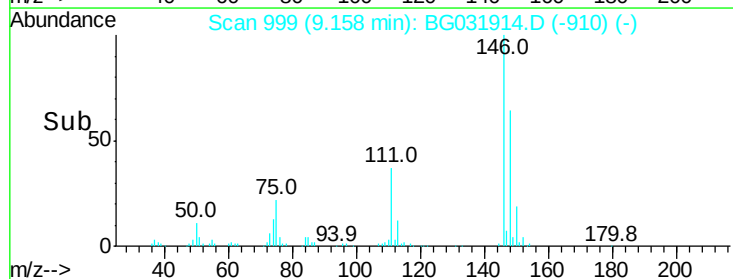
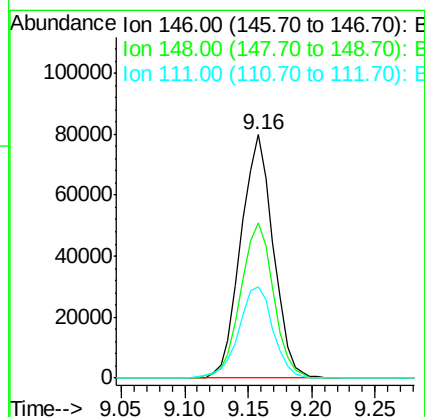
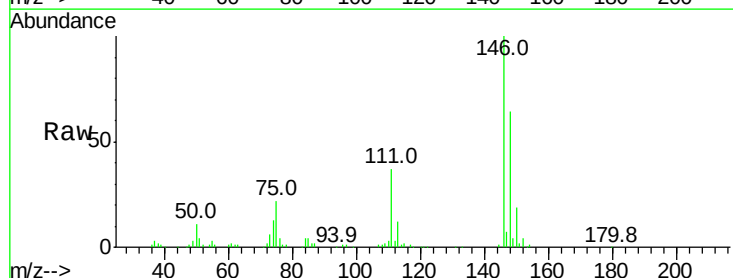
Instrument :
 BNA_G
 ClientSampled :

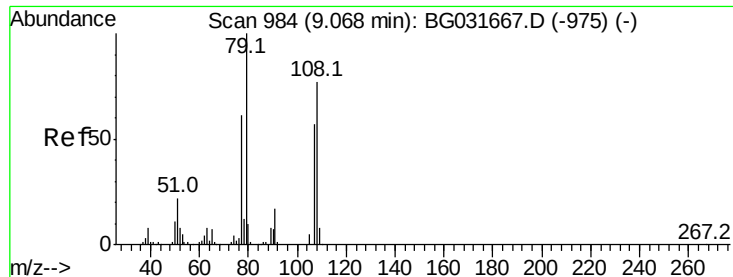
Tot Ion:146 Resp: 149694
 Ion Ratio Lower Upper
 146 100
 148 61.4 53.7 80.5
 111 38.1 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 39.328 ng
 RT: 9.16 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Tgt Ion:146 Resp: 142054
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.3 73.9
 111 37.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 41.666 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

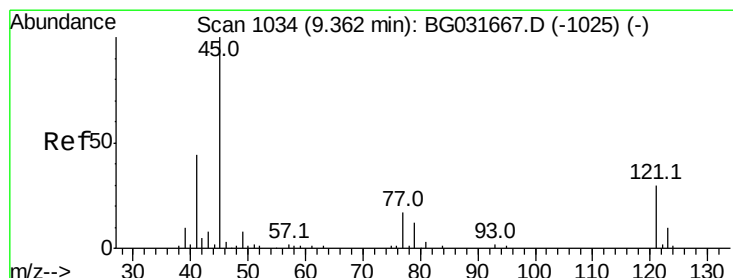
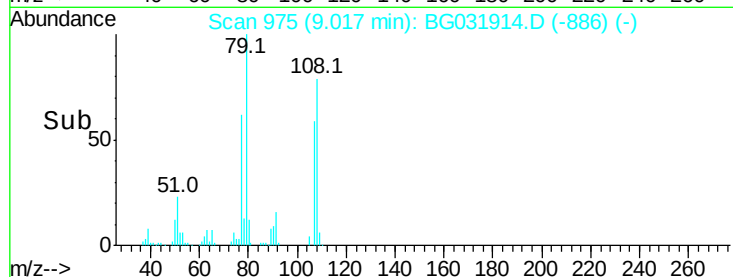
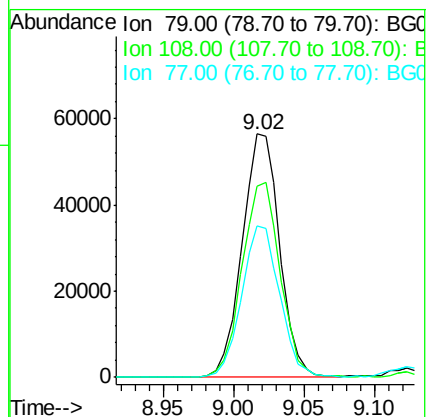
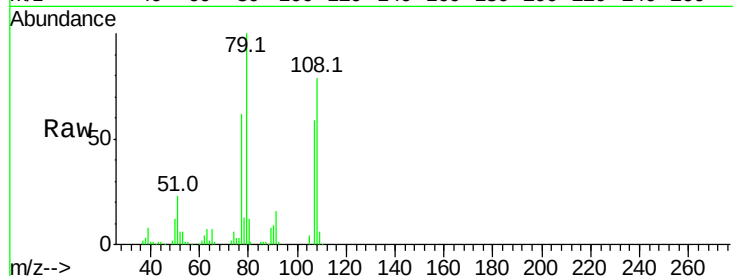
Tot Ion: 79 Resp: 105201

Ion Ratio Lower Upper

79 100

108 78.6 57.2 85.8

77 62.4 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.868 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

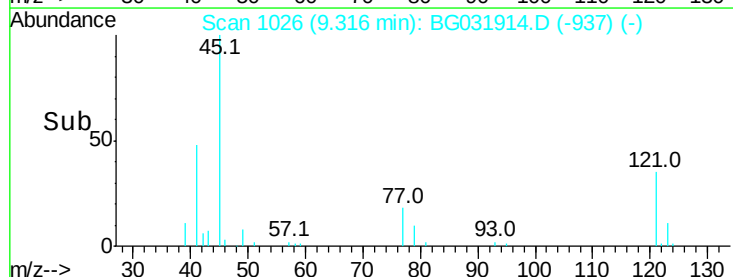
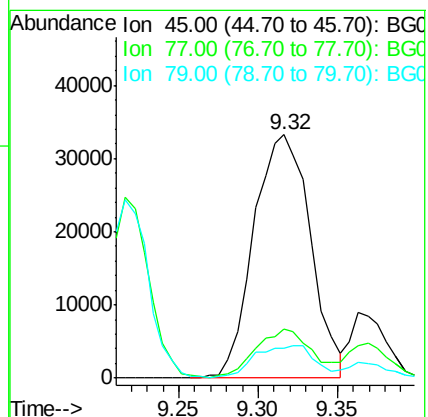
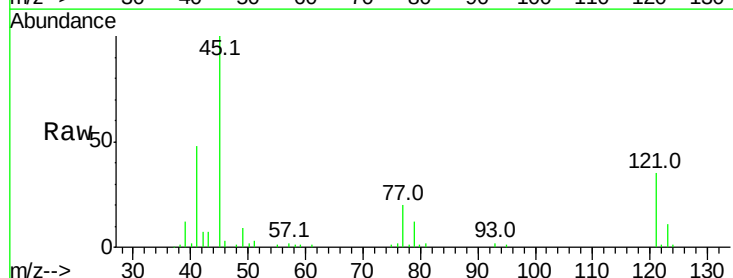
Tgt Ion: 45 Resp: 82374

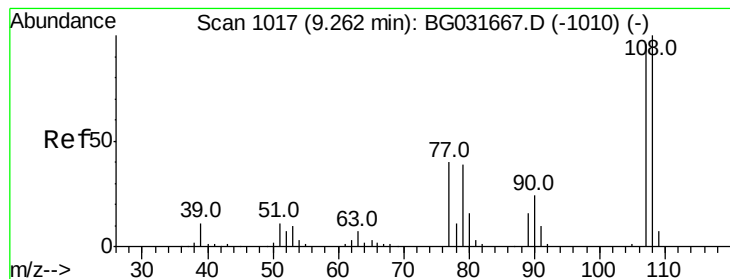
Ion Ratio Lower Upper

45 100

77 20.2 0.0 30.2

79 12.2 0.0 27.9





#17

2-Methylphenol

Concen: 41.265 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 100260

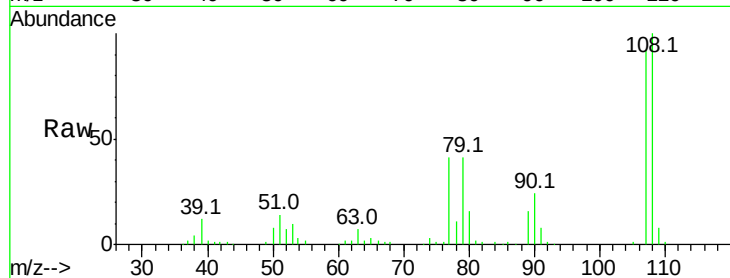
Ion Ratio Lower Upper

107 100

108 108.9 83.9 125.9

77 44.9 37.2 55.8

79 44.2 36.2 54.2

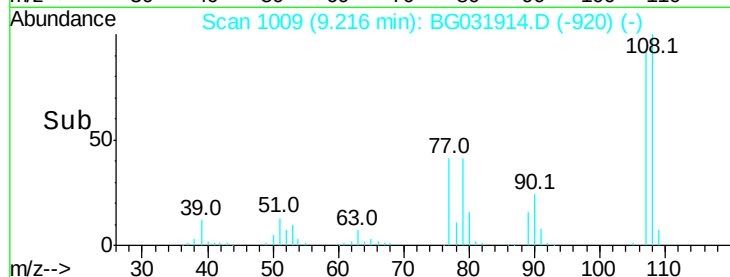


Abundance Ion 107.00 (106.70 to 107.70): E

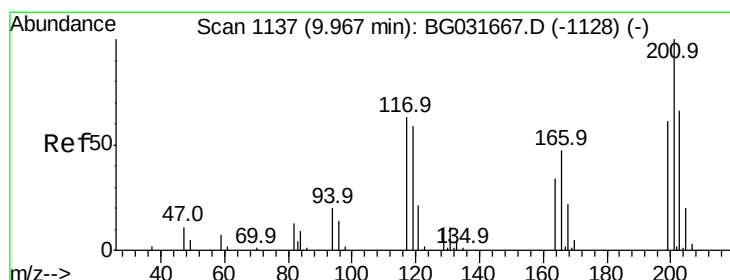
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 38.875 ng

RT: 9.92 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

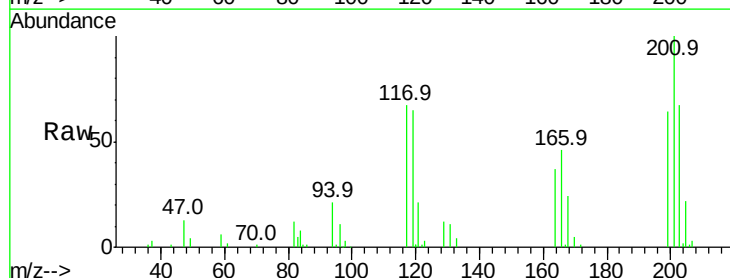
Tgt Ion:117 Resp: 44882

Ion Ratio Lower Upper

117 100

119 96.4 76.7 115.1

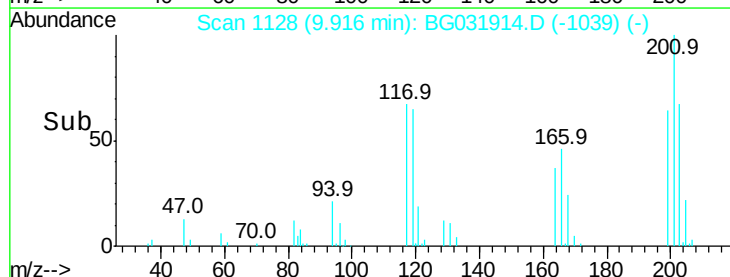
201 149.0 95.7 143.5#



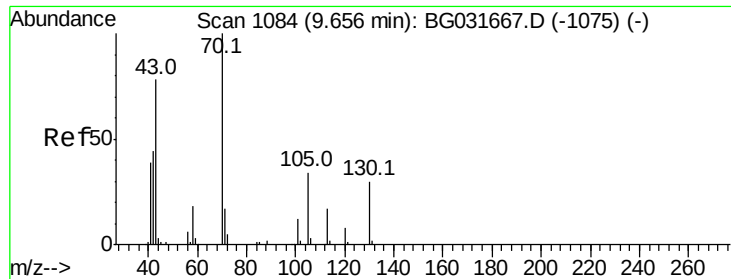
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



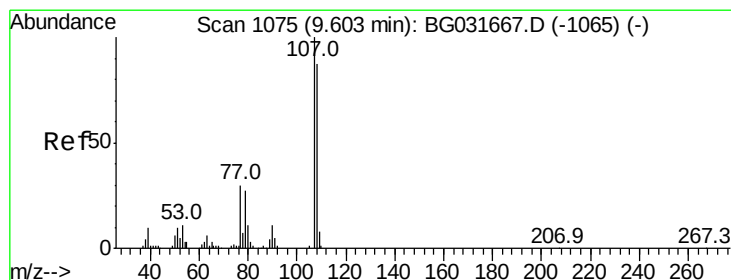
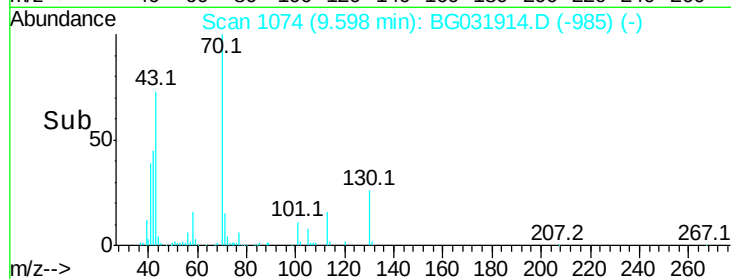
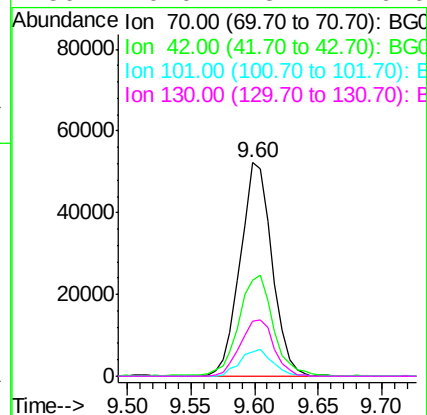
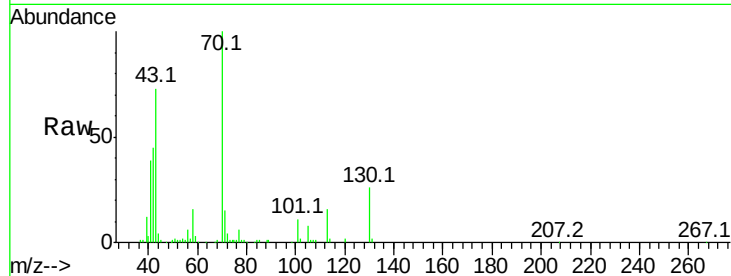
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.666 ng
RT: 9.60 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

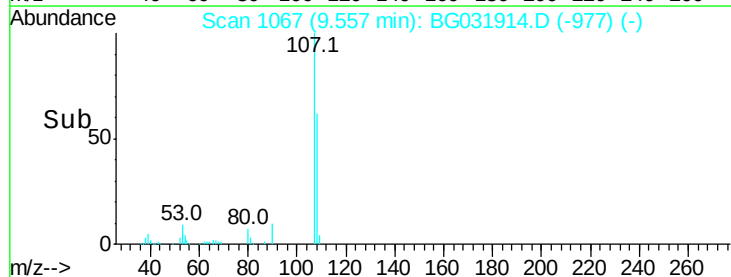
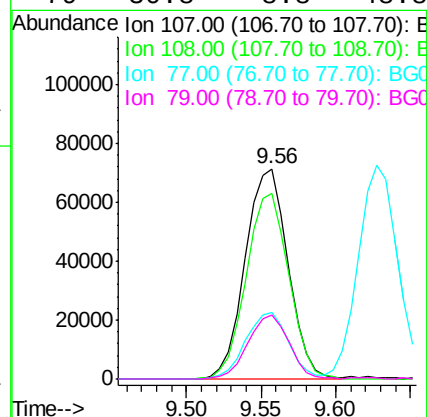
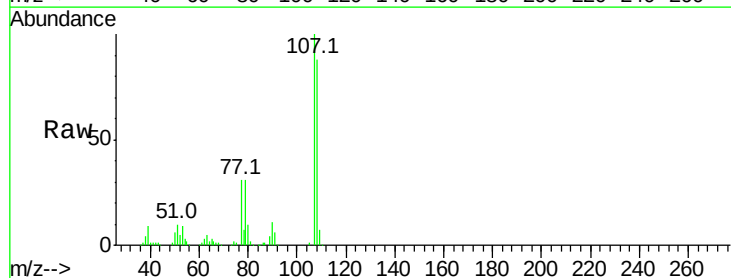
Instrument :
BNA_G
ClientSampleId :

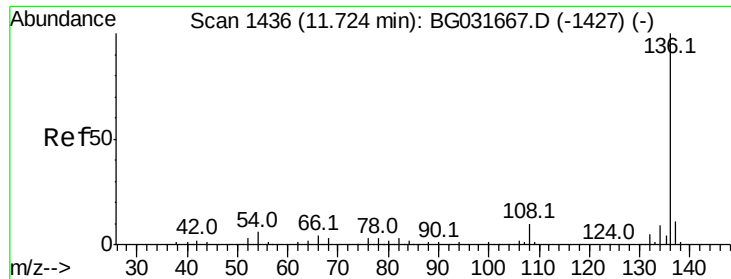
Tot Ion: 70 Resp: 91113
Ion Ratio Lower Upper
70 100
42 44.9 49.1 73.7#
101 11.5 8.5 12.7
130 26.0 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.939 ng
RT: 9.56 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion: 107 Resp: 141370
Ion Ratio Lower Upper
107 100
108 88.1 61.6 101.6
77 31.4 13.9 53.9
79 30.8 8.8 48.8

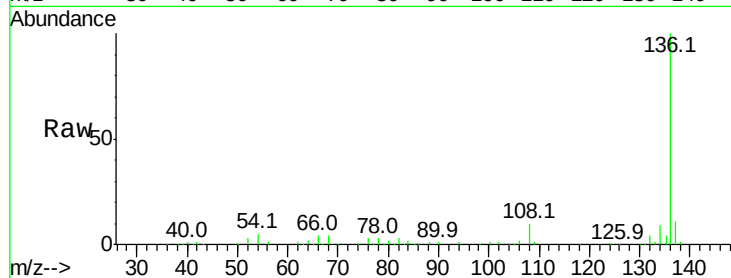




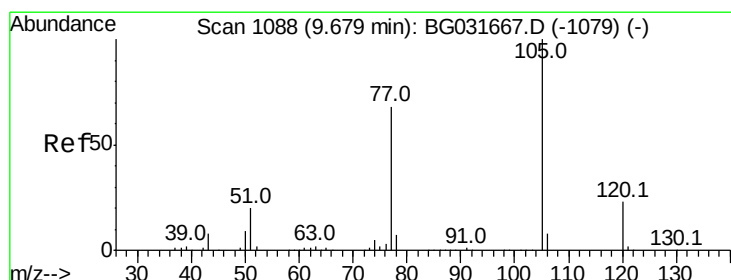
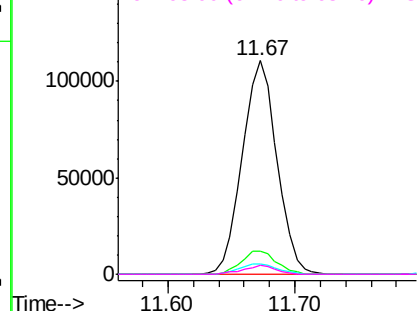
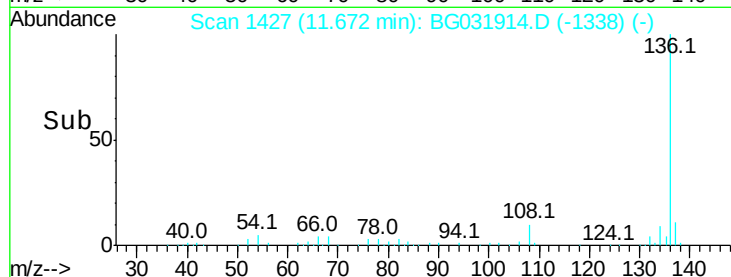
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	209305
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	4.8	10.3	15.5#
68	4.0	4.5	6.7#

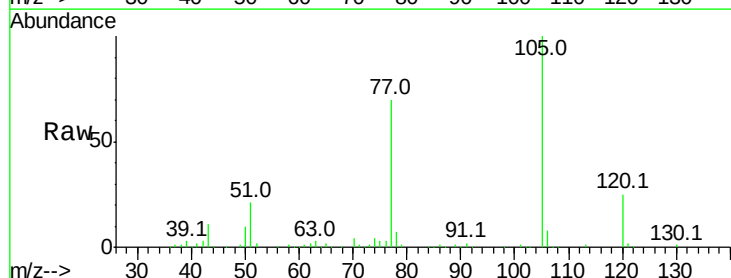


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

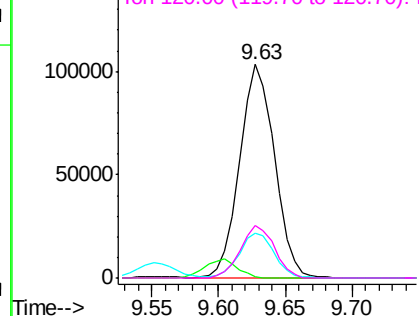
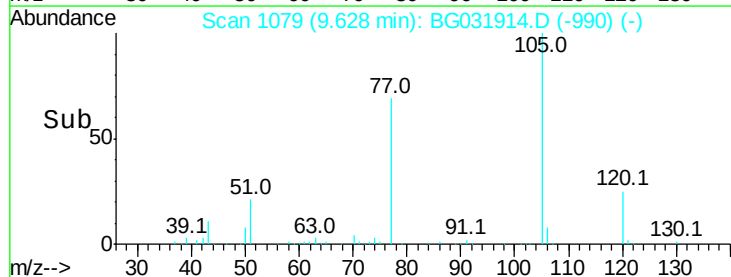


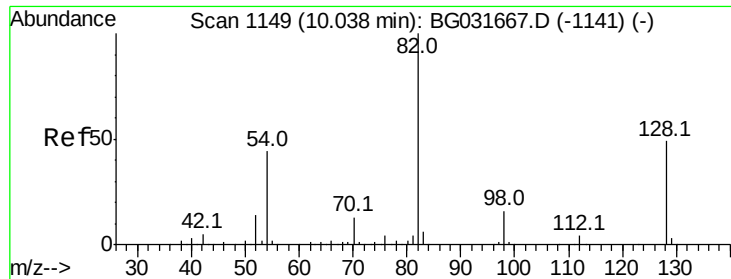
#22
Acetophenone
Concen: 38.472 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:	105	Resp:	187080
Ion	Ratio	Lower	Upper
105	100		
71	0.9	3.0	4.4#
51	21.1	26.1	39.1#
120	24.8	17.4	26.2



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

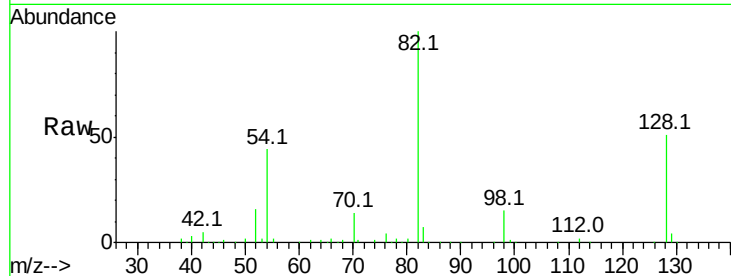




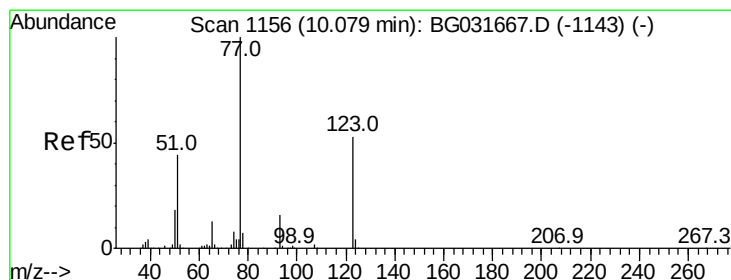
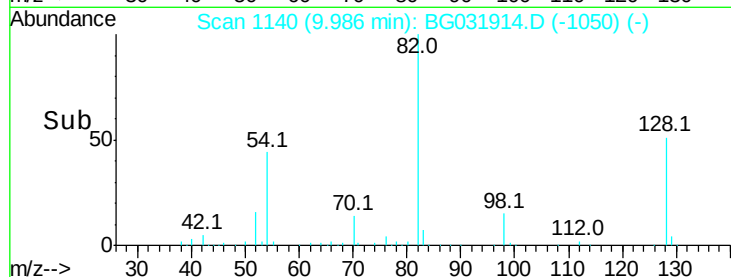
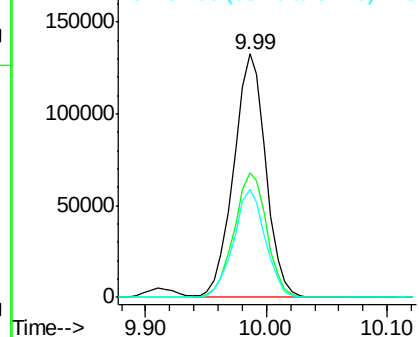
#23
 Nitrobenzene-d5
 Concen: 88.499 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	245301
Ion	Ratio	Lower	Upper
82	100		
128	50.9	29.7	44.5#
54	44.3	43.1	64.7

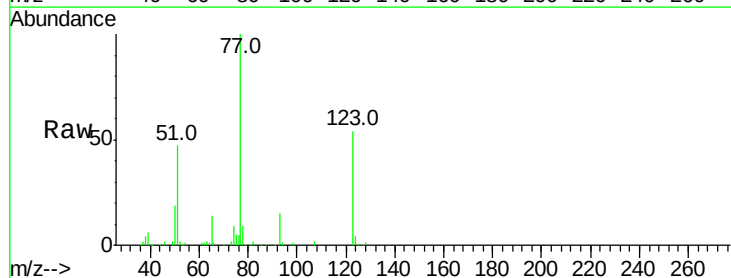


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

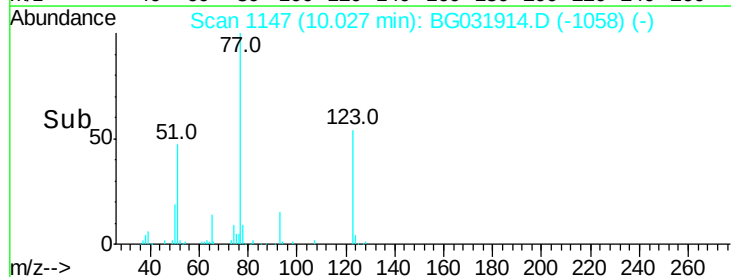
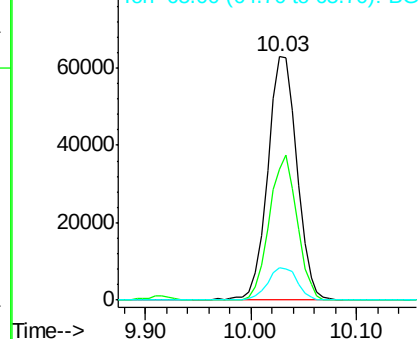


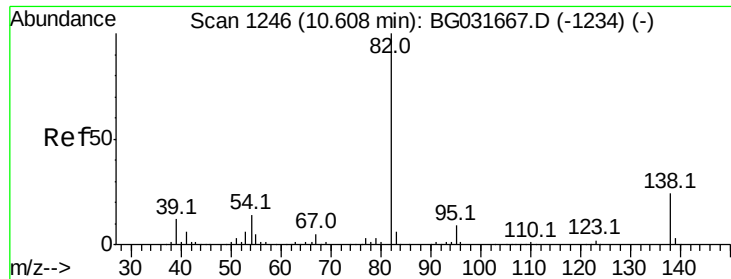
#24
 Nitrobenzene
 Concen: 42.328 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Tgt Ion	77	Resp	120919
Ion	Ratio	Lower	Upper
77	100		
123	53.9	33.0	49.6#
65	13.5	13.0	19.6



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





#25

Isophorone

Concen: 39.131 ng

RT: 10.56 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

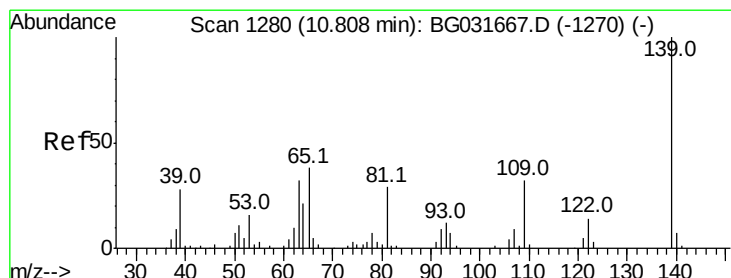
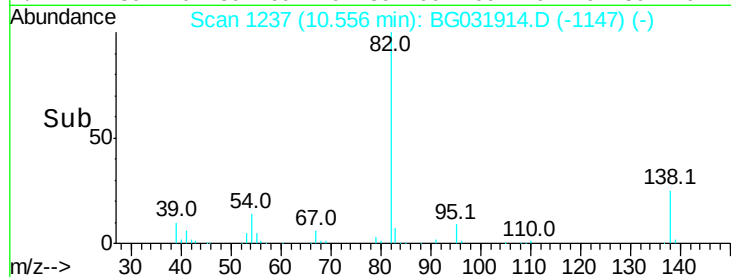
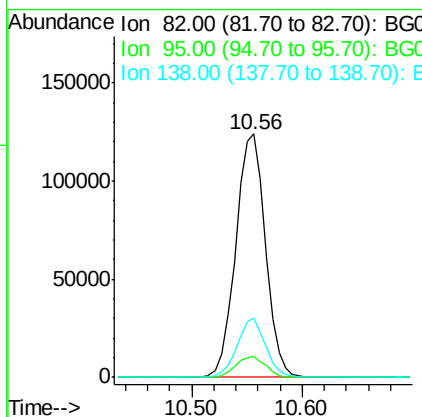
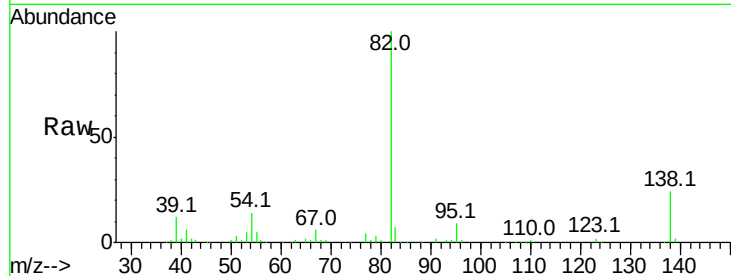
Tot Ion: 82 Resp: 233489

Ion Ratio Lower Upper

82 100

95 8.8 6.2 9.2

138 24.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 52.213 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

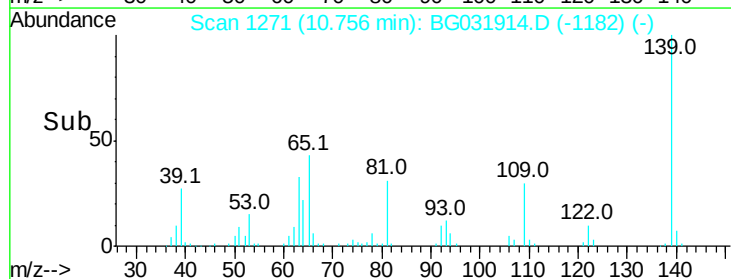
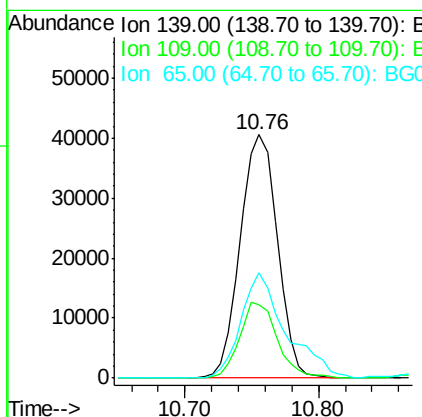
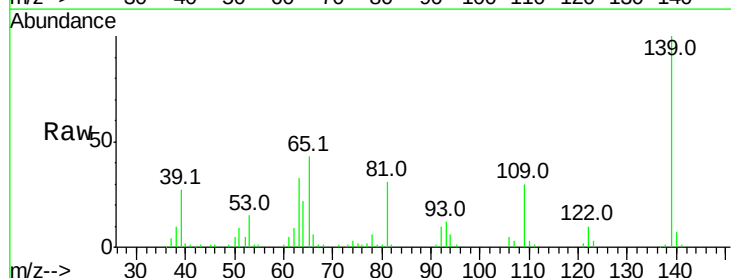
Tgt Ion:139 Resp: 78206

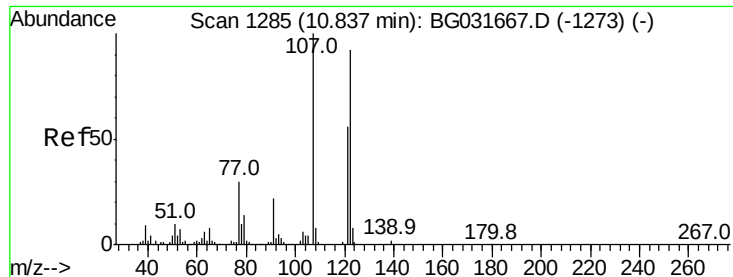
Ion Ratio Lower Upper

139 100

109 30.1 24.2 36.2

65 43.1 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 38.943 ng

RT: 10.79 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

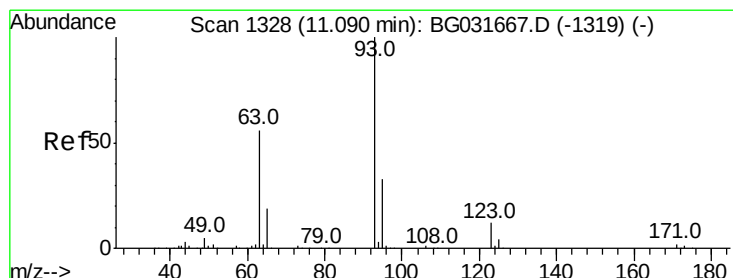
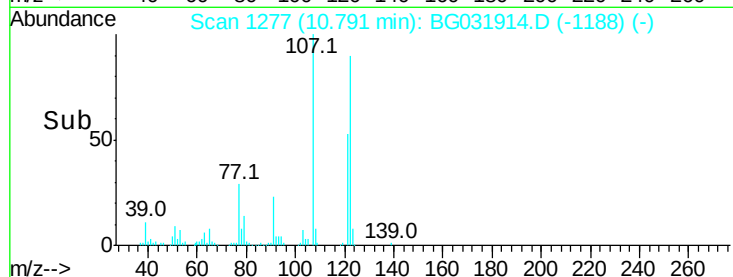
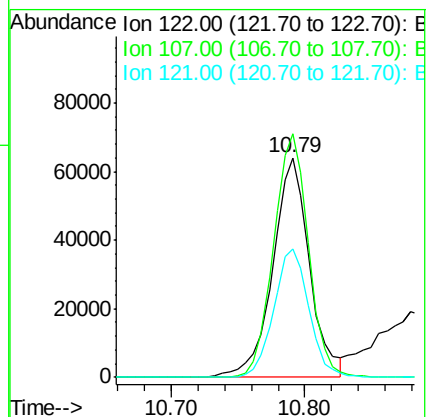
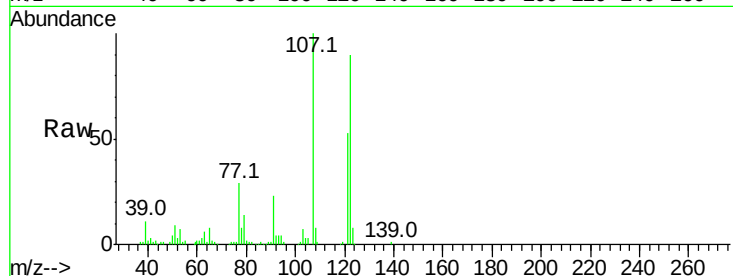
Tot Ion:122 Resp: 122744

Ion Ratio Lower Upper

122 100

107 110.7 100.2 150.2

121 58.4 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 37.165 ng

RT: 11.03 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

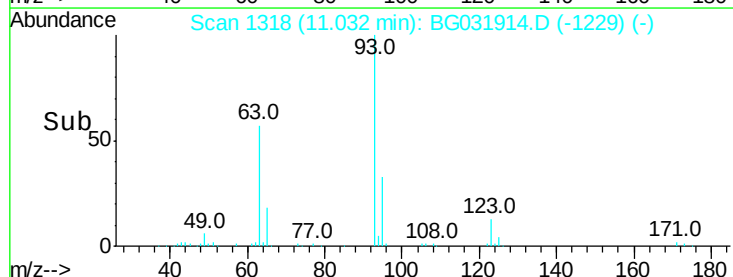
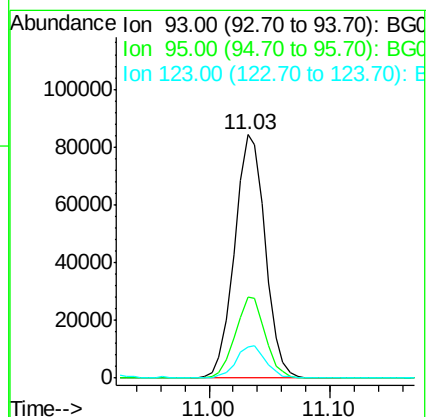
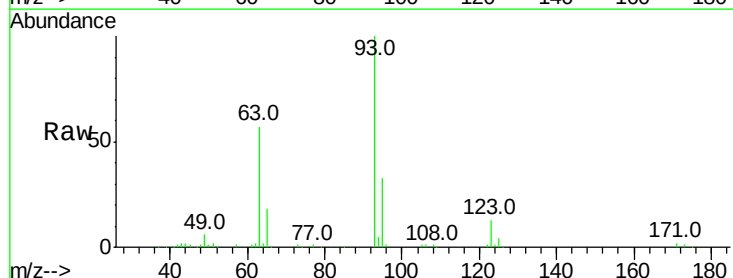
Tgt Ion: 93 Resp: 148800

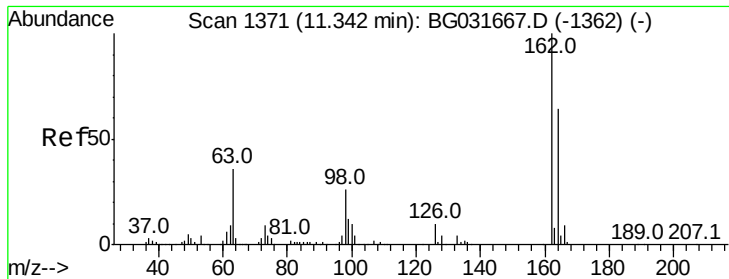
Ion Ratio Lower Upper

93 100

95 33.4 24.3 36.5

123 13.0 8.4 12.6#

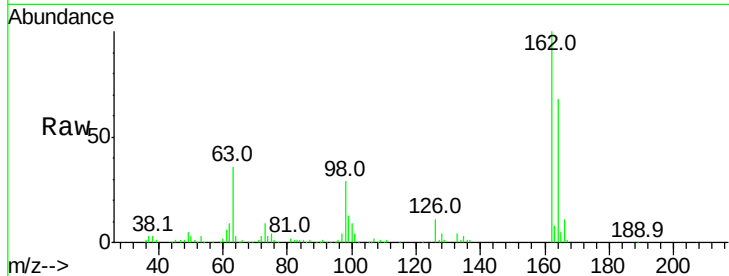




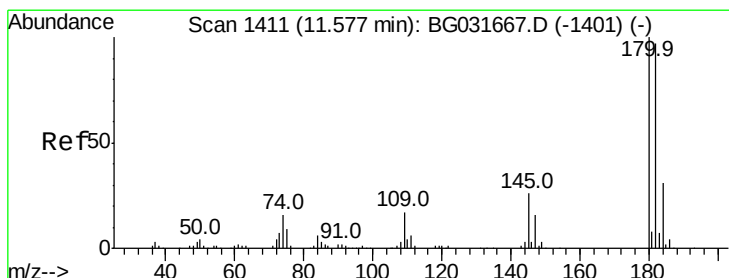
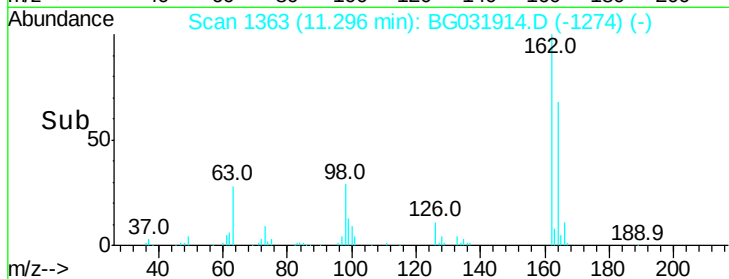
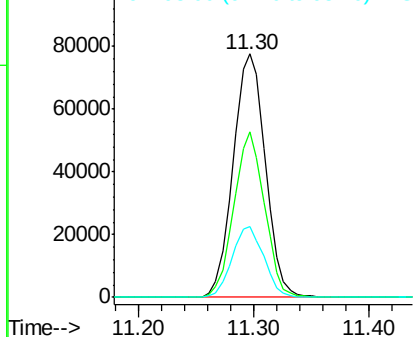
#29
 2,4-Dichlorophenol
 Concen: 40.319 ng
 RT: 11.30 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	48.0	88.0
98	29.0	21.1	61.1

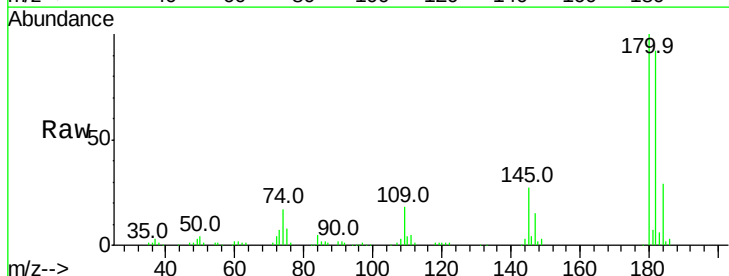


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

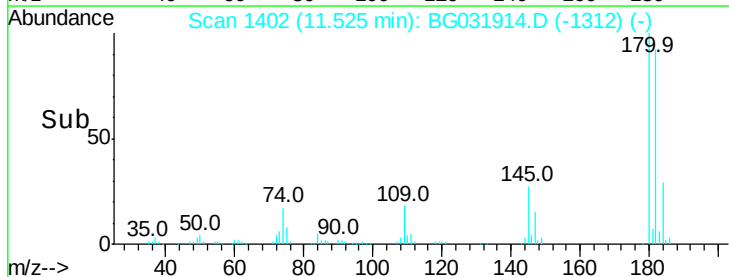
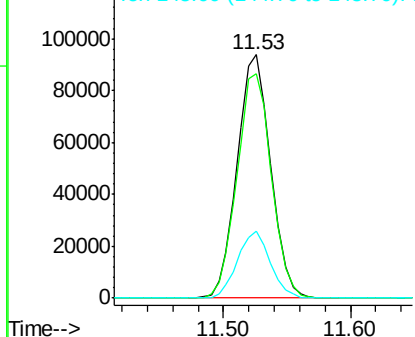


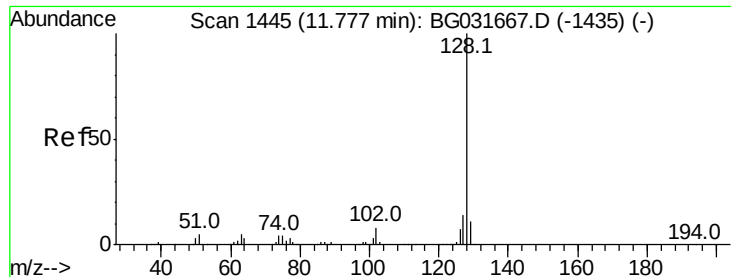
#30
 1,2,4-Trichlorobenzene
 Concen: 37.987 ng
 RT: 11.53 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.5	116.3
145	27.3	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

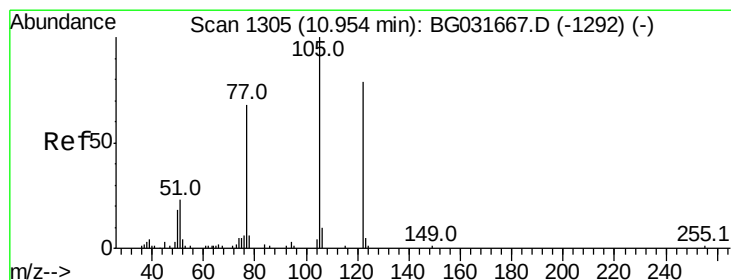
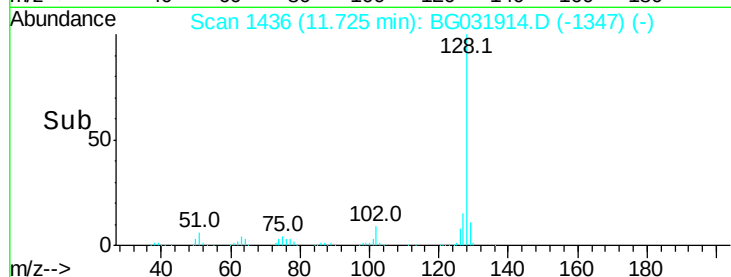
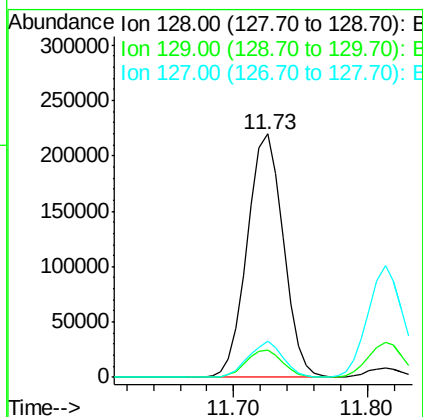
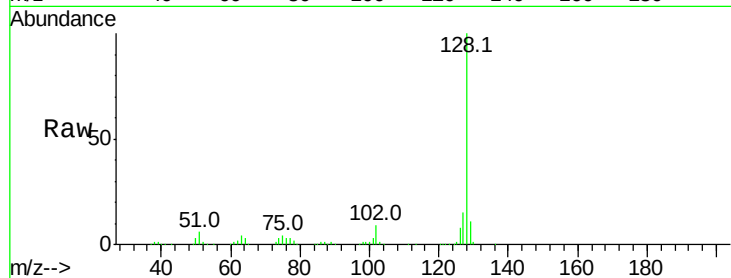




#31
Naphthalene
Concen: 38.800 ng
RT: 11.73 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

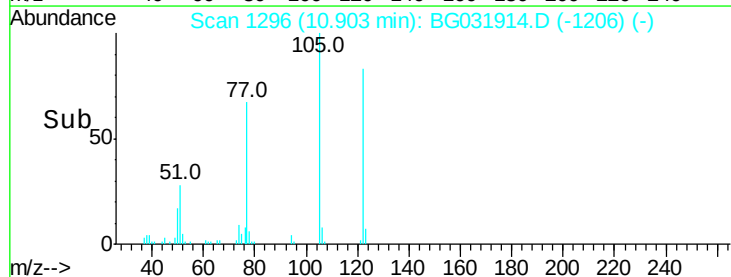
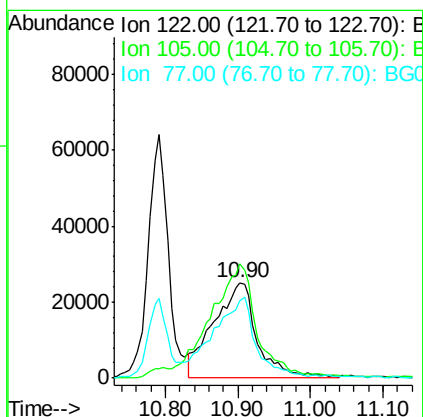
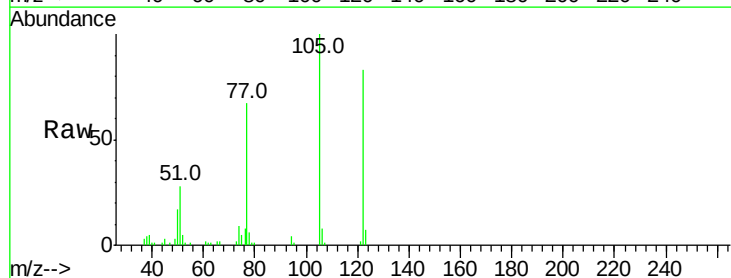
Instrument :
BNA_G
ClientSampleId :

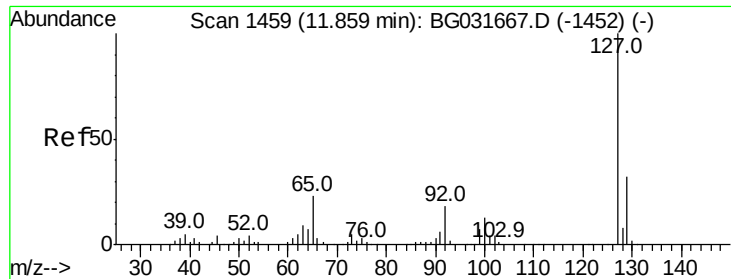
Tot Ion:128 Resp: 409853
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.9 11.6 17.4



#32
Benzoic acid
Concen: 48.818 ng
RT: 10.90 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:122 Resp: 105211
Ion Ratio Lower Upper
122 100
105 119.9 123.5 163.5#
77 80.6 85.7 125.7#

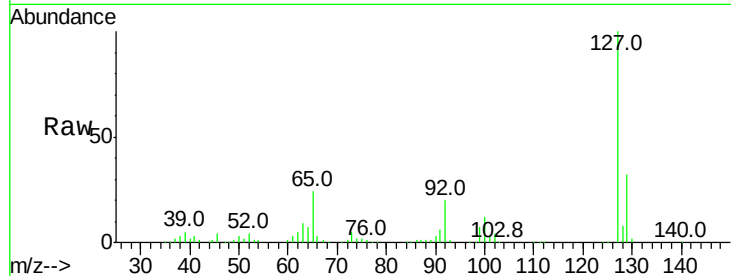




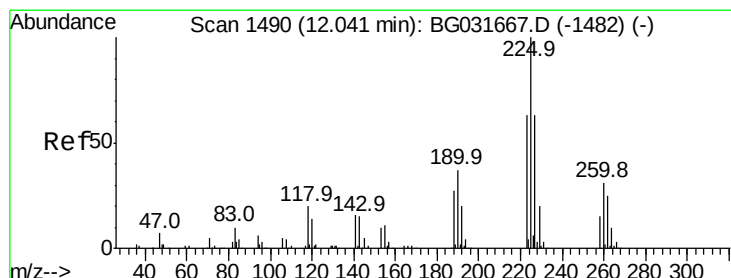
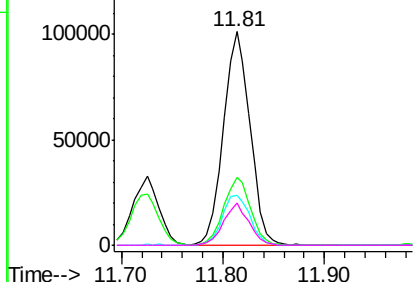
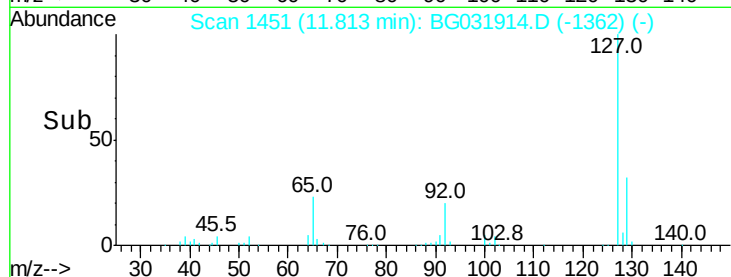
#33
4-Chloroaniline
Concen: 39.154 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 184136
Ion Ratio Lower Upper
127 100
129 31.7 24.0 36.0
65 23.6 27.0 40.4#
92 19.7 16.6 25.0

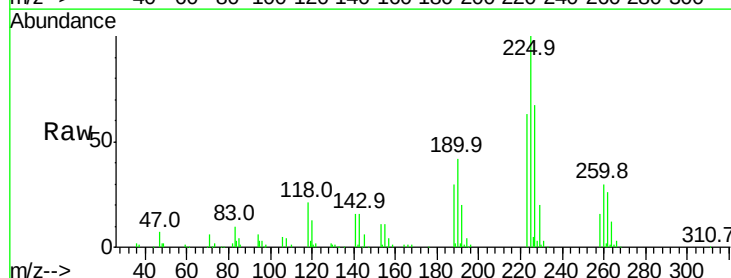


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

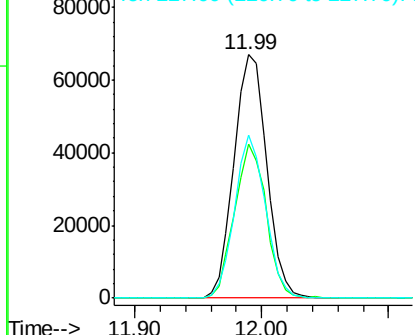
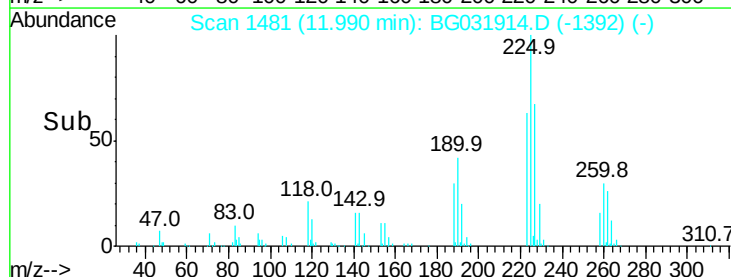


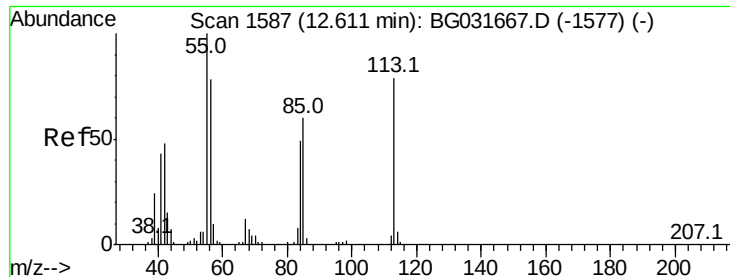
#34
Hexachlorobutadiene
Concen: 38.711 ng
RT: 11.99 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:225 Resp: 120067
Ion Ratio Lower Upper
225 100
223 63.4 49.7 74.5
227 66.7 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: 44.959 ng

RT: 12.57 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

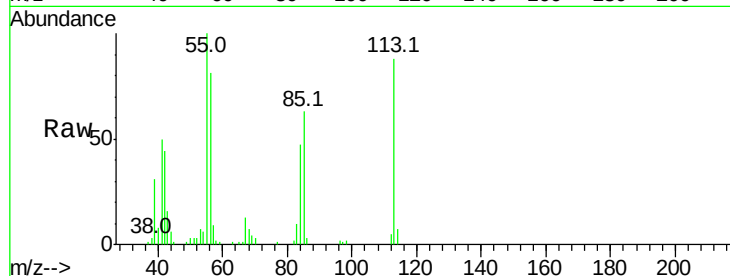
Tot Ion:113 Resp: 50425

Ion Ratio Lower Upper

113 100

55 113.6 186.9 226.9#

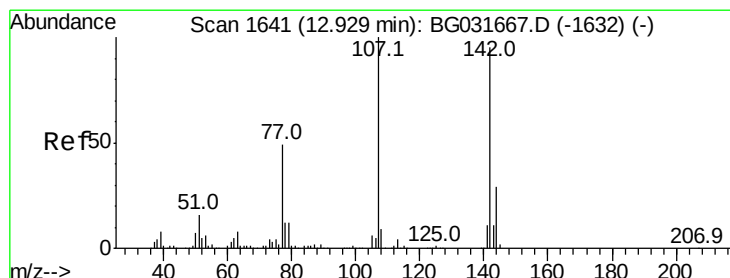
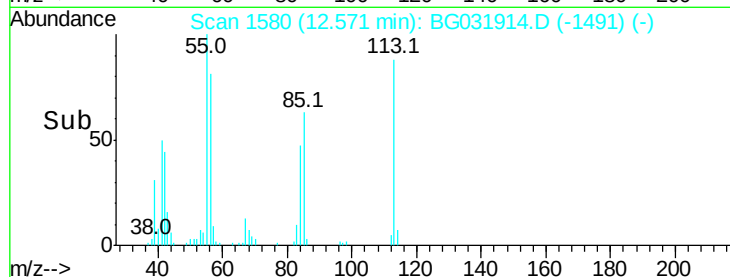
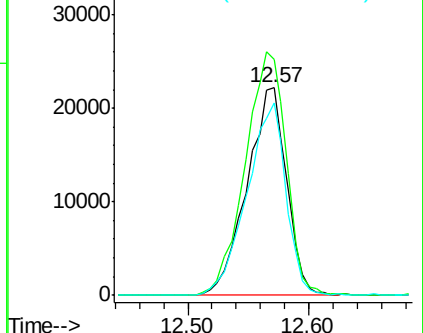
56 92.5 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.856 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

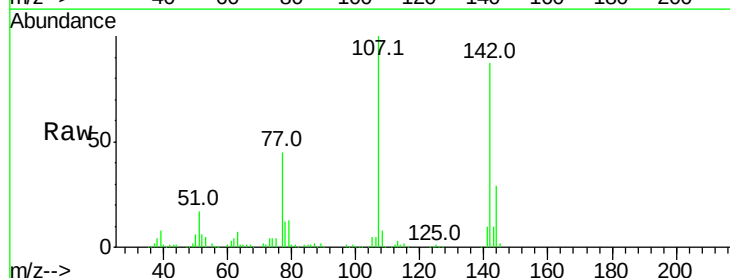
Tgt Ion:107 Resp: 143034

Ion Ratio Lower Upper

107 100

144 29.0 18.2 27.4#

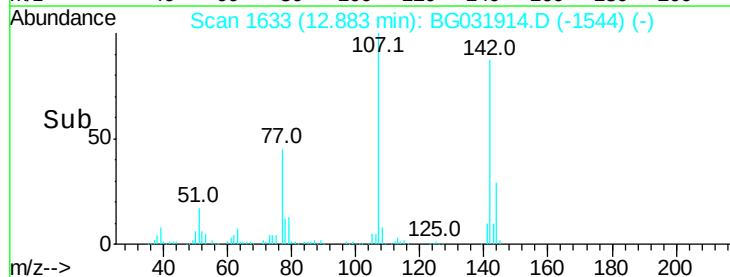
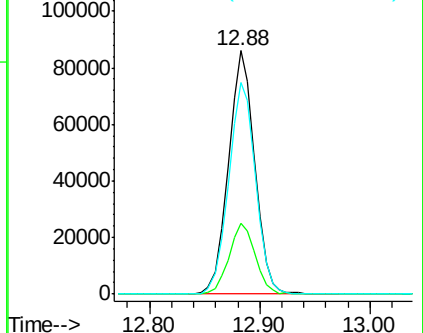
142 86.7 59.0 88.4

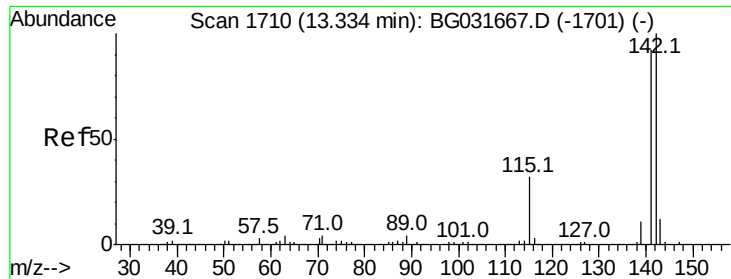


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

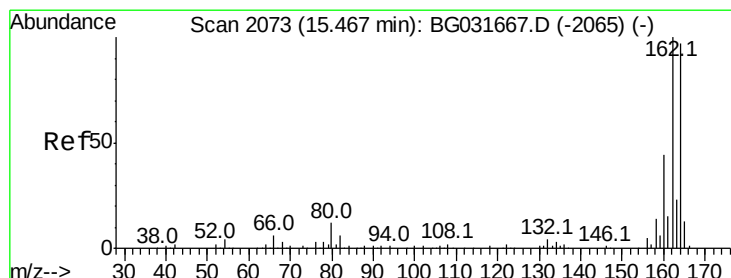
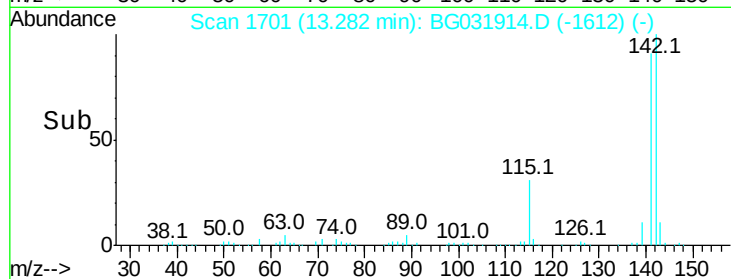
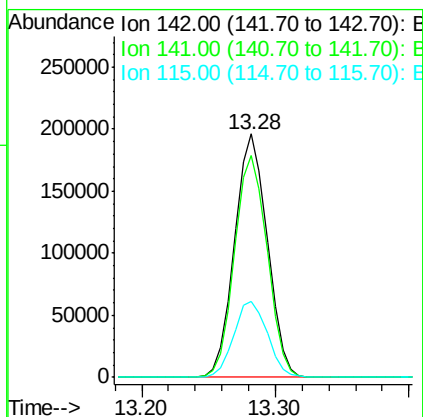
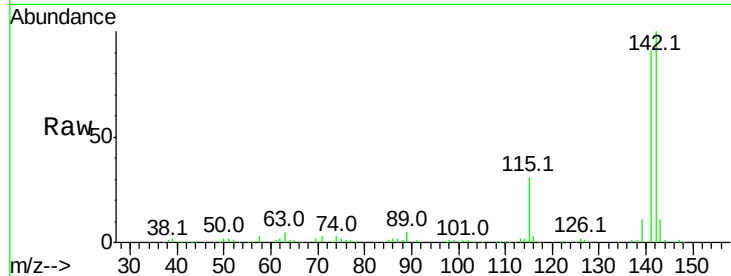




#37
 2-Methylnaphthalene
 Concen: 38.894 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

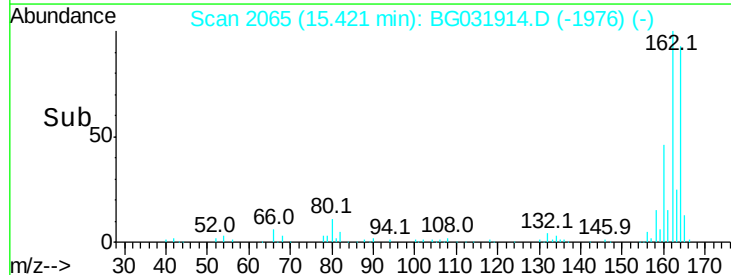
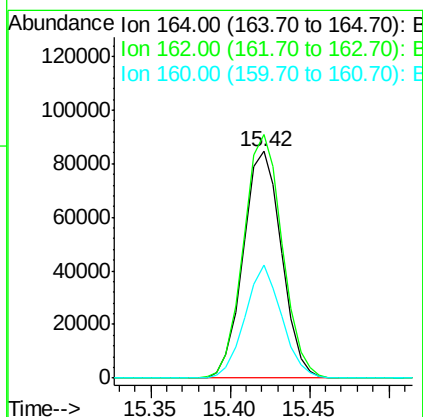
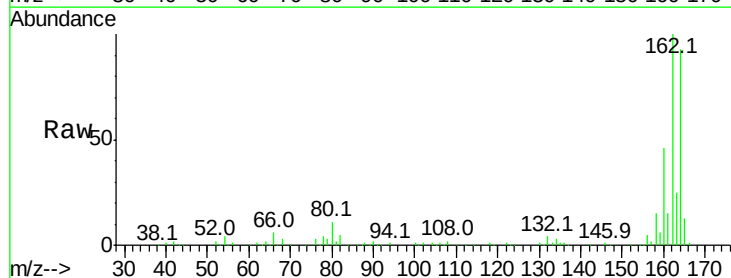
Instrument :
 BNA_G
 ClientSampled :

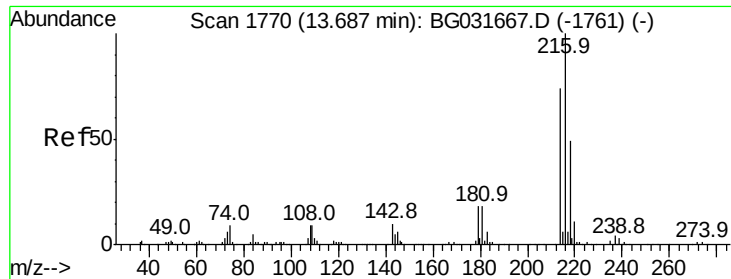
Tot Ion:142 Resp: 333057
 Ion Ratio Lower Upper
 142 100
 141 91.3 67.1 100.7
 115 31.4 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2065
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Tgt Ion:164 Resp: 141903
 Ion Ratio Lower Upper
 164 100
 162 107.4 78.8 118.2
 160 49.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.640 ng

RT: 13.63 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 236934

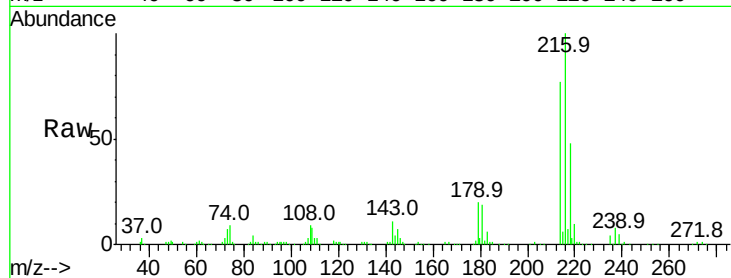
Ion Ratio Lower Upper

216 100

214 76.2 63.0 94.4

179 18.7 17.0 25.6

108 10.7 12.8 19.2#

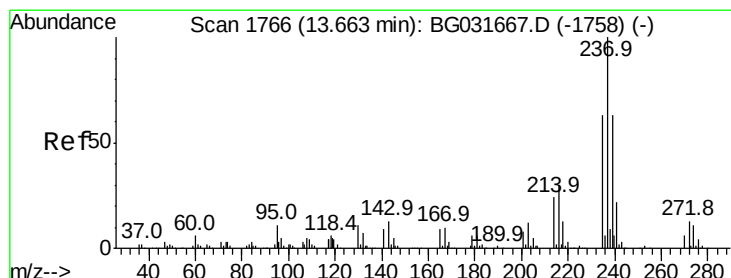
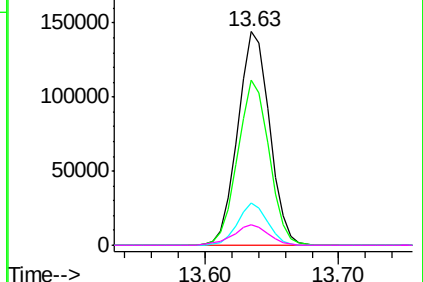
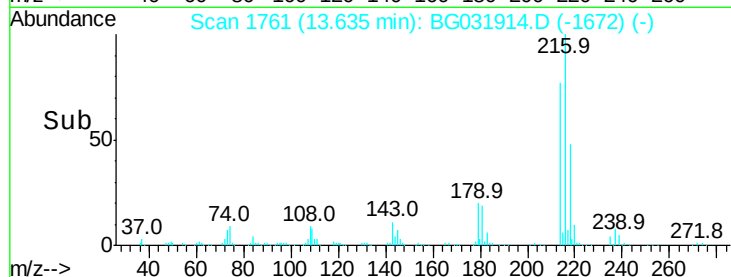


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.044 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

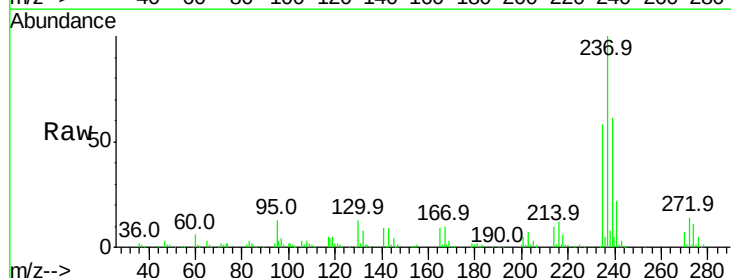
Tgt Ion:237 Resp: 135724

Ion Ratio Lower Upper

237 100

235 57.8 50.4 90.4

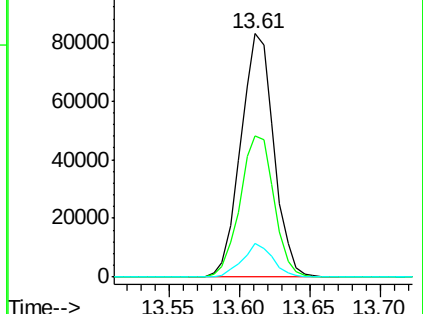
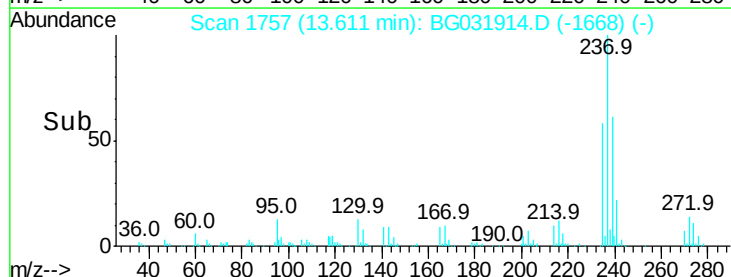
272 13.8 0.0 31.8

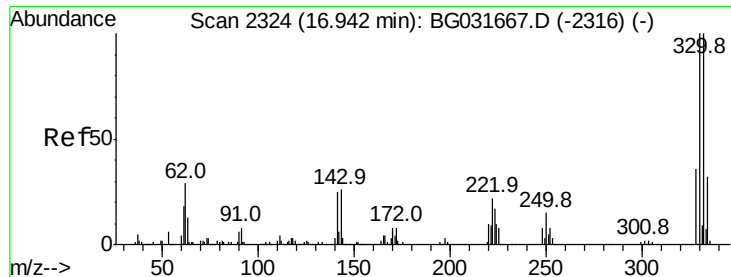


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 94.758 ng

RT: 16.90 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

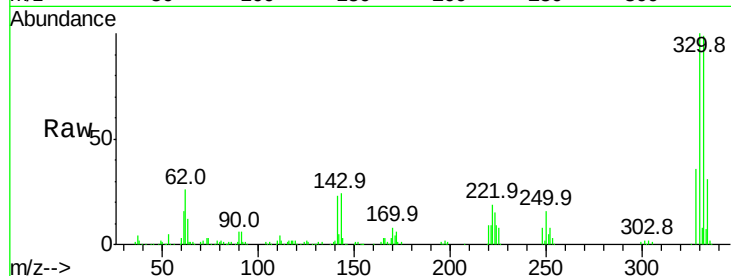
Tot Ion:330 Resp: 205174

Ion Ratio Lower Upper

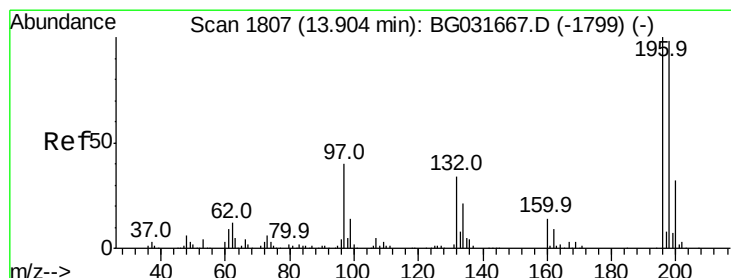
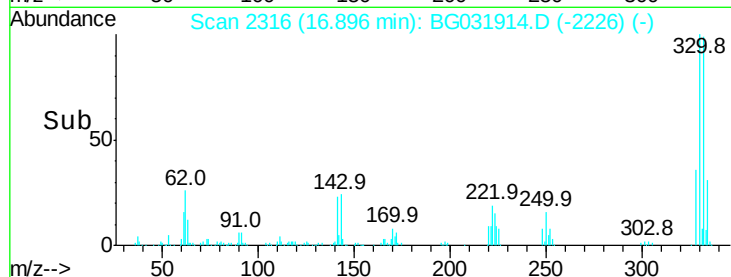
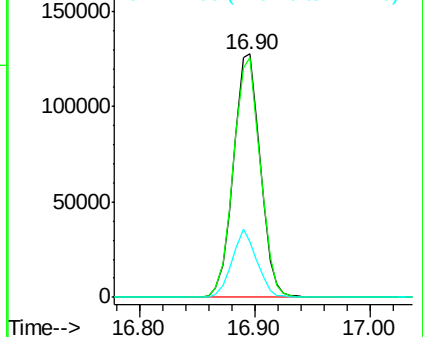
330 100

332 98.7 77.0 115.6

141 25.9 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: 43.014 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

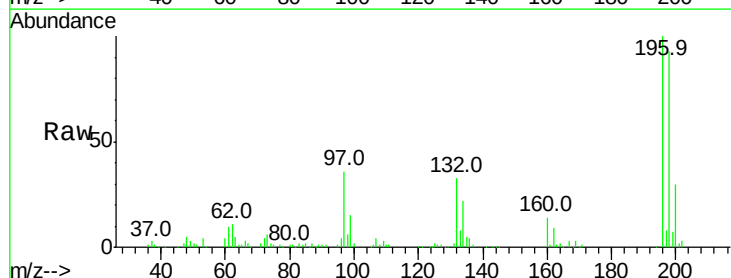
Tgt Ion:196 Resp: 148231

Ion Ratio Lower Upper

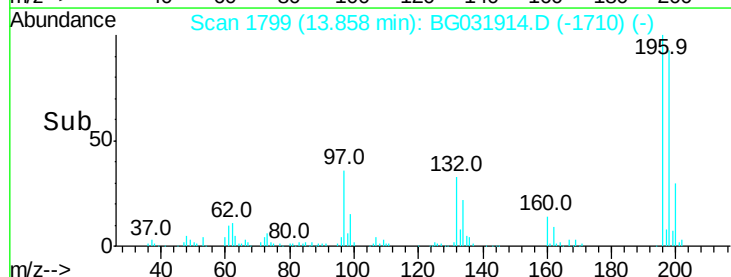
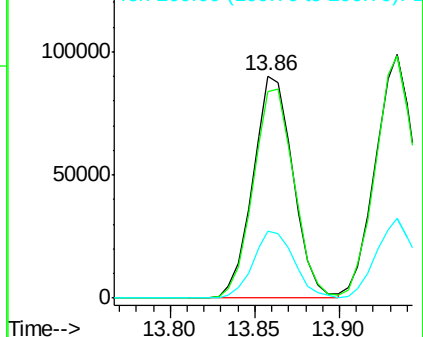
196 100

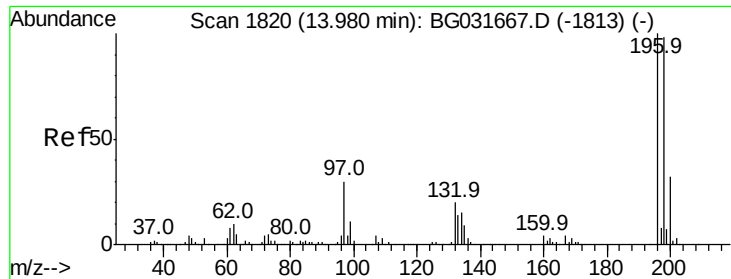
198 92.9 78.2 117.2

200 30.4 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

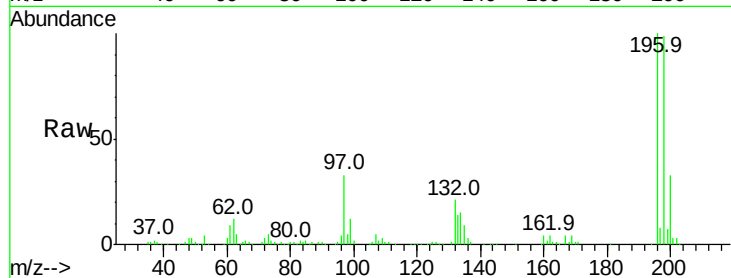




#43
 2,4,5-Trichlorophenol
 Concen: 42.890 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	76.2	114.4
97	33.2	38.7	58.1
132	20.5	20.2	30.2



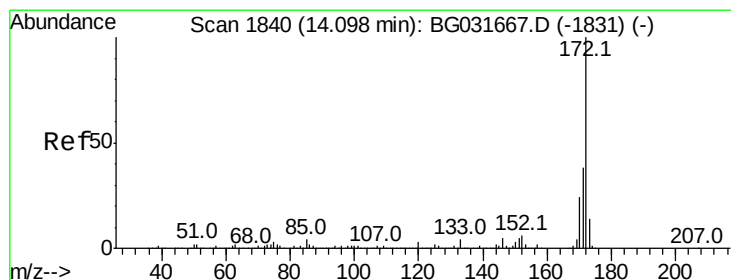
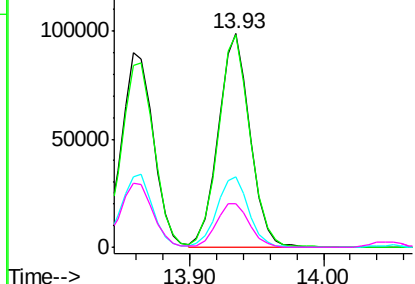
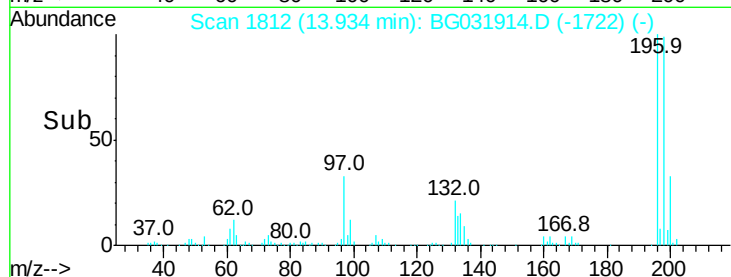
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

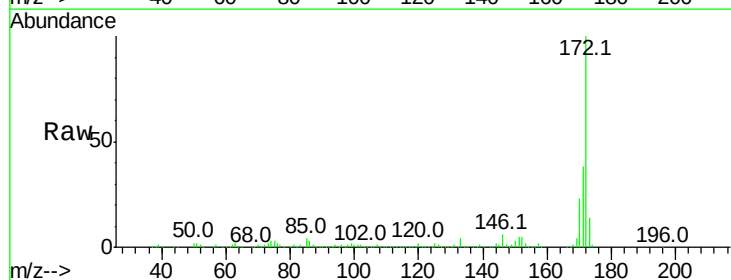
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.863 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	23.2	19.5	29.3

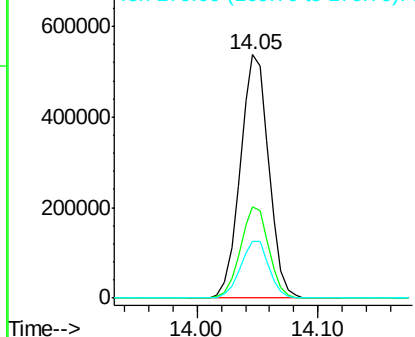
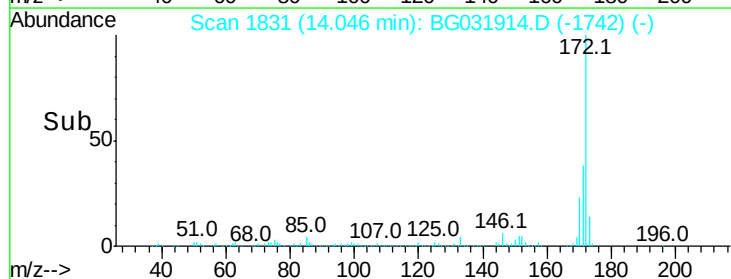


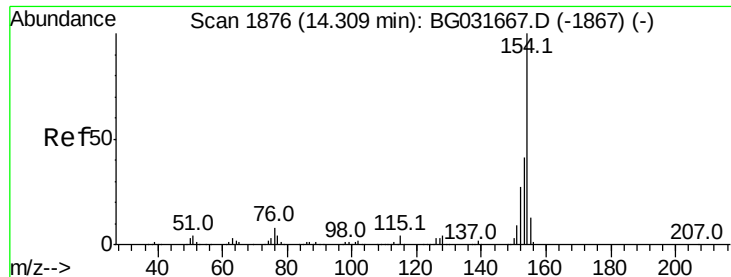
Abundance

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: 39.504 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

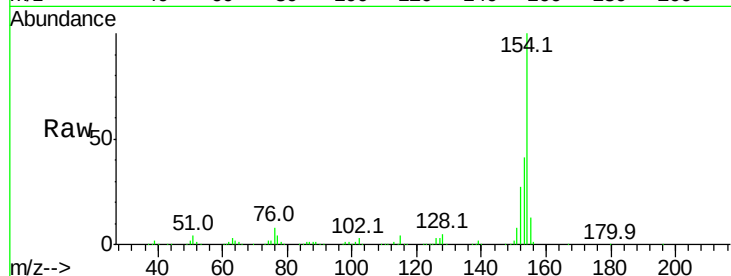
Tot Ion:154 Resp: 478788

Ion Ratio Lower Upper

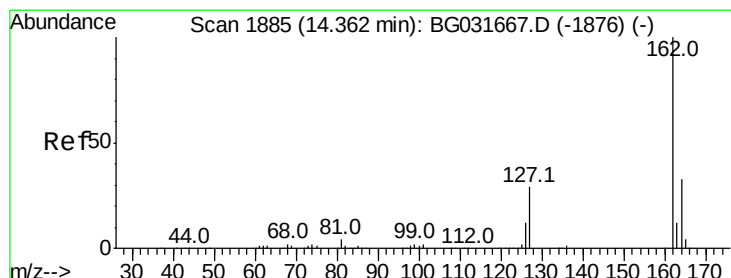
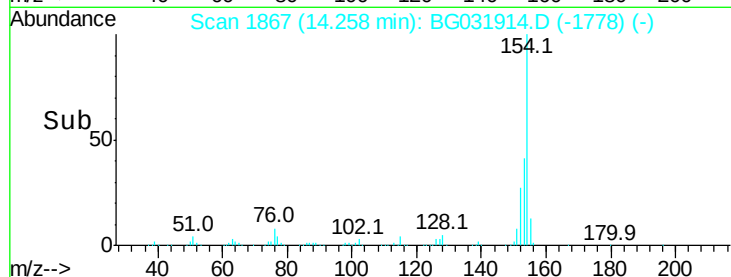
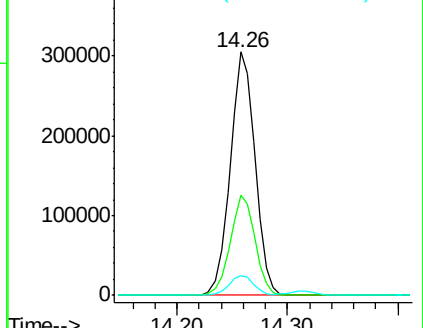
154 100

153 40.9 19.8 59.8

76 7.8 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: 39.417 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

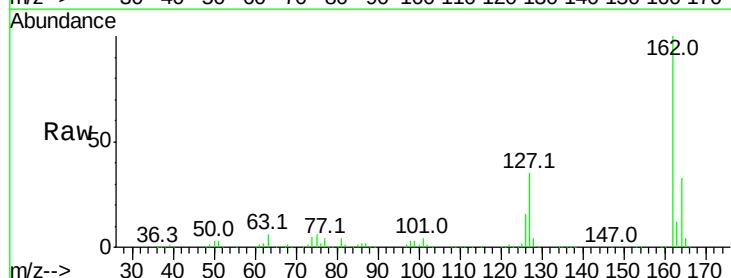
Tgt Ion:162 Resp: 364393

Ion Ratio Lower Upper

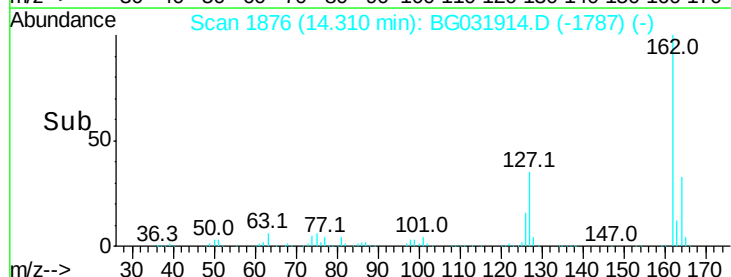
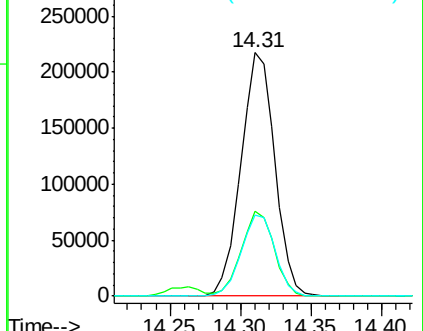
162 100

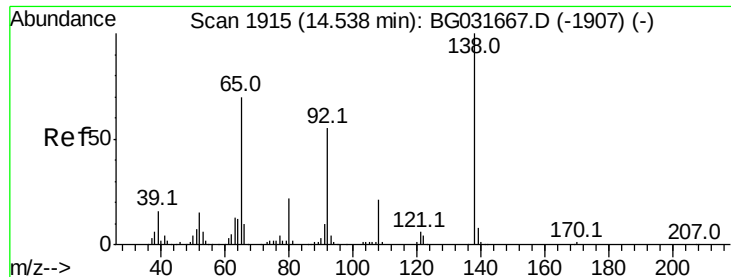
127 35.1 30.7 46.1

164 33.4 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

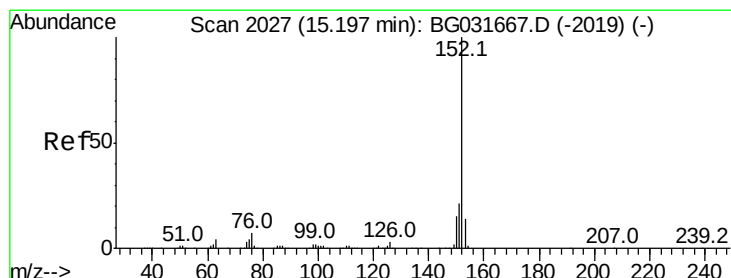
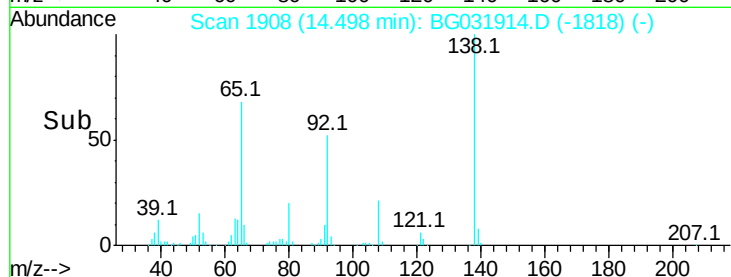
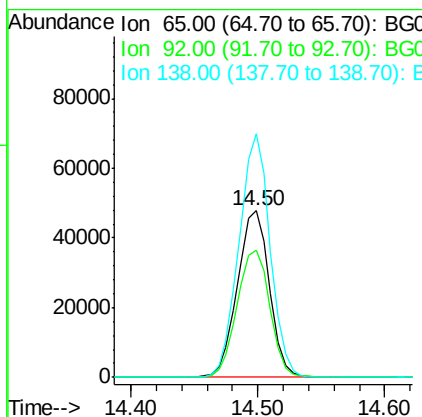
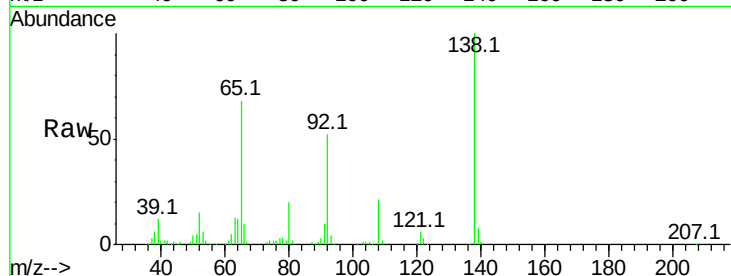




#47
2-Nitroaniline
Concen: 52.258 ng
RT: 14.50 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

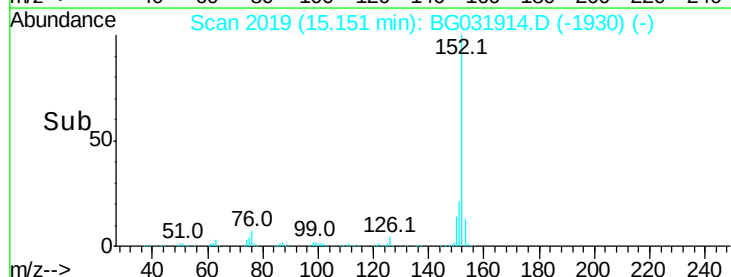
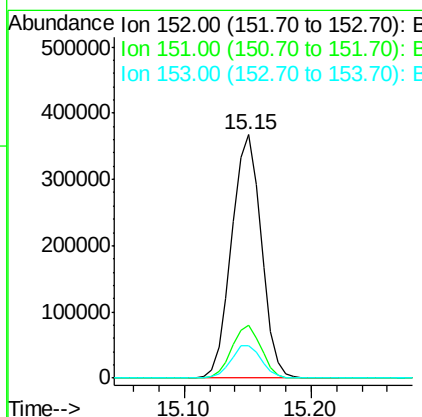
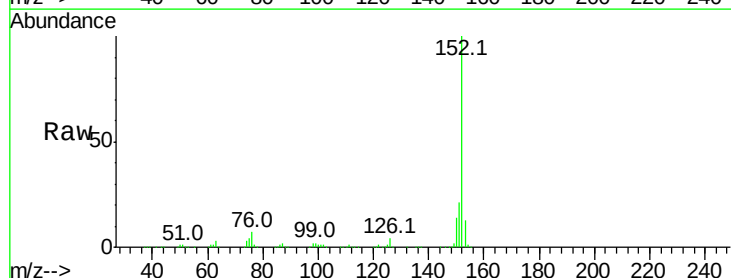
Instrument :
BNA_G
ClientSampleId :

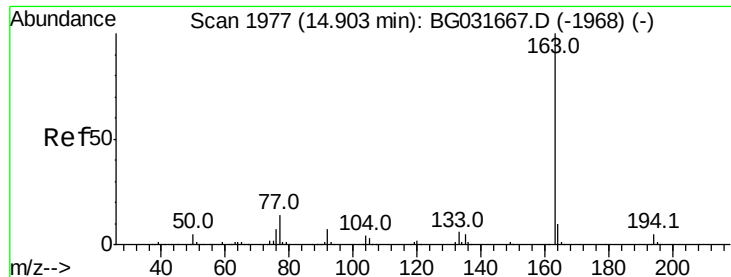
Tot Ion: 65 Resp: 83436
Ion Ratio Lower Upper
65 100
92 76.5 54.6 82.0
138 146.5 72.9 109.3#



#48
Acenaphthylene
Concen: 40.144 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:152 Resp: 593717
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 40.596 ng

RT: 14.85 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

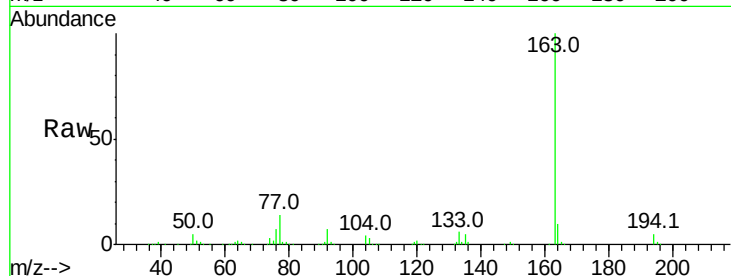
Tot Ion:163 Resp: 507498

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

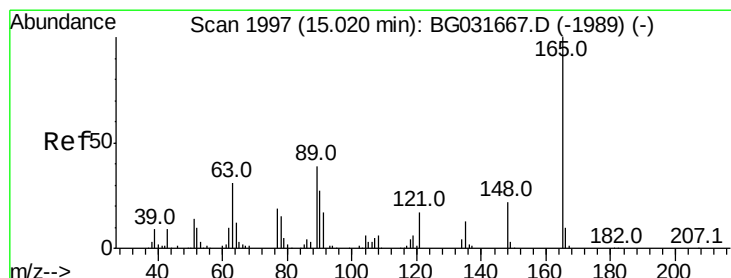
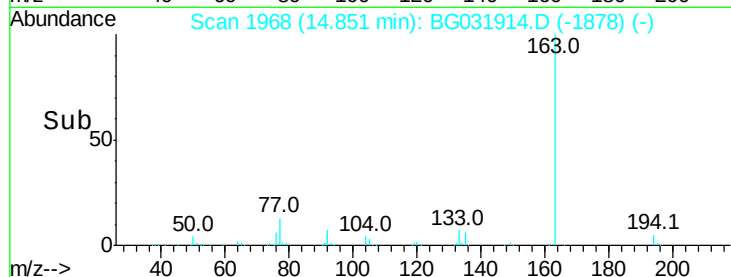
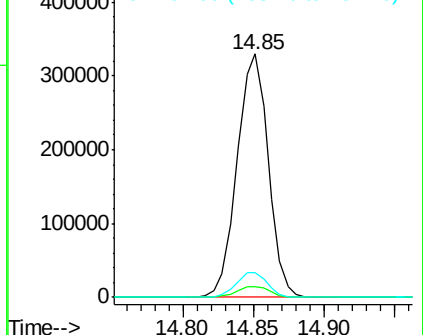
164 10.3 8.2 12.4



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: 48.106 ng

RT: 14.97 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

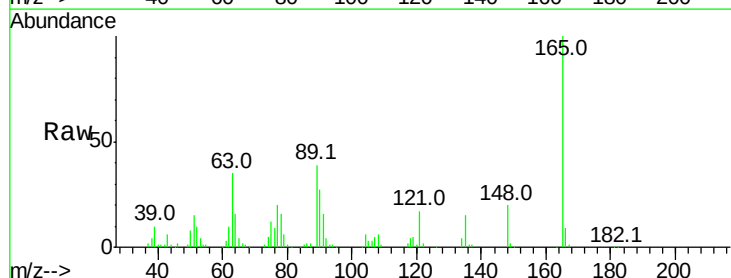
Tgt Ion:165 Resp: 110631

Ion Ratio Lower Upper

165 100

63 35.5 52.7 79.1#

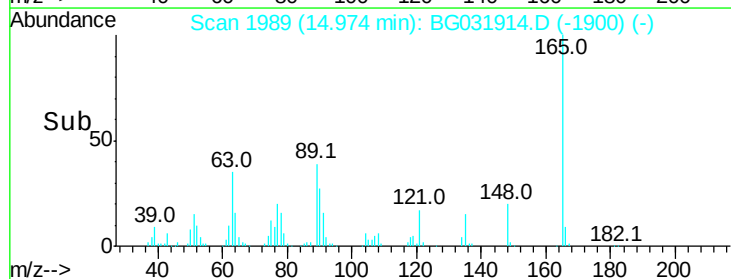
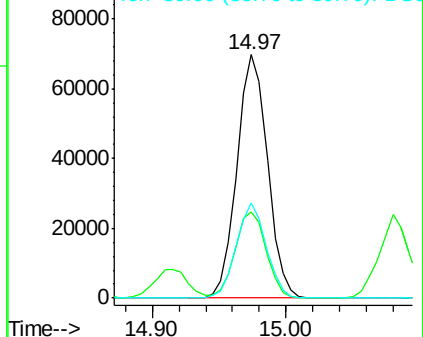
89 39.2 49.2 73.8#

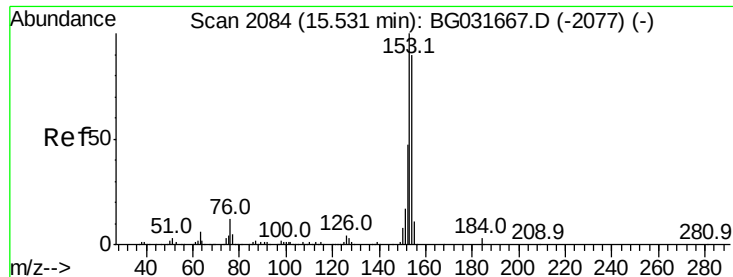


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.536 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

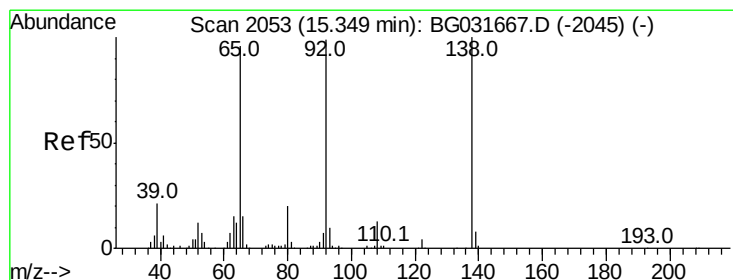
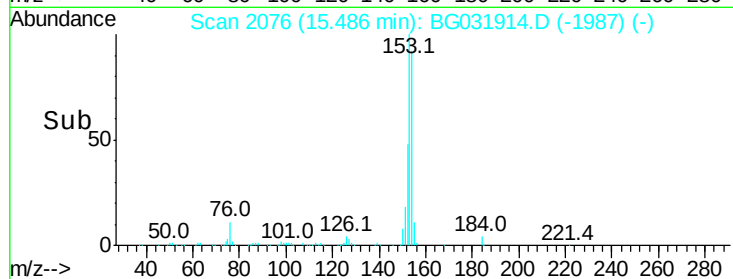
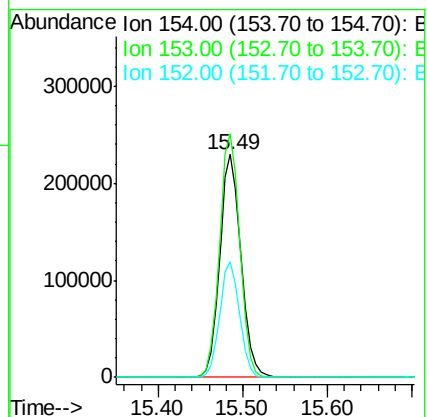
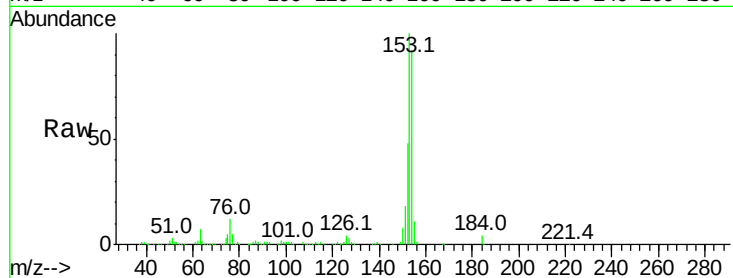
Tot Ion:154 Resp: 402317

Ion	Ratio	Lower	Upper
154	100		
153	109.2	90.4	135.6
152	52.1	41.6	62.4

154 100

153 109.2 90.4 135.6

152 52.1 41.6 62.4



#52

3-Nitroaniline

Concen: 47.969 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

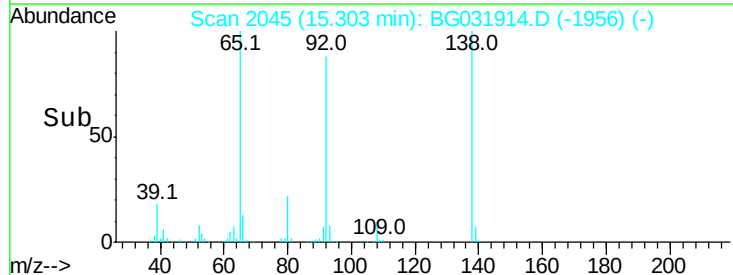
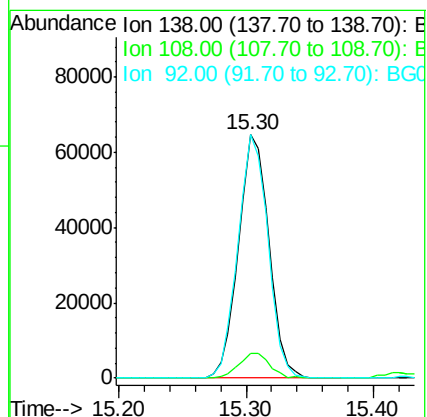
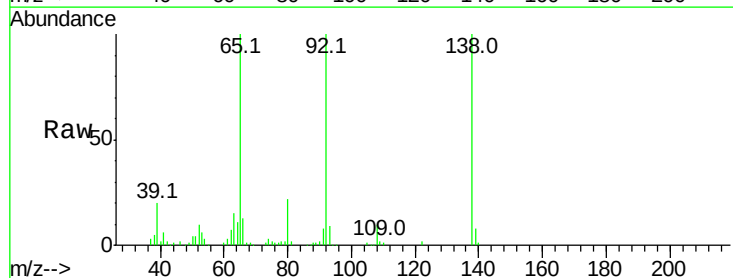
Tgt Ion:138 Resp: 107628

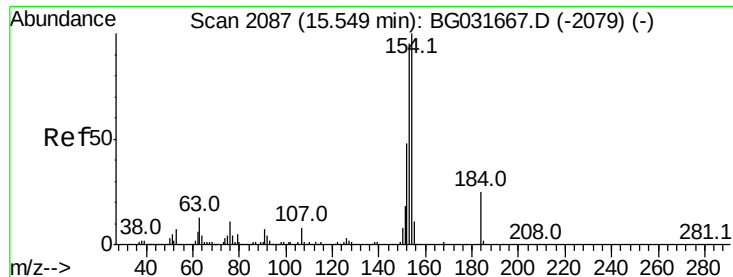
Ion	Ratio	Lower	Upper
138	100		
108	10.3	17.5	26.3#
92	100.1	105.8	158.8#

138 100

108 10.3 17.5 26.3#

92 100.1 105.8 158.8#

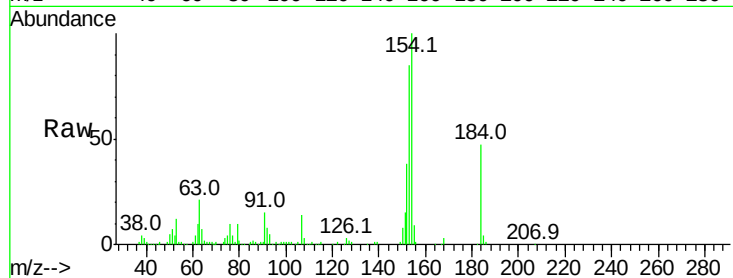




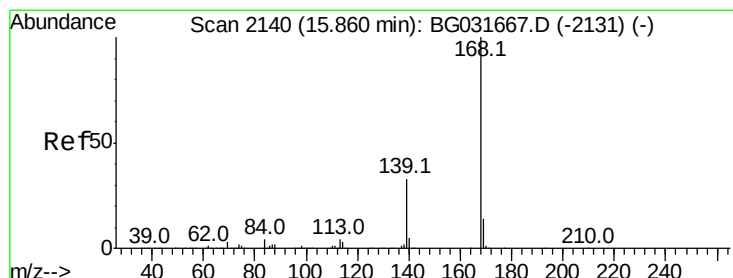
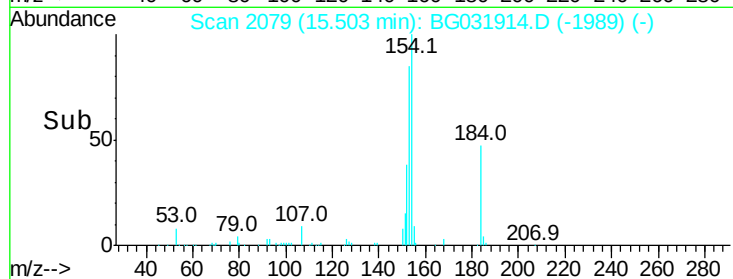
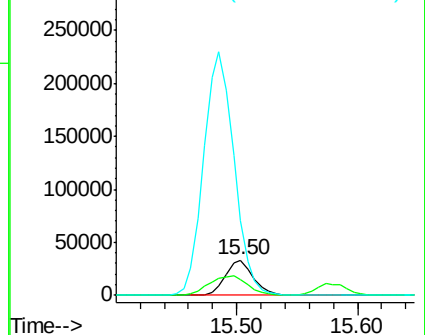
#53
2,4-Dinitrophenol
Concen: 57.411 ng
RT: 15.50 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 53761
Ion Ratio Lower Upper
184 100
63 43.6 59.8 89.8#
154 212.6 101.8 152.8#

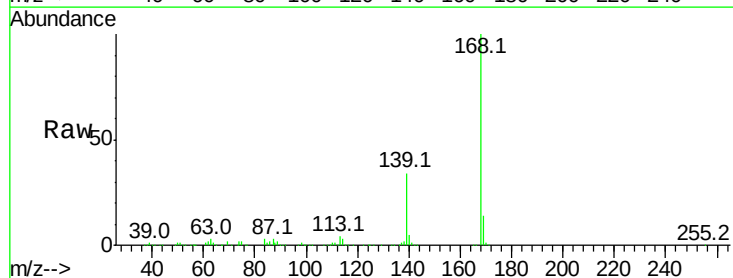


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

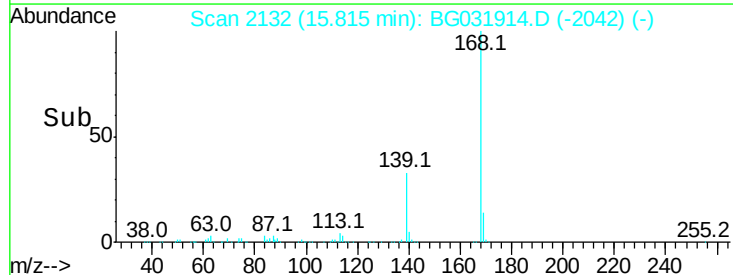
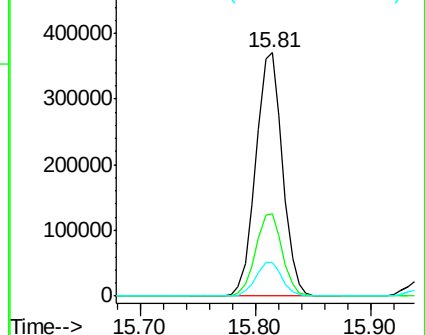


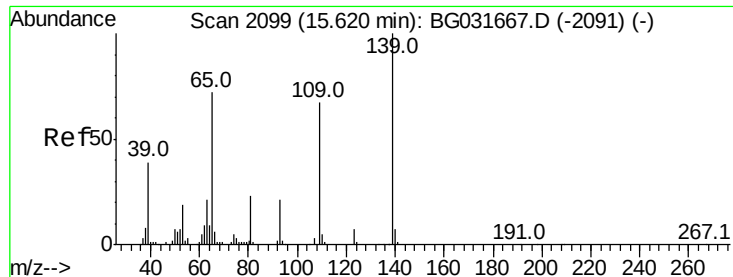
#54
Dibenzofuran
Concen: 40.174 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:168 Resp: 596489
Ion Ratio Lower Upper
168 100
139 33.8 28.6 43.0
169 13.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 48.696 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

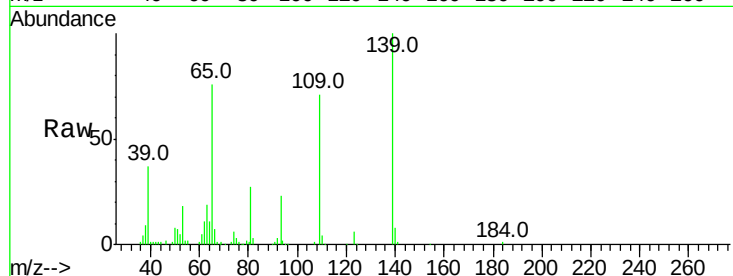
Tot Ion:139 Resp: 88926

Ion Ratio Lower Upper

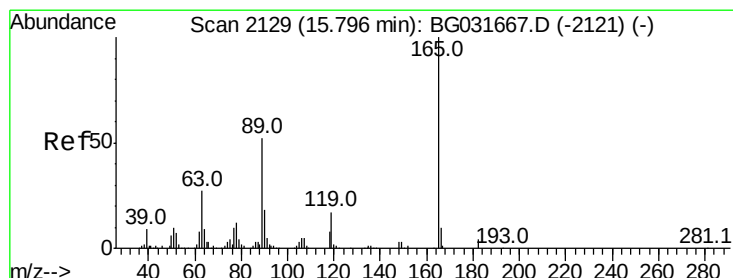
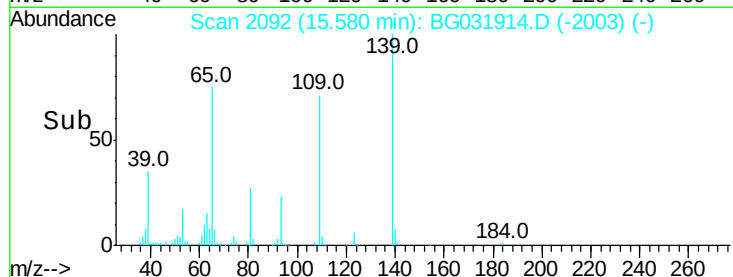
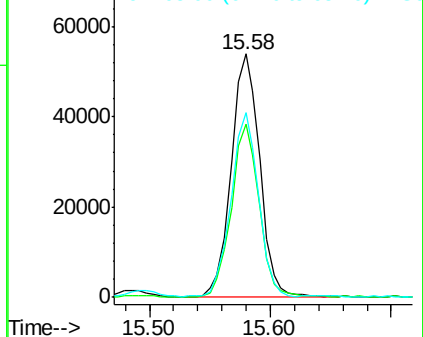
139 100

109 71.4 62.2 102.2

65 75.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 53.483 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Tgt Ion:165 Resp: 158155

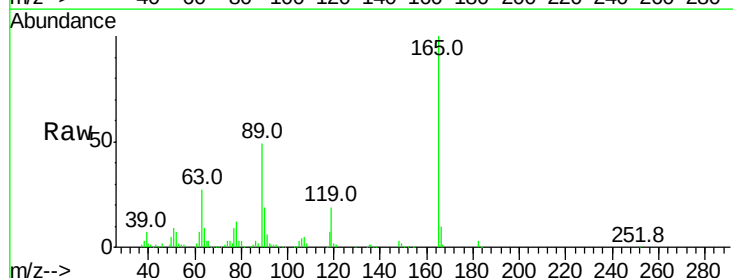
Ion Ratio Lower Upper

165 100

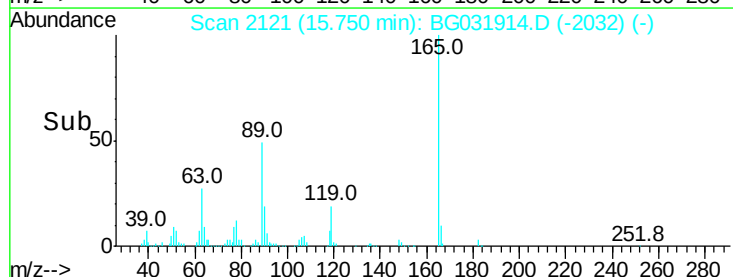
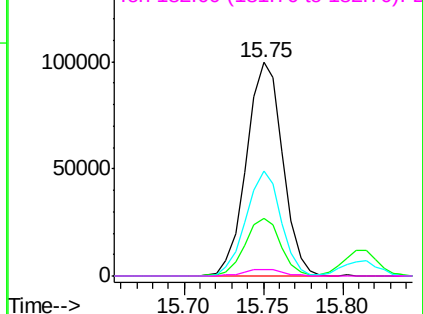
63 27.0 42.0 63.0#

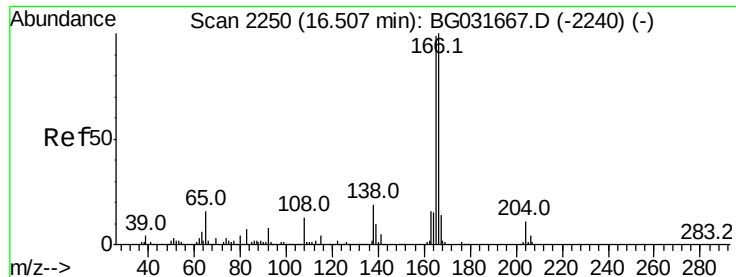
89 49.0 66.9 100.3#

182 3.3 2.6 3.8



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

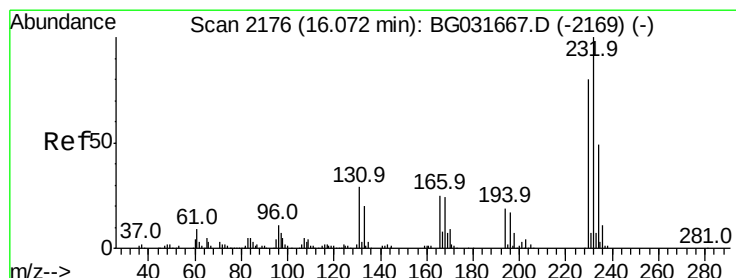
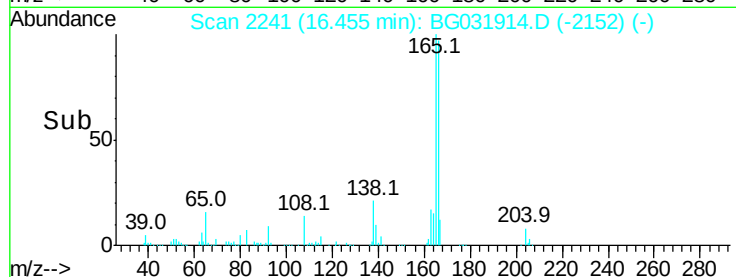
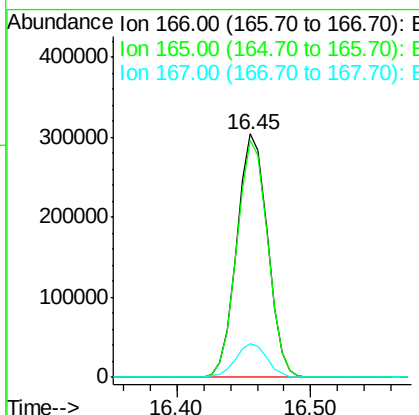
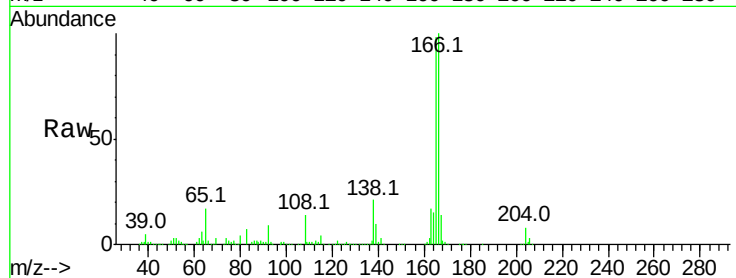




#57
Fluorene
Concen: 40.095 ng
RT: 16.45 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

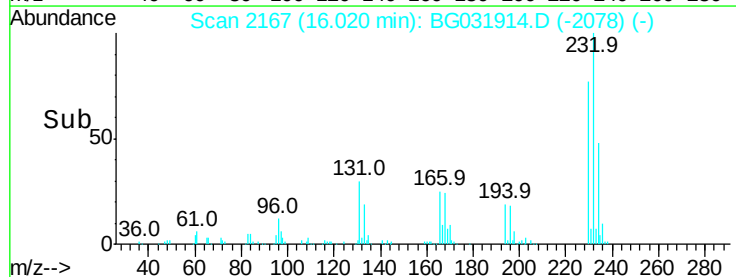
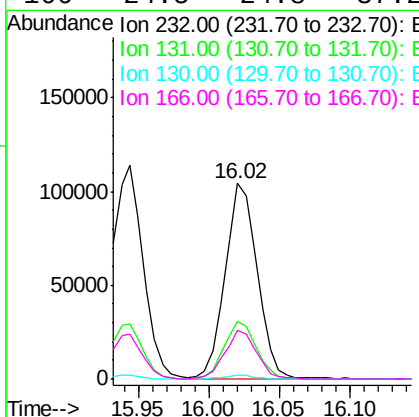
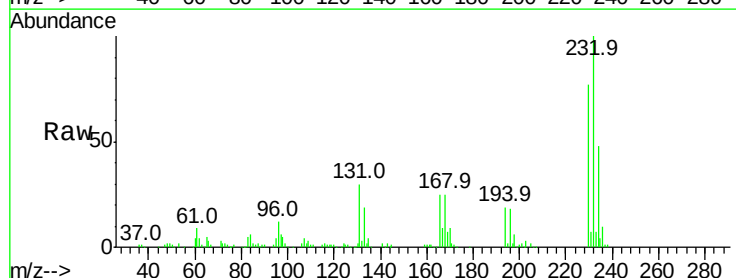
Instrument :
BNA_G
ClientSampleId :

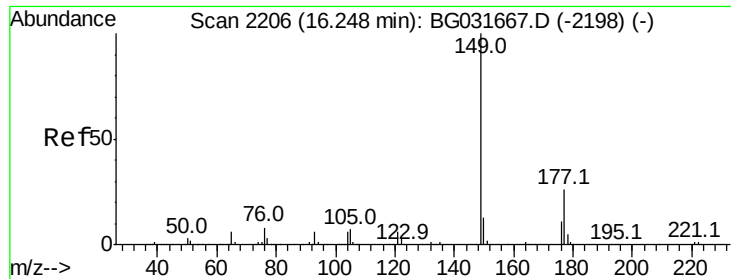
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.6	121.0
167	13.8	10.4	15.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.147 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.9	33.5	50.3#
130	1.8	2.2	3.2#
166	24.5	24.8	37.2#

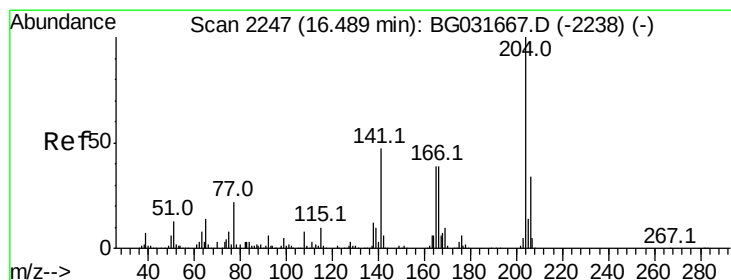
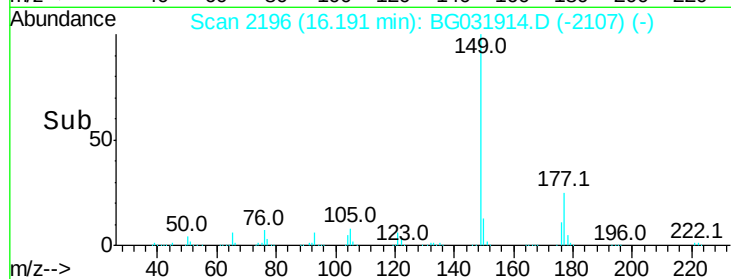
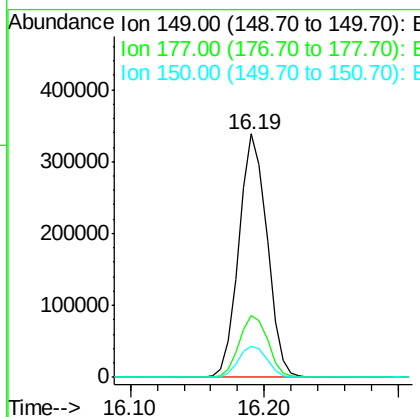
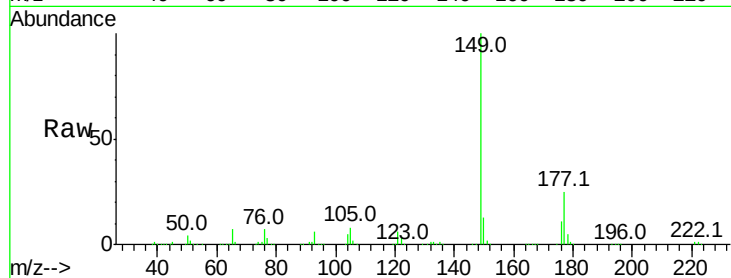




#59
Diethylphthalate
Concen: 40.410 ng
RT: 16.19 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

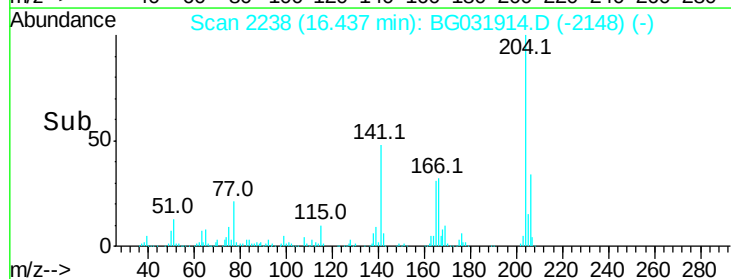
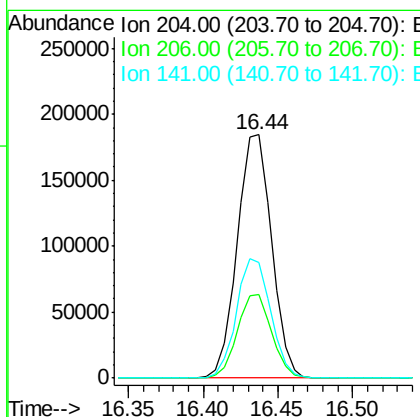
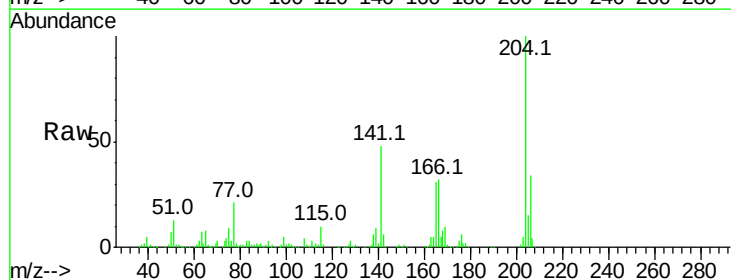
Instrument :
BNA_G
ClientSampleId :

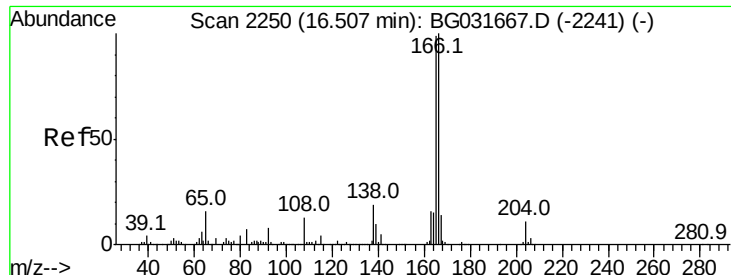
Tot Ion:149 Resp: 492376
Ion Ratio Lower Upper
149 100
177 25.5 18.5 27.7
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.044 ng
RT: 16.44 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:204 Resp: 295531
Ion Ratio Lower Upper
204 100
206 34.3 26.2 39.2
141 47.7 45.8 68.6





#61

4-Nitroaniline

Concen: 51.665 ng

RT: 16.46 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

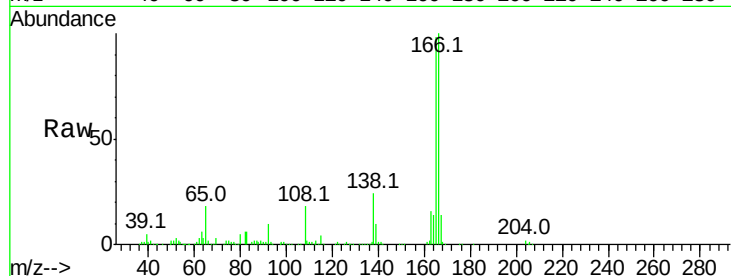
Tot Ion:138 Resp: 113120

Ion Ratio Lower Upper

138 100

92 41.5 40.1 80.1

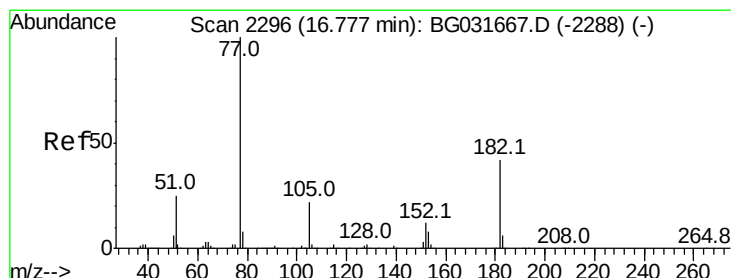
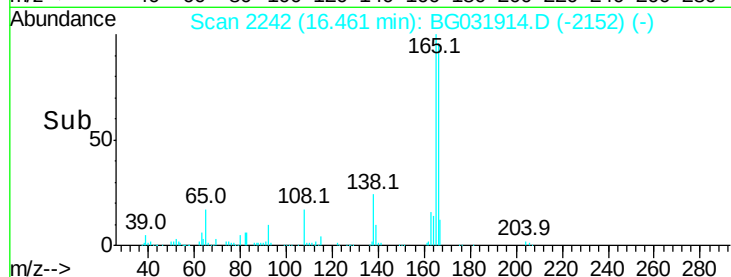
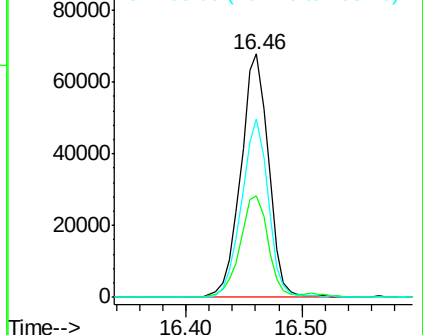
108 73.3 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.957 ng

RT: 16.73 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Tgt Ion: 77 Resp: 312224

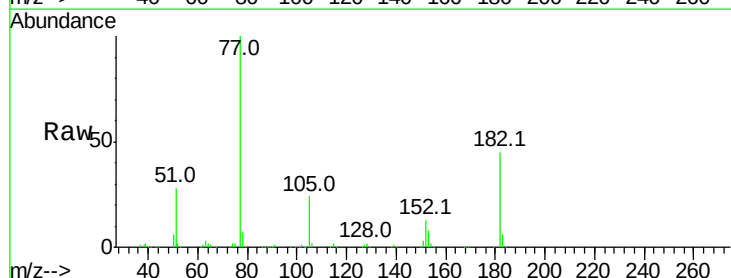
Ion Ratio Lower Upper

77 100

182 44.8 7.4 47.4

105 23.8 0.3 40.3

51 27.6 11.6 51.6

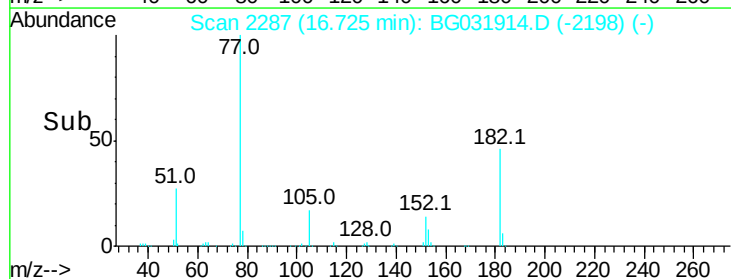
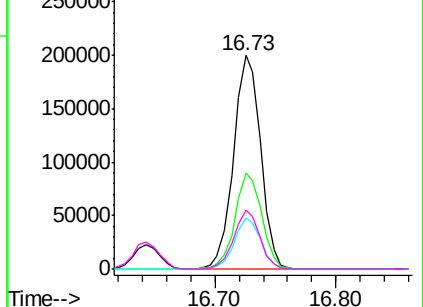


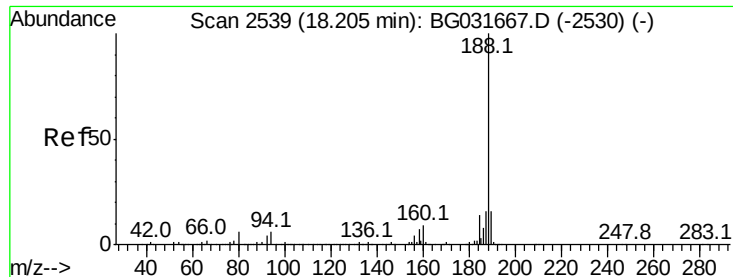
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

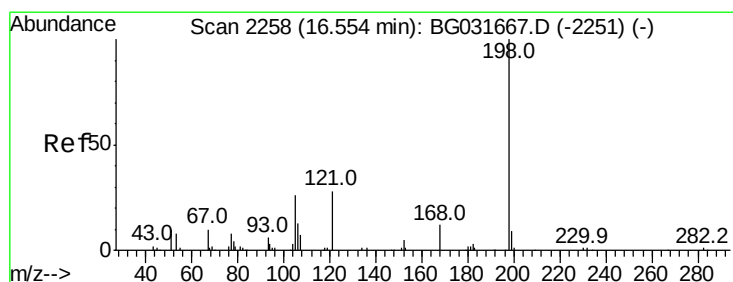
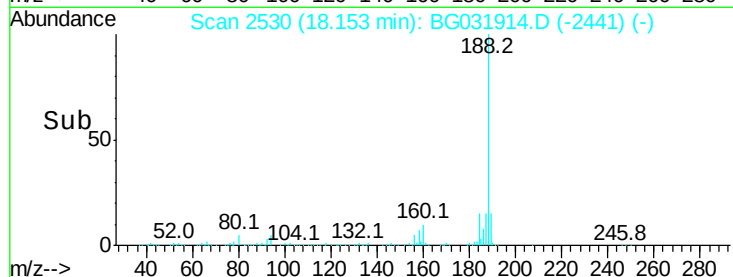
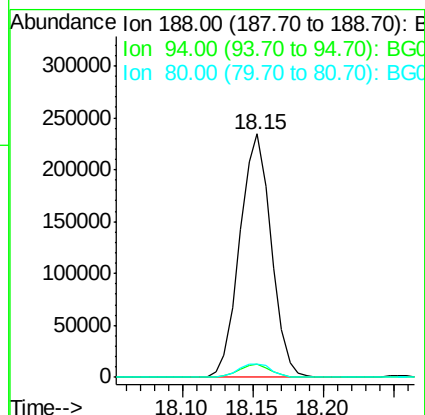
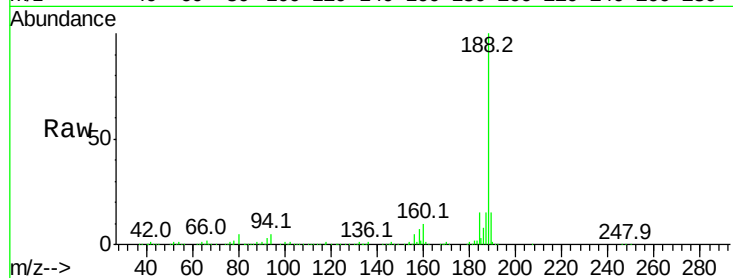




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

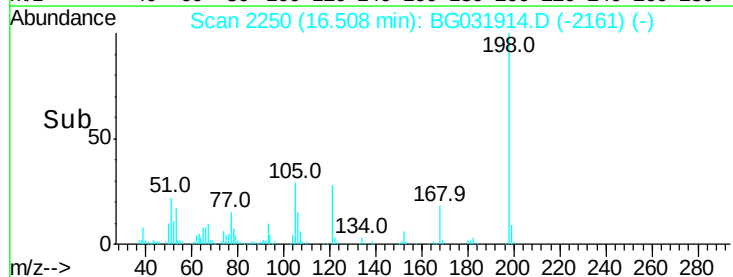
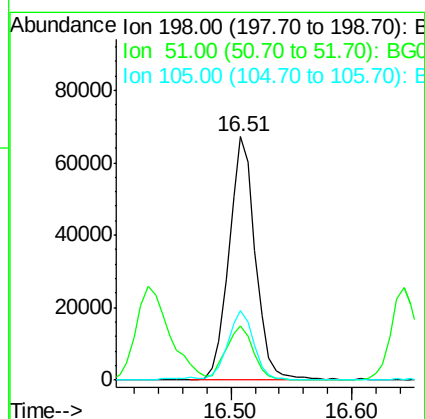
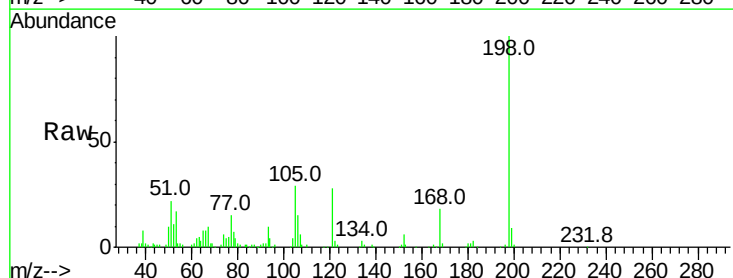
Instrument :
BNA_G
ClientSampleId :

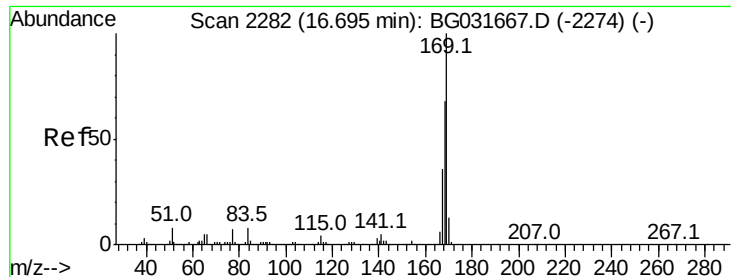
Tot Ion:188 Resp: 364129
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 55.742 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:198 Resp: 101612
Ion Ratio Lower Upper
198 100
51 22.3 30.6 70.6#
105 28.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.618 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

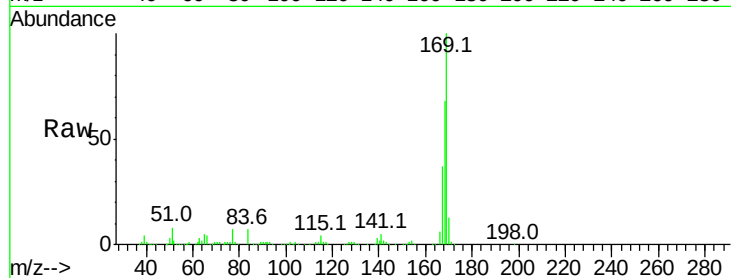
Tot Ion:169 Resp: 467030

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

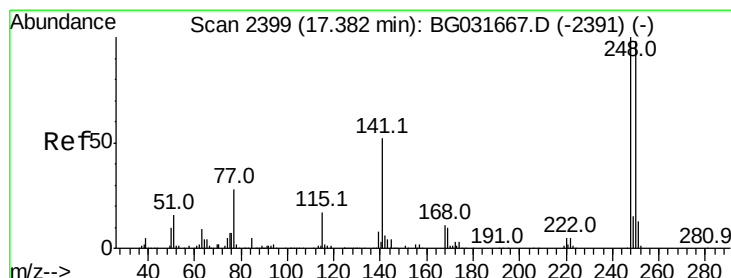
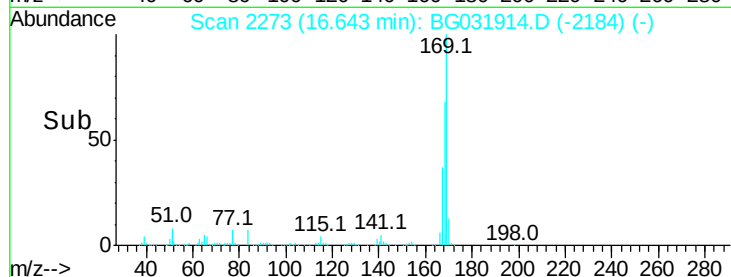
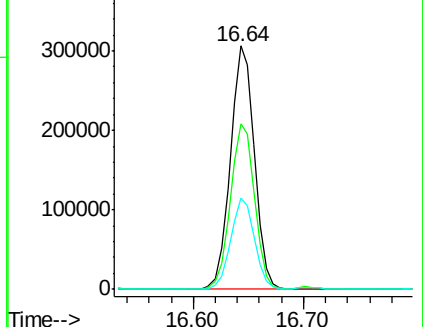
167 37.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.329 ng

RT: 17.32 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

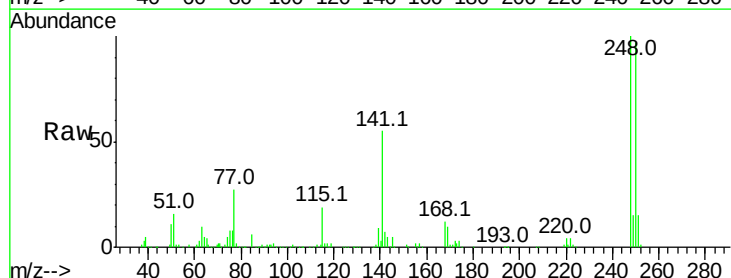
Tgt Ion:248 Resp: 207090

Ion Ratio Lower Upper

248 100

250 97.4 77.1 115.7

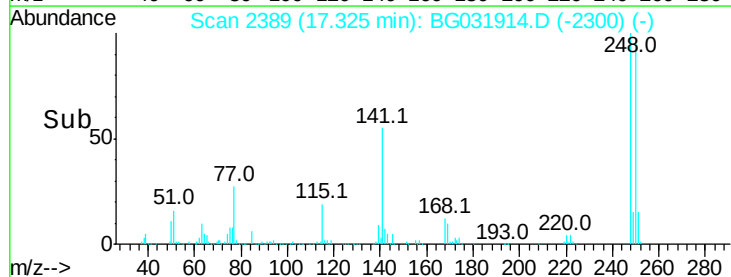
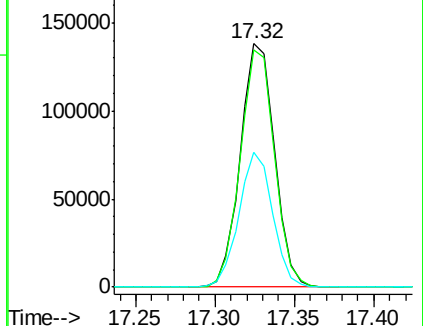
141 55.4 50.8 76.2

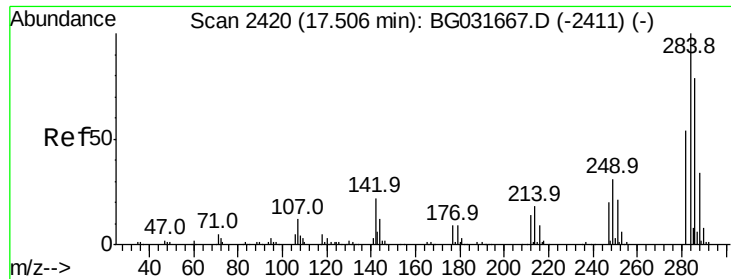


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

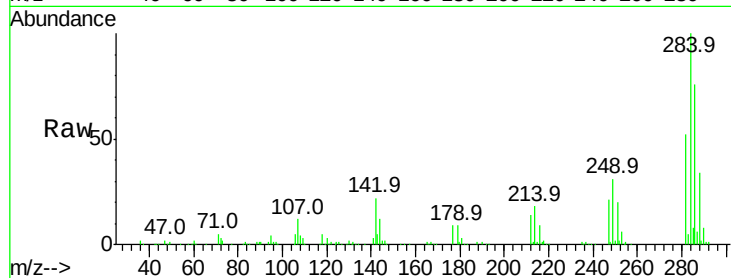




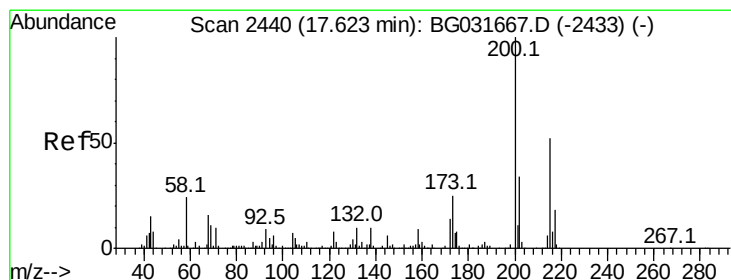
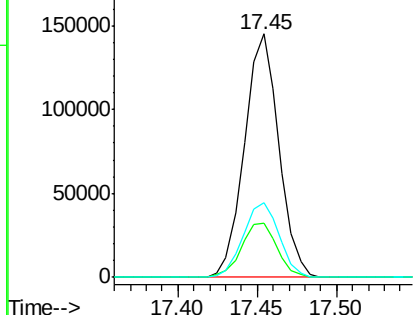
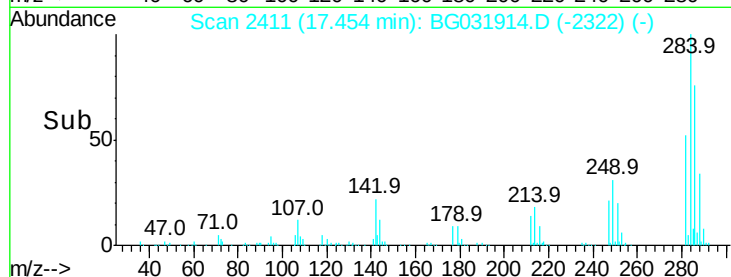
#67
Hexachlorobenzene
Concen: 40.526 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.4	26.8	40.2#
249	30.9	26.3	39.5

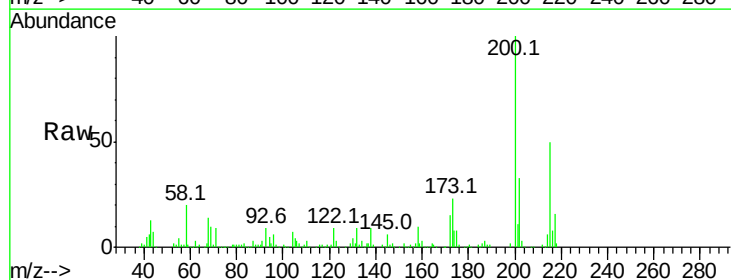


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

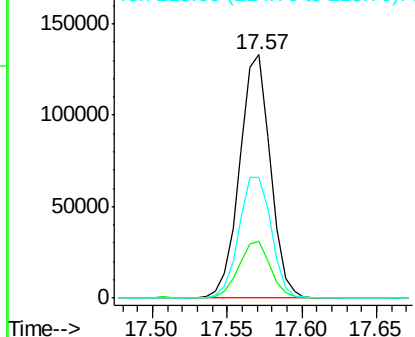
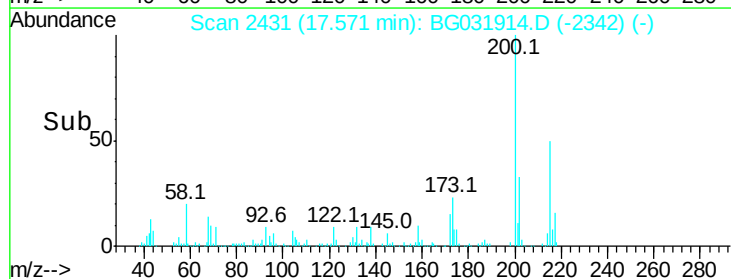


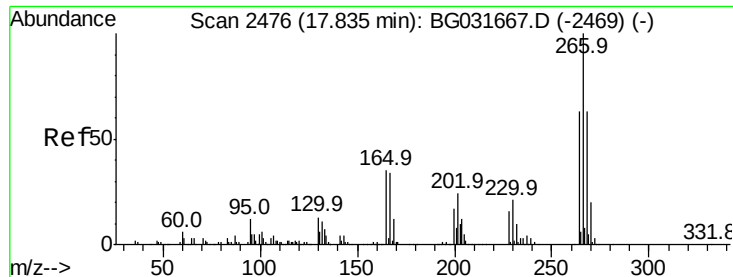
#68
Atrazine
Concen: 40.341 ng
RT: 17.57 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	5.2	45.2
215	49.7	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

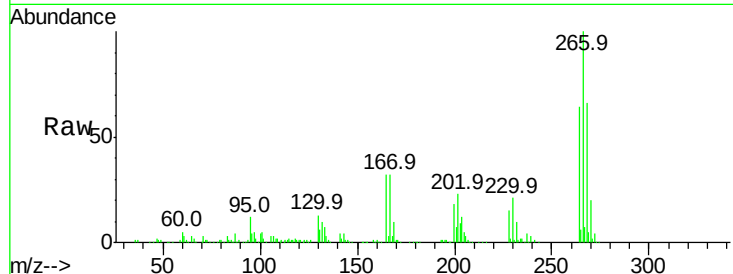




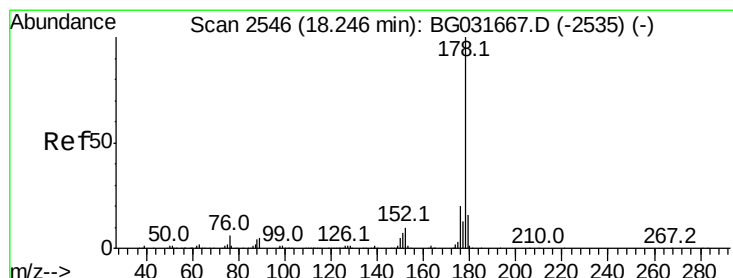
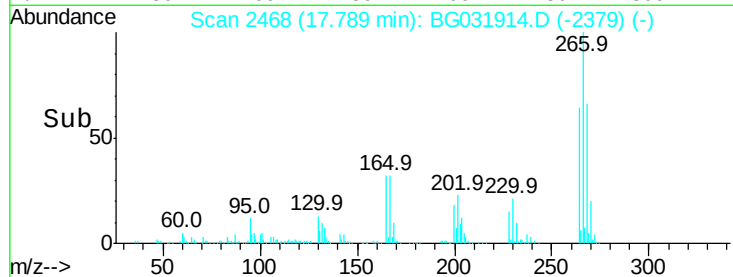
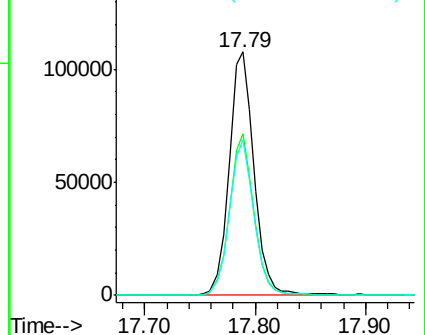
#69
 Pentachlorophenol
 Concen: 45.810 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	266	Resp:	169606
Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	63.9	49.6	74.4

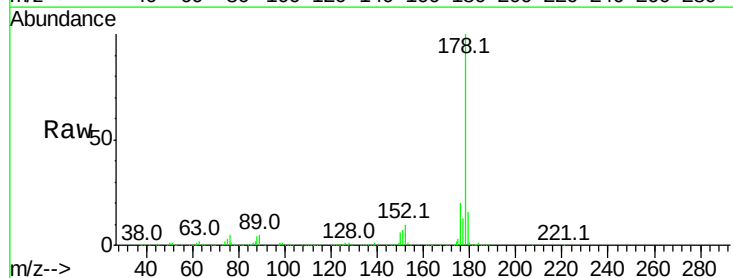


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

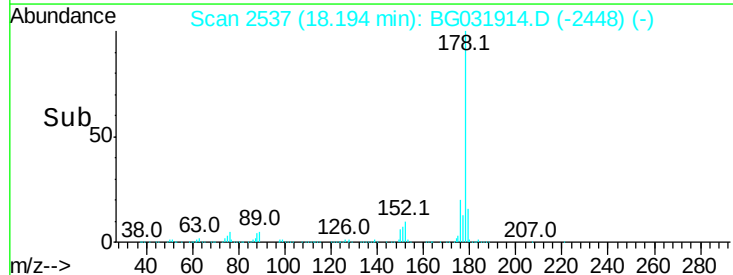
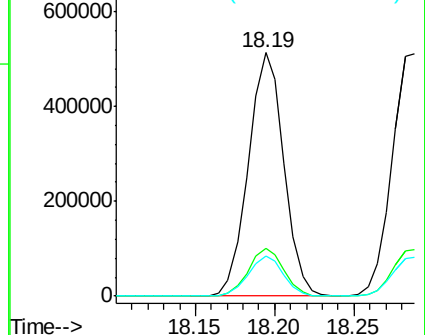


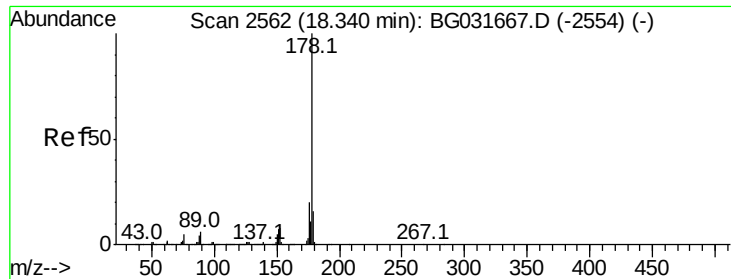
#70
 Phenanthrene
 Concen: 38.708 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Tgt Ion:	178	Resp:	797656
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.3	12.5	18.7



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





#71

Anthracene

Concen: 39.040 ng

RT: 18.29 min Scan# 2553

Delta R.T. 0.00 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

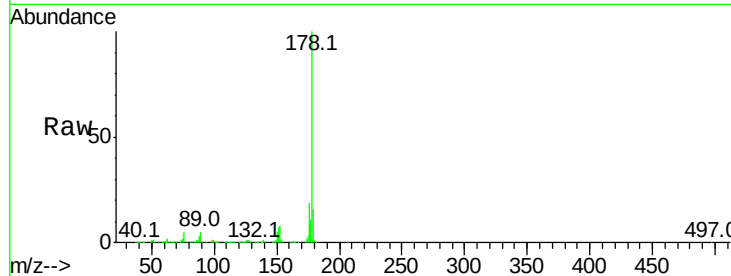
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 811527

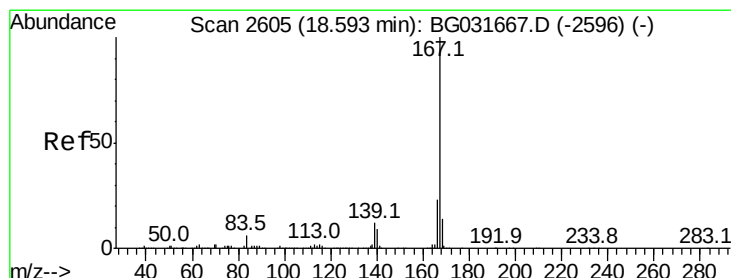
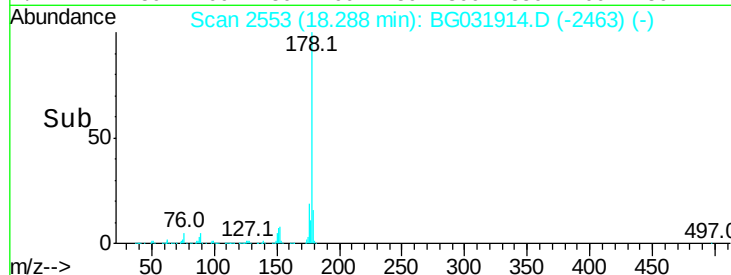
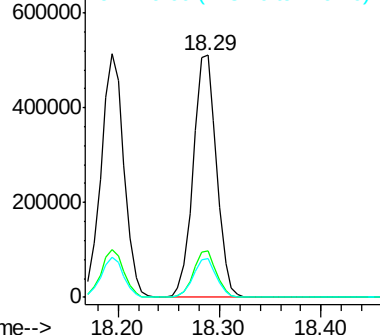
Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.9	12.5	18.7



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



#72

Carbazole

Concen: 39.966 ng

RT: 18.54 min Scan# 2596

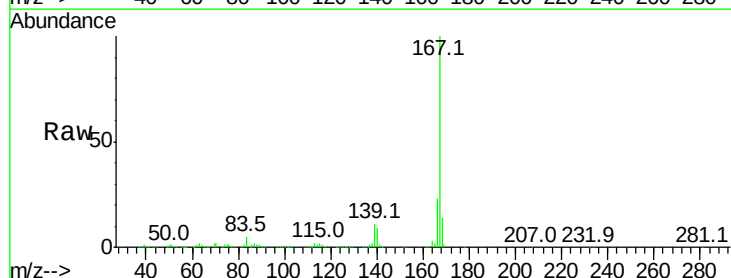
Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Tgt Ion:167 Resp: 735316

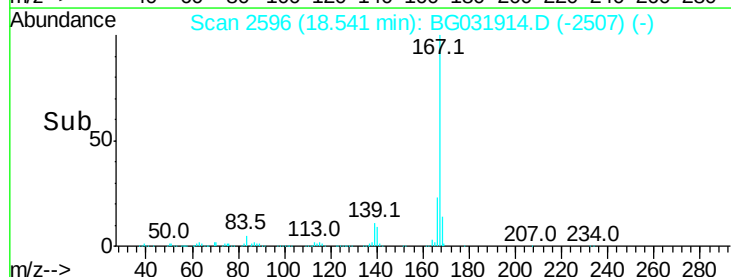
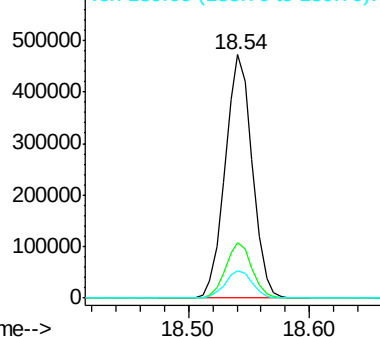
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	11.3	9.4	14.2

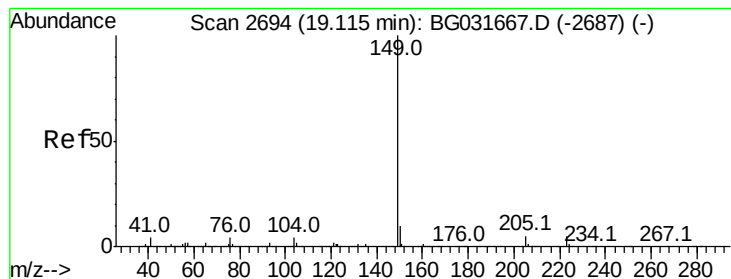


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.389 ng

RT: 19.05 min Scan# 2683

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

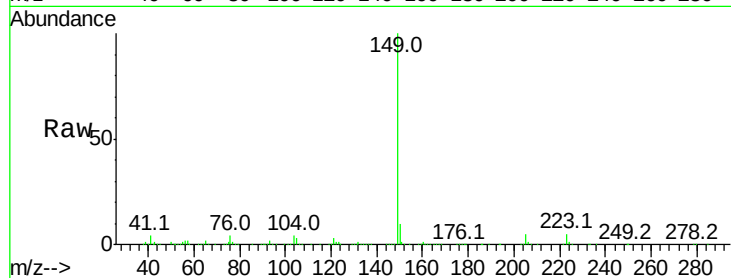
Tot Ion:149 Resp: 825830

Ion Ratio Lower Upper

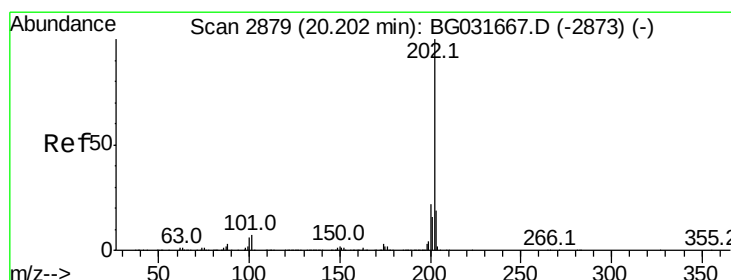
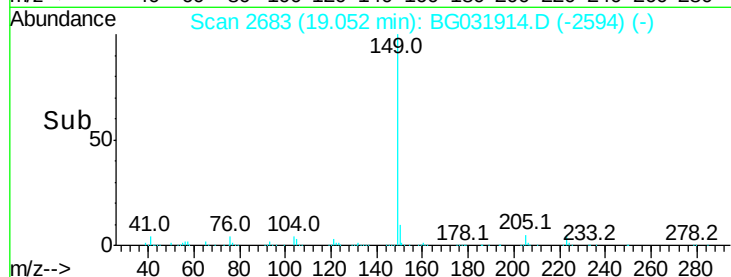
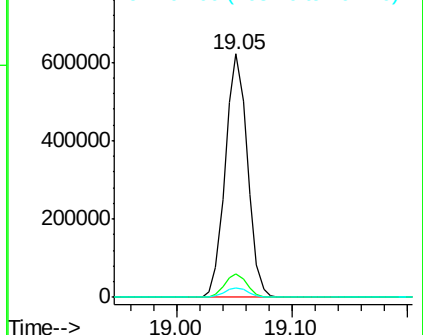
149 100

150 9.8 7.8 11.6

104 4.0 3.9 5.9



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



#74

Fluoranthene

Concen: 39.696 ng

RT: 20.16 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

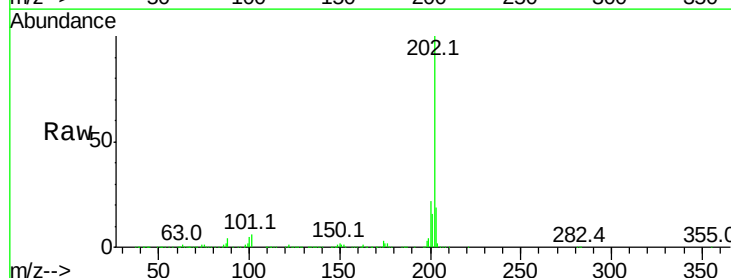
Tgt Ion:202 Resp: 1003696

Ion Ratio Lower Upper

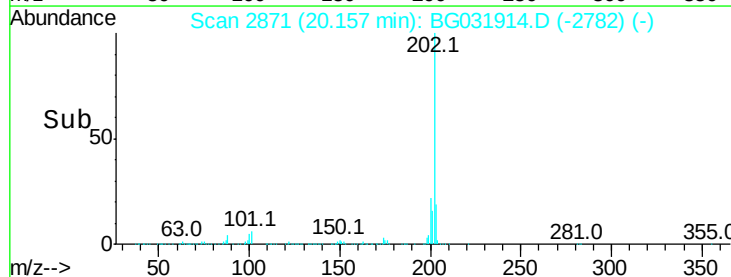
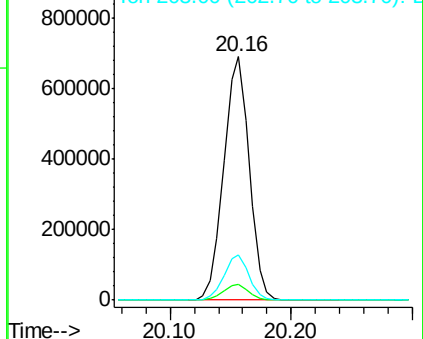
202 100

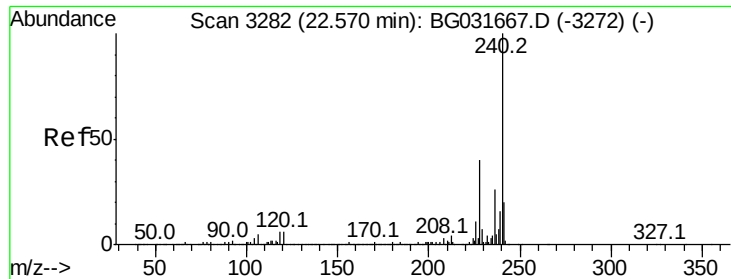
101 6.5 0.0 28.9

203 18.5 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3270

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

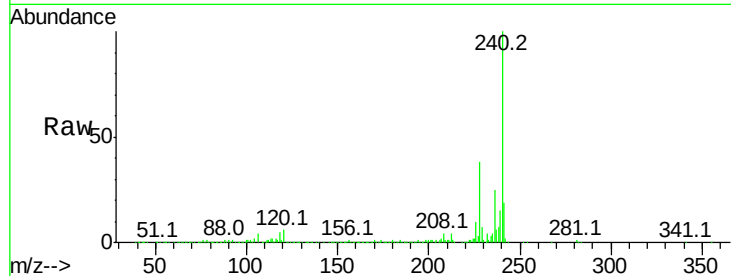
Tot Ion:240 Resp: 415926

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

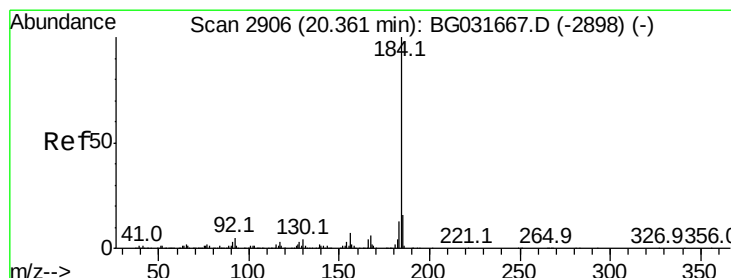
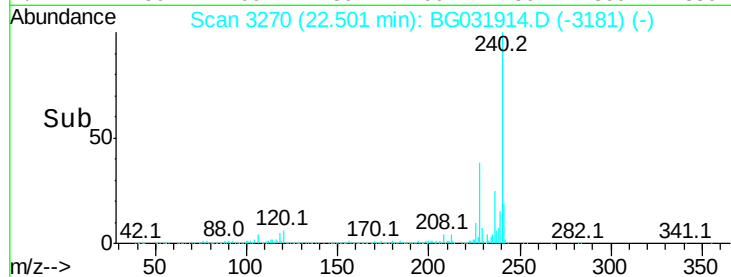
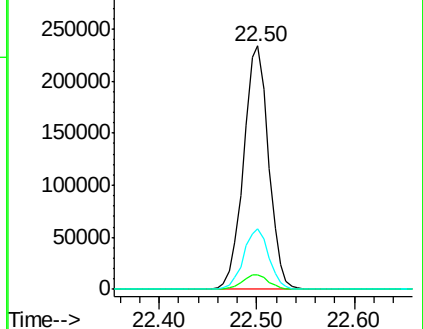
236 25.1 20.9 31.3



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: 31.602 ng

RT: 20.32 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

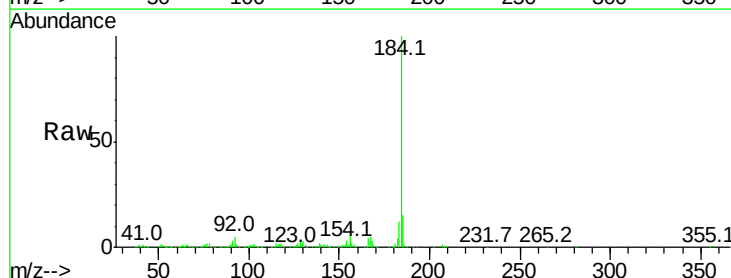
Tgt Ion:184 Resp: 405694

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

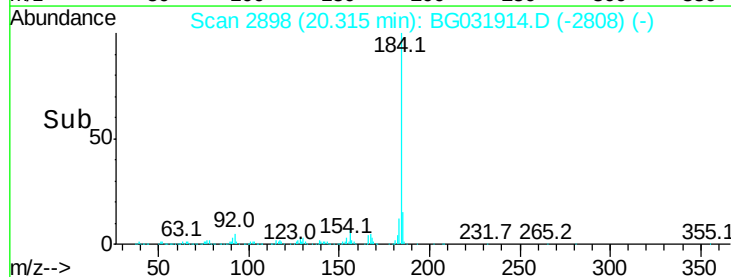
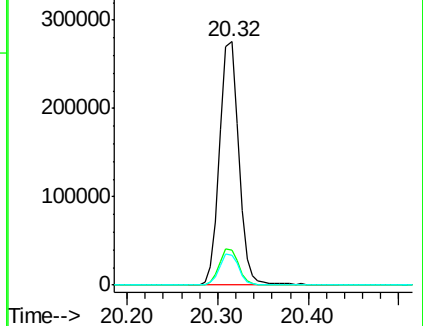
183 12.3 10.6 16.0

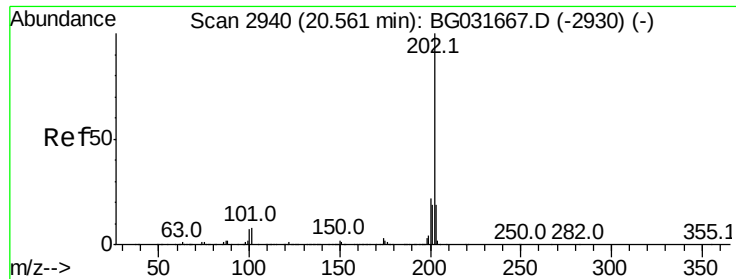


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.431 ng

RT: 20.51 min Scan# 2932

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

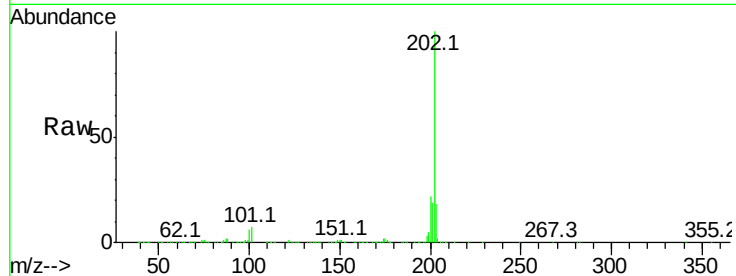
Tot Ion:202 Resp: 1021049

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.4	13.9	20.9

202 100

200 22.0 16.9 25.3

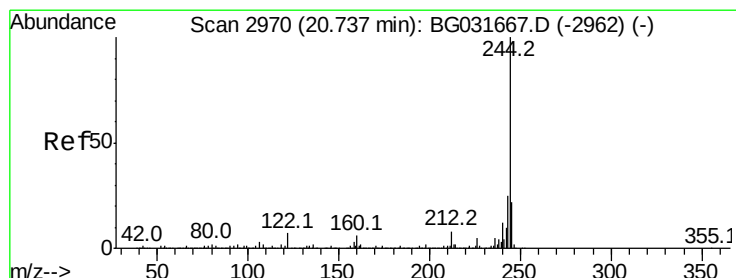
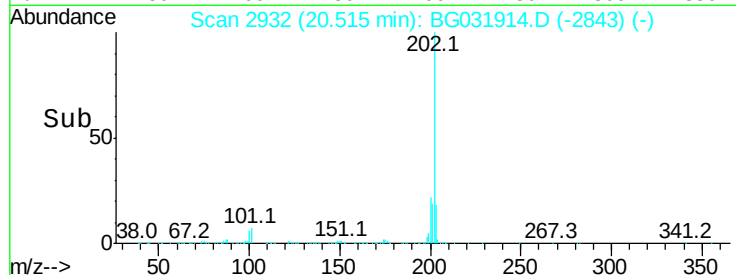
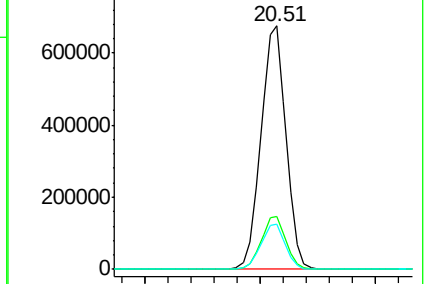
203 18.4 13.9 20.9



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: 78.002 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

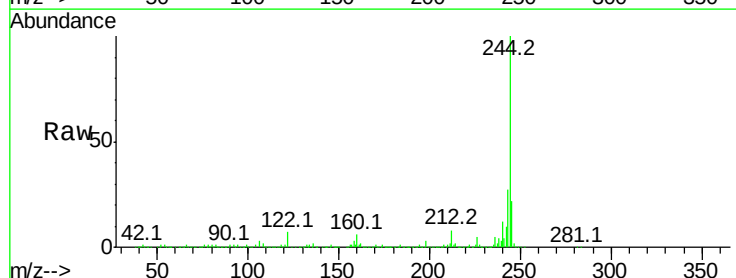
Tgt Ion:244 Resp: 1420042

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.2	7.0	10.4

244 100

212 7.5 5.8 8.8

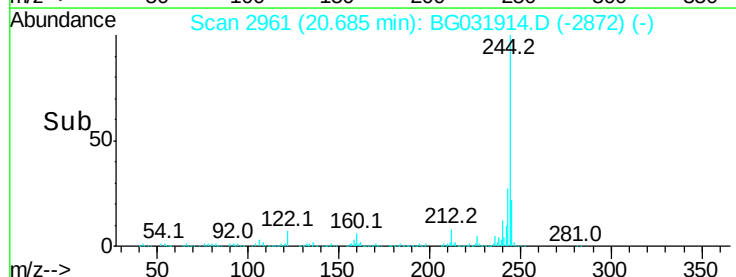
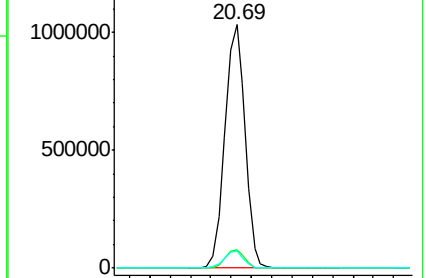
122 7.2 7.0 10.4

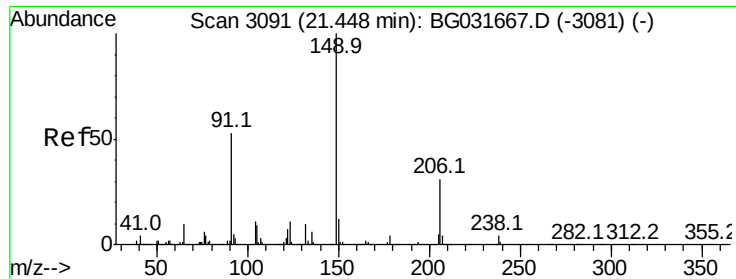


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

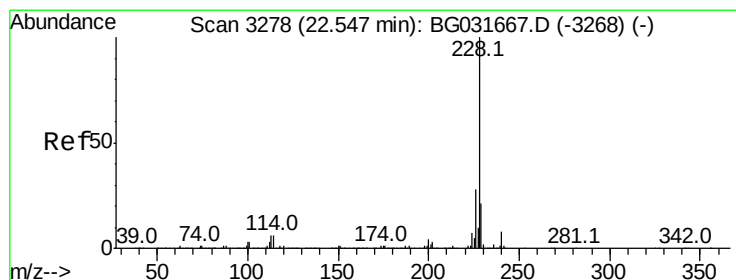
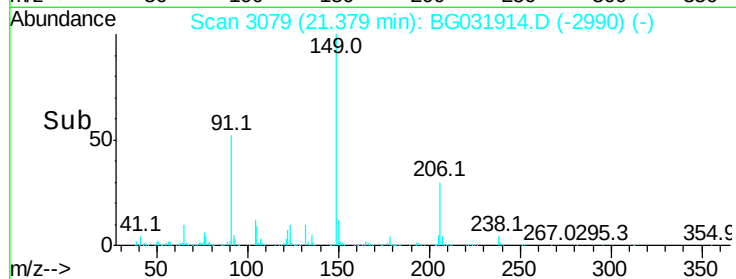
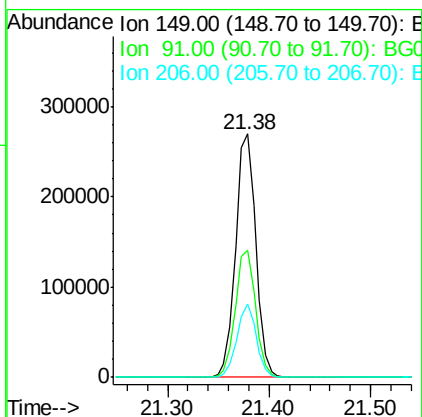
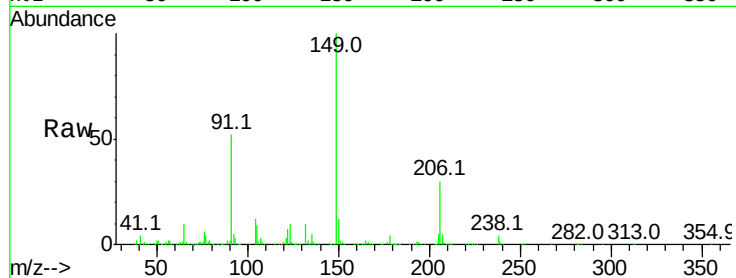




#79
Butylbenzylphthalate
Concen: 41.792 ng
RT: 21.38 min Scan# 3079
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

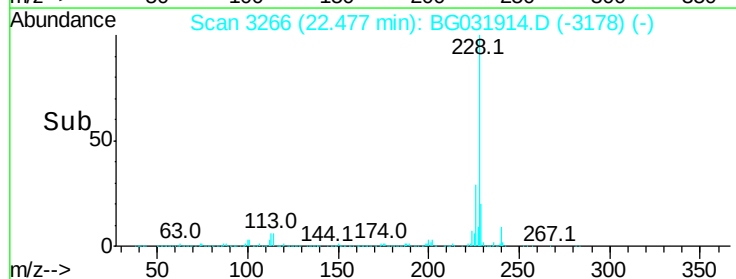
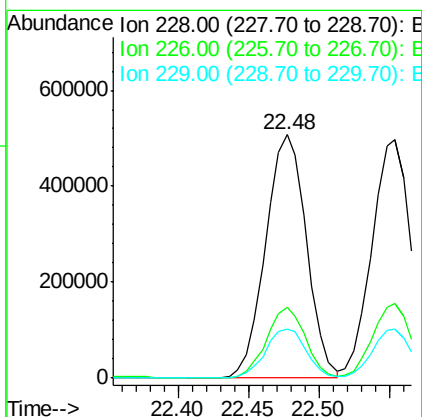
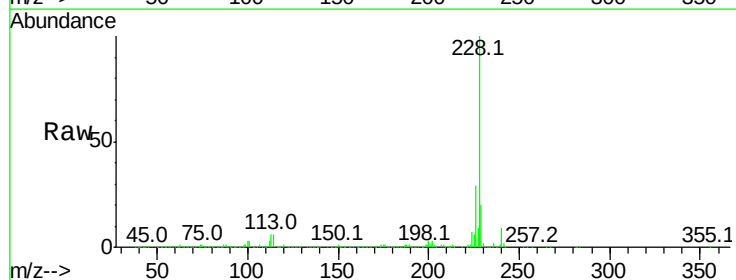
Instrument :
BNA_G
ClientSampleId :

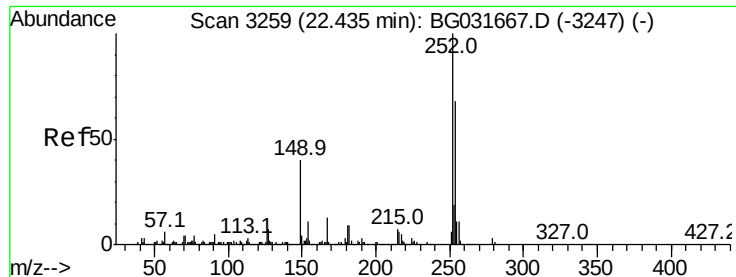
Tot Ion	Ratio	Lower	Upper
149	100		
91	52.3	62.2	93.2#
206	30.1	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 38.726 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	19.9	16.2	24.2

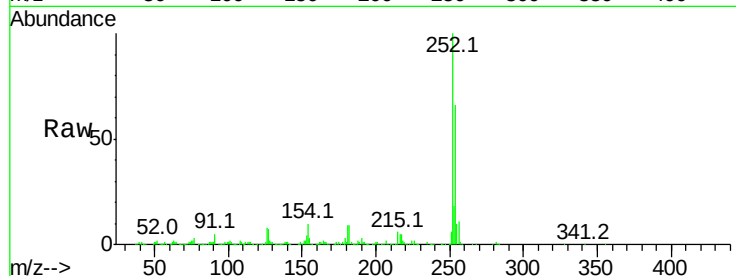




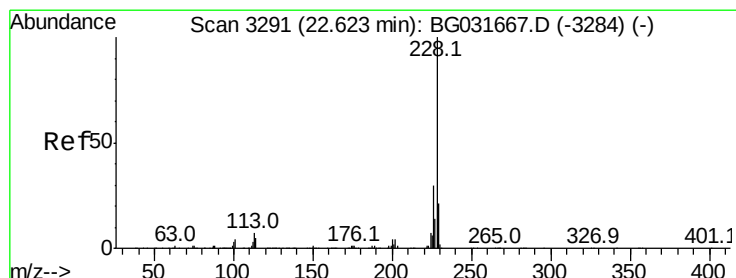
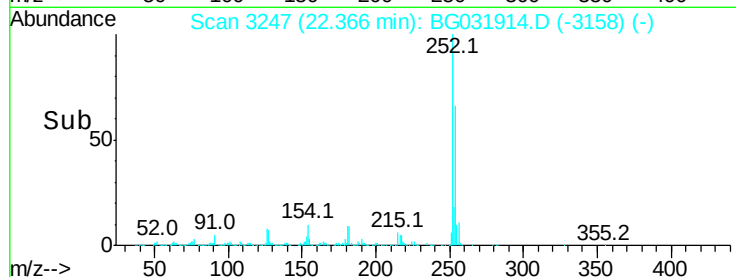
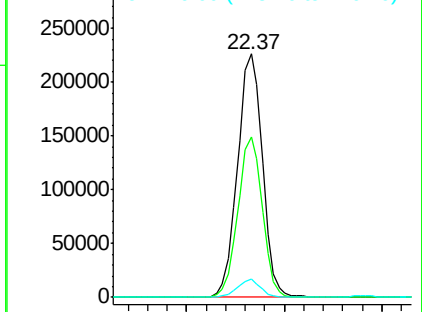
#81
 3,3'-Dichlorobenzidine
 Concen: 39.308 ng
 RT: 22.37 min Scan# 3247
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	7.6	7.4	11.2

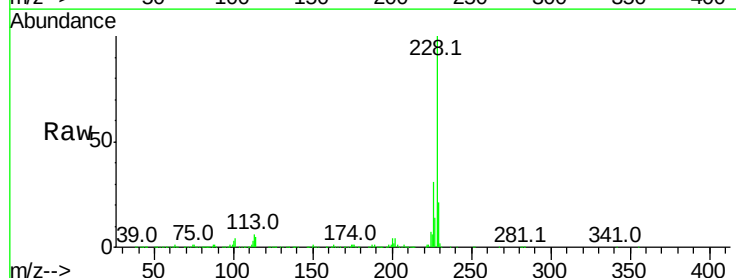


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

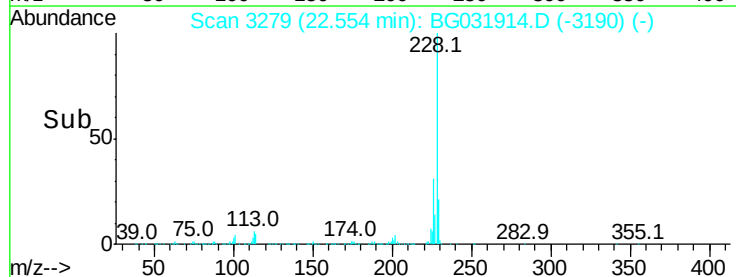
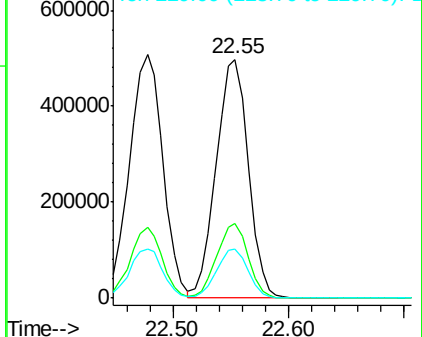


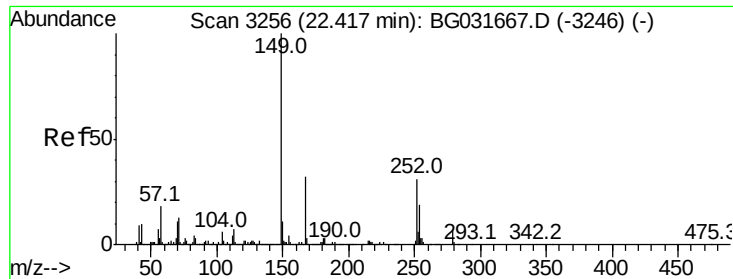
#82
 Chrysene
 Concen: 38.373 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.5	15.0	22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.311 ng

RT: 22.32 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

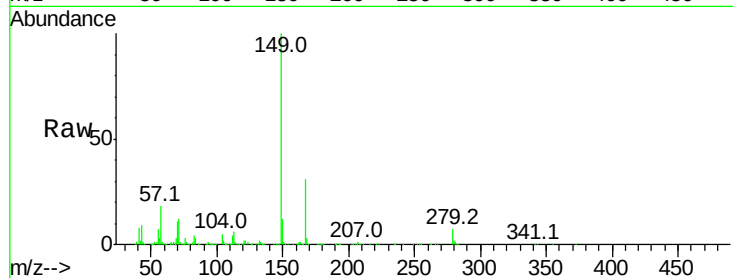
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 507951

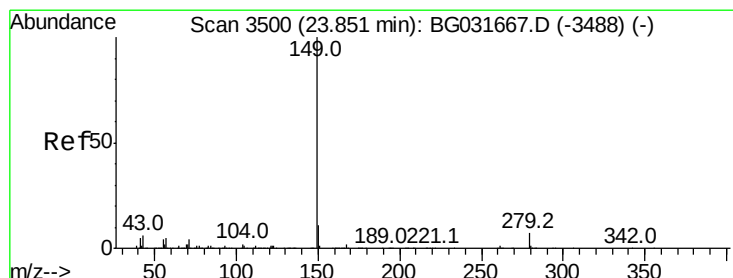
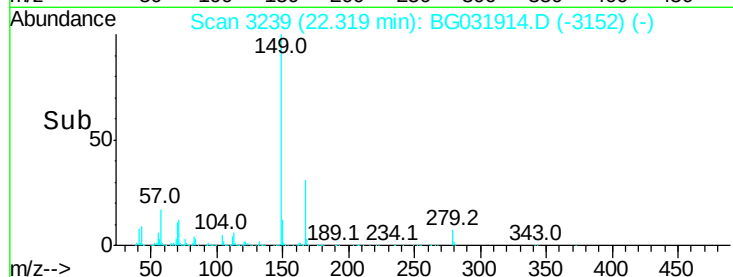
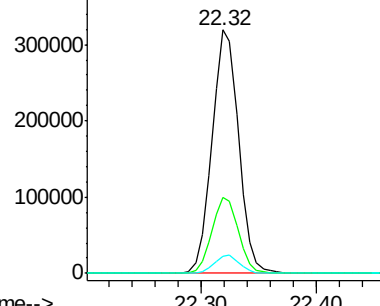
Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	7.0	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.497 ng

RT: 23.72 min Scan# 3477

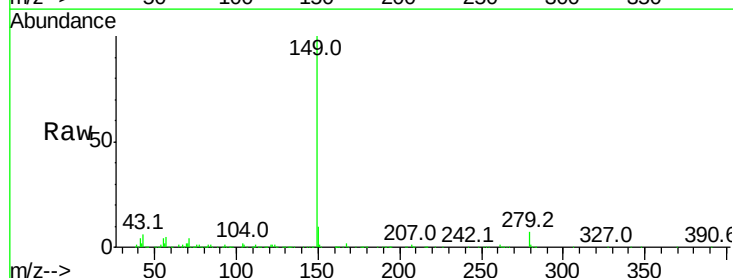
Delta R.T. -0.02 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Tgt Ion:149 Resp: 837752

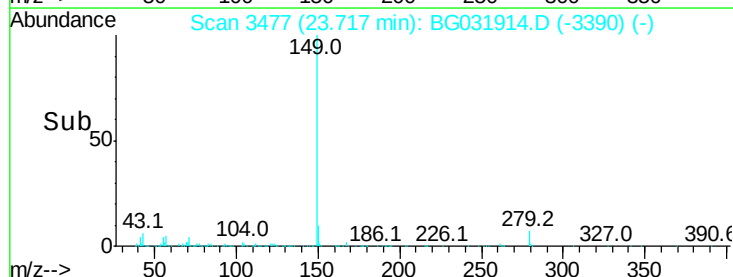
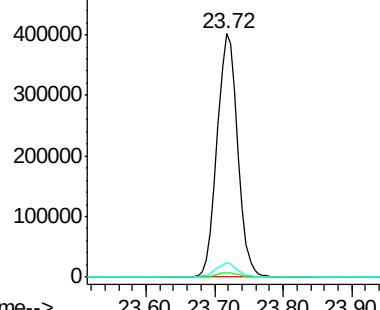
Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	5.4	8.9	13.3

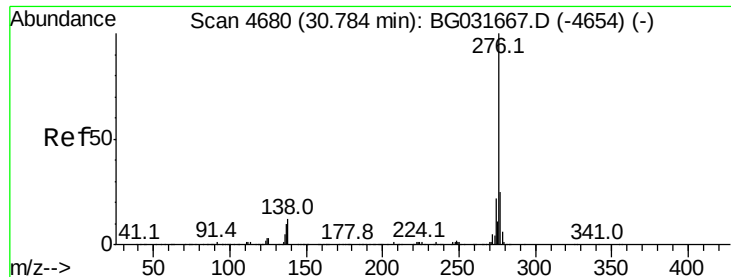


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.640 ng

RT: 30.59 min Scan# 4646

Delta R.T. -0.03 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

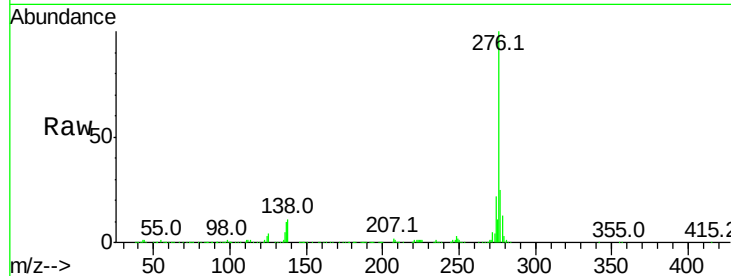
Tot Ion:276 Resp: 1208824

Ion Ratio Lower Upper

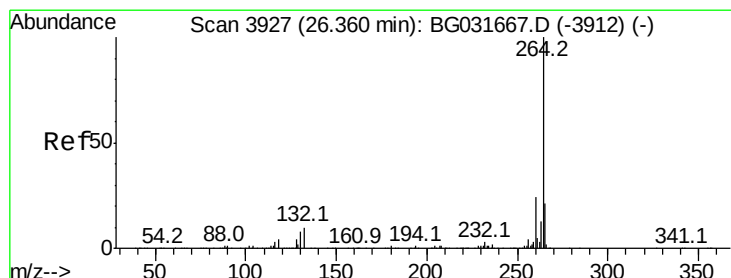
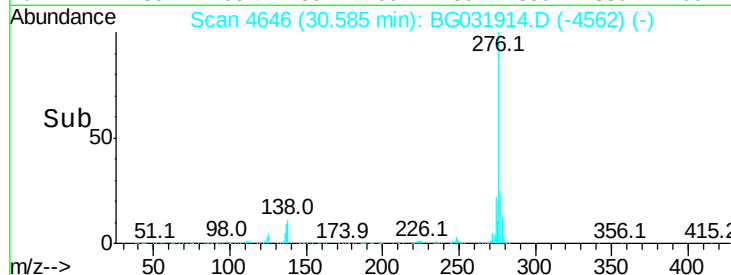
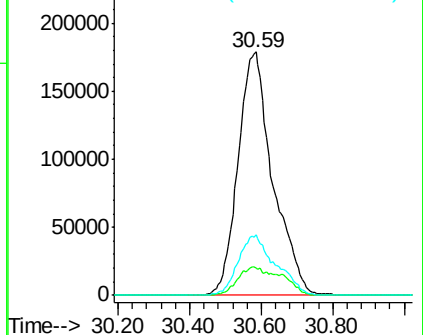
276 100

138 11.6 16.0 24.0#

277 26.6 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.24 min Scan# 3906

Delta R.T. -0.02 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

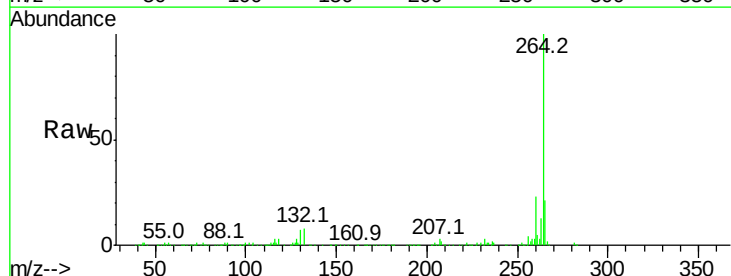
Tgt Ion:264 Resp: 433367

Ion Ratio Lower Upper

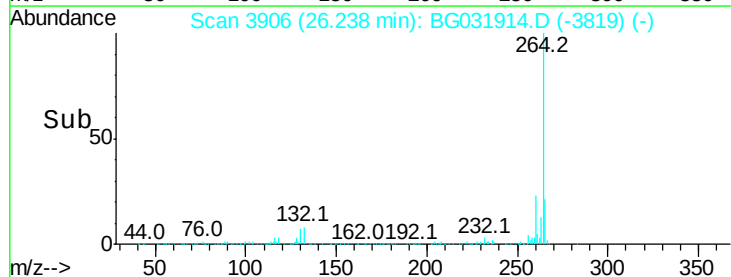
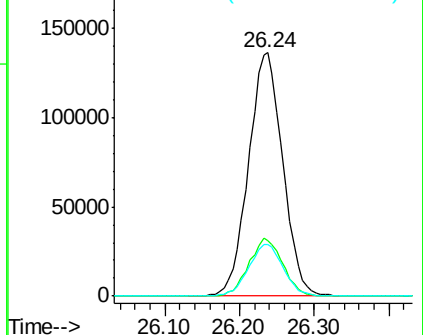
264 100

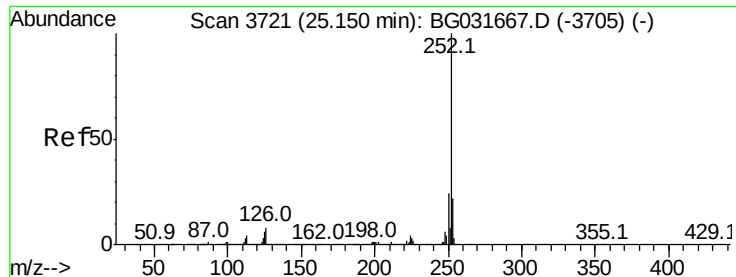
260 22.8 17.4 26.0

265 21.0 17.7 26.5



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

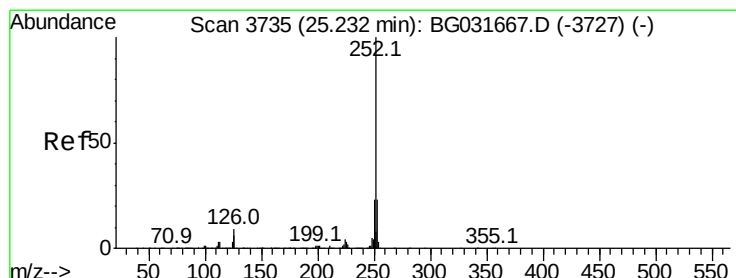
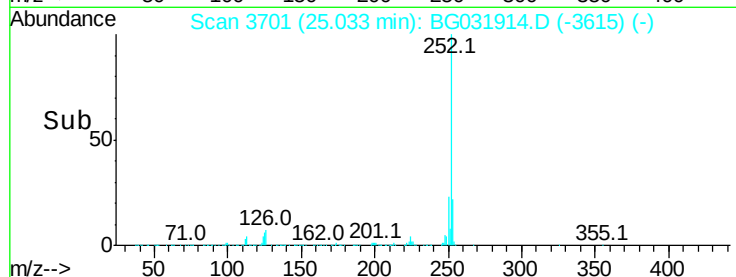
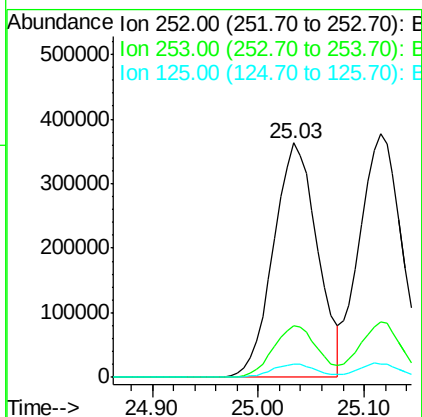
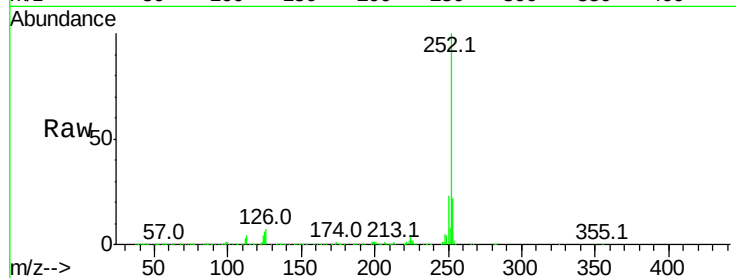




#87
Benzo(b)fluoranthene
Concen: 38.923 ng
RT: 25.03 min Scan# 3701
Delta R.T. -0.02 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

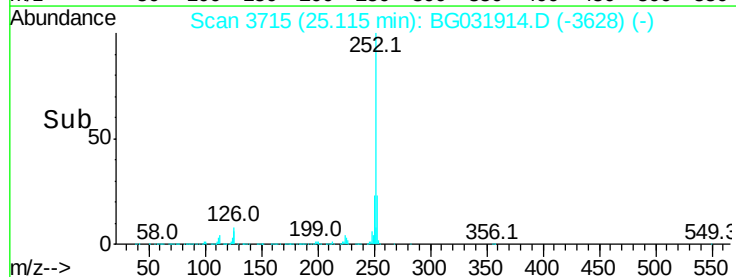
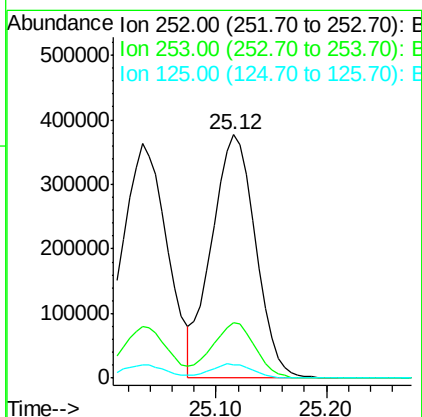
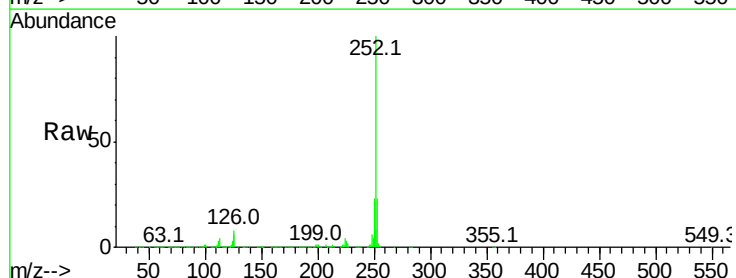
Instrument :
BNA_G
ClientSampled :

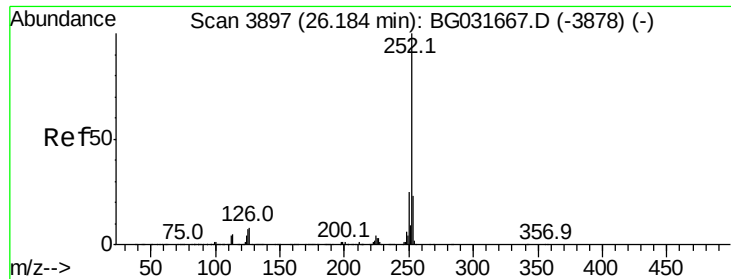
Tot Ion:252 Resp: 1047056
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 5.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 38.617 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG031914.D
Acq: 4 Jan 2018 14:19

Tgt Ion:252 Resp: 1039623
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 5.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 38.360 ng

RT: 26.06 min Scan# 3876

Delta R.T. -0.02 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

Instrument :

BNA_G

ClientSampleId :

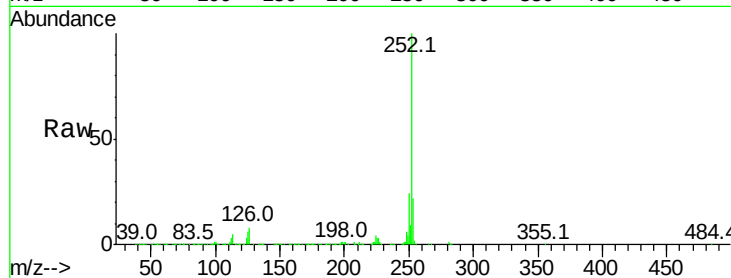
Tot Ion:252 Resp: 988288

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

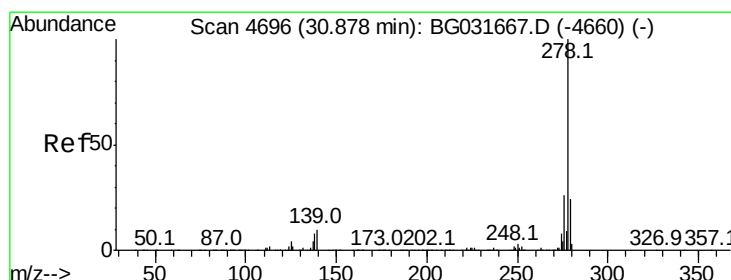
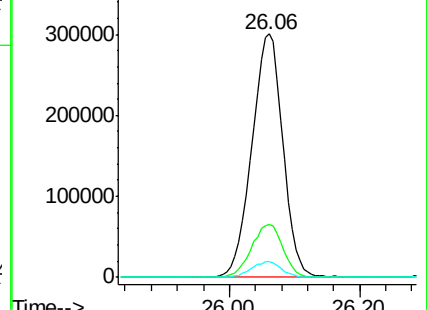
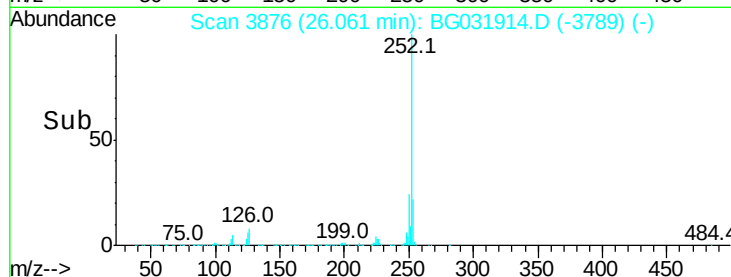
125 6.5 7.3 10.9#



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: 38.328 ng

RT: 30.66 min Scan# 4659

Delta R.T. -0.04 min

Lab File: BG031914.D

Acq: 4 Jan 2018 14:19

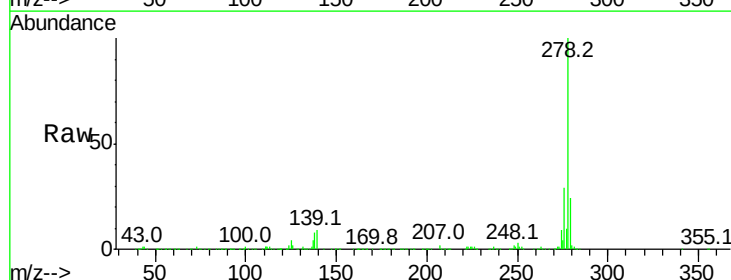
Tgt Ion:278 Resp: 1019854

Ion Ratio Lower Upper

278 100

139 9.3 9.8 14.6#

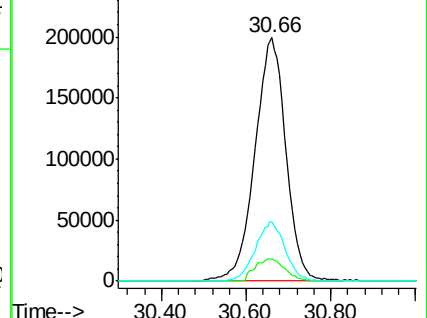
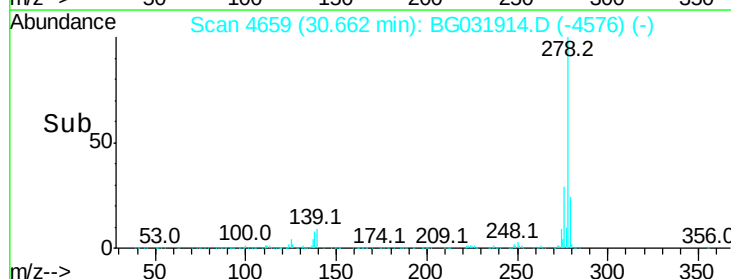
279 24.5 18.4 27.6

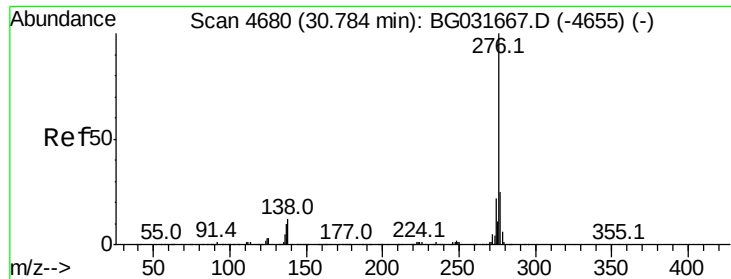


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.479 ng
 RT: 30.59 min Scan# 4646
 Delta R.T. -0.03 min
 Lab File: BG031914.D
 Acq: 4 Jan 2018 14:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1208824
 Ion Ratio Lower Upper
 276 100
 277 24.8 18.3 27.5
 138 11.2 13.9 20.9#

