

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029358.D
 Acq On : 19 Oct 2017 9:05
 Operator : SJ/JU
 Sample : PB103373BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:36:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56878	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	258062	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	176084	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	456862	20.00	ng	0.00
75) Chrysene-d12	21.80	240	503334	20.00	ng	0.00
86) Perylene-d12	25.10	264	521180	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	332650	97.70	ng	0.00
7) Phenol-d6	7.32	99	440979	92.27	ng	0.00
23) Nitrobenzene-d5	9.33	82	370723	91.29	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	235143	103.43	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1005812	83.78	ng	0.00
78) Terphenyl-d14	20.11	244	1877598	84.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	55070	39.865	ng	88
3) Pyridine	3.98	79	160425	39.879	ng	90
4) n-Nitrosodimethylamine	3.89	42	80081	42.586	ng	# 94
6) Aniline	7.48	93	195903	33.104	ng	96
8) 2-Chlorophenol	7.73	128	175263	44.909	ng	94
9) Benzaldehyde	7.29	77	60883	25.328	ng	96
10) Phenol	7.35	94	234113	45.439	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	160843	42.847	ng	92
12) 1,3-Dichlorobenzene	8.06	146	180080	41.100	ng	97
13) 1,4-Dichlorobenzene	8.20	146	183647	41.053	ng	96
14) 1,2-Dichlorobenzene	8.52	146	174141	40.359	ng	96
15) Benzyl Alcohol	8.40	79	160783	47.740	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	265213	41.602	ng	93
17) 2-Methylphenol	8.60	107	158251	46.237	ng	98
18) Hexachloroethane	9.26	117	63915	41.926	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	134518	41.396	ng	# 97
20) 3+4-Methylphenols	8.93	107	218969	45.405	ng	95
22) Acetophenone	8.99	105	254277	40.886	ng	# 96
24) Nitrobenzene	9.37	77	193739	42.431	ng	91
25) Isophorone	9.90	82	377076	44.479	ng	# 93
26) 2-Nitrophenol	10.09	139	100944	46.256	ng	91
27) 2,4-Dimethylphenol	10.14	122	184452	46.716	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	234378	45.086	ng	96
29) 2,4-Dichlorophenol	10.63	162	199409	47.361	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	189083	41.568	ng	100
31) Naphthalene	11.03	128	534549	41.563	ng	98
32) Benzoic acid	10.27	122	152219	46.043	ng	# 79
33) 4-Chloroaniline	11.13	127	150351	27.791	ng	94
34) Hexachlorobutadiene	11.32	225	116845	41.315	ng	95
35) Caprolactam	11.90	113	51345	36.693	ng	# 84
36) 4-Chloro-3-methylphenol	12.25	107	213505	46.105	ng	# 91
37) 2-Methylnaphthalene	12.63	142	417980	44.591	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	224975	34.995	ng	98
40) Hexachlorocyclopentadiene	12.97	237	302951	121.809	ng	92

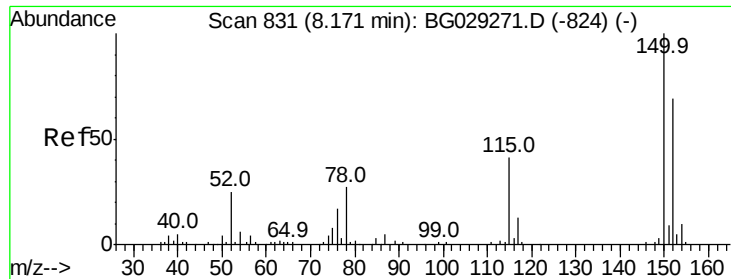
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029358.D
 Acq On : 19 Oct 2017 9:05
 Operator : SJ/JU
 Sample : PB103373BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:36:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	174802	43.313	nq	97
43) 2,4,5-Trichlorophenol	13.30	196	193270	46.631	nq	96
45) 1,1'-Biphenyl	13.62	154	572311	37.814	nq	96
46) 2-Chloronaphthalene	13.67	162	442535	40.086	nq	97
47) 2-Nitroaniline	13.86	65	145367	47.940	nq #	88
48) Acenaphthylene	14.51	152	712328	41.228	nq	98
49) Dimethylphthalate	14.23	163	613627	44.665	nq	98
50) 2,6-Dinitrotoluene	14.35	165	139776	48.533	nq #	83
51) Acenaphthene	14.85	154	440635	39.197	nq	99
52) 3-Nitroaniline	14.68	138	109526	35.243	nq #	79
53) 2,4-Dinitrophenol	14.89	184	167904	103.726	nq #	51
54) Dibenzofuran	15.18	168	717400	44.703	nq	99
55) 4-Nitrophenol	14.99	139	267892	104.559	nq #	80
56) 2,4-Dinitrotoluene	15.14	165	199975	51.293	nq #	79
57) Fluorene	15.83	166	575333	43.398	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	188478	54.507	nq	96
59) Diethylphthalate	15.58	149	640303	46.765	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	317568	44.928	nq	95
61) 4-Nitroaniline	15.84	138	159614	50.018	nq	87
62) Azobenzene	16.11	77	548865	47.538	nq	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	116591	45.202	nq	84
65) n-Nitrosodiphenylamine	16.03	169	539128	39.394	nq	99
66) 4-Bromophenyl-phenylether	16.71	248	217491	41.487	nq	98
67) Hexachlorobenzene	16.83	284	229272	38.610	nq	98
68) Atrazine	16.97	200	226370	46.357	nq	99
69) Pentachlorophenol	17.17	266	314129	92.087	nq	98
70) Phenanthrene	17.56	178	989570	41.928	nq	96
71) Anthracene	17.66	178	1016478	42.891	nq	99
72) Carbazole	17.92	167	979168	43.011	nq	99
73) Di-n-butylphthalate	18.47	149	1145160	43.736	nq	99
74) Fluoranthene	19.56	202	1259033	45.609	nq	96
76) Benzidine	19.73	184	488507	32.144	nq	99
77) Pyrene	19.92	202	1280709	41.945	nq	96
79) Butylbenzylphthalate	20.79	149	548171	42.140	nq	92
80) Benzo(a)anthracene	21.78	228	1278296	43.256	nq	98
81) 3,3'-Dichlorobenzidine	21.68	252	382679	31.373	nq	97
82) Chrysene	21.84	228	1203831	42.536	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	768662	41.173	nq	99
84) Di-n-octyl phthalate	22.91	149	1322379	40.643	nq	97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1564215	44.926	nq	98
87) Benzo(b)fluoranthene	24.05	252	1339133	44.880	nq	100
88) Benzo(k)fluoranthene	24.12	252	1278051	42.994	nq	97
89) Benzo(a)pyrene	24.95	252	1281486	44.675	nq	99
90) Dibenzo(a,h)anthracene	28.96	278	1300357	44.778	nq	97
91) Benzo(g,h,i)perylene	30.08	276	1288874	47.767	nq	99

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

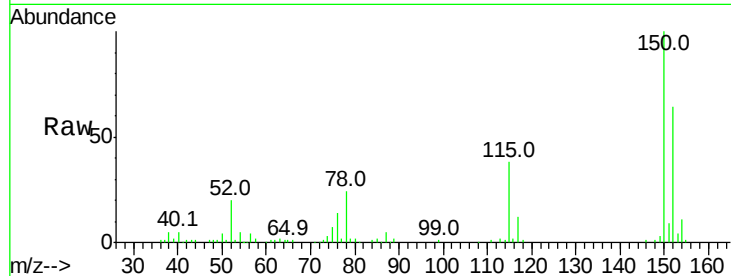


#1

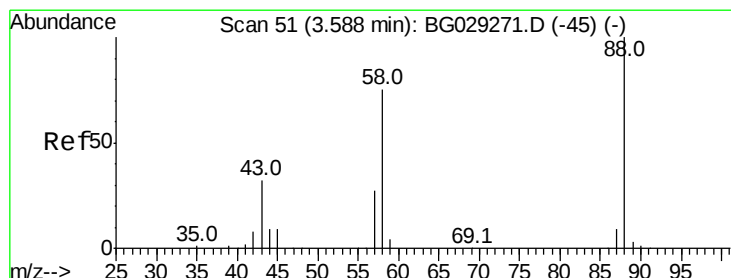
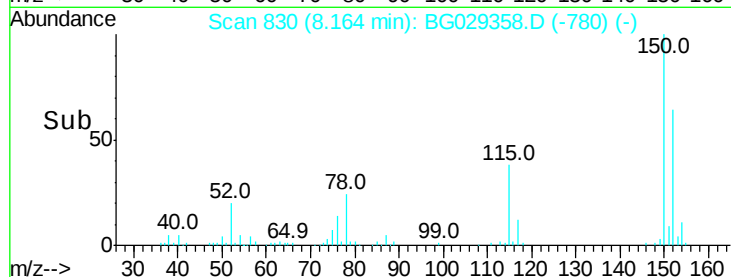
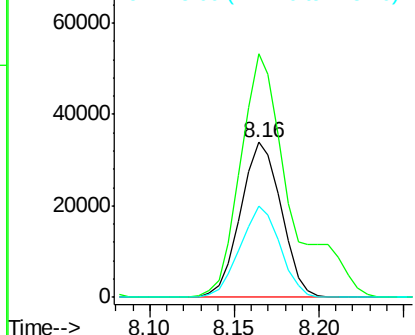
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56878
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 59.1 53.0 79.4



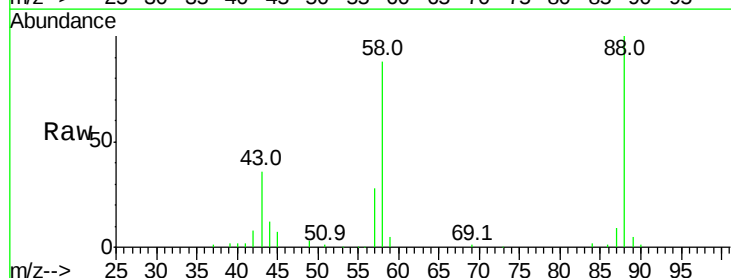
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



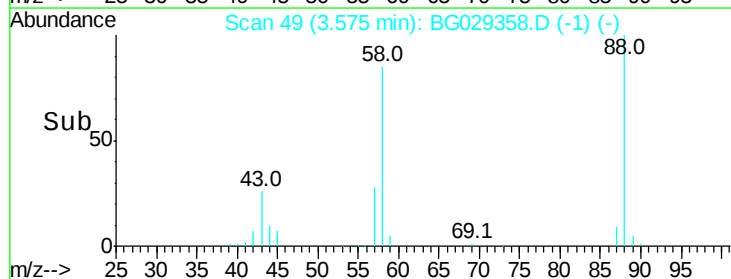
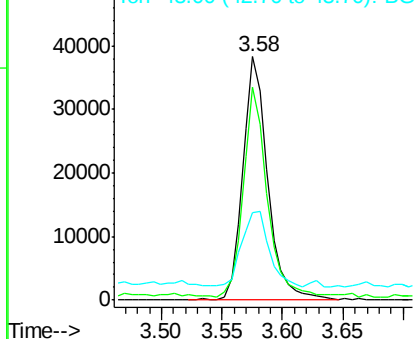
#2

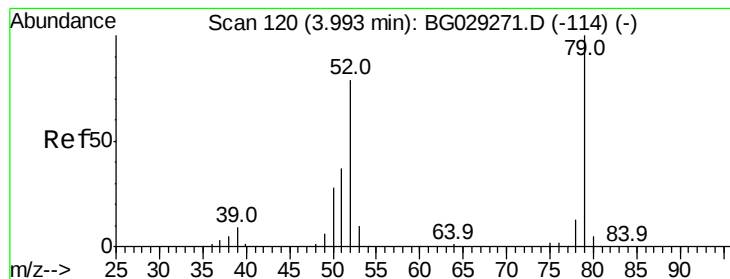
1,4-Dioxane
Concen: 39.865 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion: 88 Resp: 55070
Ion Ratio Lower Upper
88 100
58 84.2 79.6 119.4
43 34.6 27.4 41.0



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





#3

Pvridine

Concen: 39.879 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampled :

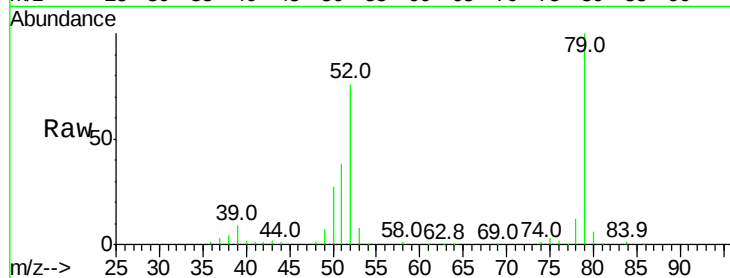
Tot Ion: 79 Resp: 160425

Ion Ratio Lower Upper

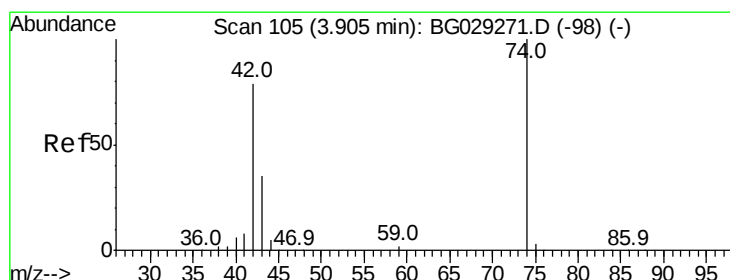
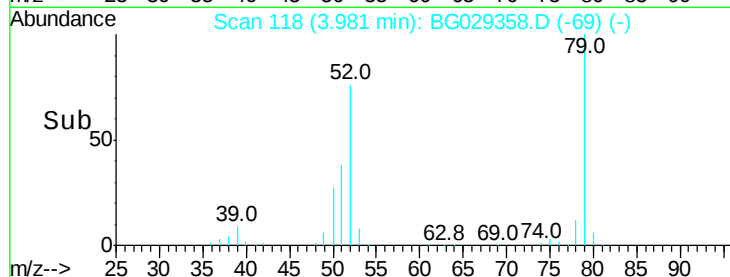
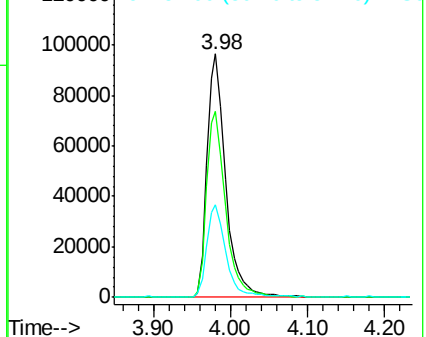
79 100

52 76.3 69.9 104.9

51 38.1 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.586 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

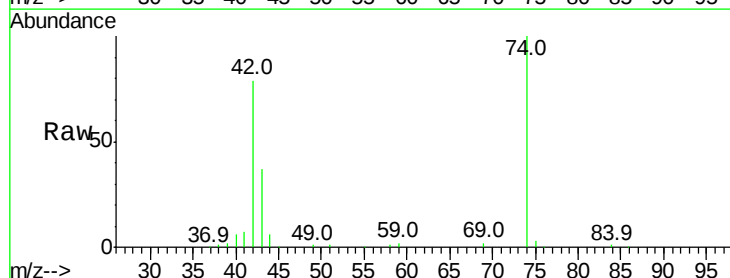
Tgt Ion: 42 Resp: 80081

Ion Ratio Lower Upper

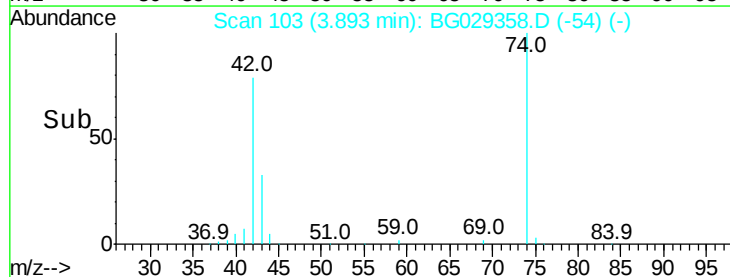
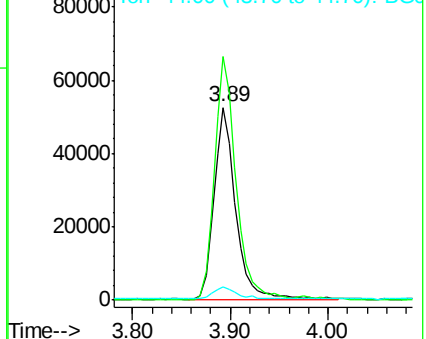
42 100

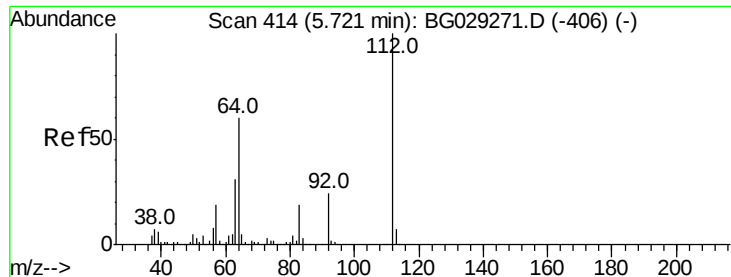
74 126.4 102.5 153.7

44 7.2 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 97.702 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampled :

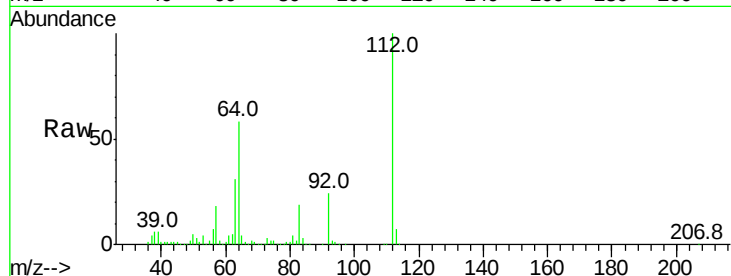
Tot Ion:112 Resp: 332650

Ion Ratio Lower Upper

112 100

64 57.8 56.3 84.5

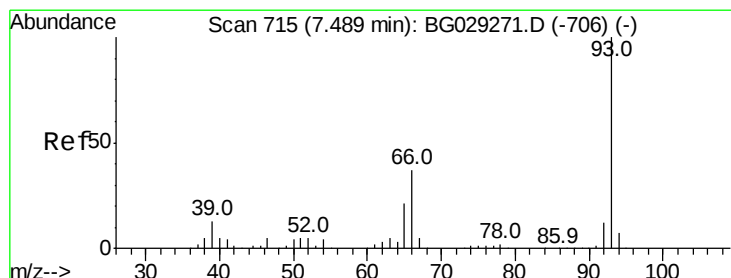
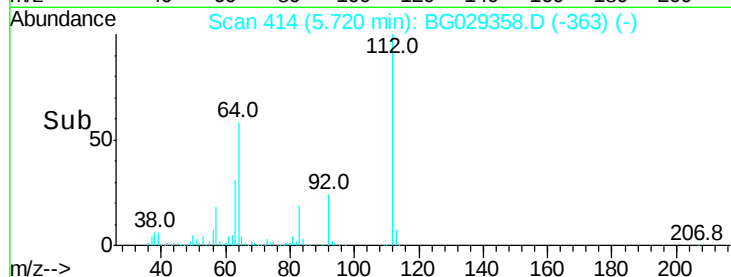
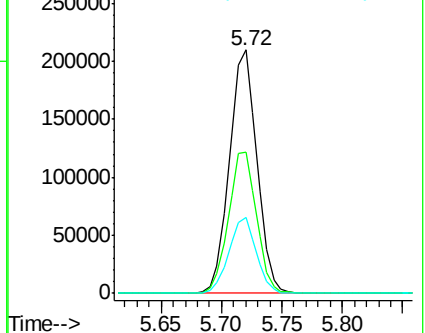
63 31.0 30.1 45.1



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: 33.104 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

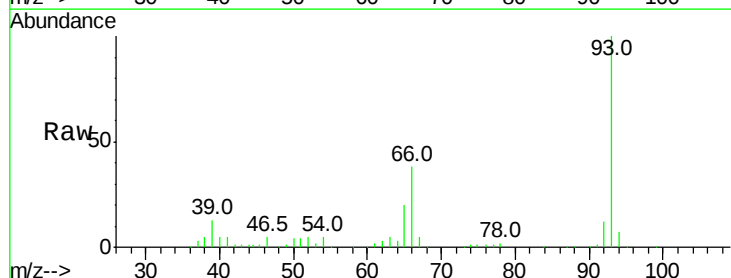
Tgt Ion: 93 Resp: 195903

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

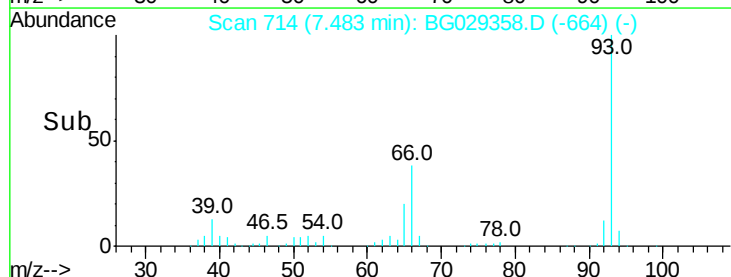
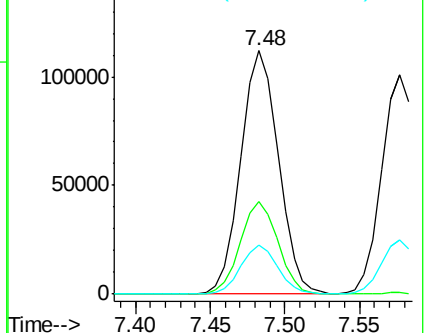
65 19.9 16.1 24.1

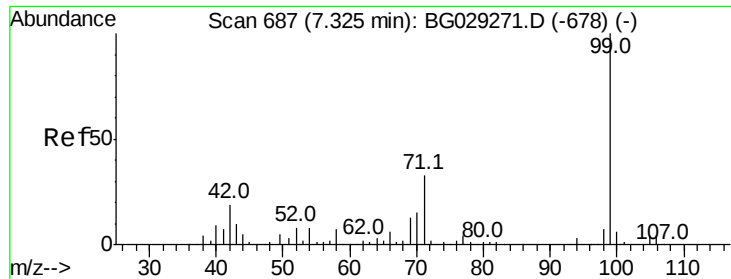


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.273 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

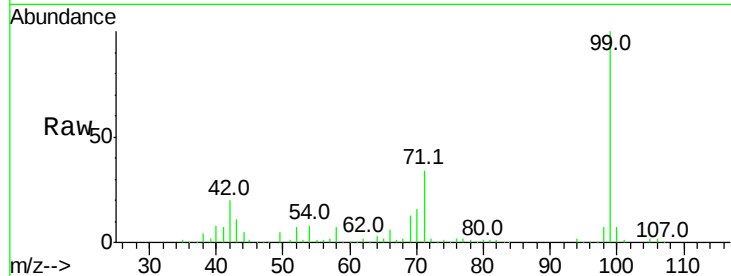
Tot Ion: 99 Resp: 440979

Ion Ratio Lower Upper

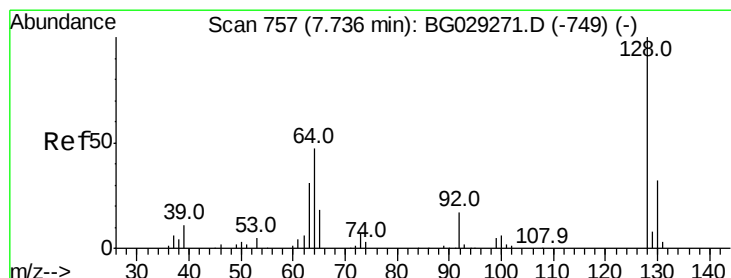
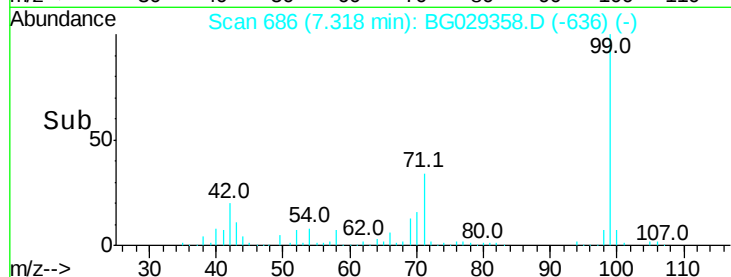
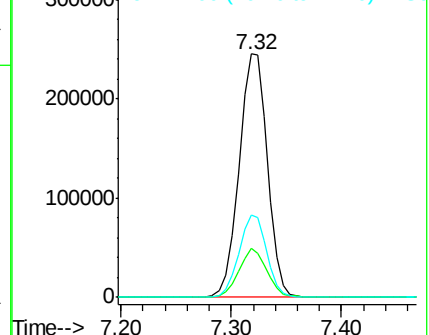
99 100

42 20.3 14.1 21.1

71 33.8 26.1 39.1



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



#8

2-Chlorophenol

Concen: 44.909 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

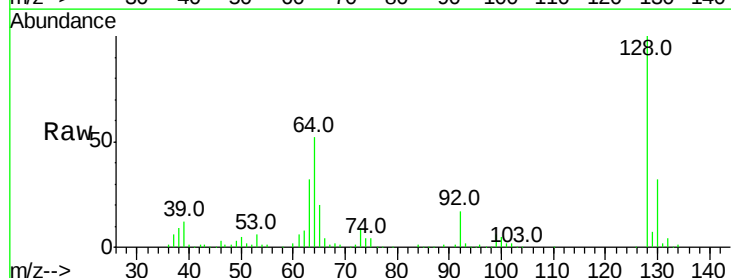
Tgt Ion: 128 Resp: 175263

Ion Ratio Lower Upper

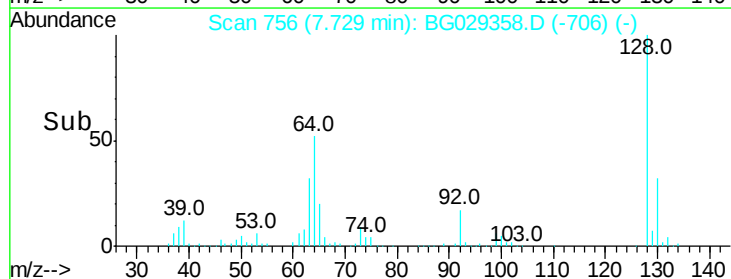
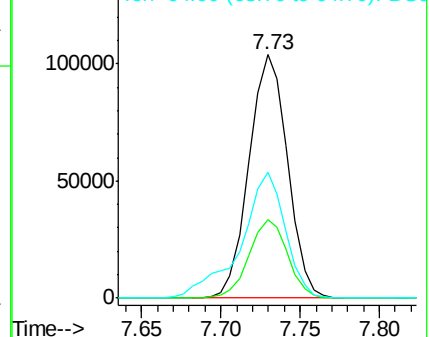
128 100

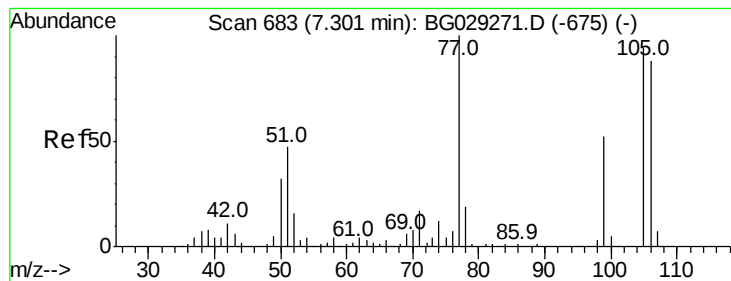
130 32.2 14.0 54.0

64 51.6 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: 25.328 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampled :

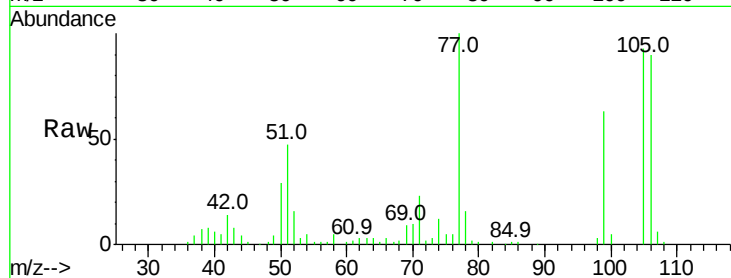
Tot Ion: 77 Resp: 60883

Ion Ratio Lower Upper

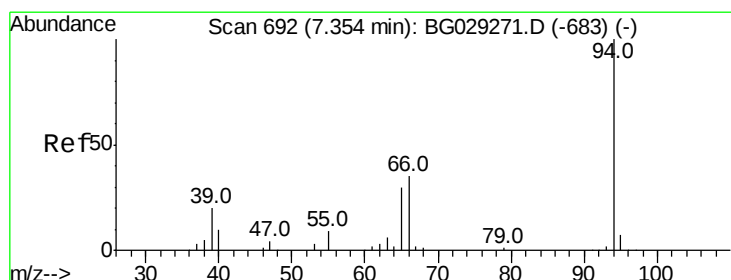
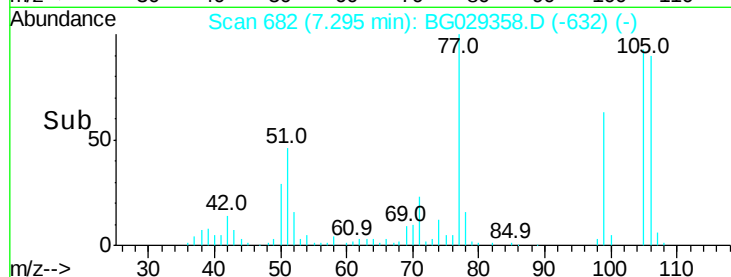
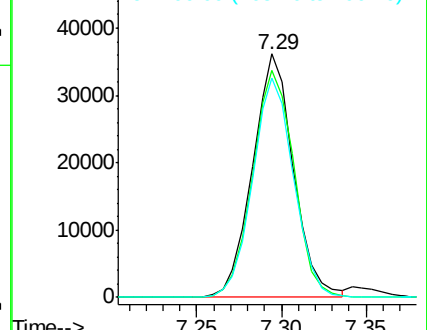
77 100

105 93.2 71.3 111.3

106 90.0 64.2 104.2



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



#10

Phenol

Concen: 45.439 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

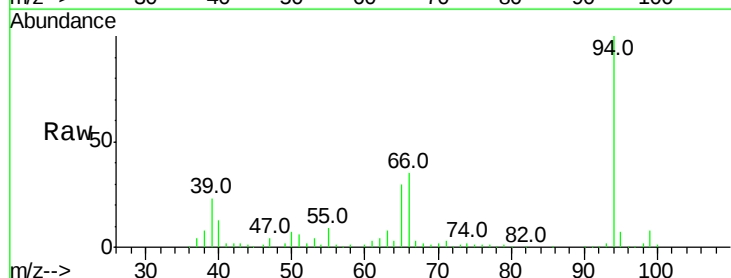
Tgt Ion: 94 Resp: 234113

Ion Ratio Lower Upper

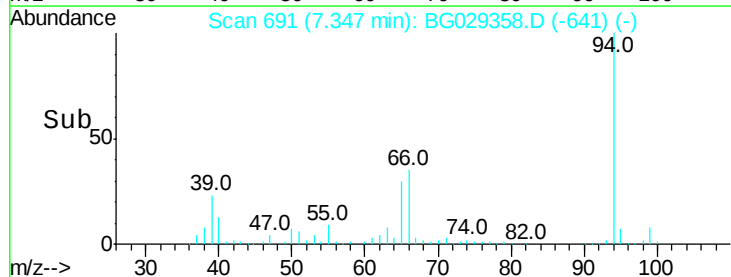
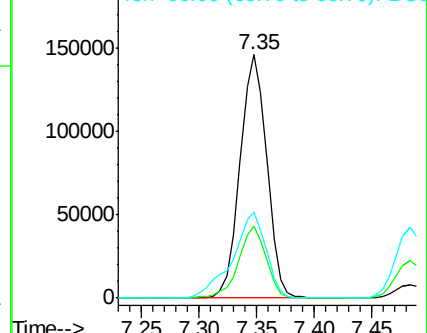
94 100

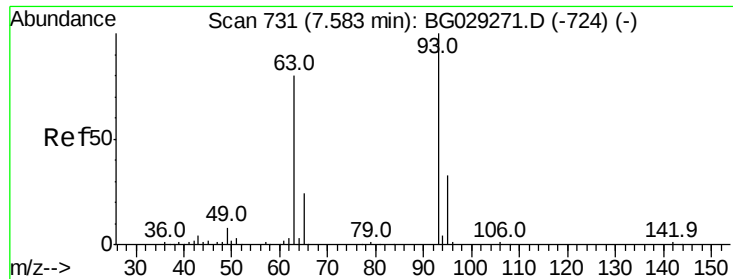
65 29.7 11.9 51.9

66 35.3 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

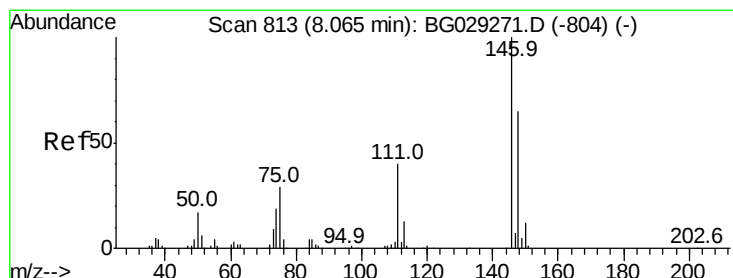
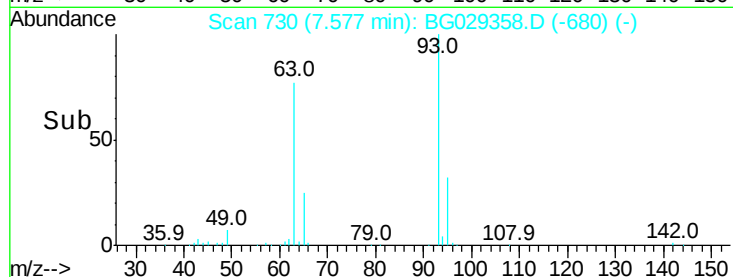
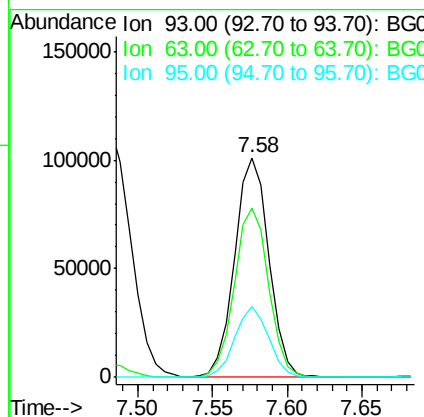
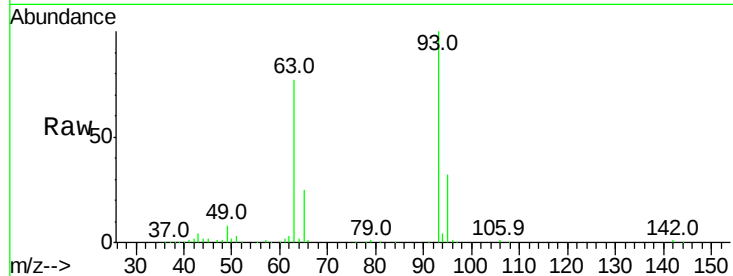




#11
bis(2-Chloroethyl)ether
Concen: 42.847 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

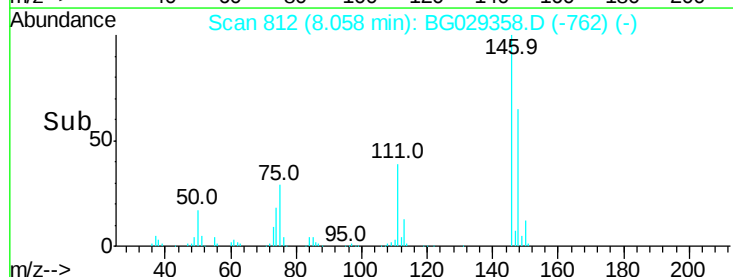
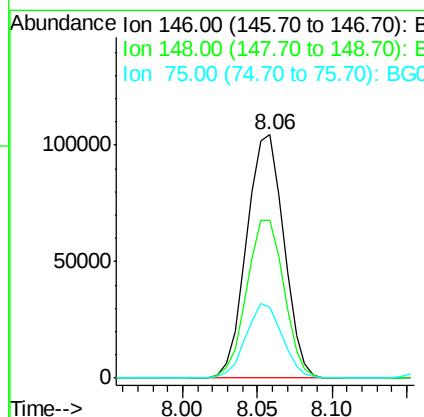
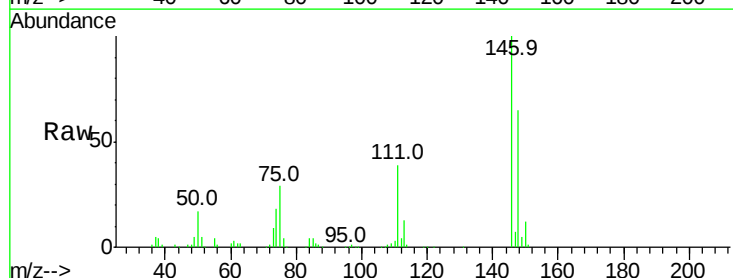
Instrument :
BNA_G
ClientSampleId :

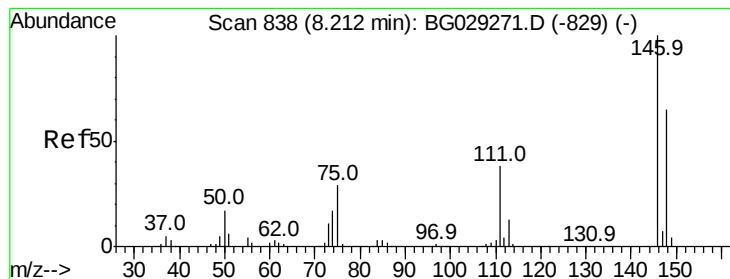
Tot Ion: 93 Resp: 160843
Ion Ratio Lower Upper
93 100
63 77.4 67.1 107.1
95 32.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.100 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion: 146 Resp: 180080
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 28.9 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.053 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

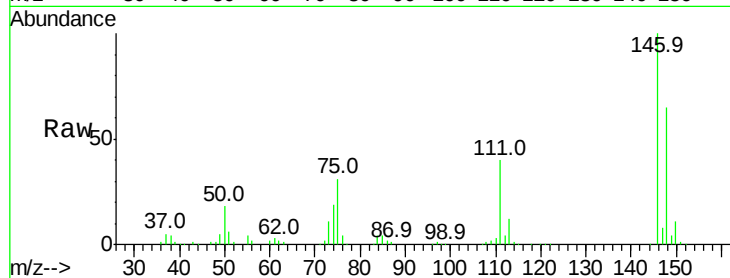
Tot Ion:146 Resp: 183647

Ion Ratio Lower Upper

146 100

148 65.3 53.7 80.5

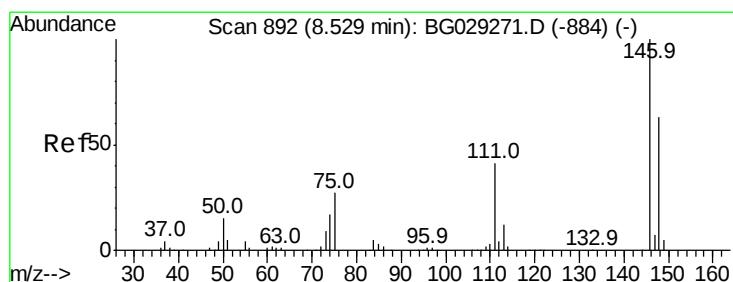
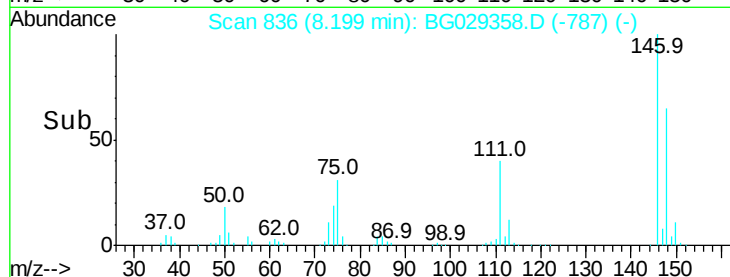
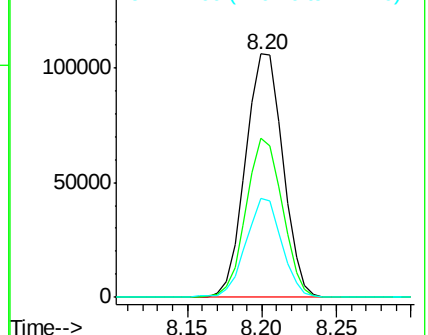
111 40.4 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.359 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

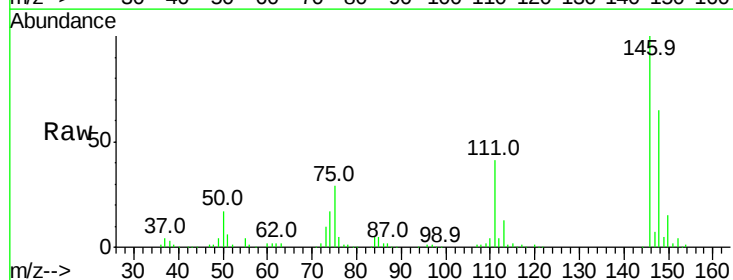
Tgt Ion:146 Resp: 174141

Ion Ratio Lower Upper

146 100

148 65.0 49.3 73.9

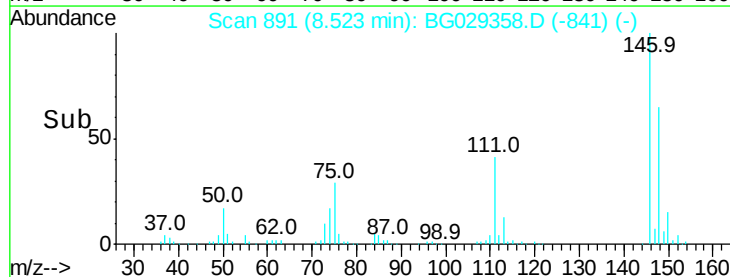
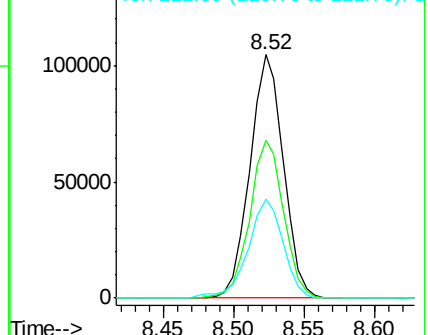
111 40.6 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

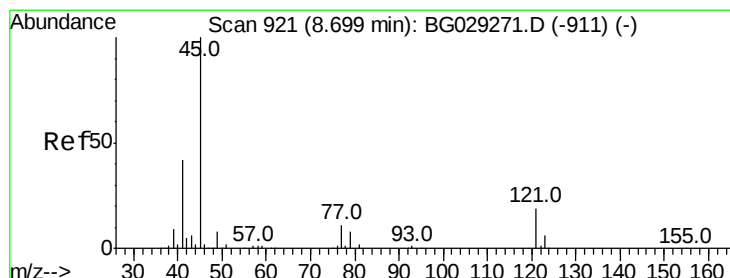
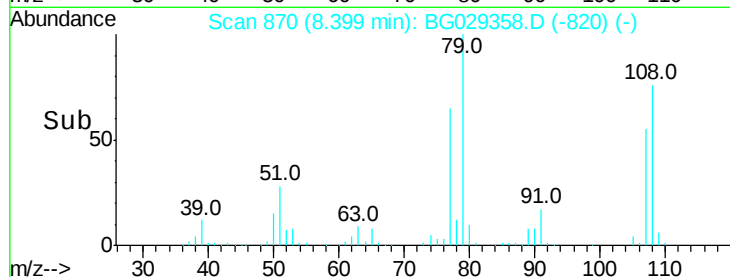
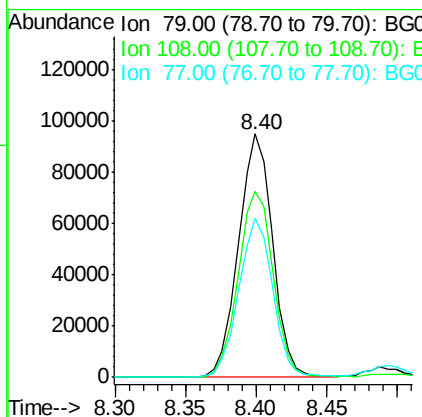
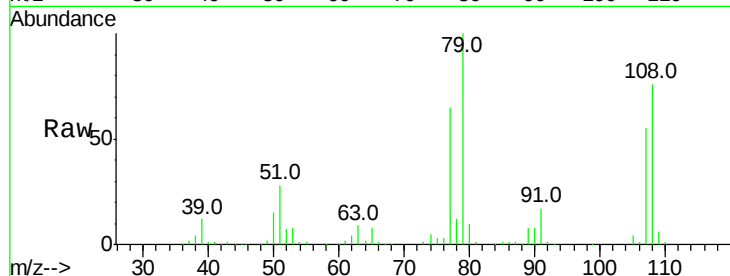




#15
Benzyl Alcohol
Concen: 47.740 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

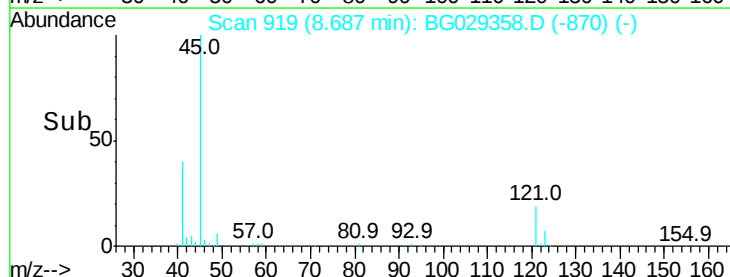
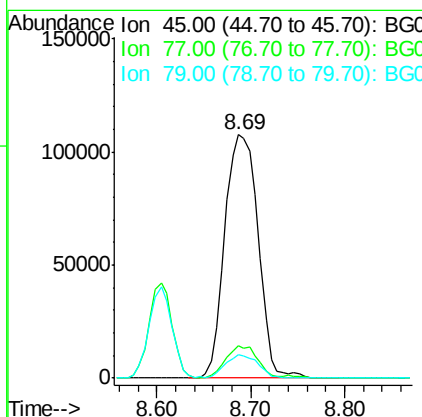
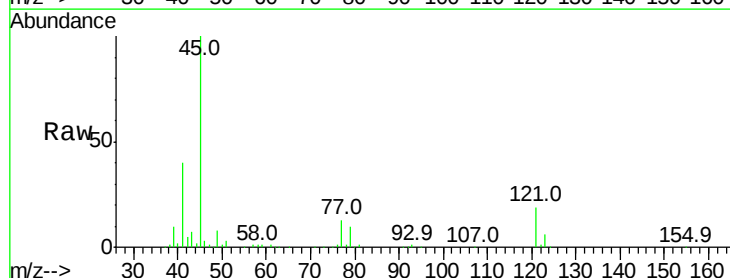
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 160783
Ion Ratio Lower Upper
79 100
108 76.5 57.2 85.8
77 65.1 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.602 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion: 45 Resp: 265213
Ion Ratio Lower Upper
45 100
77 13.4 0.0 30.2
79 9.6 0.0 27.9





#17

2-Methylphenol

Concen: 46.237 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 158251

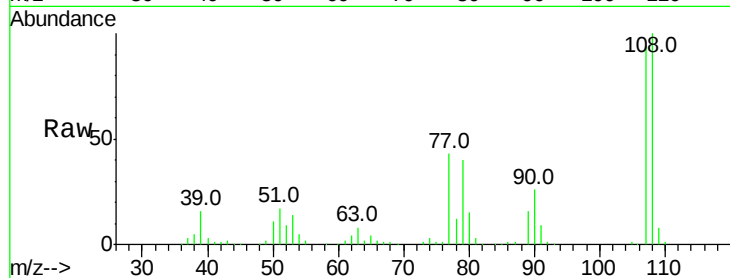
Ion Ratio Lower Upper

107 100

108 106.2 83.9 125.9

77 45.2 37.2 55.8

79 42.9 36.2 54.2

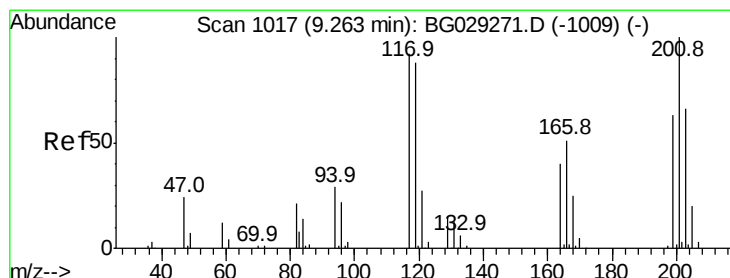
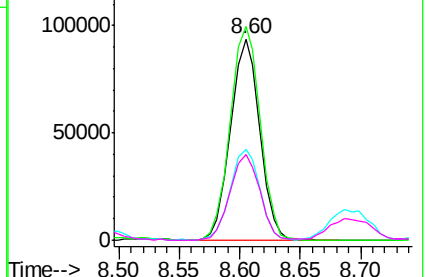
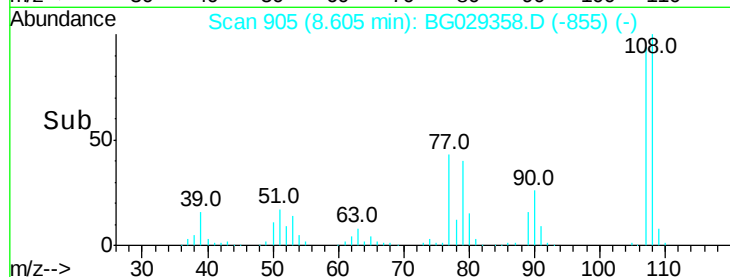


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.926 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

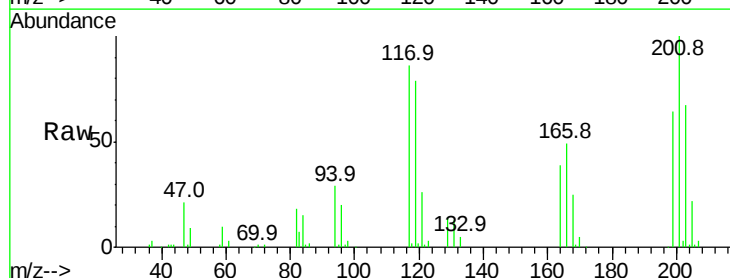
Tgt Ion:117 Resp: 63915

Ion Ratio Lower Upper

117 100

119 91.7 76.7 115.1

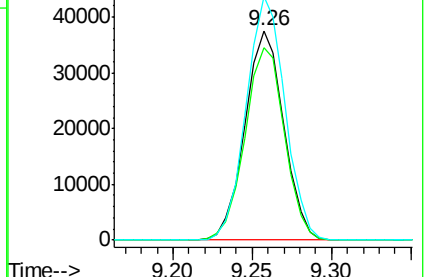
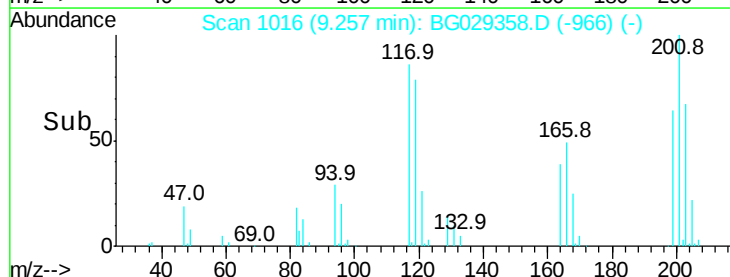
201 116.1 95.7 143.5

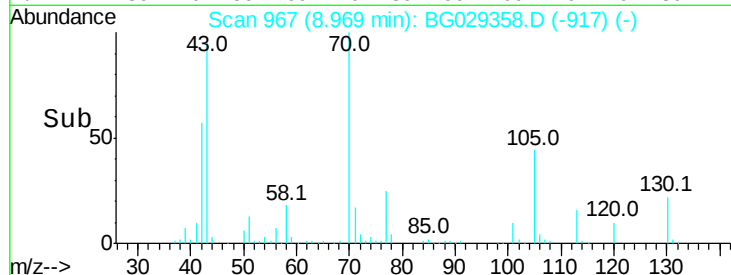
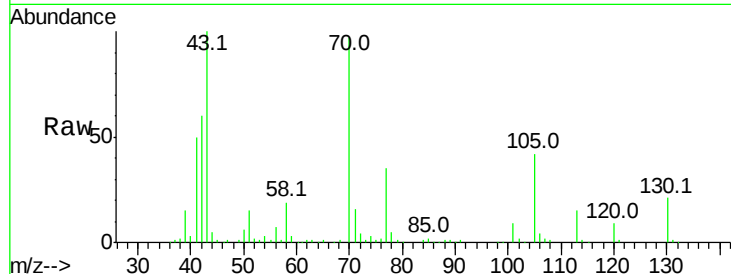
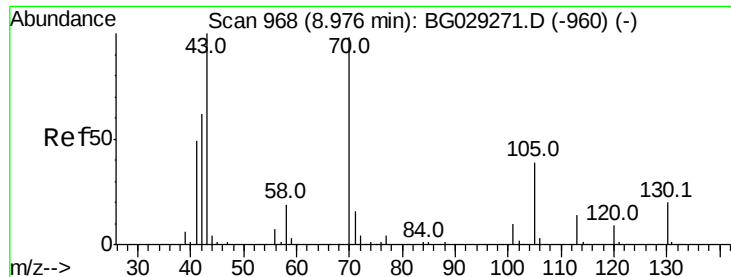


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

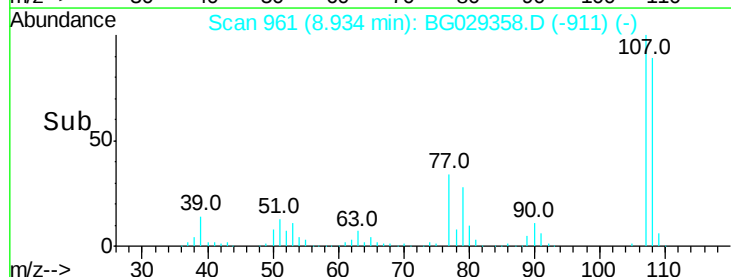
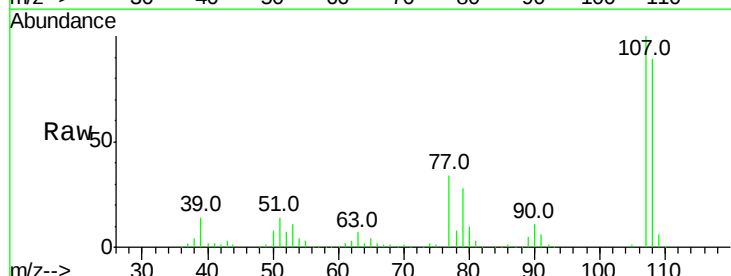
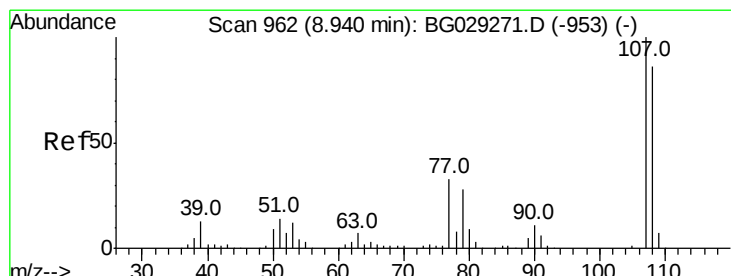
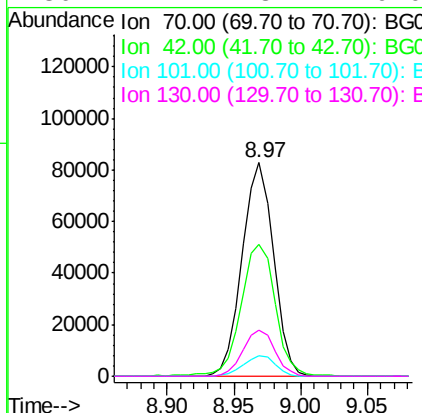




#19
n-Nitroso-di-n-propylamine
Concen: 41.396 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

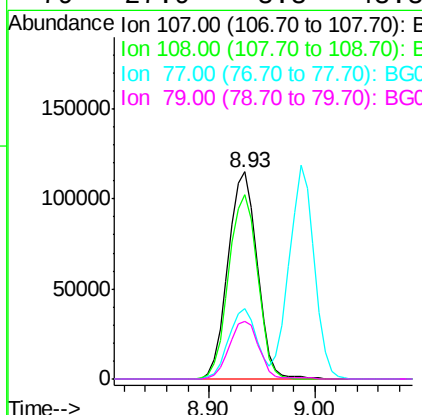
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 134518
Ion Ratio Lower Upper
70 100
42 61.5 49.1 73.7
101 9.6 8.5 12.7
130 21.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 45.405 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion: 107 Resp: 218969
Ion Ratio Lower Upper
107 100
108 89.2 61.6 101.6
77 34.2 13.9 53.9
79 27.9 8.8 48.8

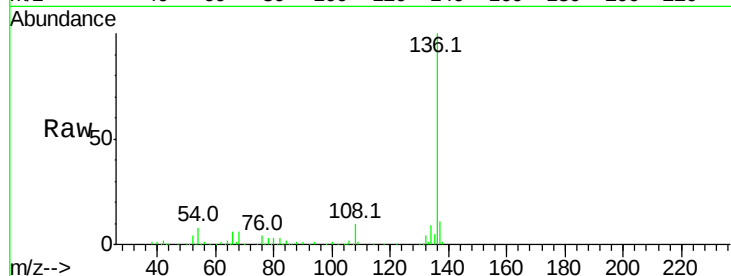




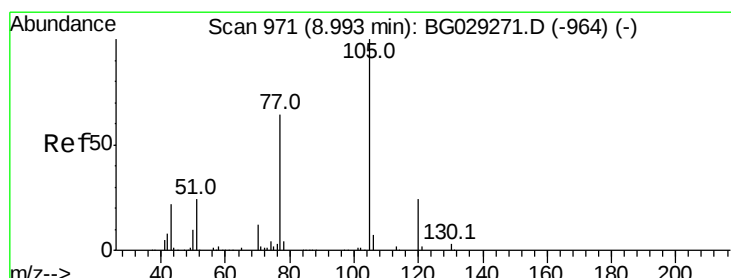
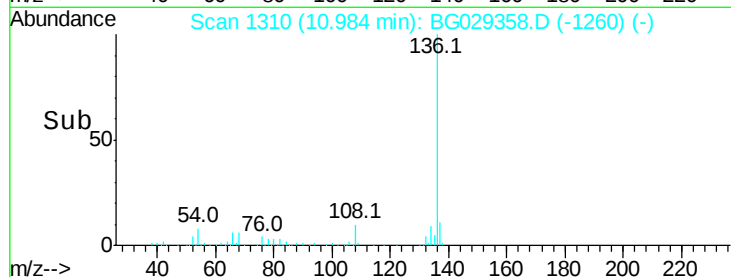
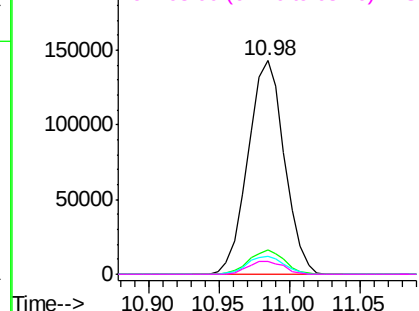
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 258062
Ion Ratio	Lower Upper
136 100	
137 11.3	9.2 13.8
54 8.4	10.3 15.5#
68 6.1	4.5 6.7

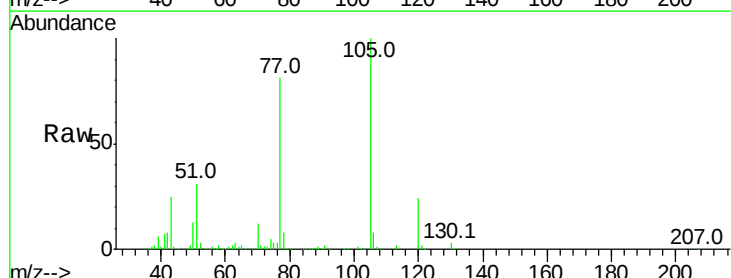


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

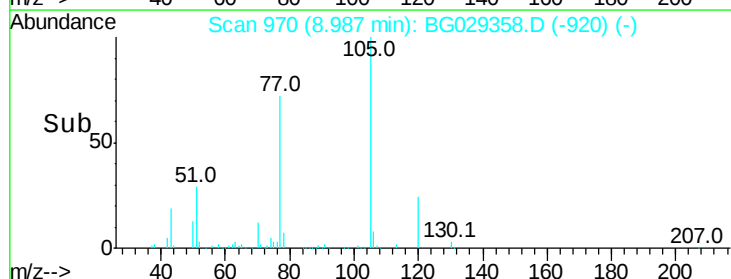
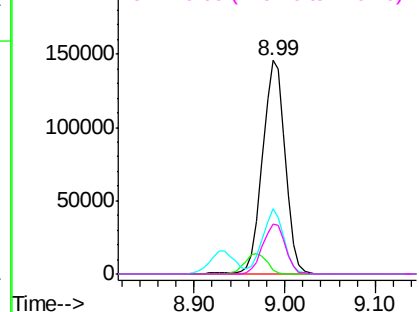


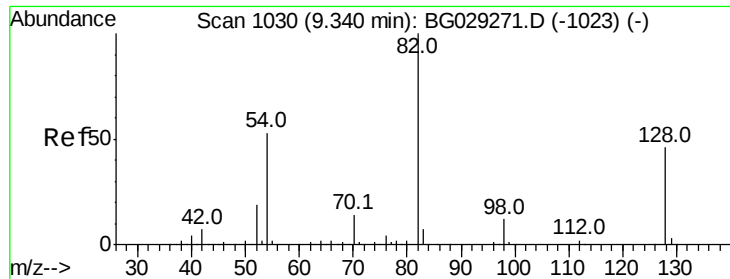
#22
Acetophenone
Concen: 40.886 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:105	Resp: 254277
Ion Ratio	Lower Upper
105 100	
71 2.1	3.0 4.4#
51 30.6	26.1 39.1
120 23.6	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

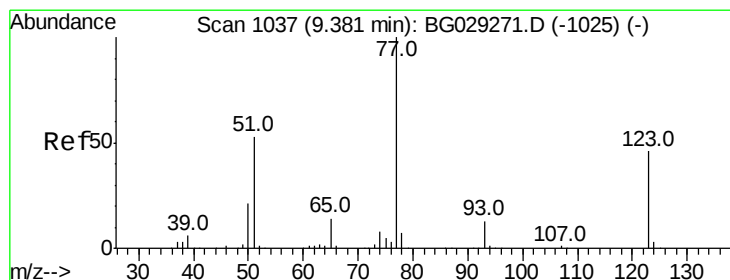
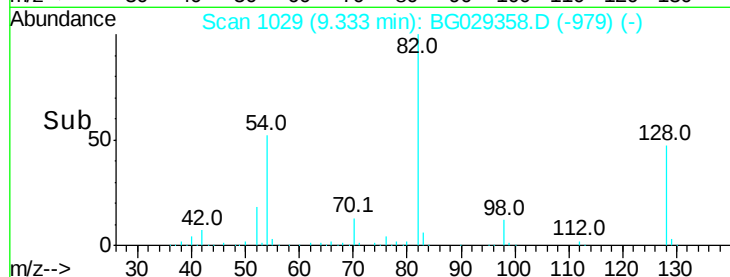
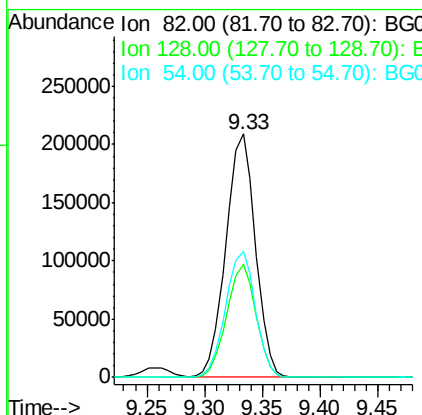
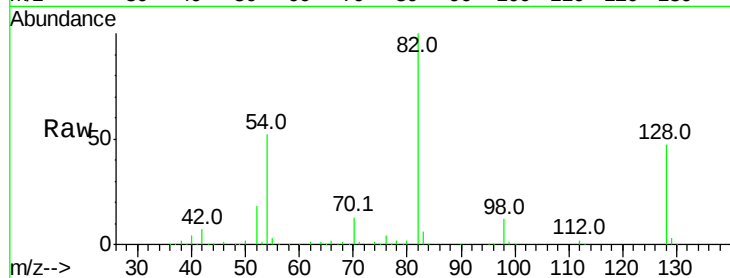




#23
Nitrobenzene-d5
Concen: 91.290 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

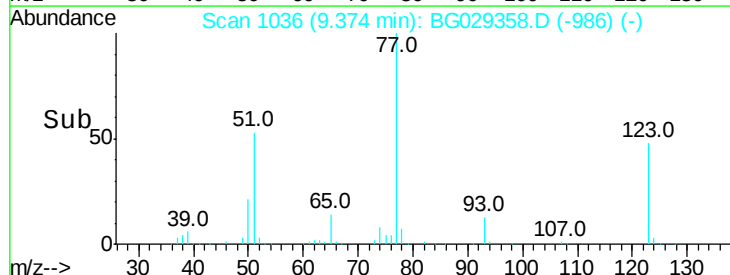
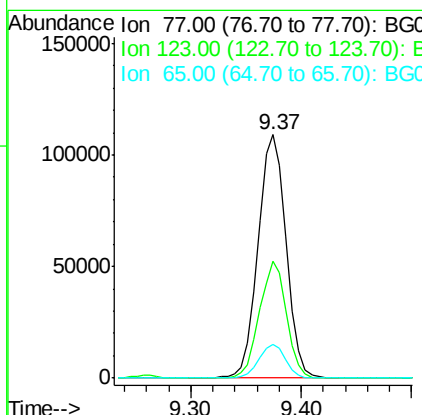
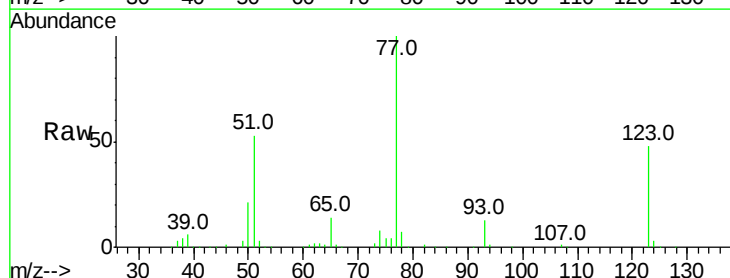
Instrument :
BNA_G
ClientSampleId :

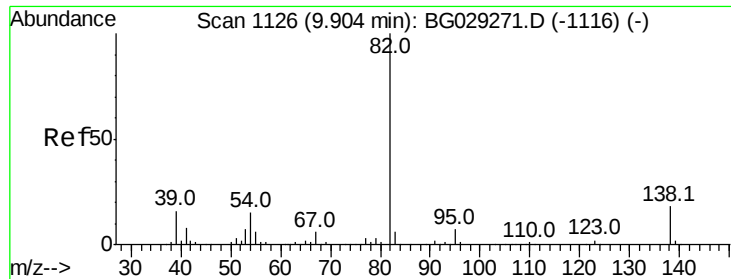
Tot Ion: 82 Resp: 370723
Ion Ratio Lower Upper
82 100
128 46.6 29.7 44.5#
54 51.8 43.1 64.7



#24
Nitrobenzene
Concen: 42.431 ng
RT: 9.37 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion: 77 Resp: 193739
Ion Ratio Lower Upper
77 100
123 48.1 33.0 49.6
65 14.0 13.0 19.6





#25

Isophorone

Concen: 44.479 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

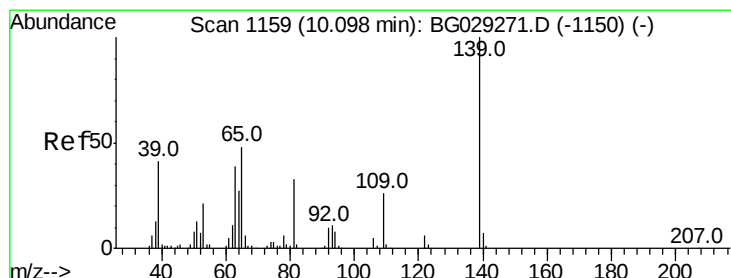
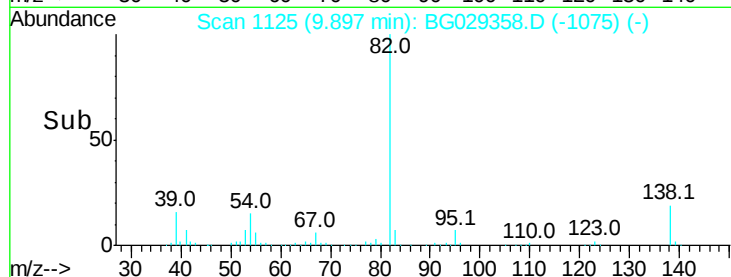
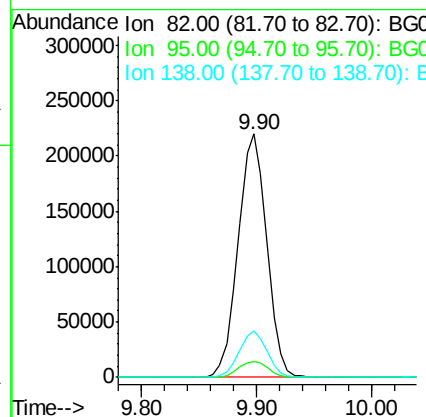
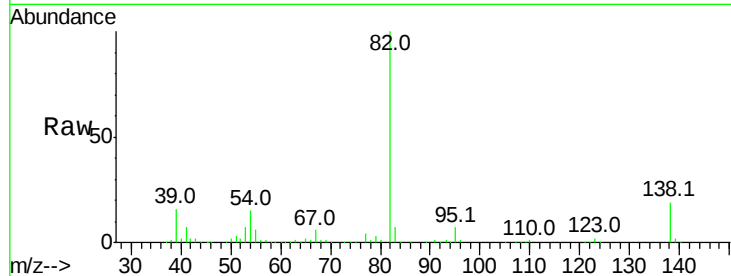
Tot Ion: 82 Resp: 377076

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 18.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 46.256 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

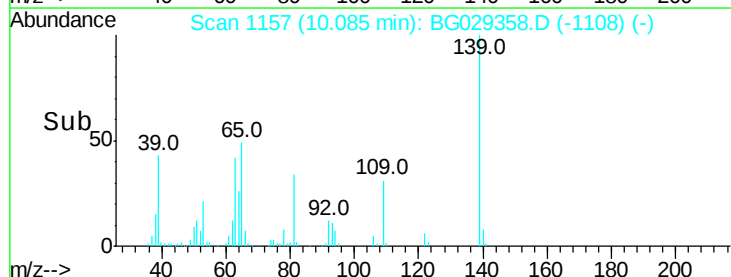
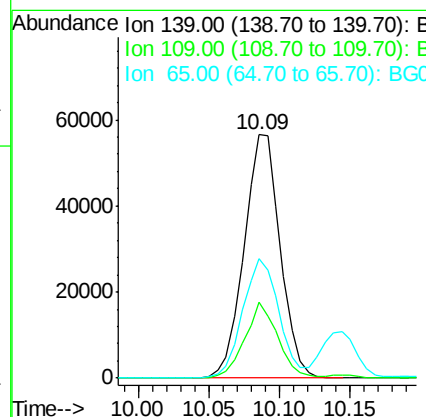
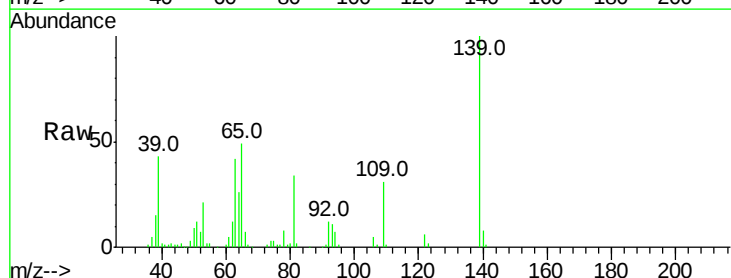
Tgt Ion: 139 Resp: 100944

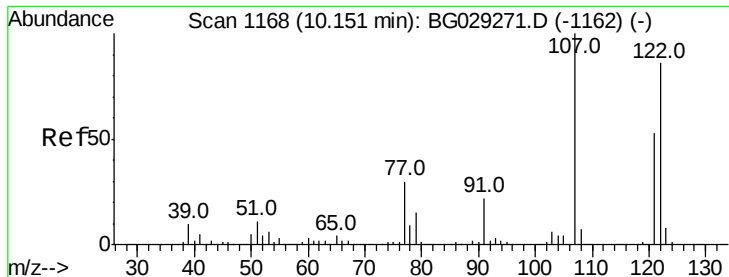
Ion Ratio Lower Upper

139 100

109 31.0 24.2 36.2

65 49.3 47.4 71.0

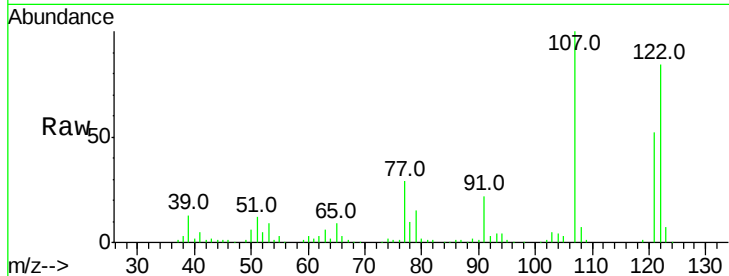




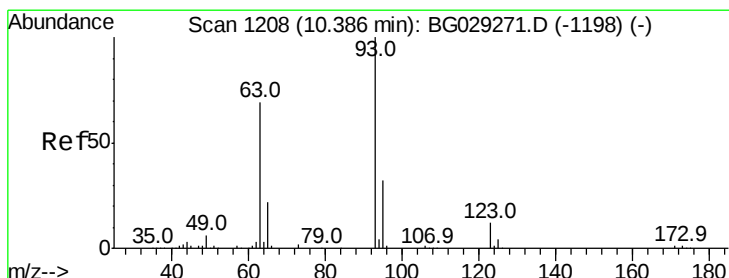
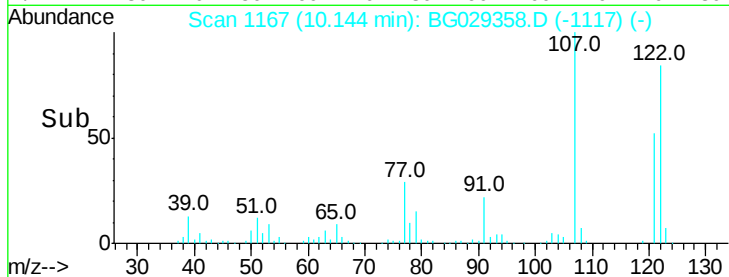
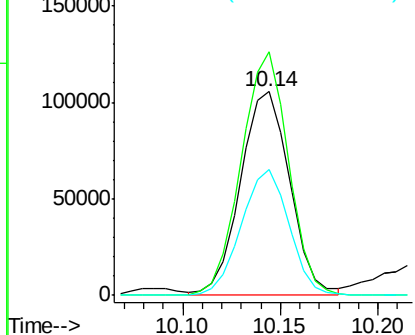
#27
 2,4-Dimethylphenol
 Concen: 46.716 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 184452
 Ion Ratio Lower Upper
 122 100
 107 119.5 100.2 150.2
 121 61.6 44.4 66.6

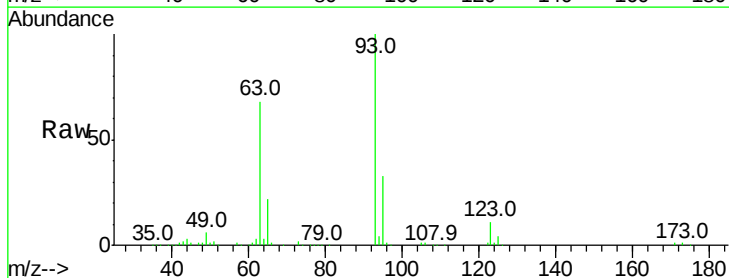


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

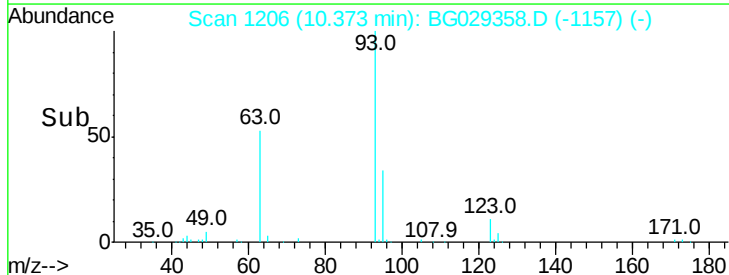
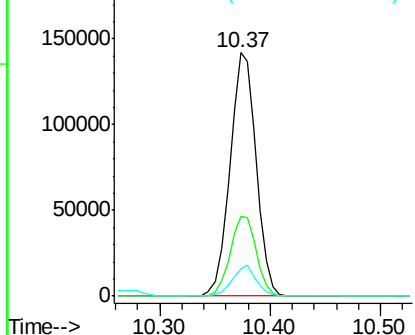


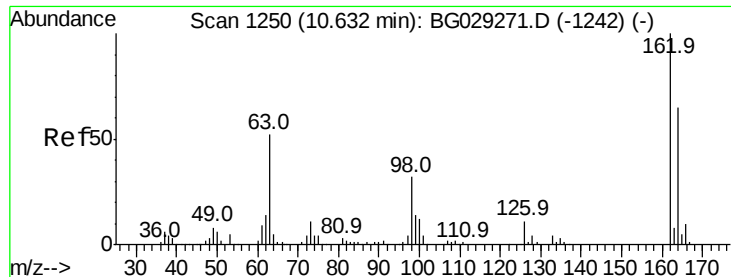
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.086 ng
 RT: 10.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion: 93 Resp: 234378
 Ion Ratio Lower Upper
 93 100
 95 32.6 24.3 36.5
 123 11.4 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

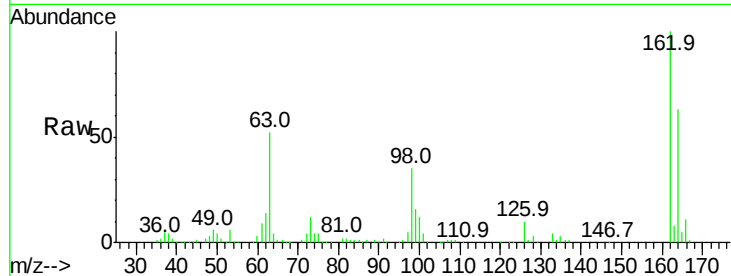




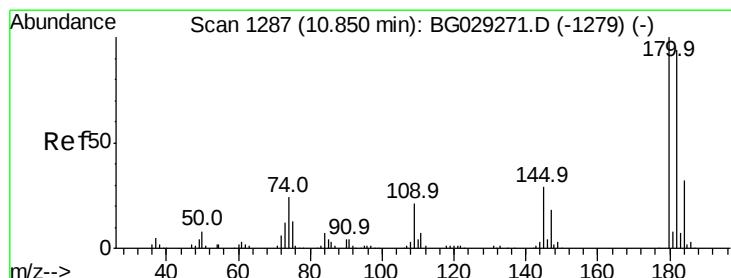
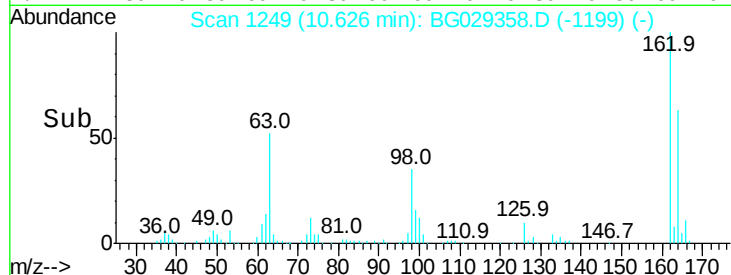
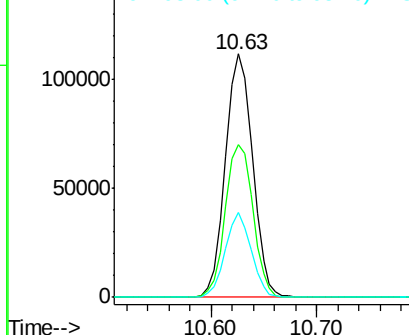
#29
 2,4-Dichlorophenol
 Concen: 47.361 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	48.0	88.0
98	34.7	21.1	61.1

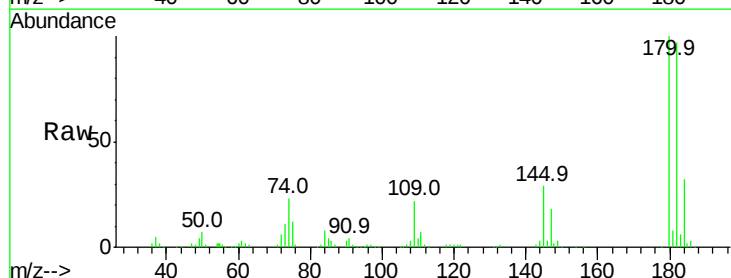


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

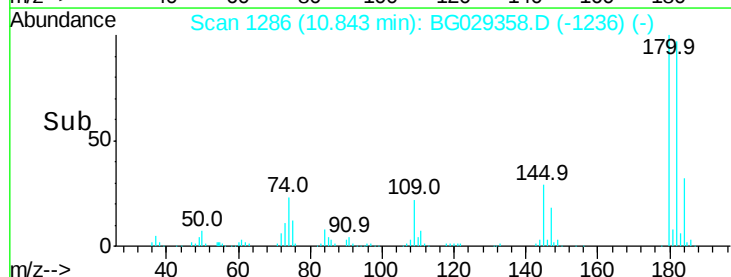
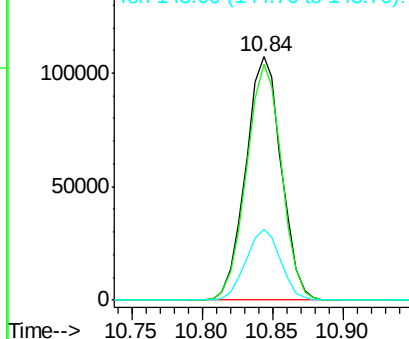


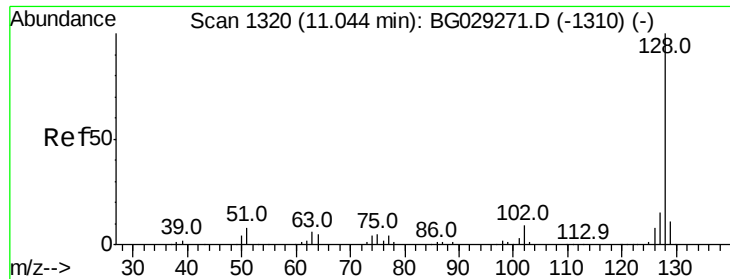
#30
 1,2,4-Trichlorobenzene
 Concen: 41.568 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	28.8	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

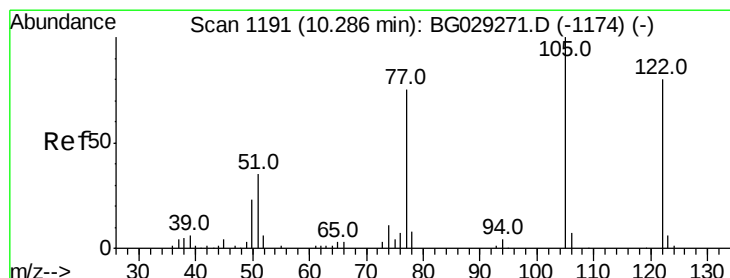
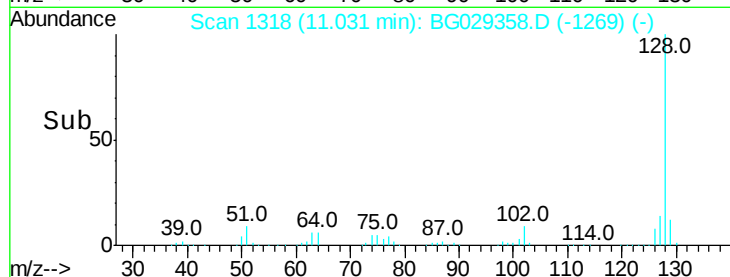
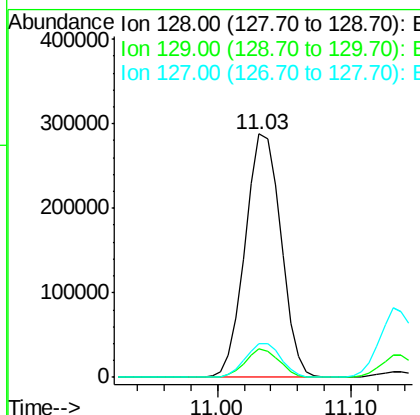
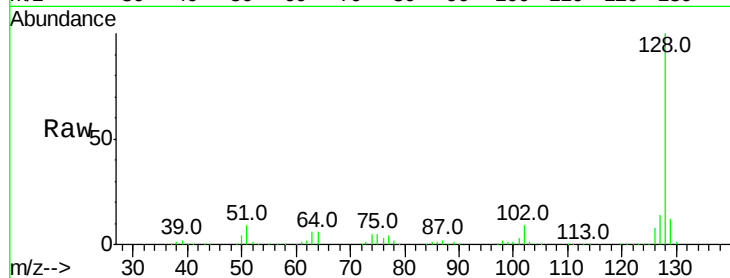




#31
Naphthalene
Concen: 41.563 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

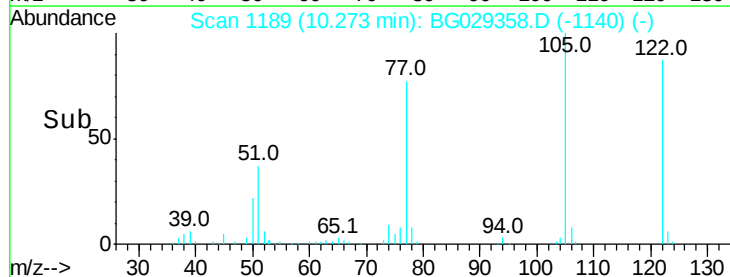
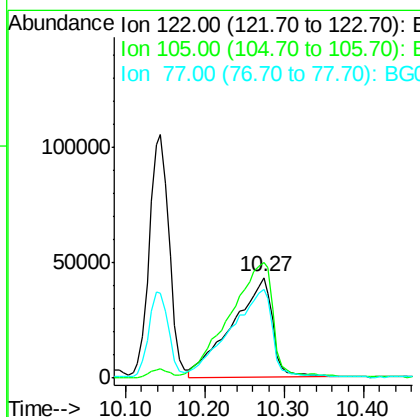
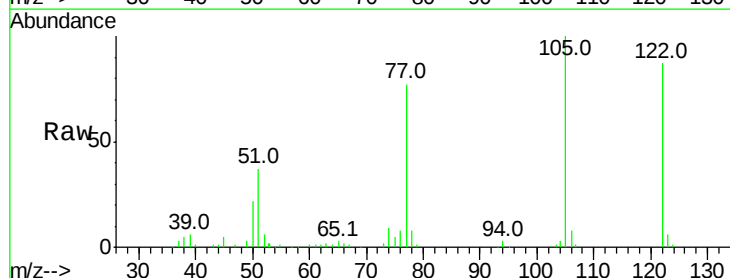
Instrument :
BNA_G
ClientSampleId :

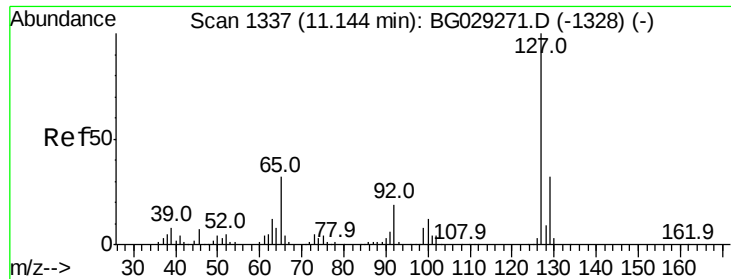
Tot Ion:128 Resp: 534549
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 46.043 ng
RT: 10.27 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:122 Resp: 152219
Ion Ratio Lower Upper
122 100
105 114.4 123.5 163.5#
77 87.8 85.7 125.7

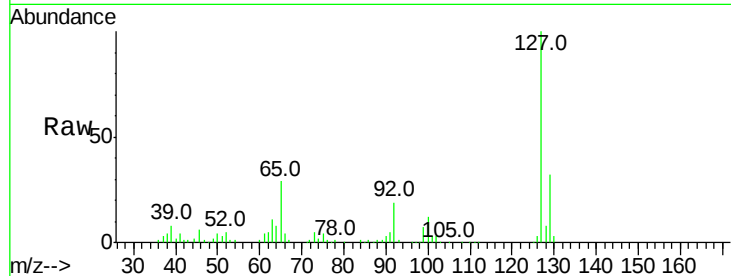




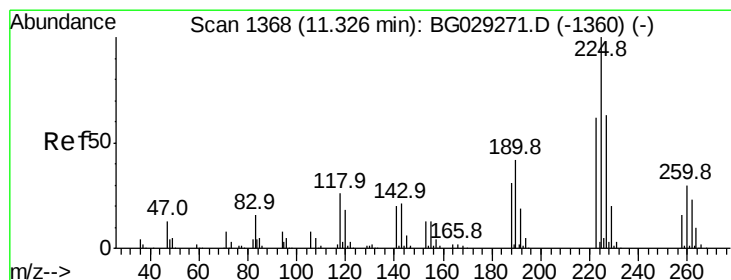
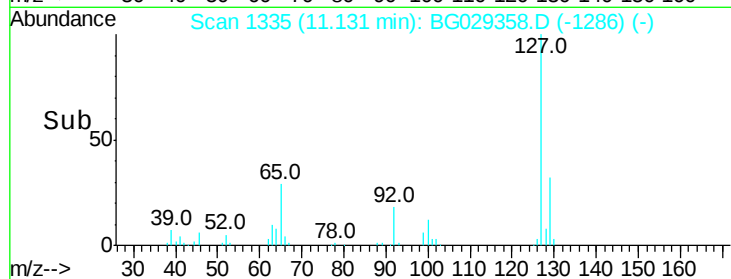
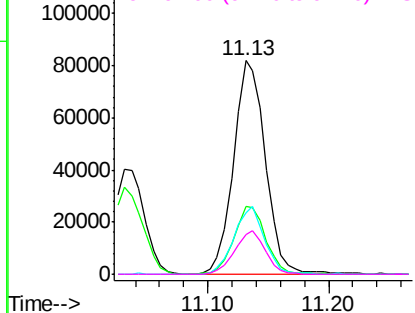
#33
4-Chloroaniline
Concen: 27.791 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	150351
Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	29.0	27.0	40.4
92	18.8	16.6	25.0

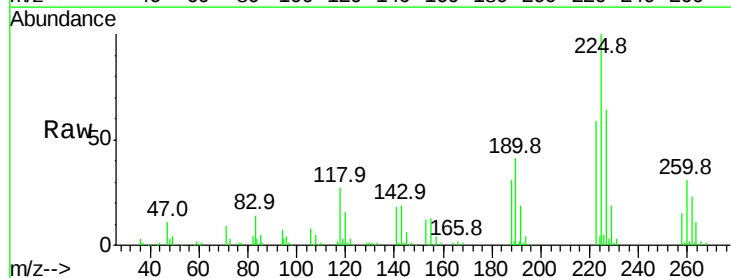


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

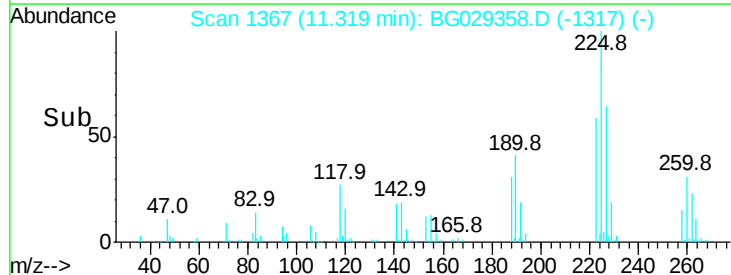
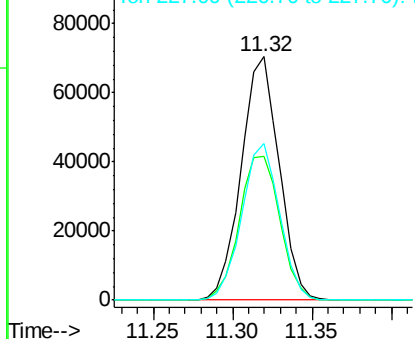


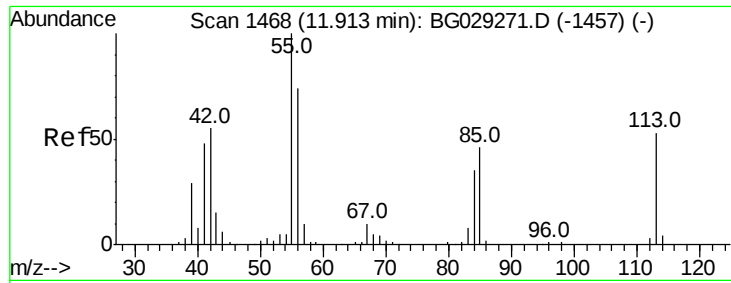
#34
Hexachlorobutadiene
Concen: 41.315 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:	225	Resp:	116845
Ion	Ratio	Lower	Upper
225	100		
223	59.2	49.7	74.5
227	64.4	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: 36.693 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

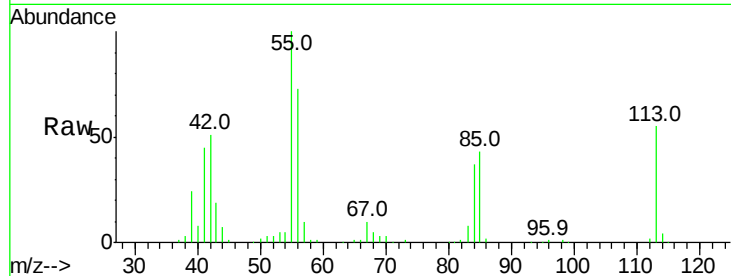
Tot Ion:113 Resp: 51345

Ion Ratio Lower Upper

113 100

55 180.6 186.9 226.9#

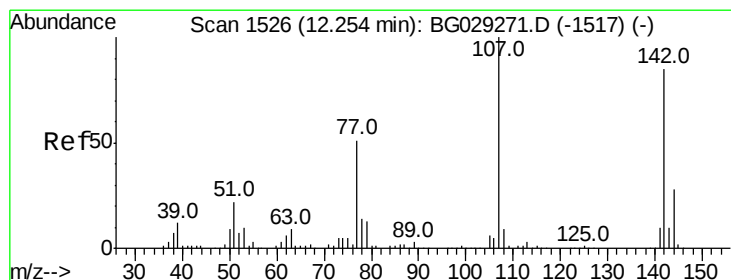
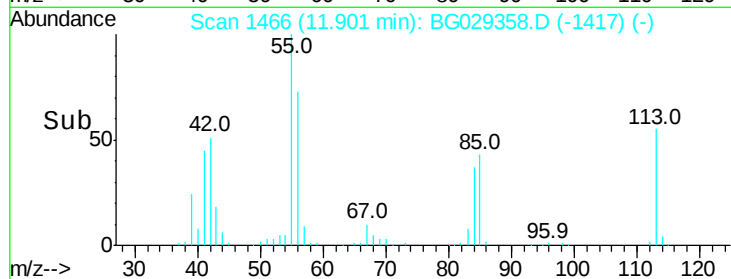
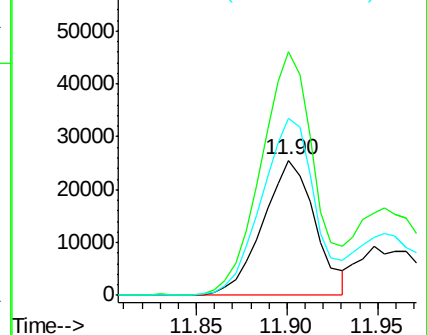
56 131.2 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.105 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

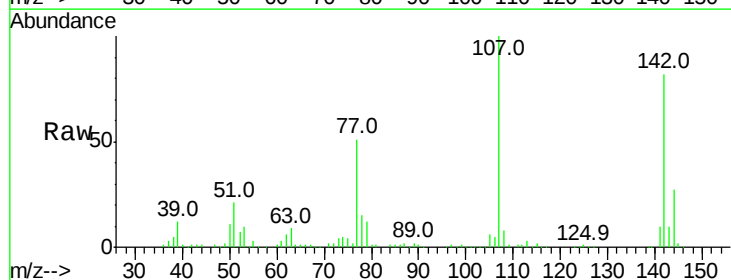
Tgt Ion:107 Resp: 213505

Ion Ratio Lower Upper

107 100

144 27.5 18.2 27.4#

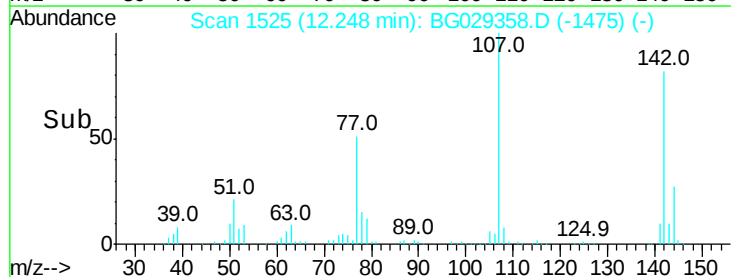
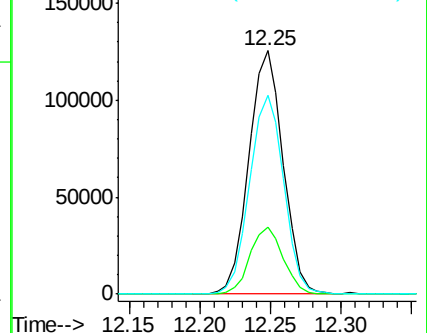
142 81.6 59.0 88.4

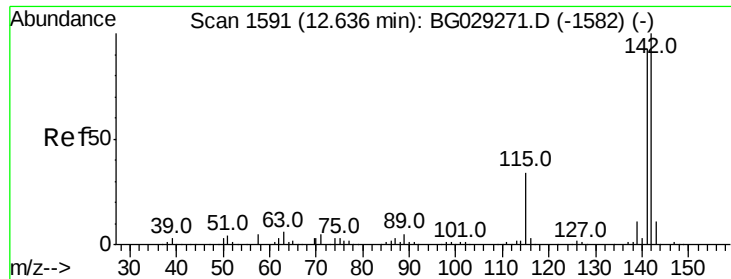


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

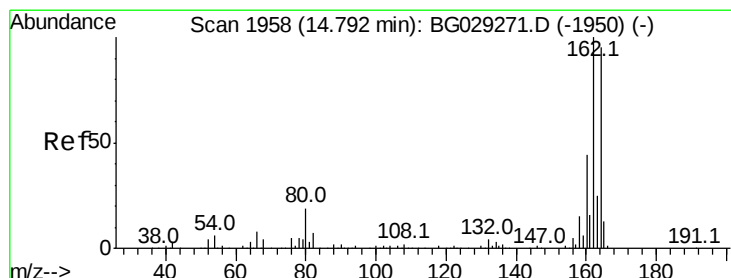
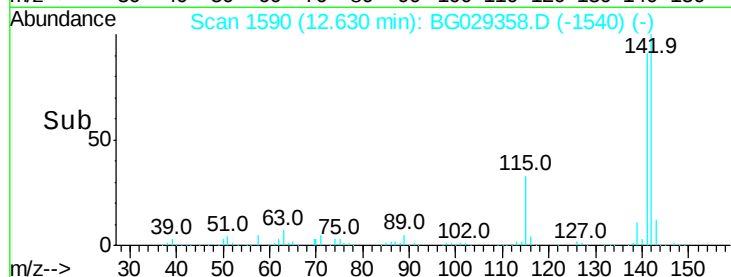
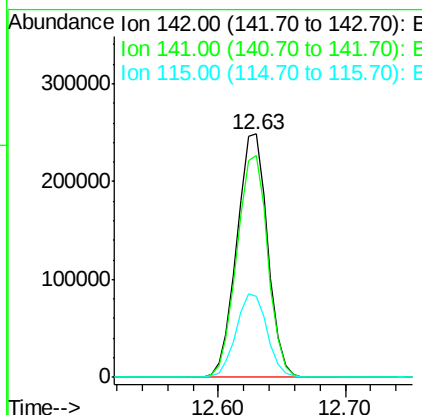
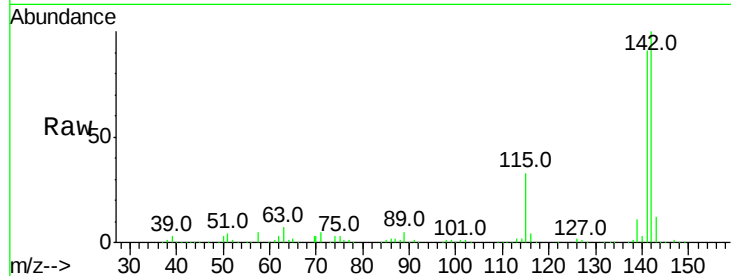




#37
2-Methylnaphthalene
Concen: 44.591 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

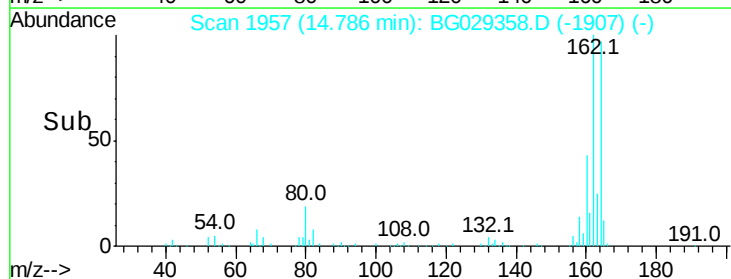
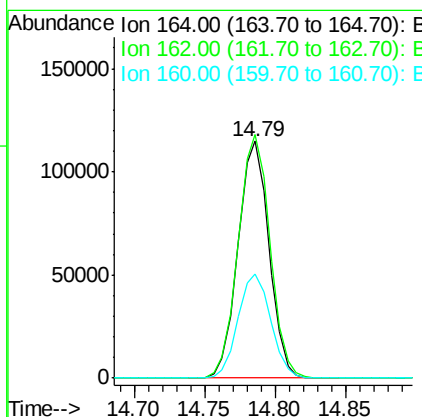
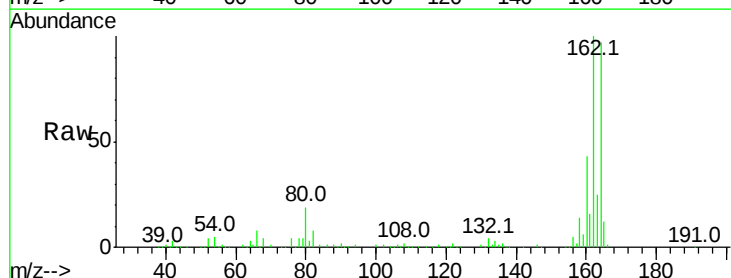
Instrument :
BNA_G
ClientSampleId :

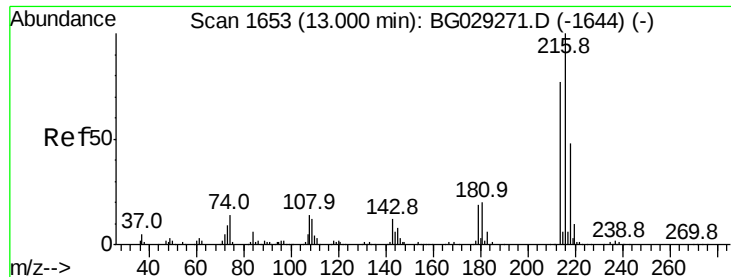
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	67.1	100.7
115	33.3	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	44.0	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.995 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 224975

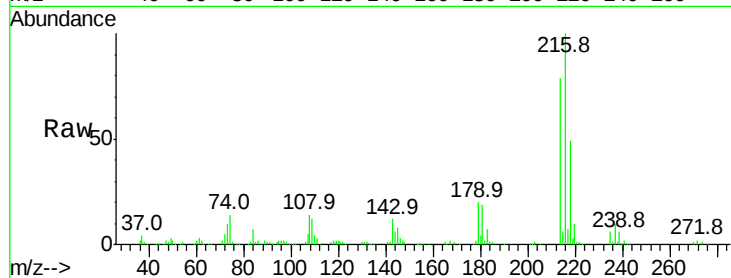
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 19.9 17.0 25.6

108 18.1 12.8 19.2

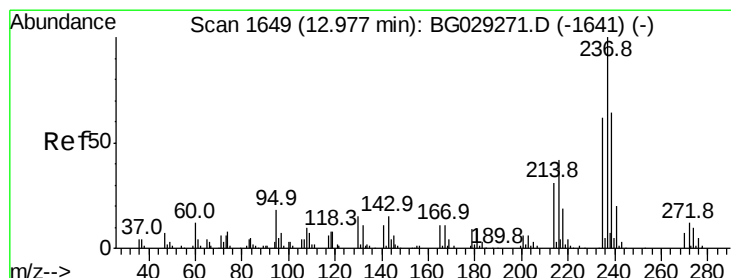
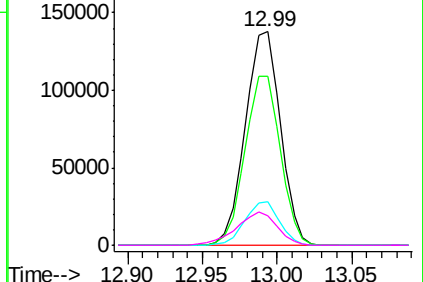
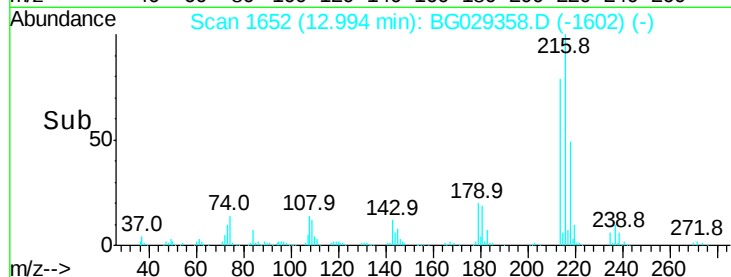


Abundance Ion 216.00 (215.70 to 216.70): E

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: 121.809 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

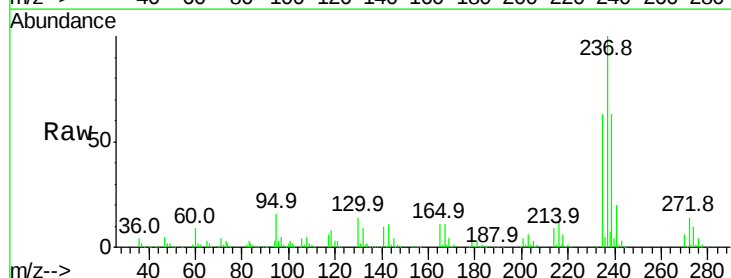
Tgt Ion:237 Resp: 302951

Ion Ratio Lower Upper

237 100

235 63.3 50.4 90.4

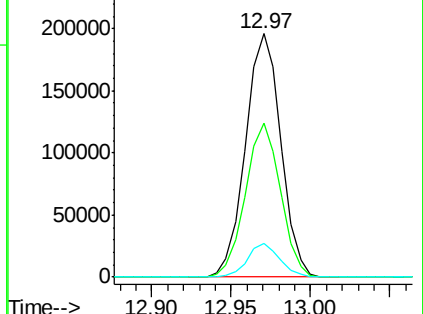
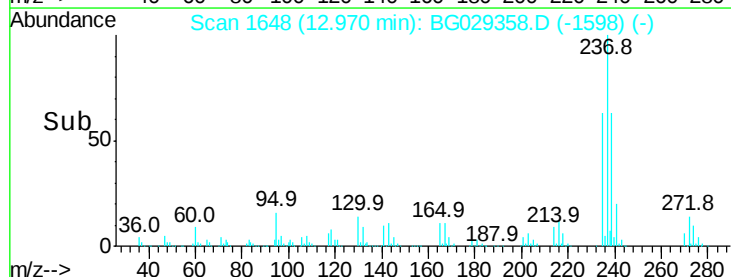
272 13.6 0.0 31.8

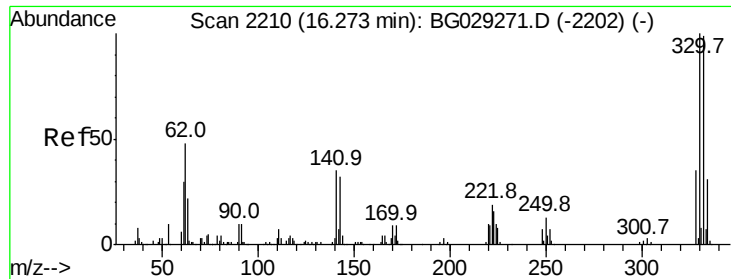


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

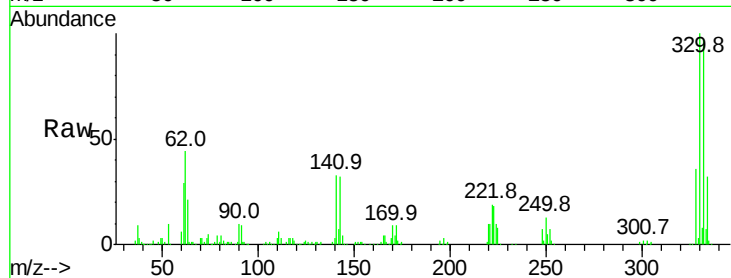




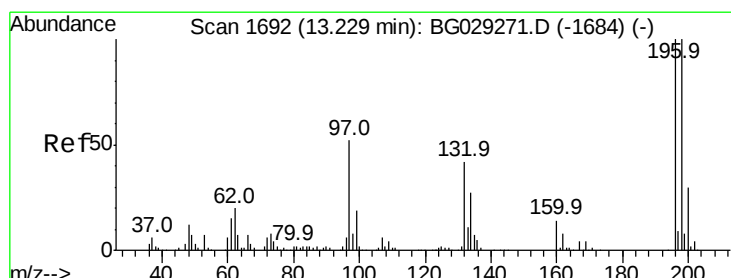
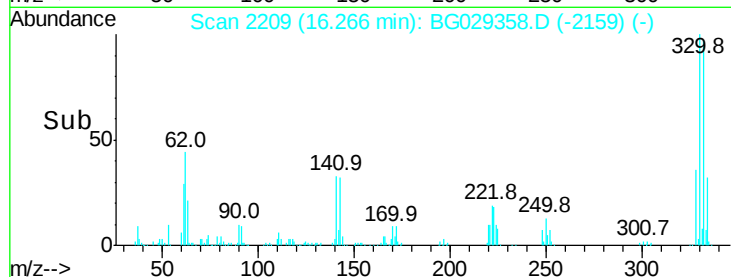
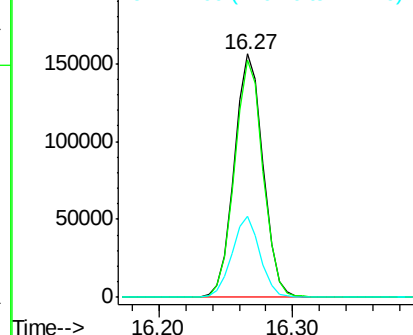
#41
 2,4,6-Tribromophenol
 Concen: 103.431 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	32.7	25.2	37.8

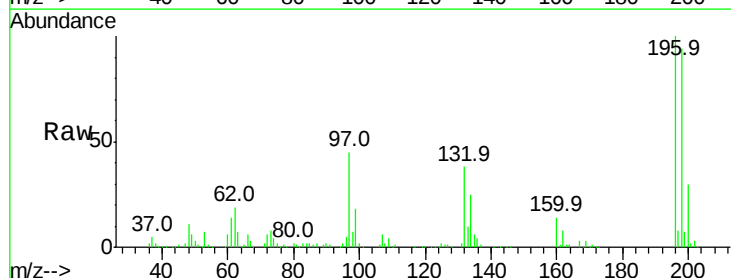


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

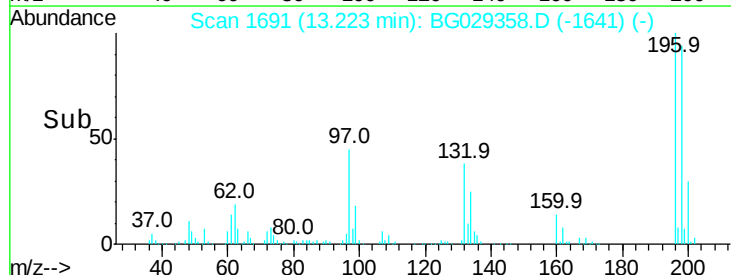
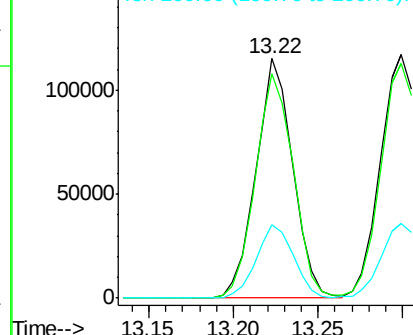


#42
 2,4,6-Trichlorophenol
 Concen: 43.313 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	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

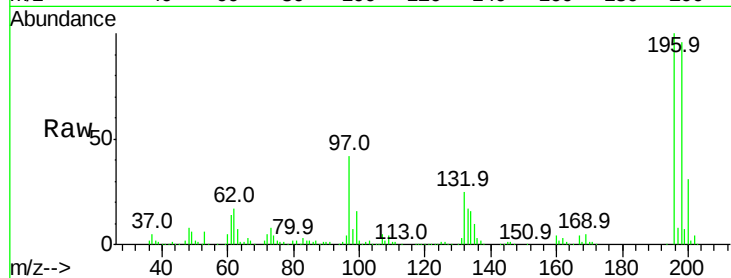




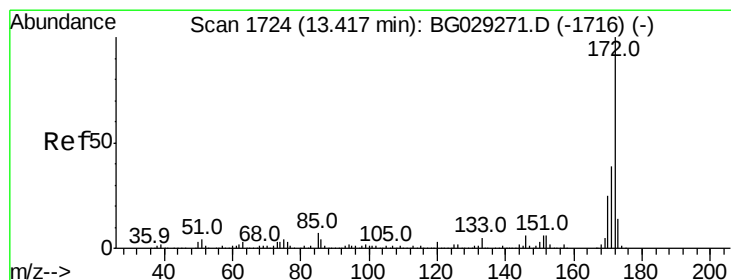
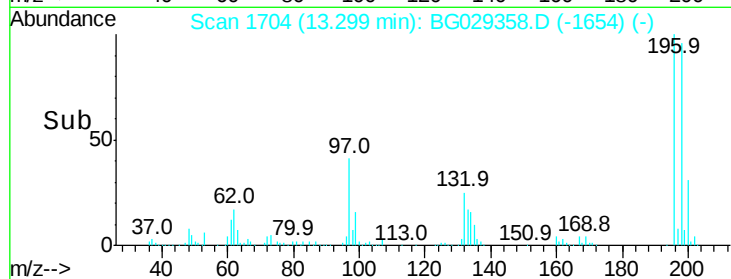
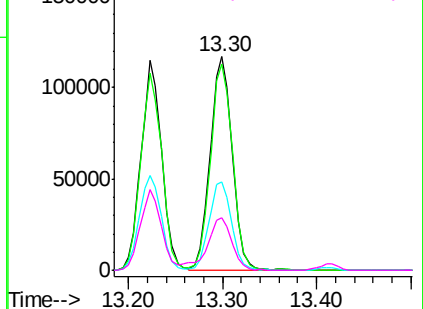
#43
 2,4,5-Trichlorophenol
 Concen: 46.631 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	193270
Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.4
97	41.5	38.7	58.1
132	24.7	20.2	30.2

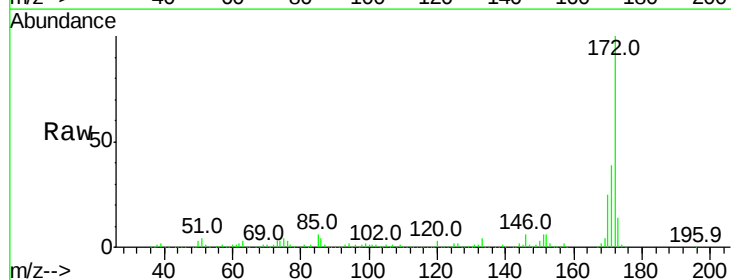


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

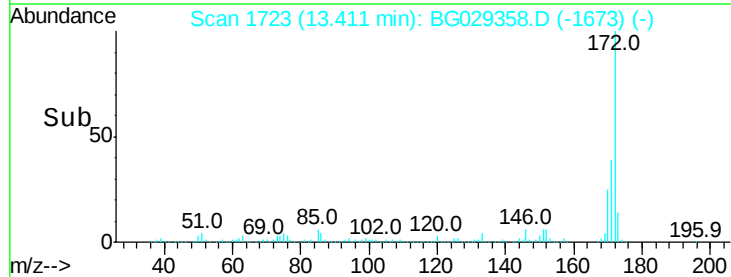
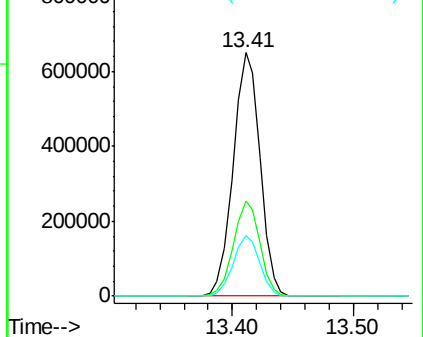


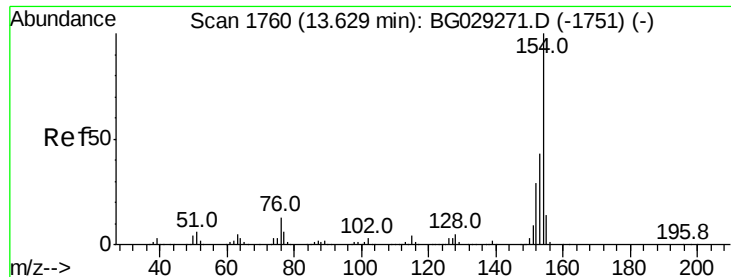
#44
 2-Fluorobiphenyl
 Concen: 83.777 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion:	172	Resp:	1005812
Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	24.8	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.814 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

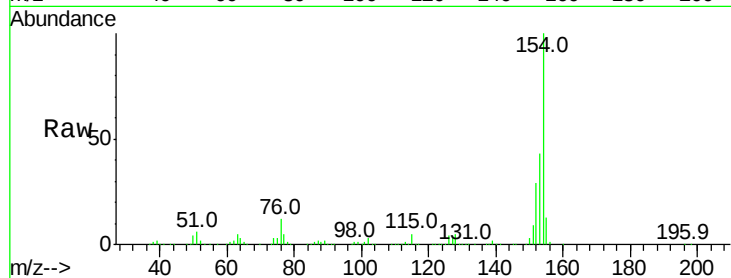
Tot Ion:154 Resp: 572311

Ion Ratio Lower Upper

154 100

153 43.1 19.8 59.8

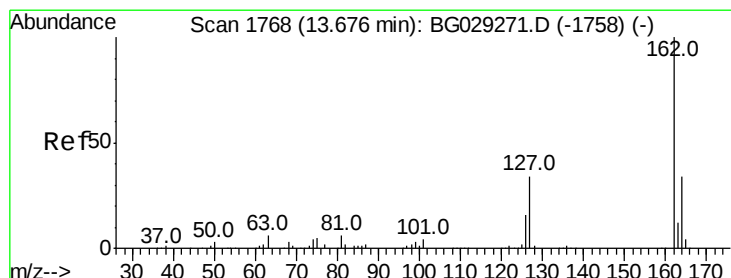
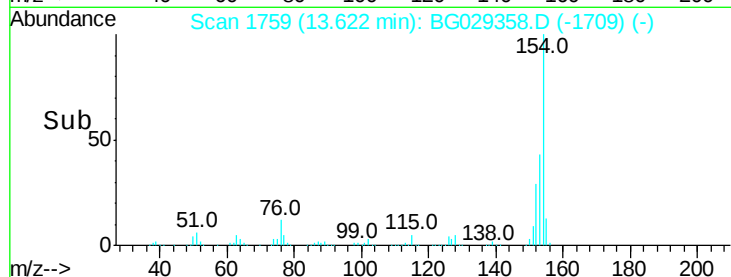
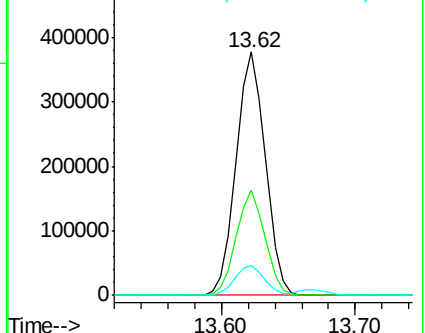
76 12.3 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 40.086 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

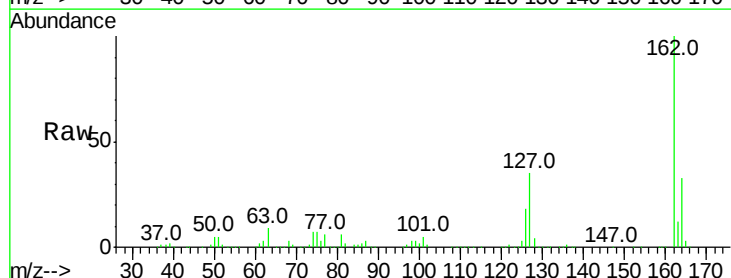
Tgt Ion:162 Resp: 442535

Ion Ratio Lower Upper

162 100

127 35.4 30.7 46.1

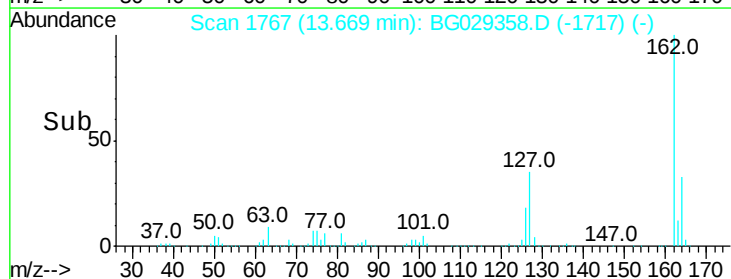
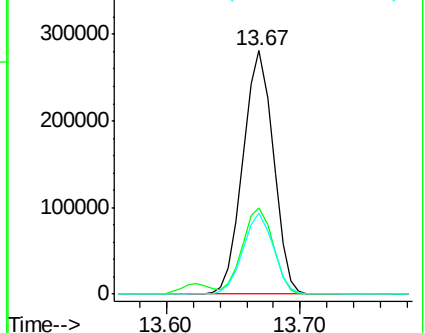
164 33.4 26.0 39.0

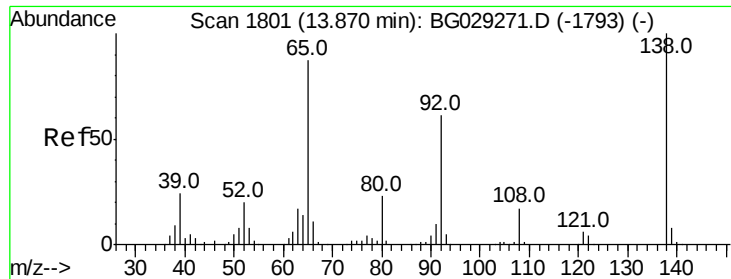


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

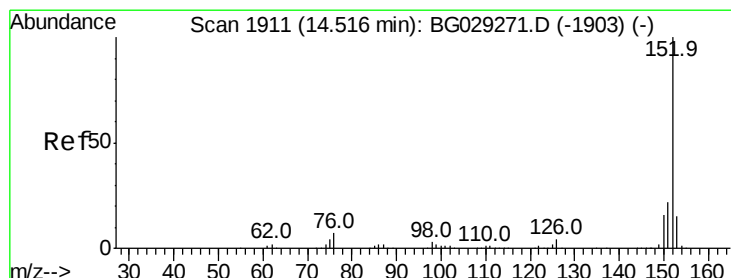
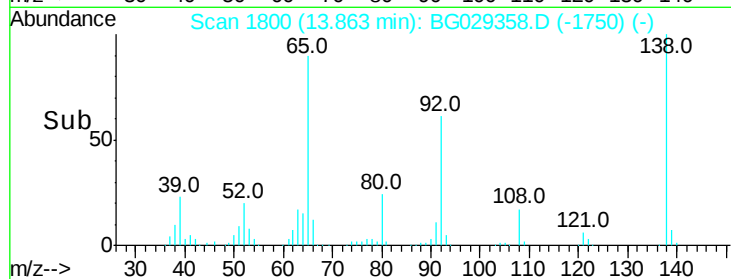
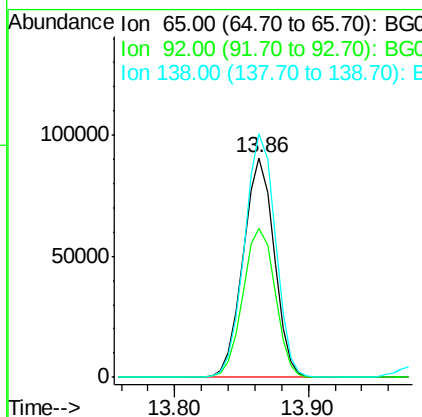
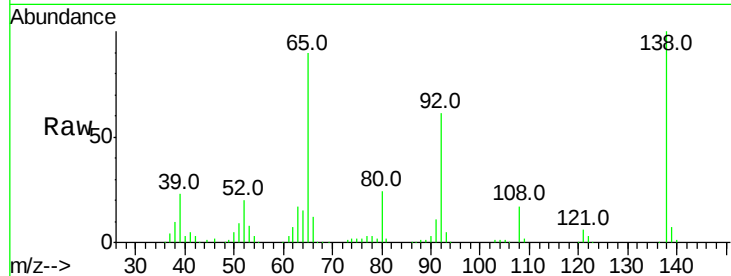




#47
 2-Nitroaniline
 Concen: 47.940 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

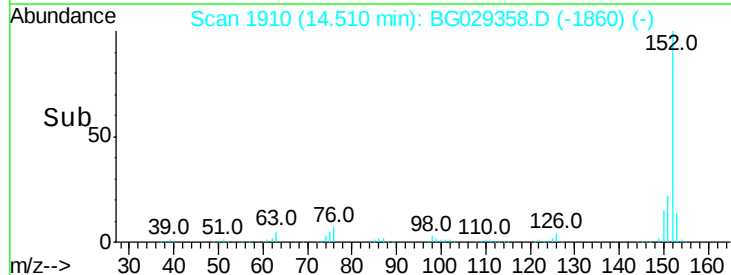
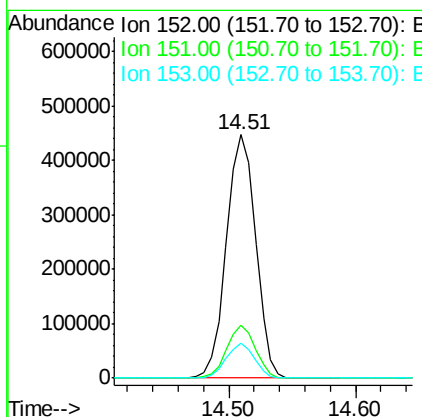
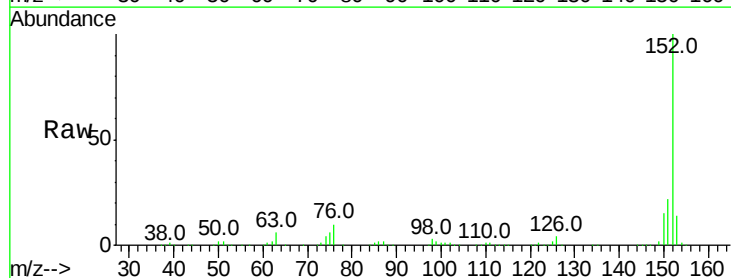
Instrument :
 BNA_G
 ClientSampleId :

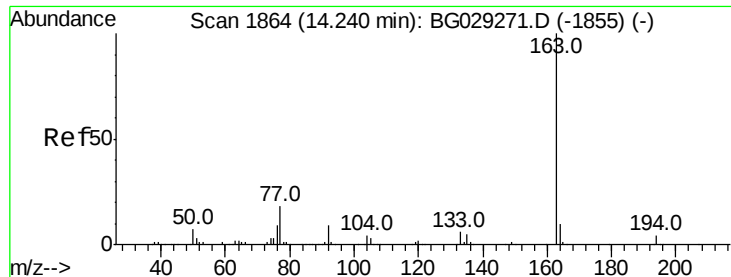
Tot Ion: 65 Resp: 145367
 Ion Ratio Lower Upper
 65 100
 92 68.0 54.6 82.0
 138 111.0 72.9 109.3#



#48
 Acenaphthylene
 Concen: 41.228 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion: 152 Resp: 712328
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.2 25.8
 153 14.4 10.2 15.4





#49

Dimethylphthalate

Concen: 44.665 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampled :

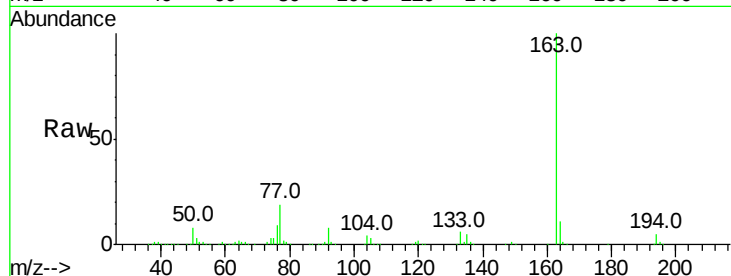
Tot Ion:163 Resp: 613627

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

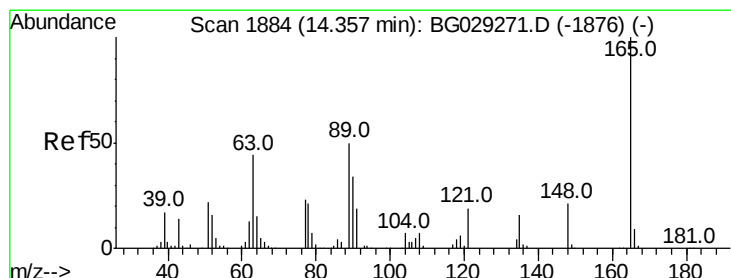
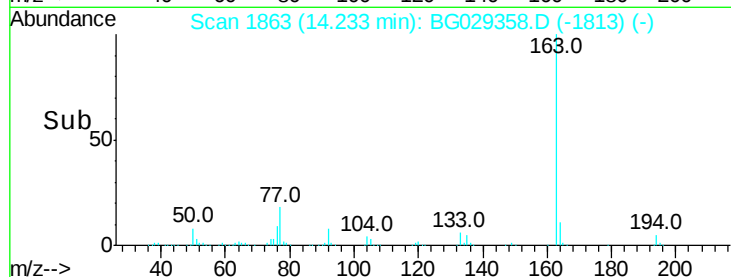
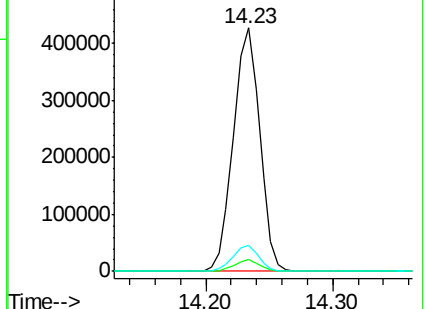
164 10.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.533 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

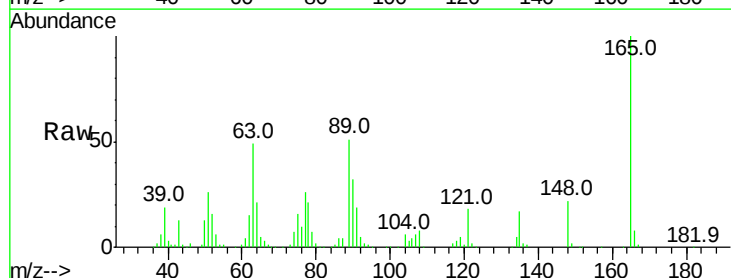
Tgt Ion:165 Resp: 139776

Ion Ratio Lower Upper

165 100

63 49.2 52.7 79.1#

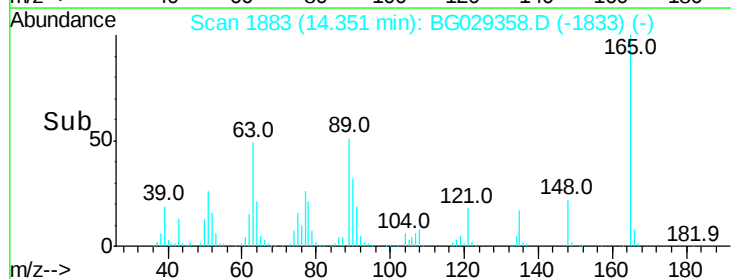
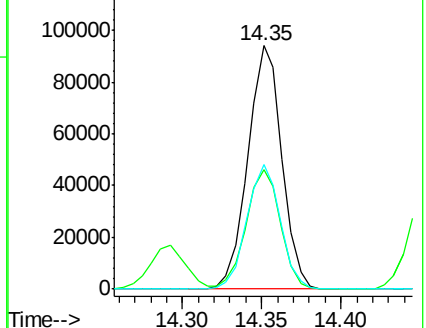
89 51.0 49.2 73.8

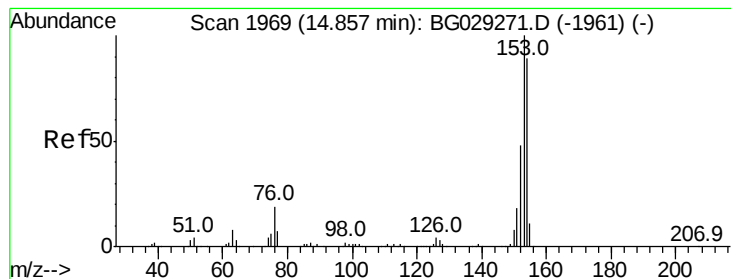


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.197 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

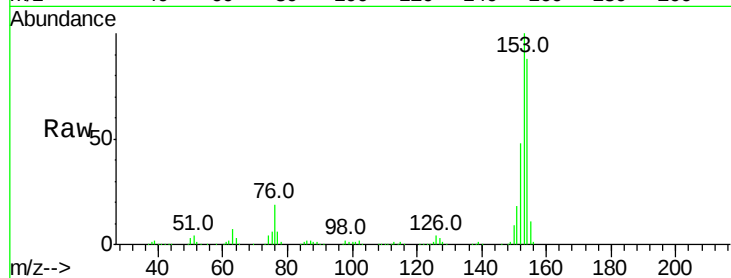
Tot Ion:154 Resp: 440635

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

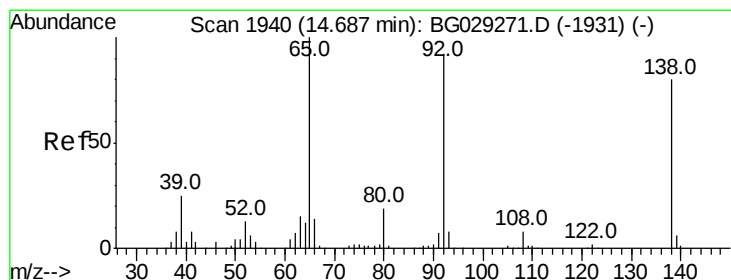
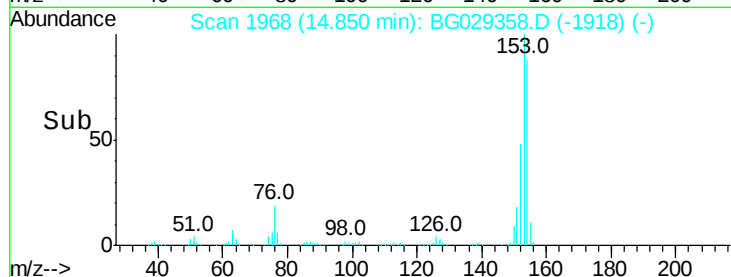
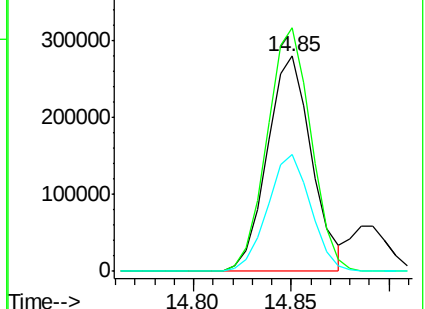
152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.243 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

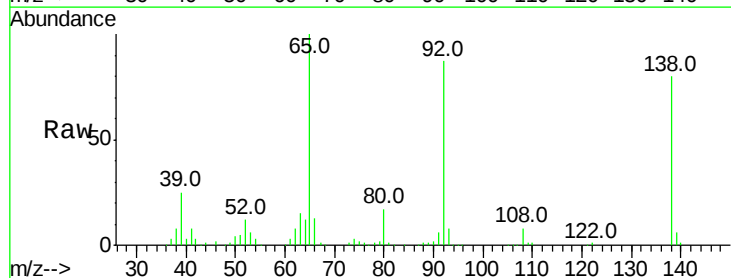
Tgt Ion:138 Resp: 109526

Ion Ratio Lower Upper

138 100

108 9.6 17.5 26.3#

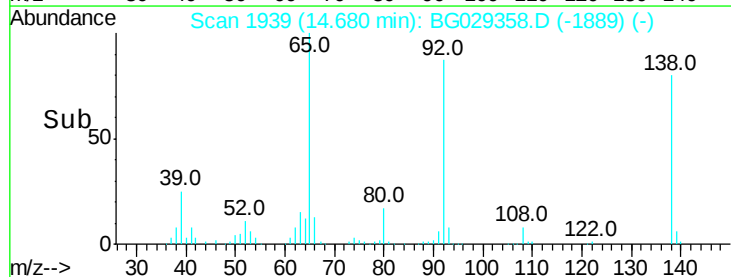
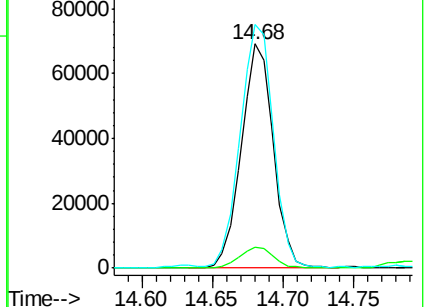
92 108.7 105.8 158.8

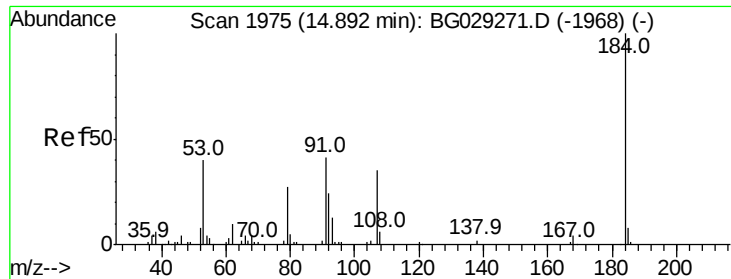


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

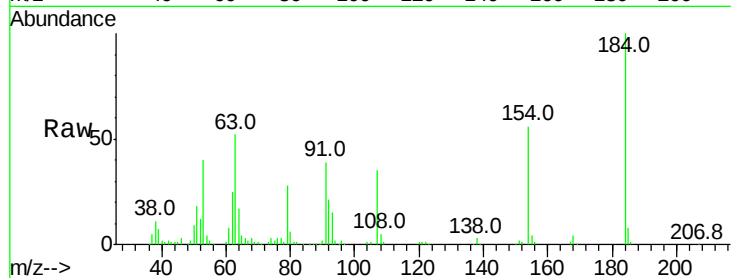




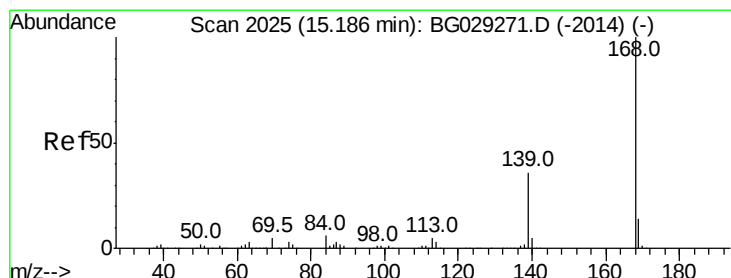
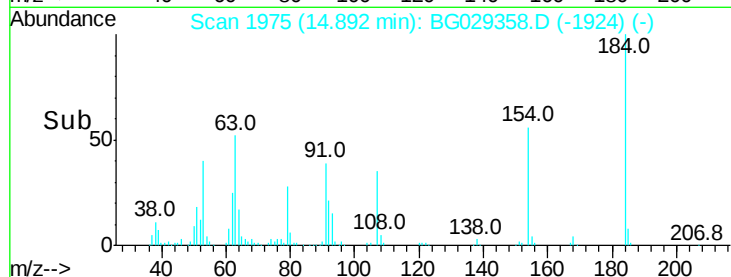
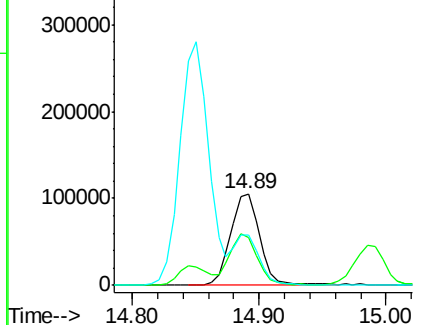
#53
 2,4-Dinitrophenol
 Concen: 103.726 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 167904
 Ion Ratio Lower Upper
 184 100
 63 52.1 59.8 89.8#
 154 55.7 101.8 152.8#

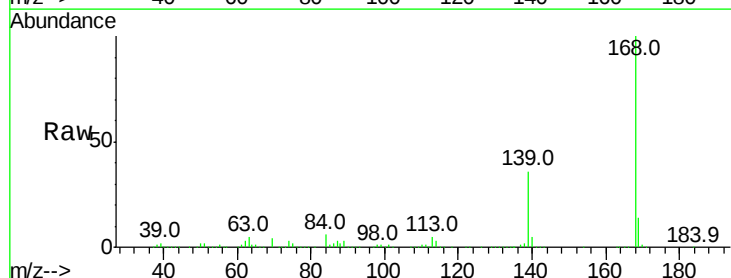


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

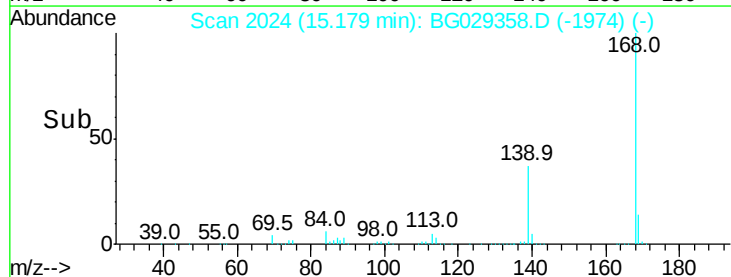
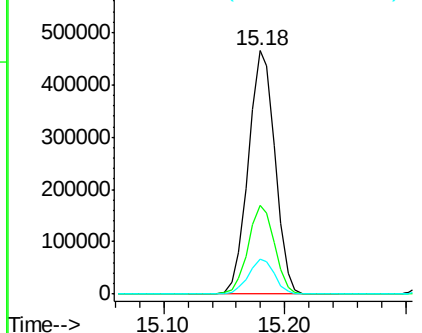


#54
 Dibenzofuran
 Concen: 44.703 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion:168 Resp: 717400
 Ion Ratio Lower Upper
 168 100
 139 36.5 28.6 43.0
 169 14.4 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

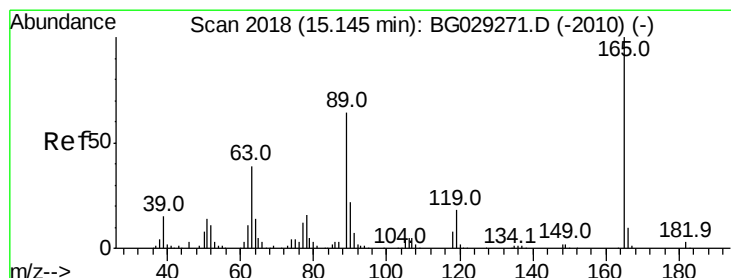
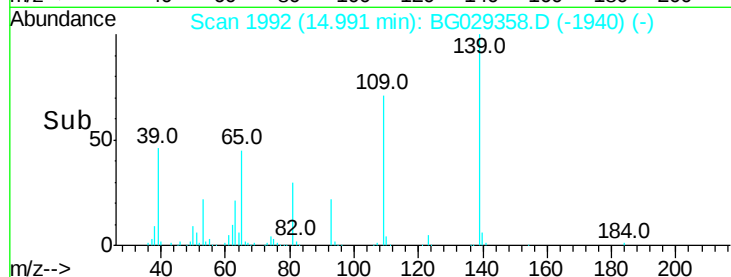
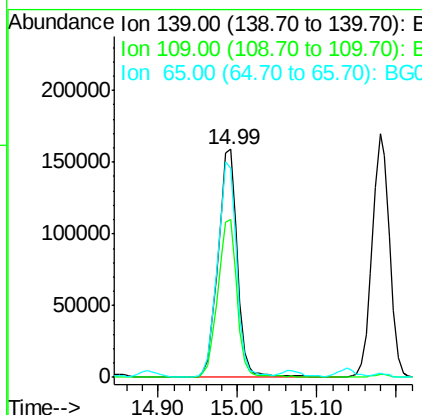
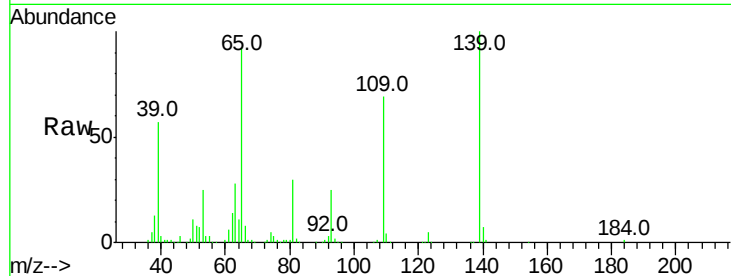




#55
4-Nitrophenol
Concen: 104.559 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

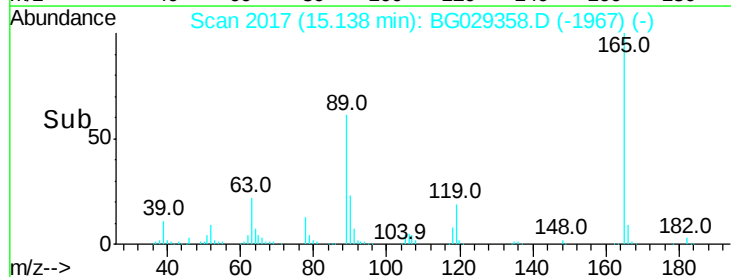
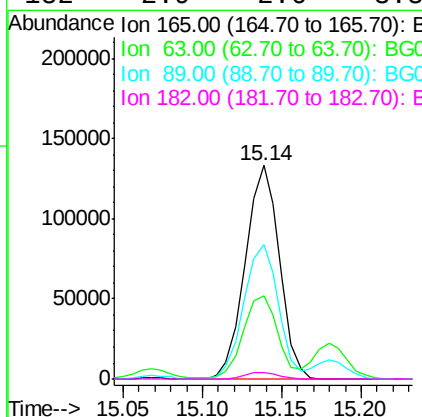
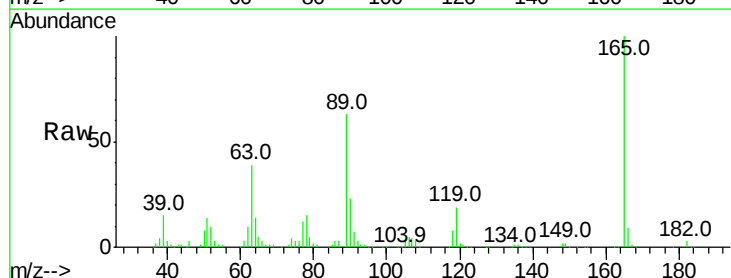
Instrument :
BNA_G
ClientSampleId :

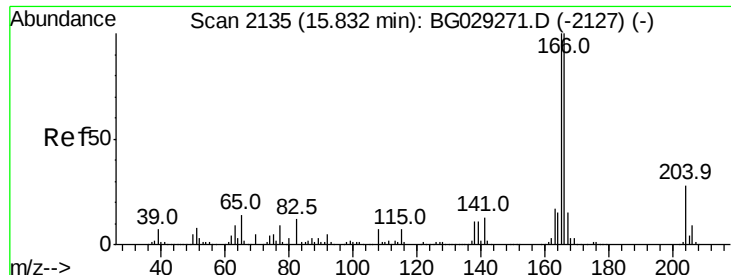
Tot Ion:139 Resp: 267892
Ion Ratio Lower Upper
139 100
109 69.4 62.2 102.2
65 91.5 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 51.293 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:165 Resp: 199975
Ion Ratio Lower Upper
165 100
63 39.2 42.0 63.0#
89 62.8 66.9 100.3#
182 2.9 2.6 3.8

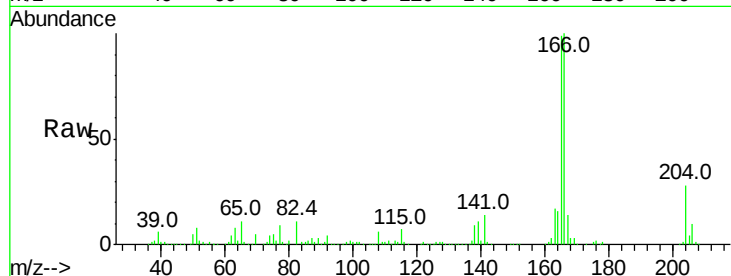




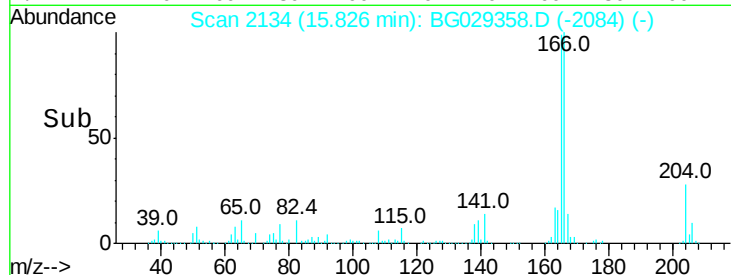
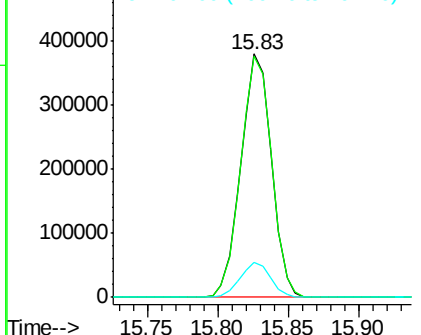
#57
 Fluorene
 Concen: 43.398 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 575333
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.6 121.0
 167 14.3 10.4 15.6



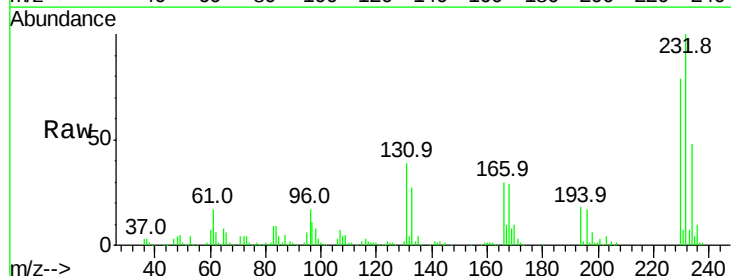
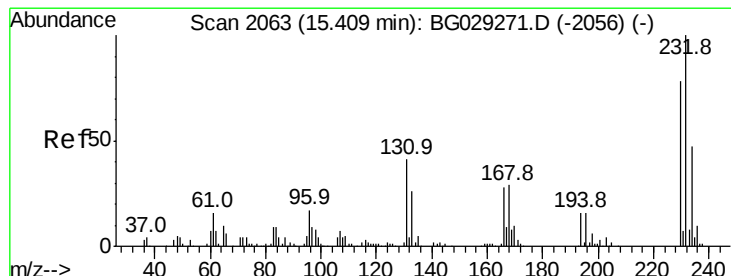
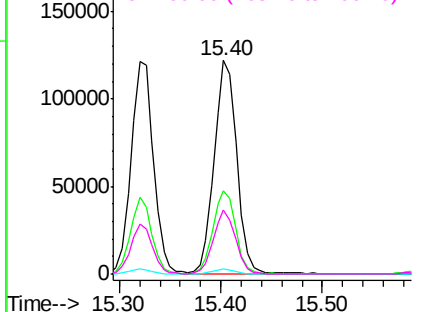
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

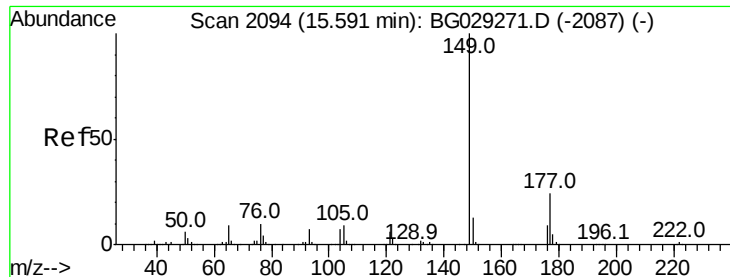


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.507 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion:232 Resp: 188478
 Ion Ratio Lower Upper
 232 100
 131 38.5 33.5 50.3
 130 2.3 2.2 3.2
 166 29.4 24.8 37.2

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

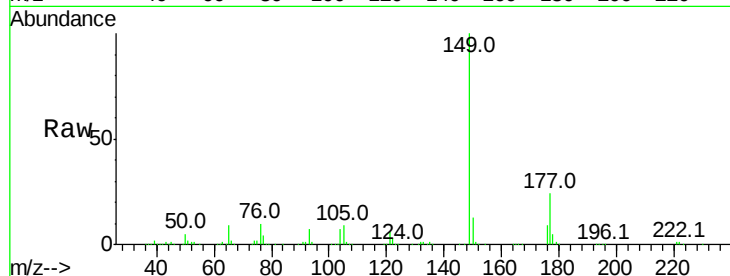




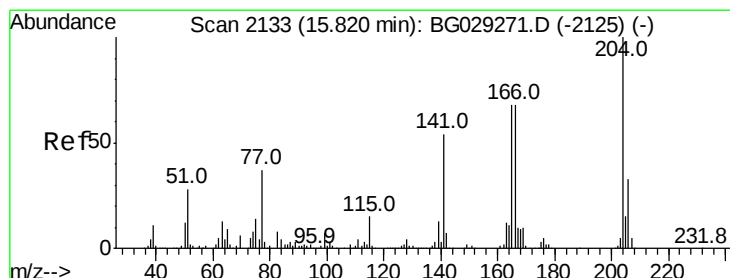
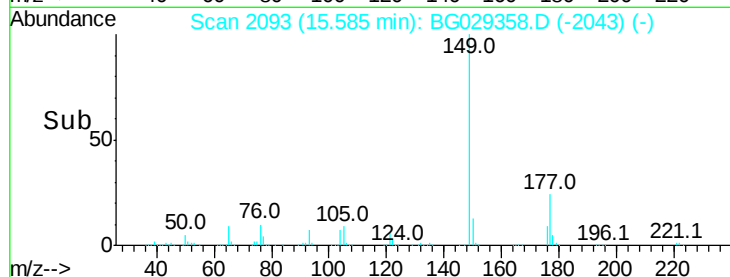
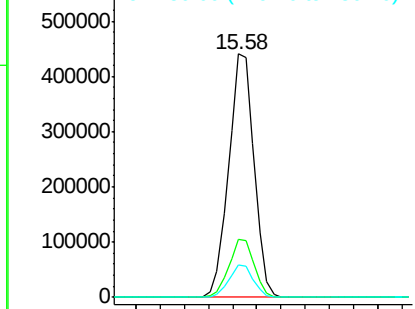
#59
Diethylphthalate
Concen: 46.765 ng
RT: 15.58 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 640303
Ion Ratio Lower Upper
149 100
177 24.1 18.5 27.7
150 13.1 10.2 15.2

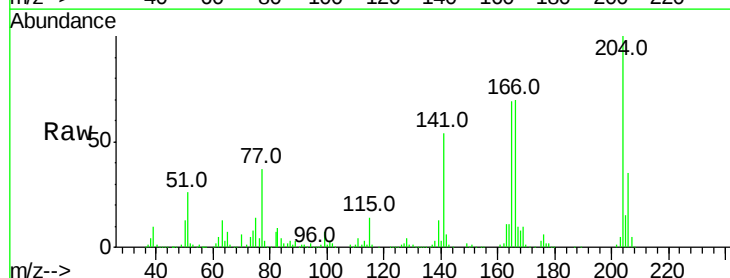


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

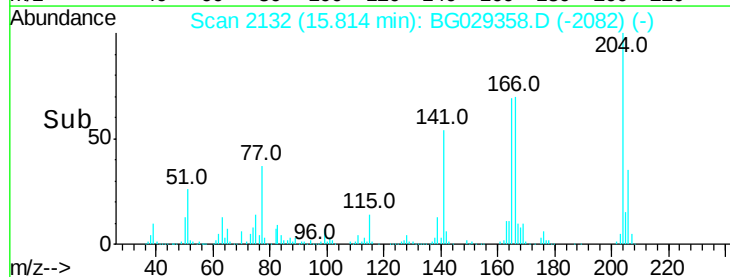
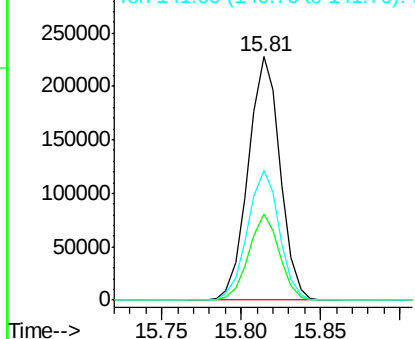


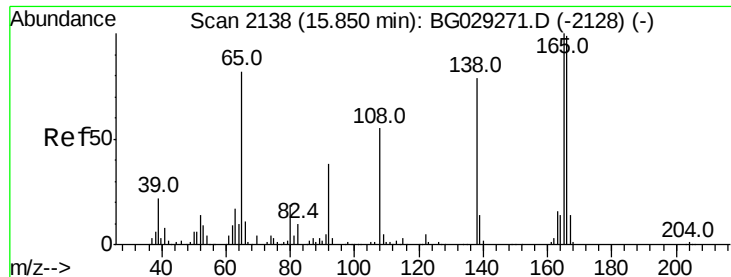
#60
4-Chlorophenyl-phenylether
Concen: 44.928 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:204 Resp: 317568
Ion Ratio Lower Upper
204 100
206 35.2 26.2 39.2
141 53.5 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

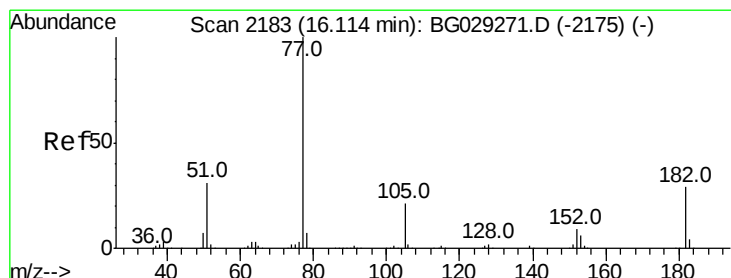
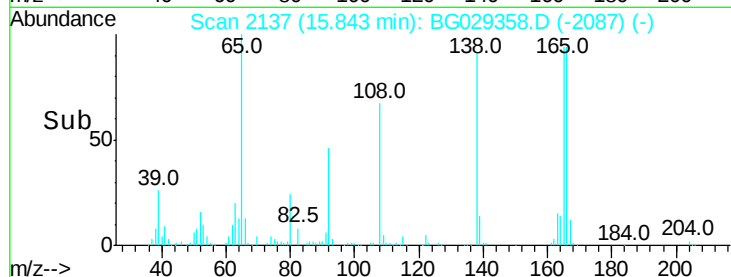
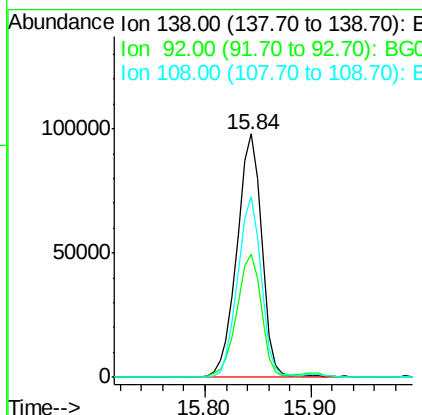
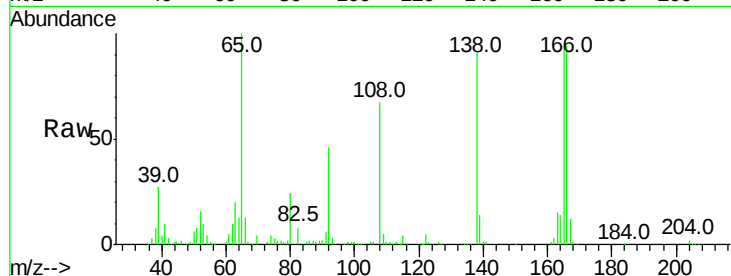




#61
4-Nitroaniline
Concen: 50.018 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

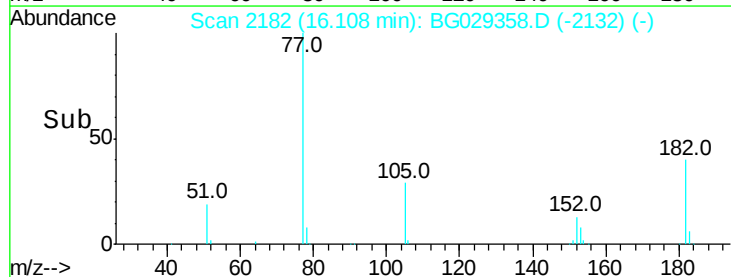
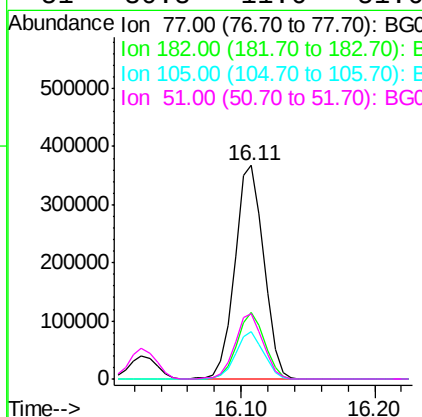
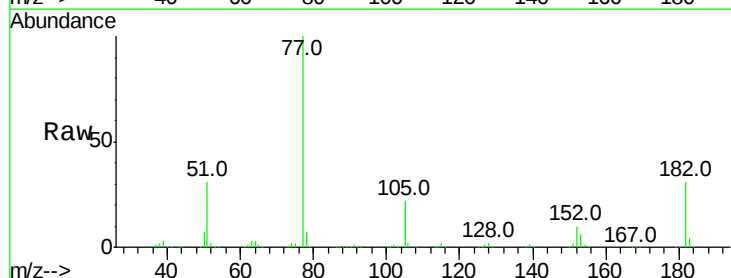
Instrument :
BNA_G
ClientSampleId :

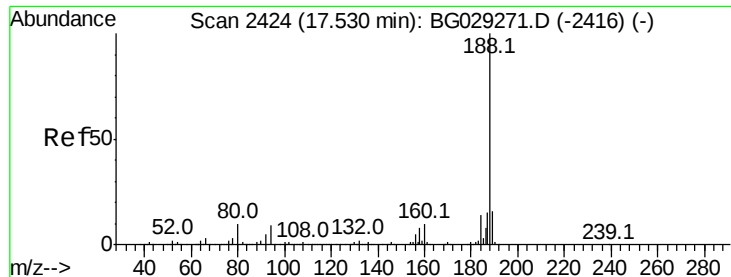
Tot Ion:138 Resp: 159614
Ion Ratio Lower Upper
138 100
92 50.5 40.1 80.1
108 74.0 65.4 105.4



#62
Azobenzene
Concen: 47.538 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion: 77 Resp: 548865
Ion Ratio Lower Upper
77 100
182 31.2 7.4 47.4
105 22.4 0.3 40.3
51 30.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

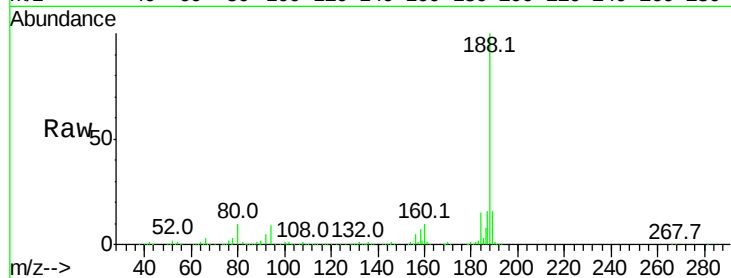
Tot Ion:188 Resp: 456862

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.52

300000

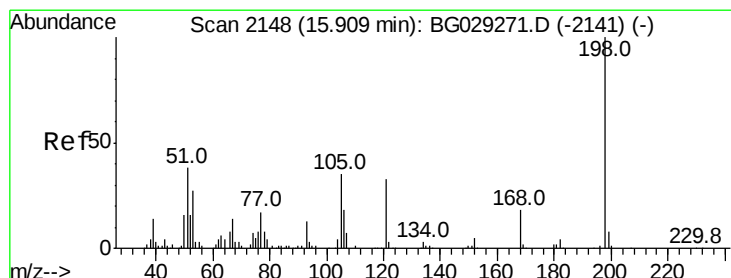
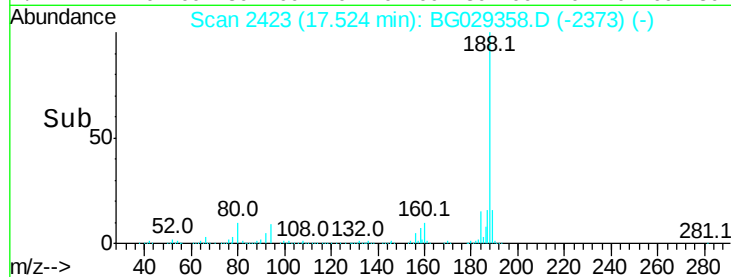
200000

100000

0

Time-->

17.50 17.60



#64

4,6-Dinitro-2-methylphenol

Concen: 45.202 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

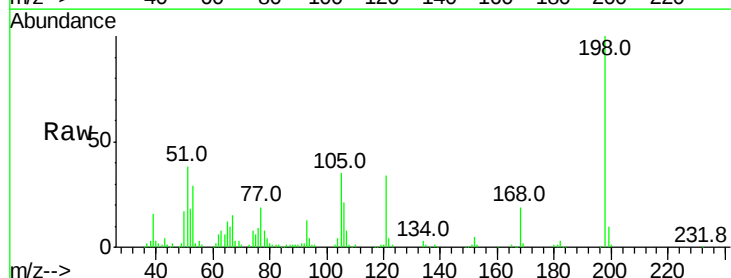
Tgt Ion:198 Resp: 116591

Ion Ratio Lower Upper

198 100

51 38.2 30.6 70.6

105 35.0 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.90

100000

80000

60000

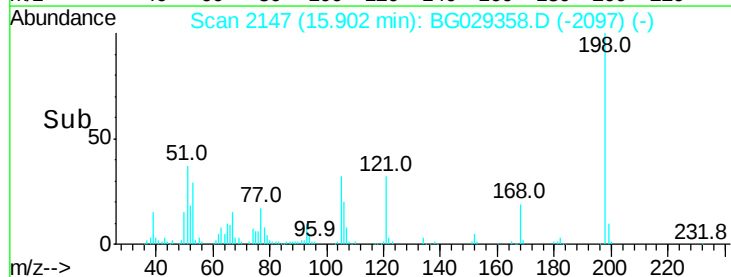
40000

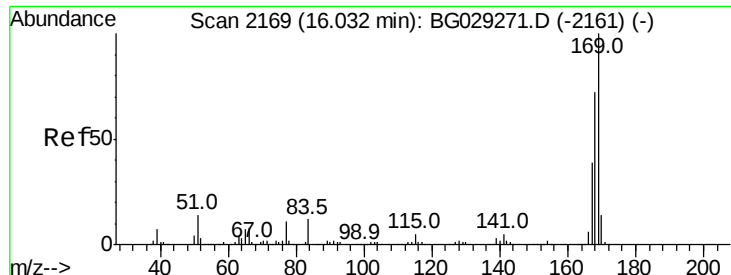
20000

0

Time-->

15.80 15.90 16.00

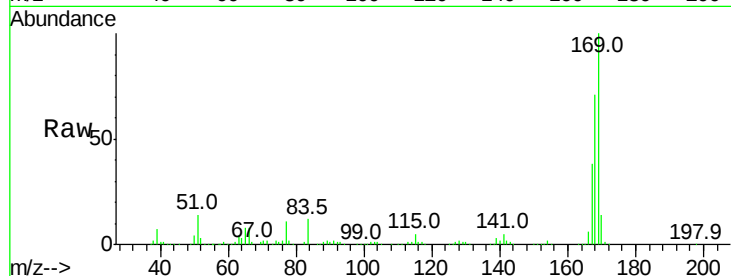




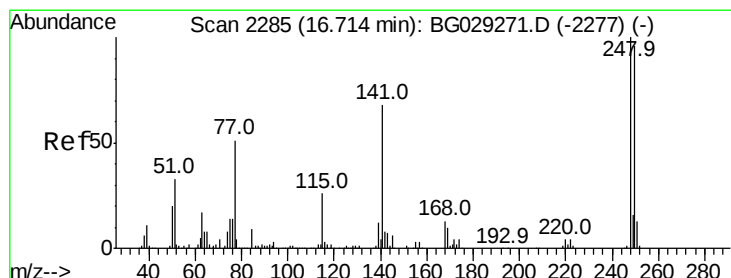
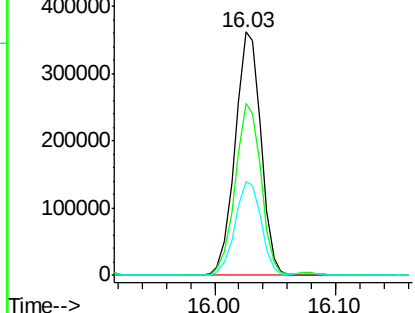
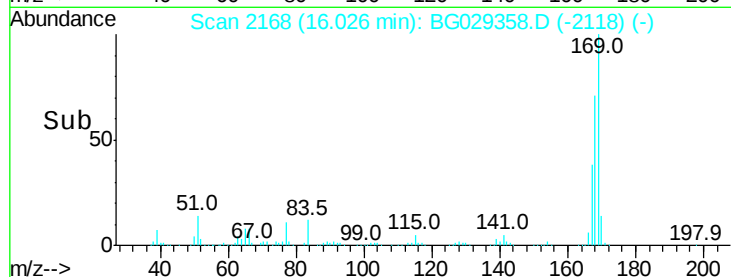
#65
n-Nitrosodiphenylamine
Concen: 39.394 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 539128
Ion Ratio Lower Upper
169 100
168 70.8 55.7 83.5
167 38.3 30.1 45.1

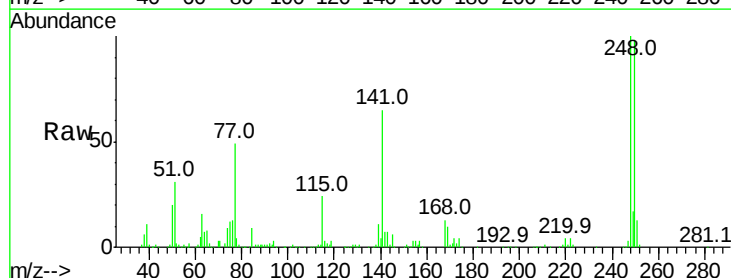


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

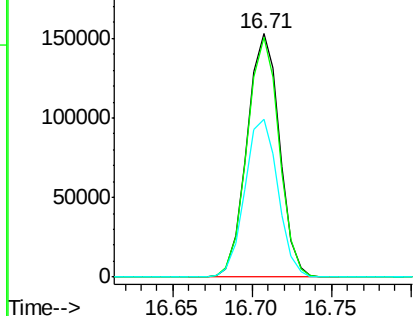
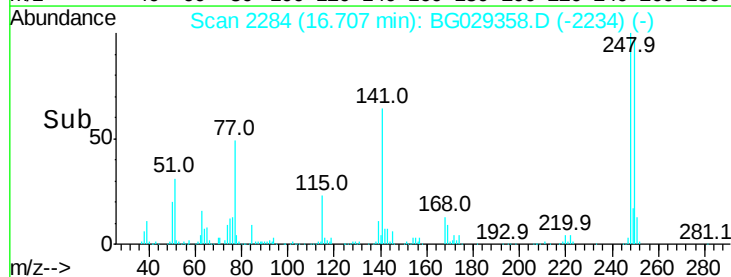


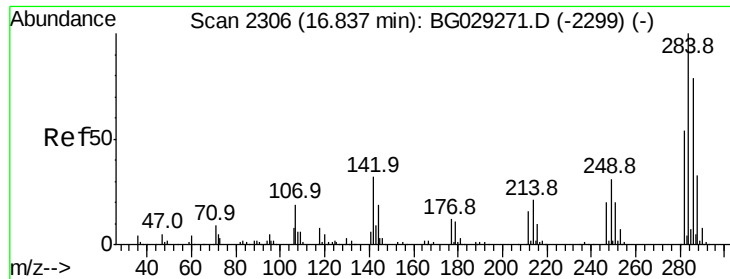
#66
4-Bromophenyl-phenylether
Concen: 41.487 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:248 Resp: 217491
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 64.7 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

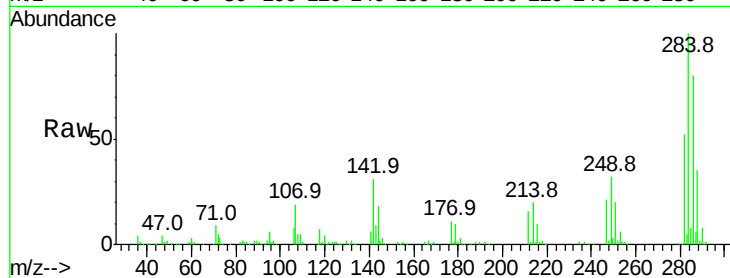




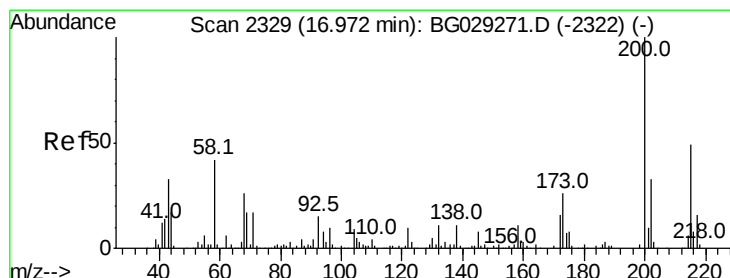
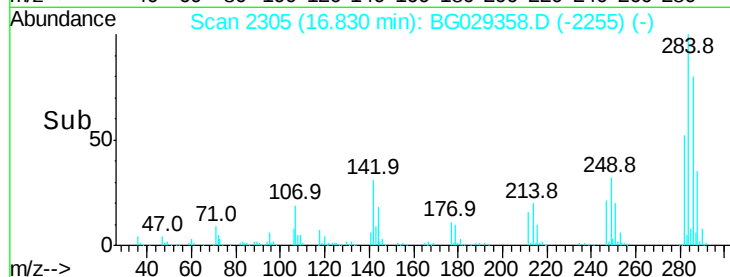
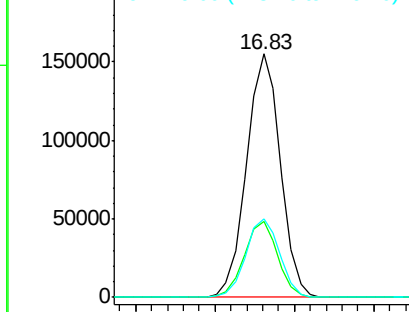
#67
Hexachlorobenzene
Concen: 38.610 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.8	40.2
249	32.4	26.3	39.5

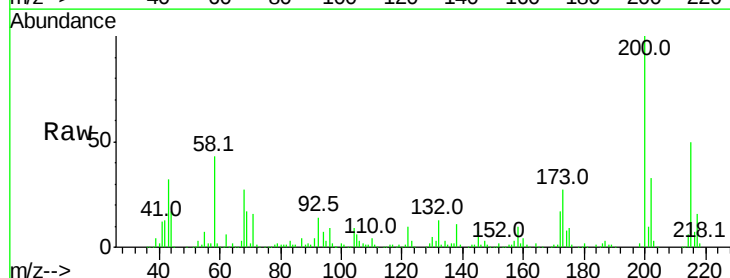


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

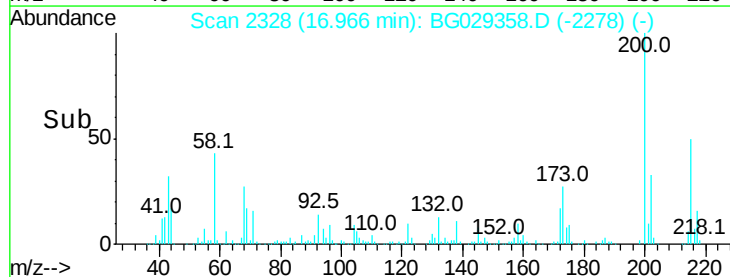
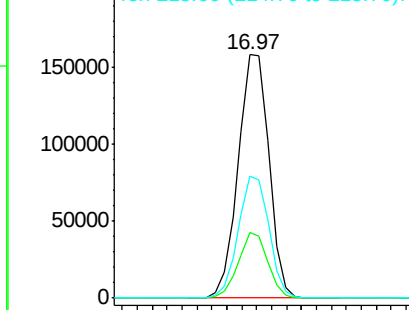


#68
Atrazine
Concen: 46.357 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.2	45.2
215	50.2	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

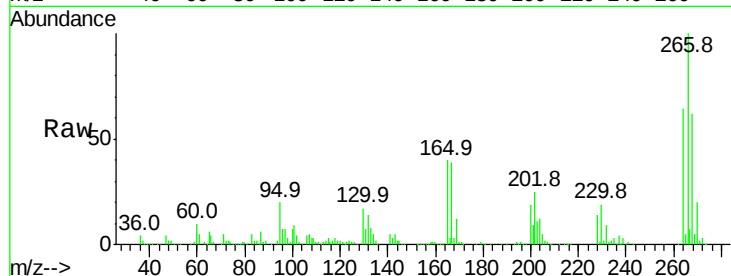




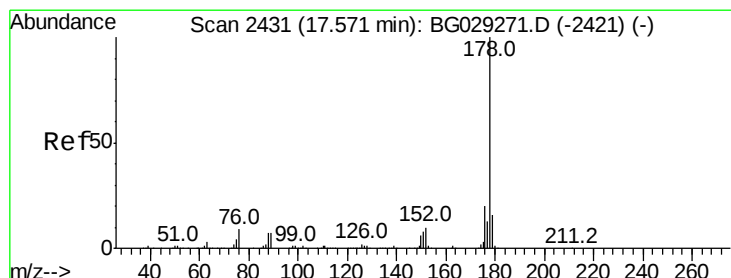
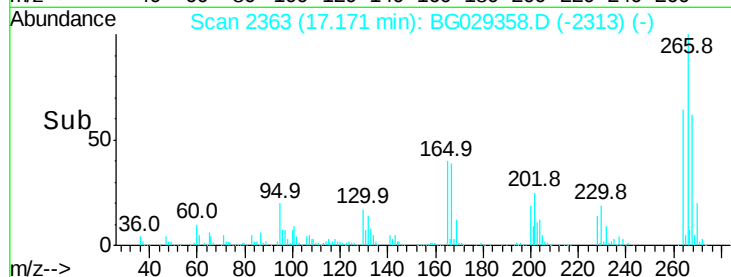
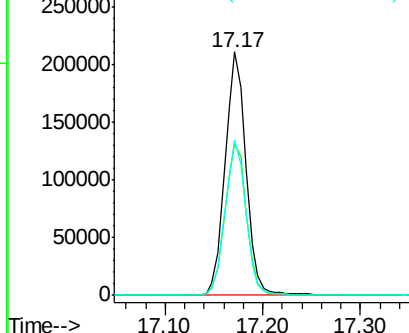
#69
 Pentachlorophenol
 Concen: 92.087 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 314129
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 63.9 49.6 74.4

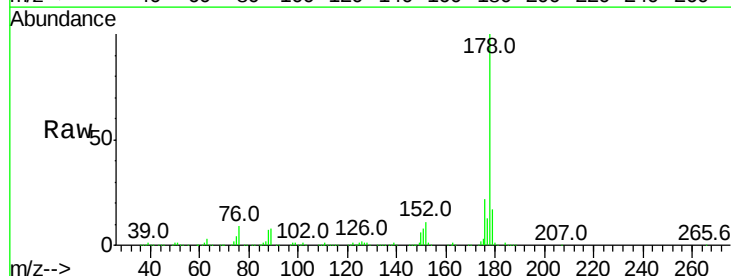


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

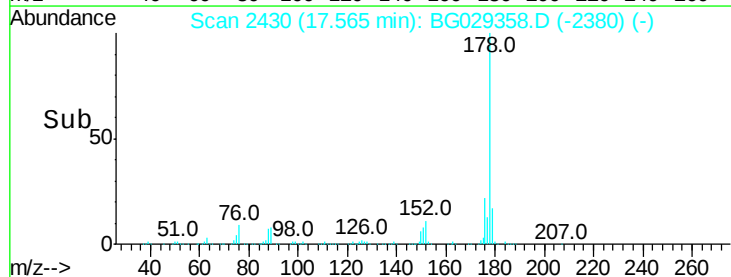
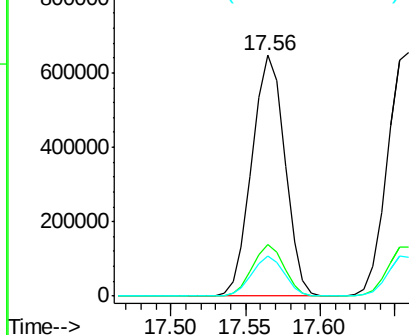


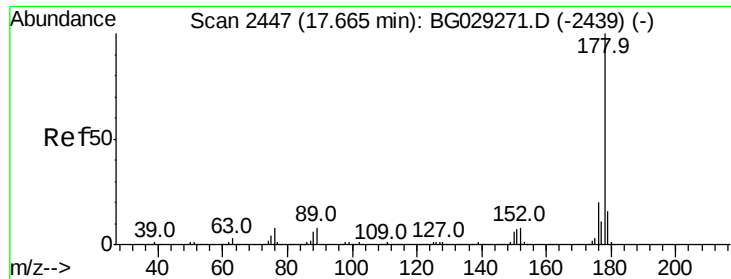
#70
 Phenanthrene
 Concen: 41.928 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion:178 Resp: 989570
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.7 23.5
 179 16.7 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



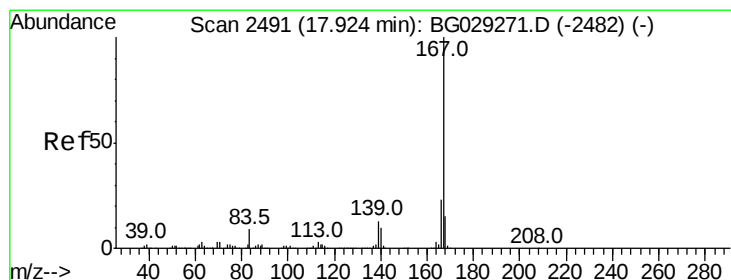
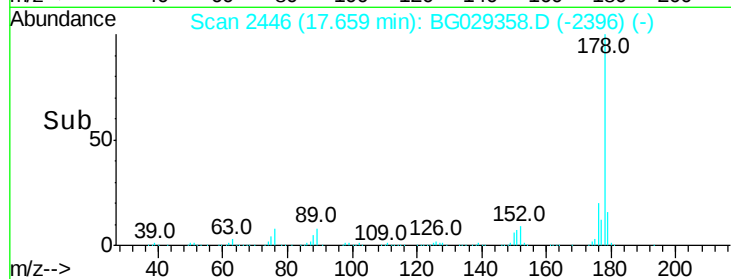
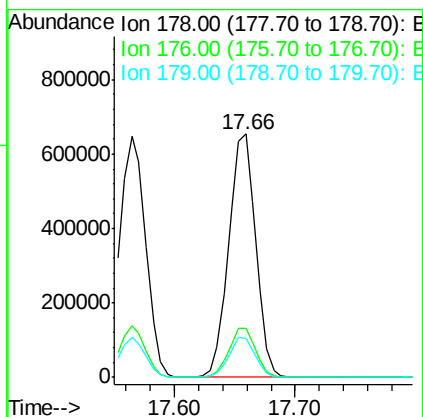
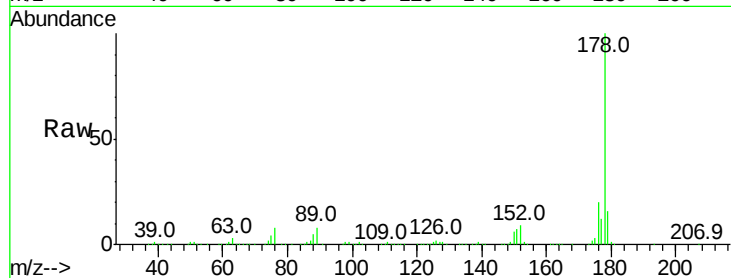


#71
 Anthracene
 Concen: 42.891 ng
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1016478

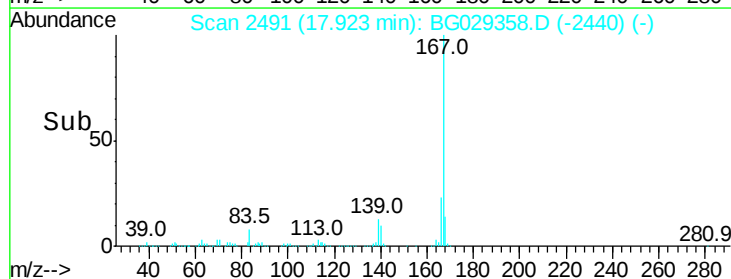
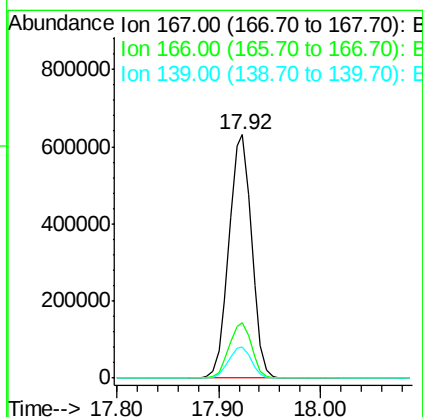
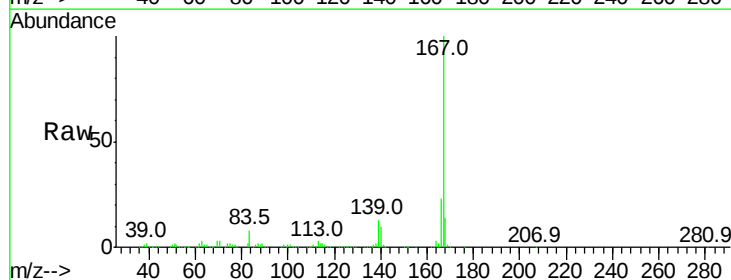
Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.9	12.5	18.7

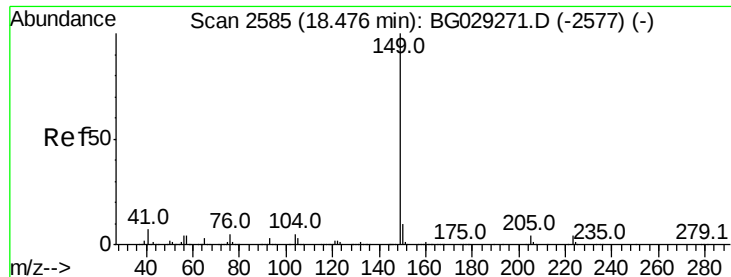


#72
 Carbazole
 Concen: 43.011 ng
 RT: 17.92 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion:167 Resp: 979168

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.6	9.4	14.2

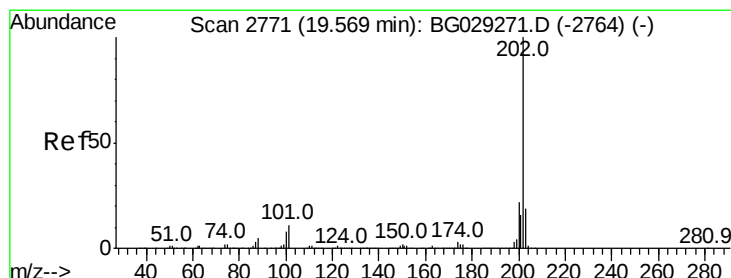
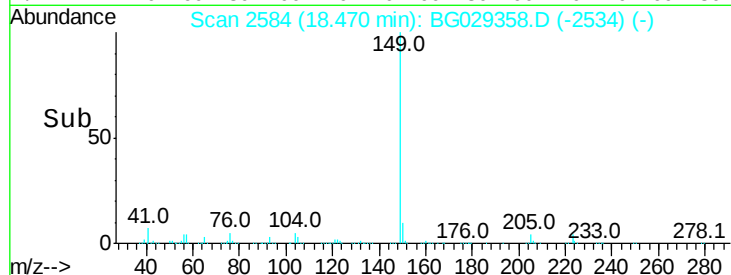
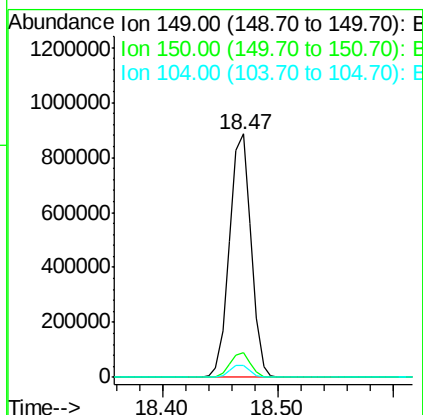
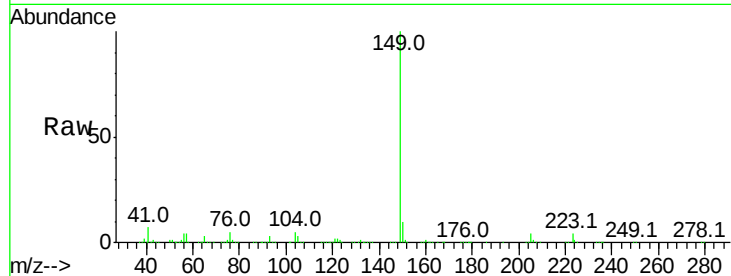




#73
Di-n-butylphthalate
Concen: 43.736 ng
RT: 18.47 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

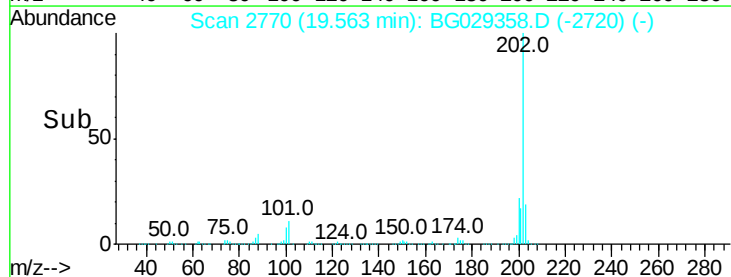
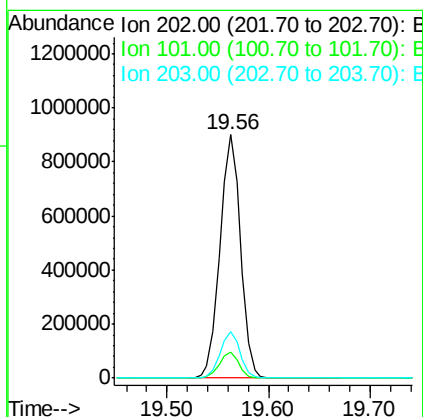
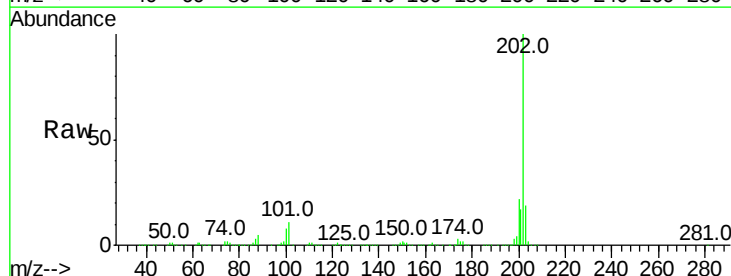
Instrument :
BNA_G
ClientSampleId :

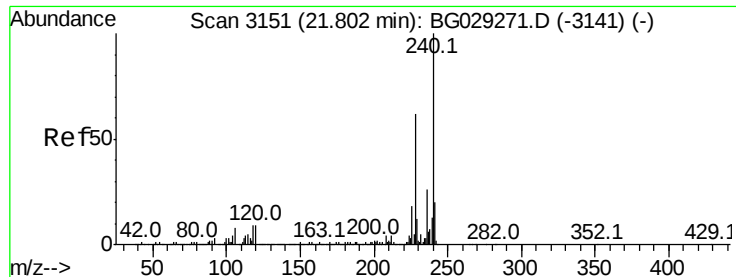
Tot Ion:149 Resp: 1145160
Ion Ratio Lower Upper
149 100
150 10.2 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 45.609 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:202 Resp: 1259033
Ion Ratio Lower Upper
202 100
101 10.6 0.0 28.9
203 19.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

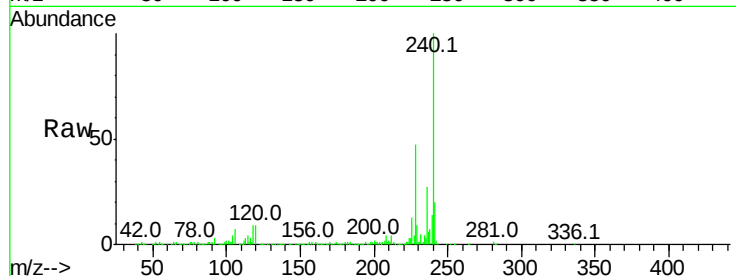
Tot Ion:240 Resp: 503334

Ion Ratio Lower Upper

240 100

120 9.4 6.8 10.2

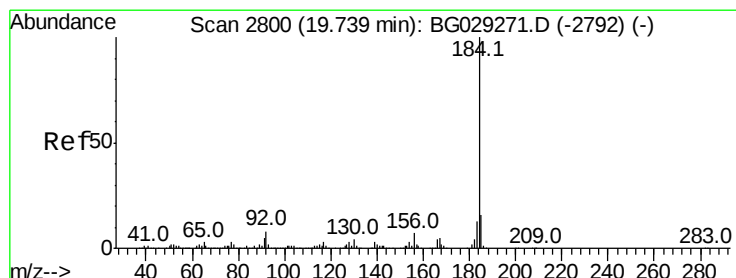
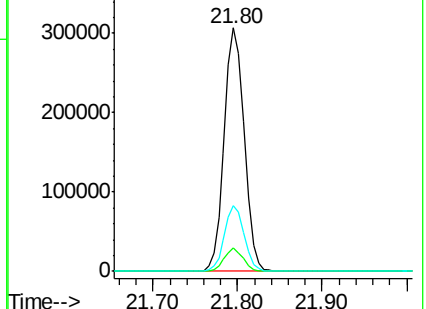
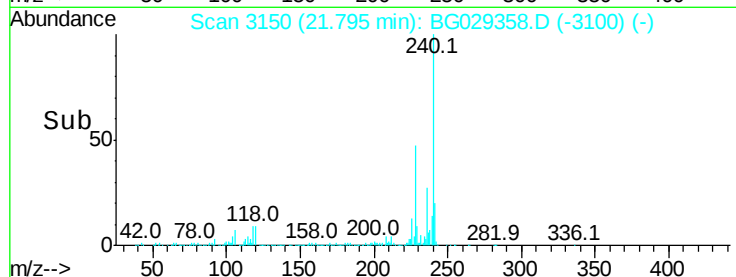
236 27.0 20.9 31.3



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: 32.144 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

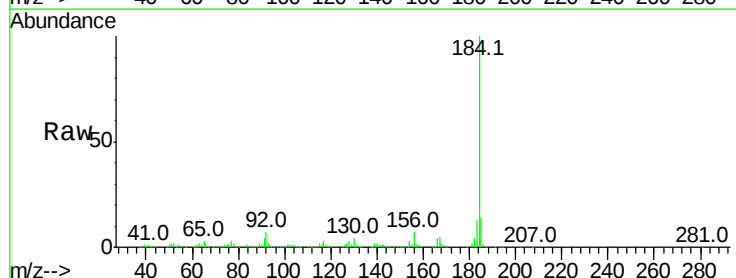
Tgt Ion:184 Resp: 488507

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

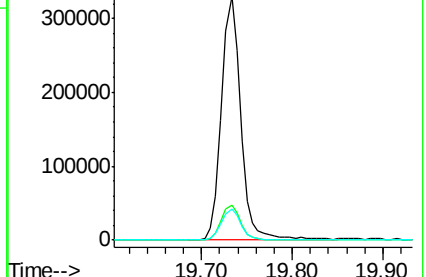
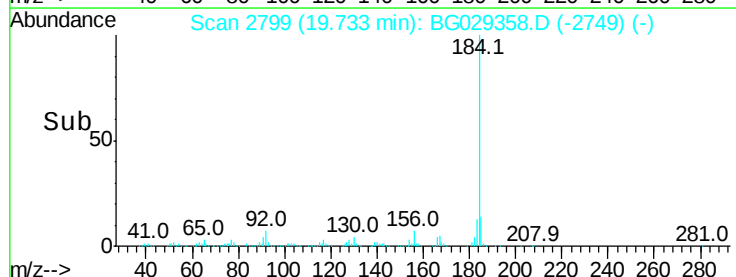
183 12.7 10.6 16.0

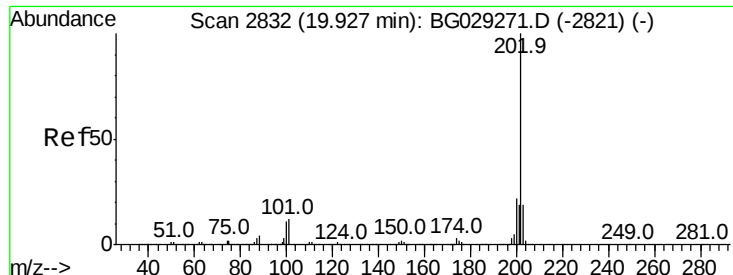


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

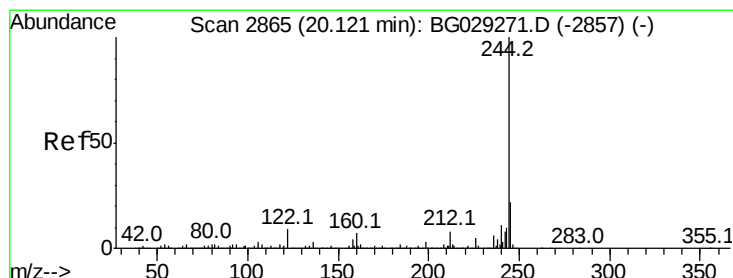
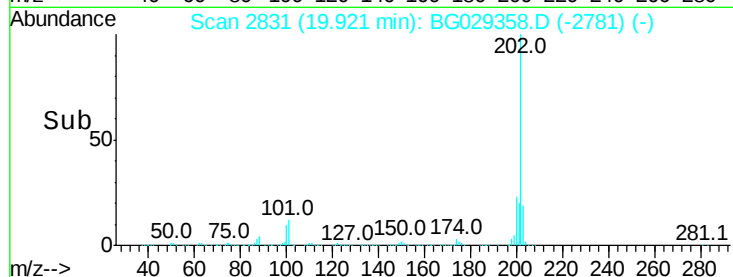
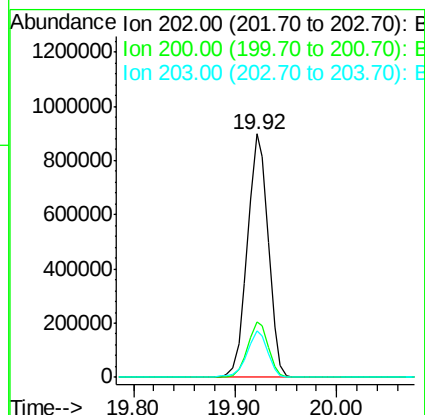
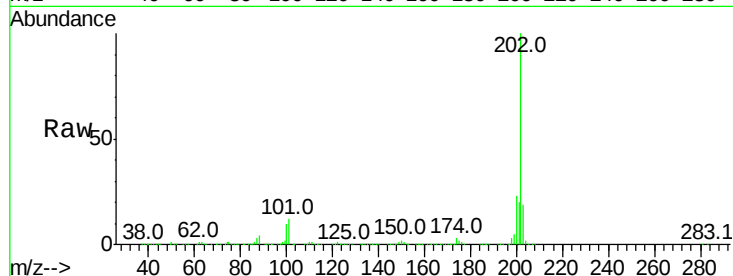




#77
Pvrene
Concen: 41.945 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

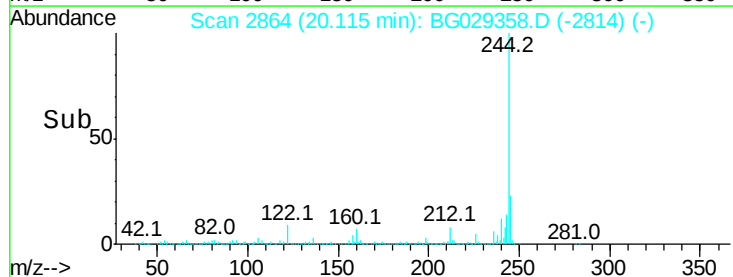
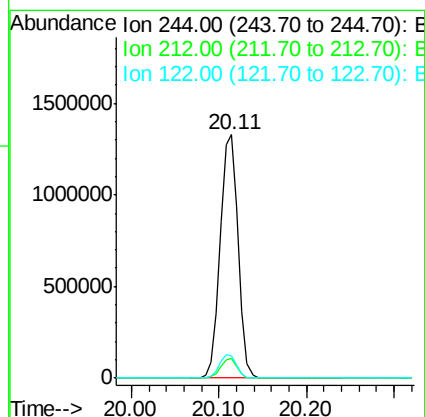
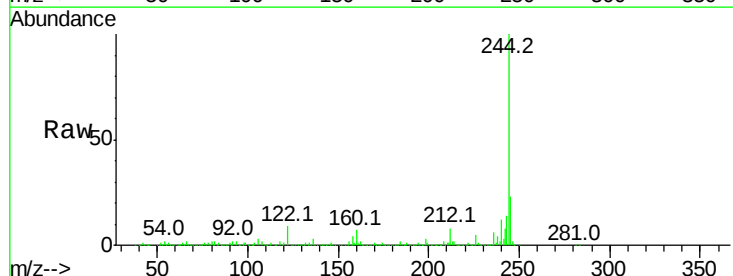
Instrument :
BNA_G
ClientSampleId :

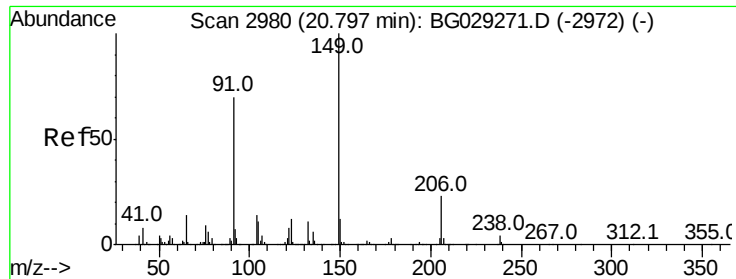
Tot Ion:202 Resp: 1280709
Ion Ratio Lower Upper
202 100
200 22.8 16.9 25.3
203 19.4 13.9 20.9



#78
Terphenyl-d14
Concen: 84.862 ng
RT: 20.11 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion:244 Resp: 1877598
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 9.2 7.0 10.4

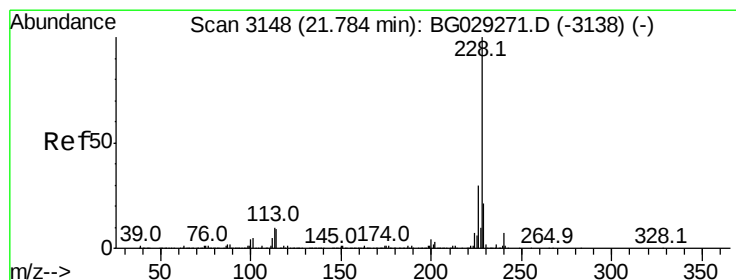
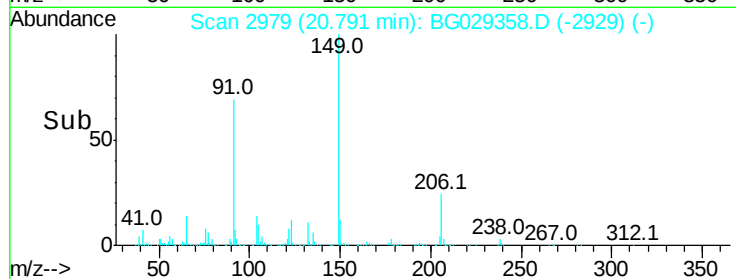
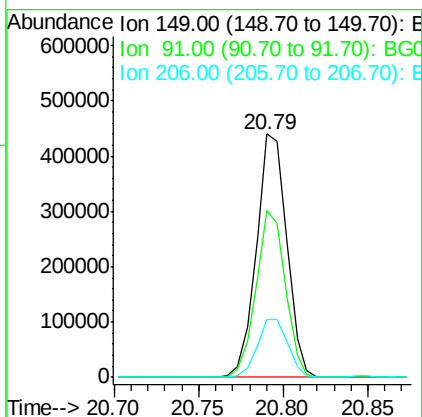
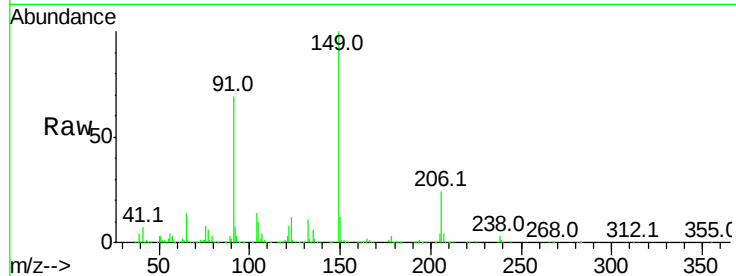




#79
Butylbenzylphthalate
Concen: 42.140 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

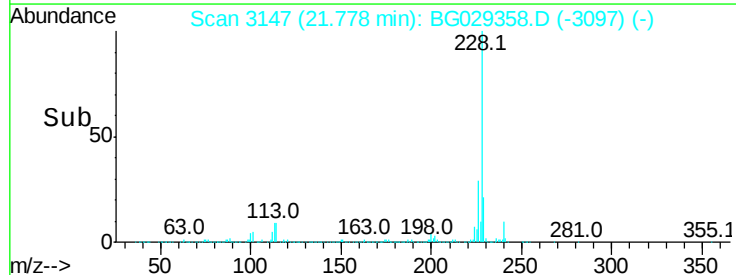
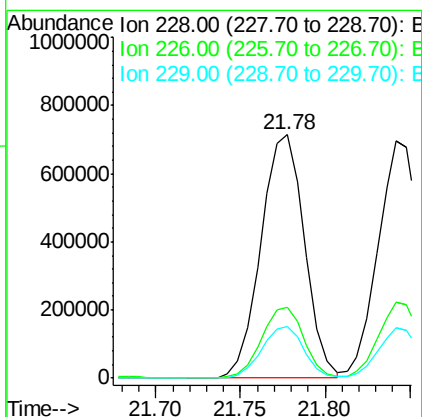
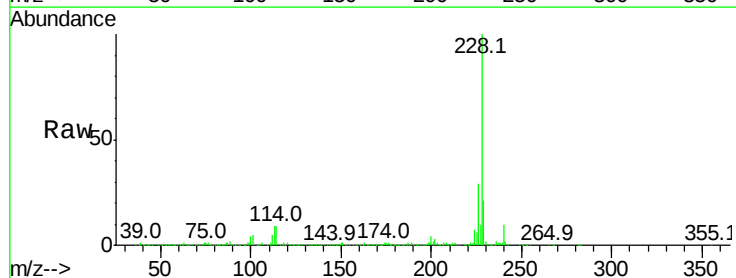
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.5	62.2	93.2
206	23.7	18.6	27.8



#80
Benzo(a)anthracene
Concen: 43.256 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG029358.D
Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.3	16.2	24.2

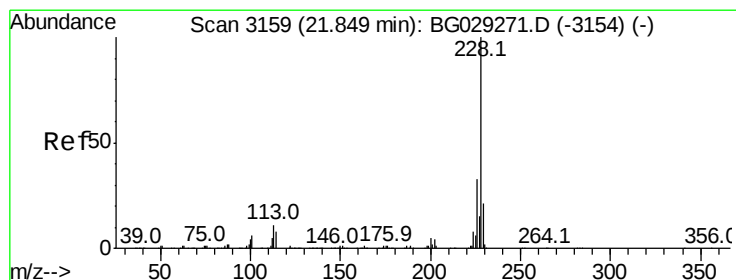
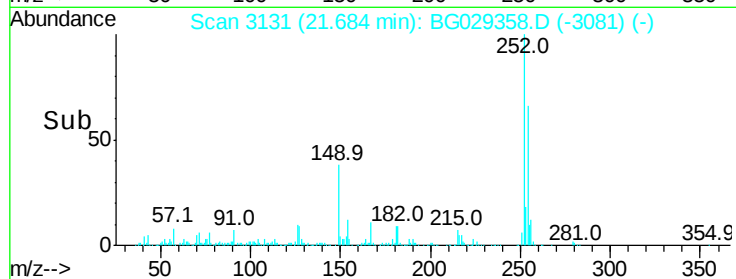
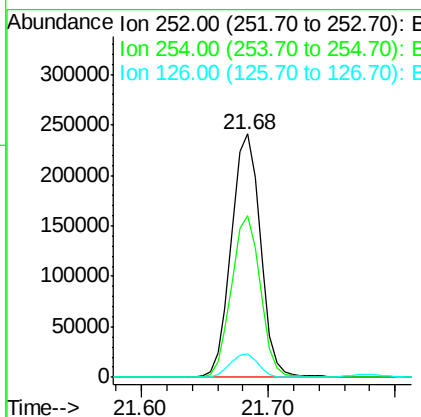
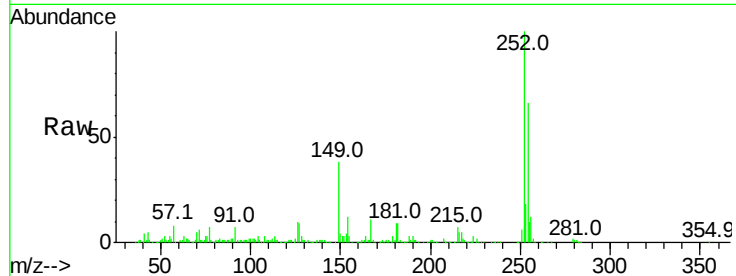




#81
 3,3'-Dichlorobenzidine
 Concen: 31.373 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

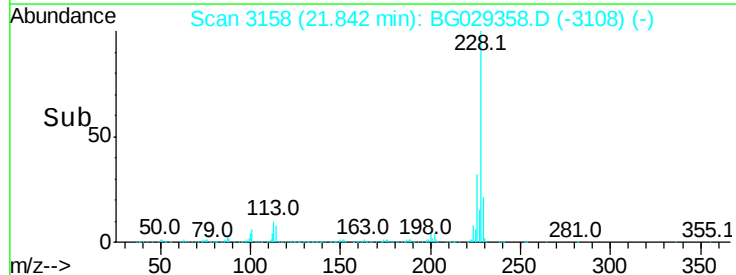
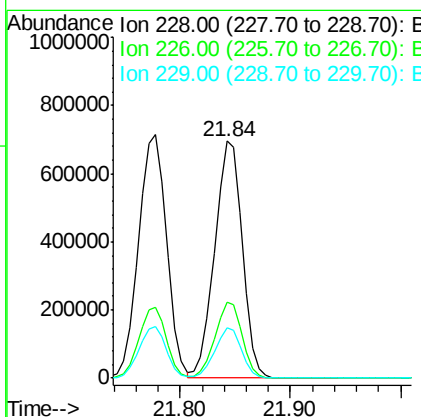
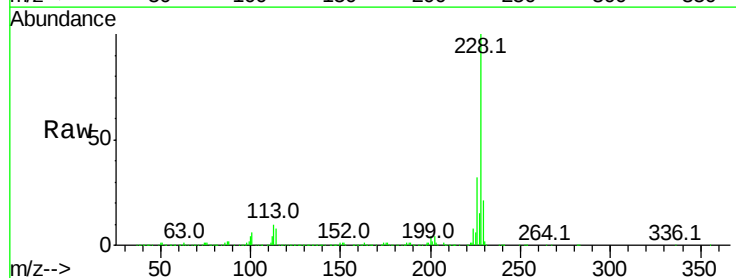
Instrument :
 BNA_G
 ClientSampleId :

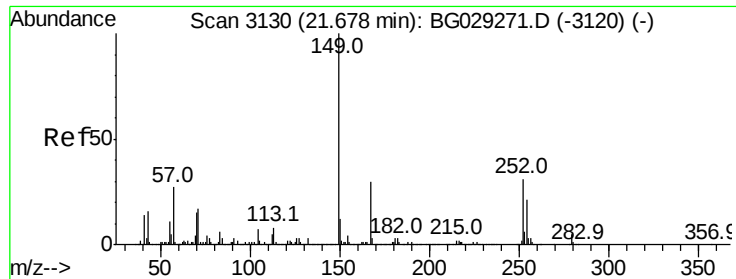
Tot Ion:252 Resp: 382679
 Ion Ratio Lower Upper
 252 100
 254 66.3 50.8 76.2
 126 9.7 7.4 11.2



#82
 Chrysene
 Concen: 42.536 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion:228 Resp: 1203831
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.3 15.0 22.4

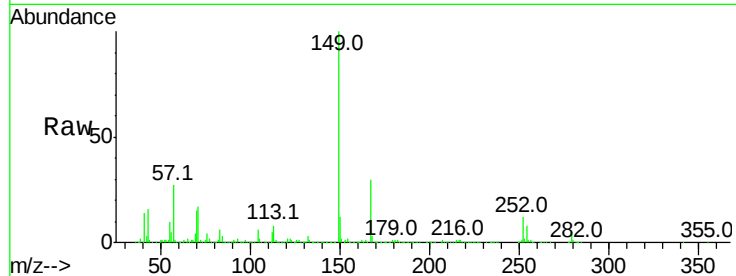




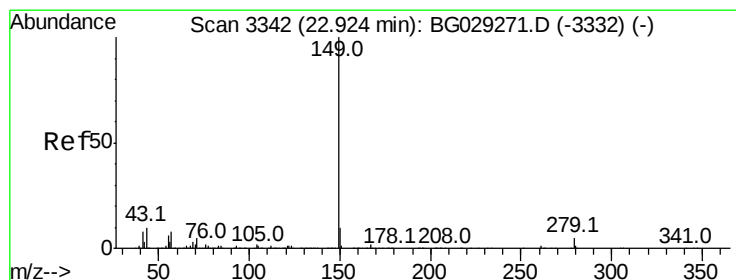
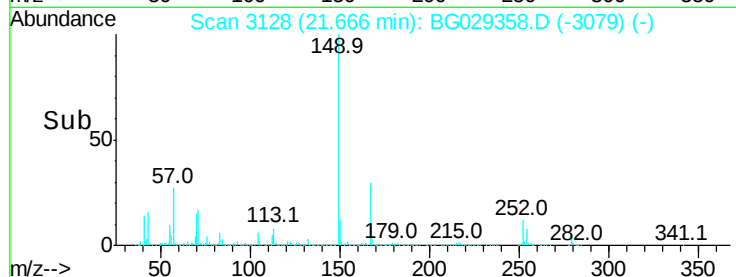
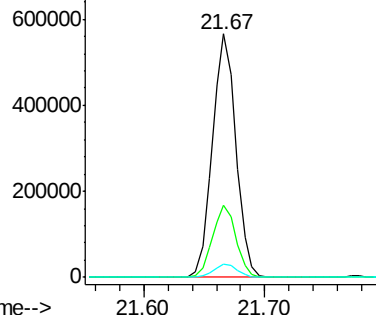
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.173 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.3	36.5
279	5.2	4.0	6.0

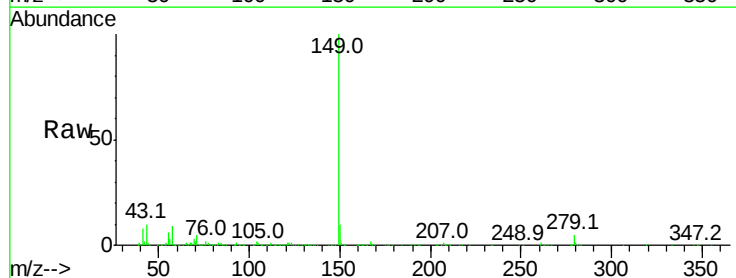


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

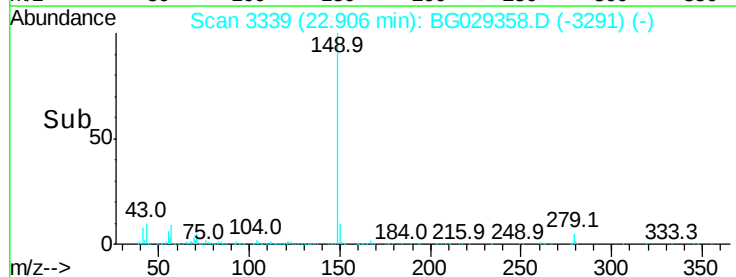
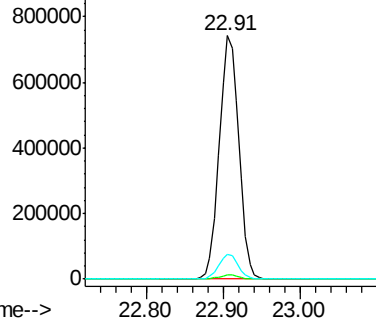


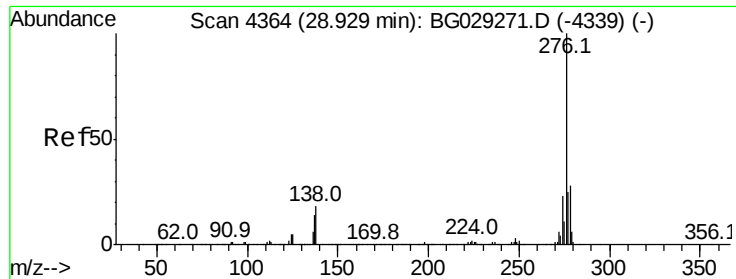
#84
 Di-n-octyl phthalate
 Concen: 40.643 ng
 RT: 22.91 min Scan# 3339
 Delta R.T. -0.02 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.0	8.9	13.3



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.926 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.04 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

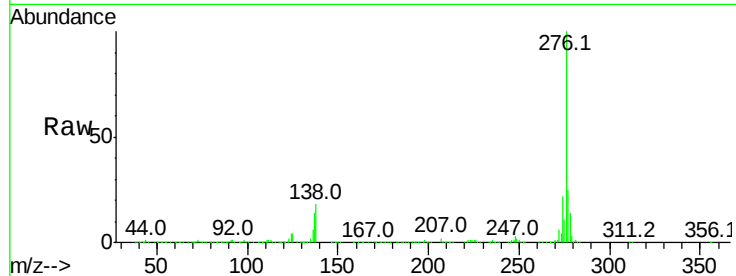
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1564215

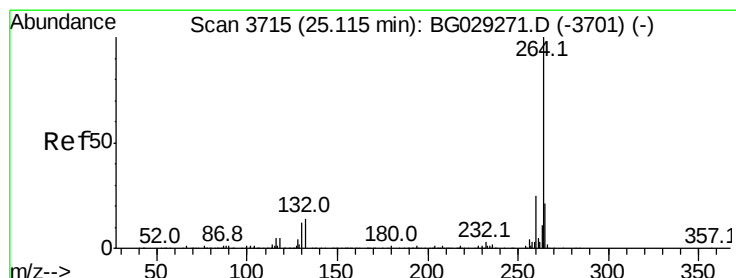
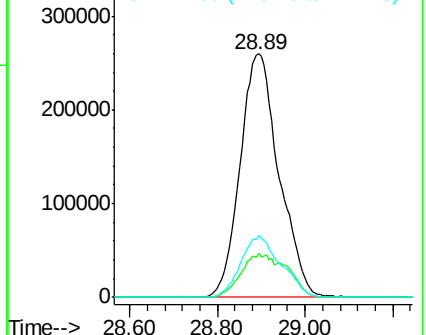
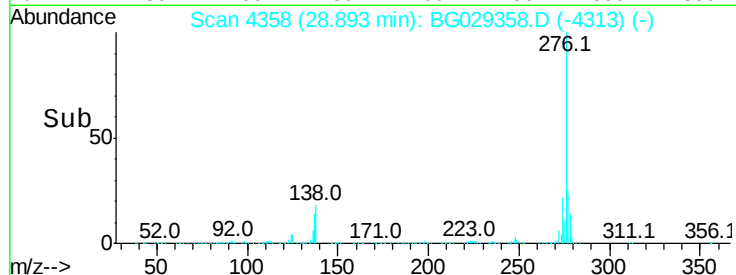
Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.0	24.0
277	26.1	20.0	30.0



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: 25.10 min Scan# 3712

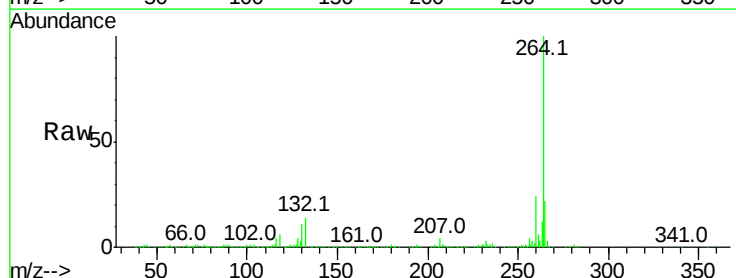
Delta R.T. -0.02 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Tgt Ion:264 Resp: 521180

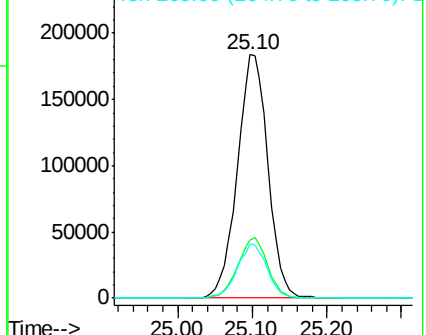
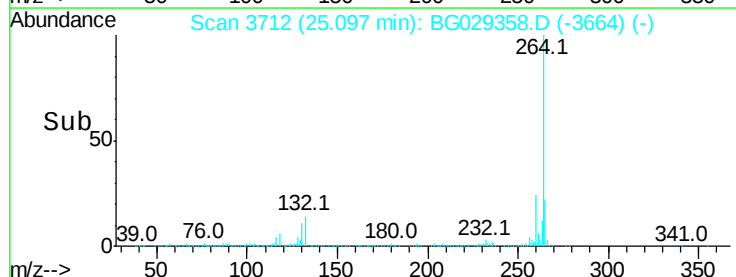
Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.3	17.7	26.5

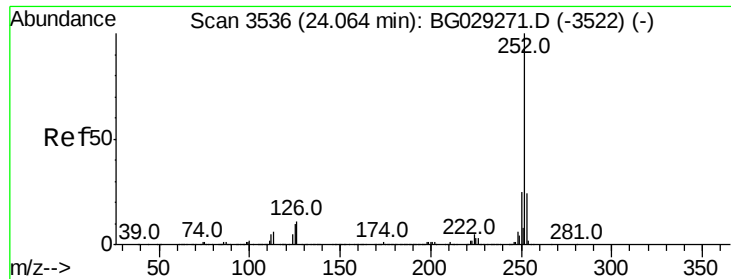


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.880 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

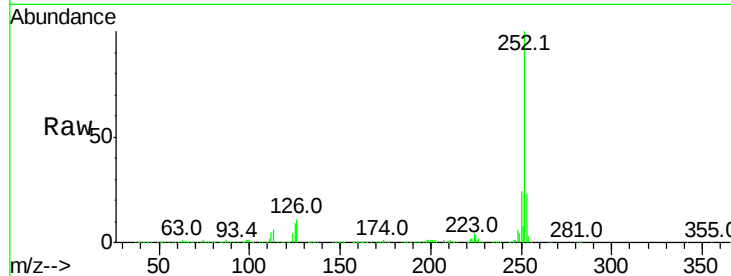
Tot Ion:252 Resp: 1339133

Ion Ratio Lower Upper

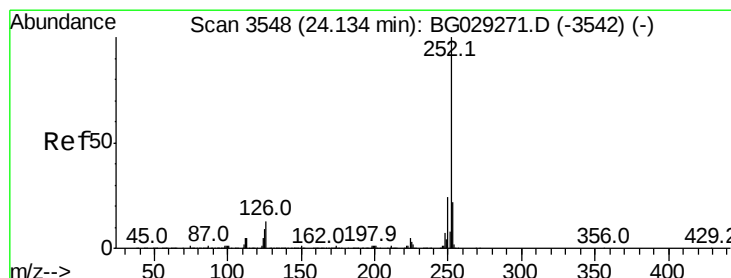
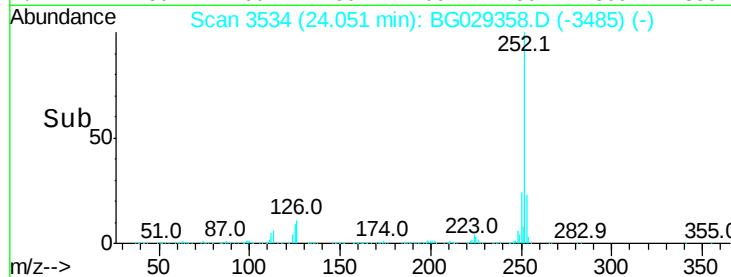
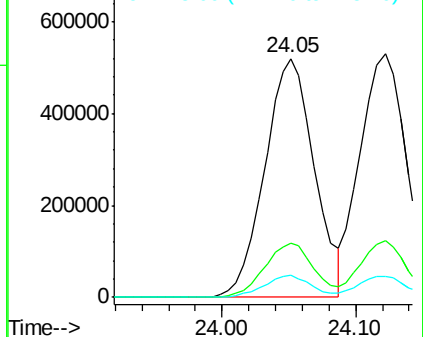
252 100

253 22.9 18.2 27.4

125 9.0 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.994 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

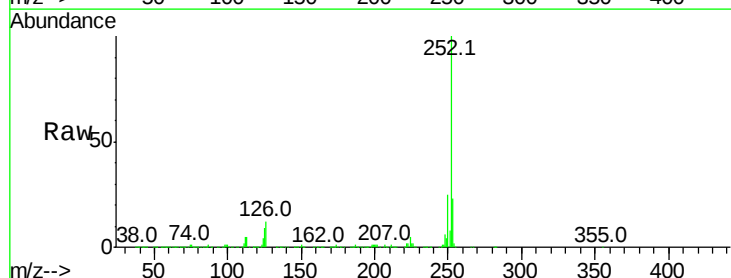
Tgt Ion:252 Resp: 1278051

Ion Ratio Lower Upper

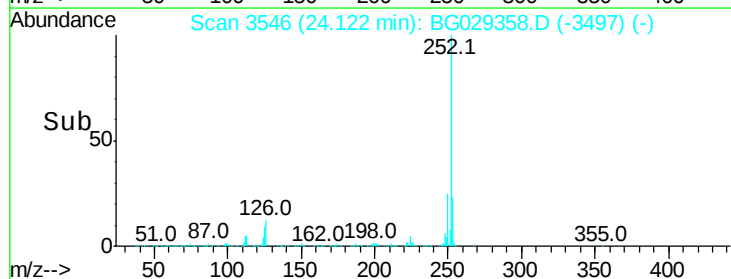
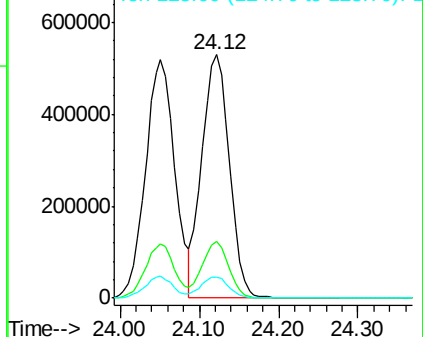
252 100

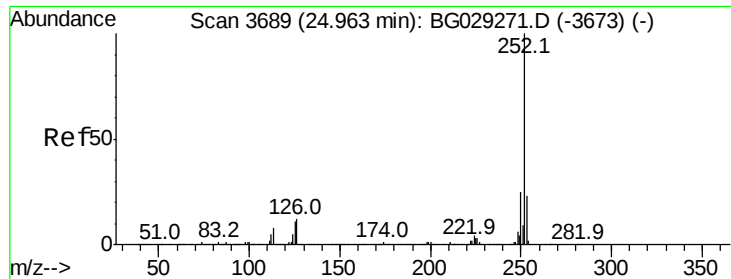
253 23.2 17.4 26.2

125 8.8 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.675 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

Instrument :

BNA_G

ClientSampleId :

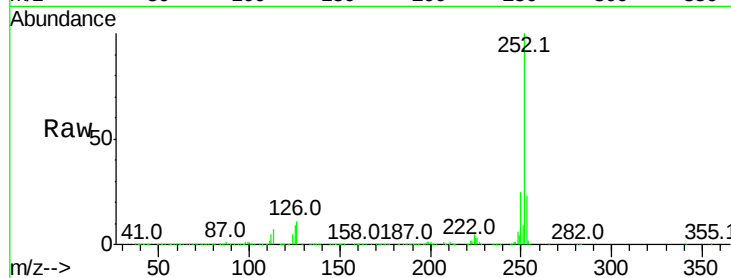
Tot Ion:252 Resp: 1281486

Ion Ratio Lower Upper

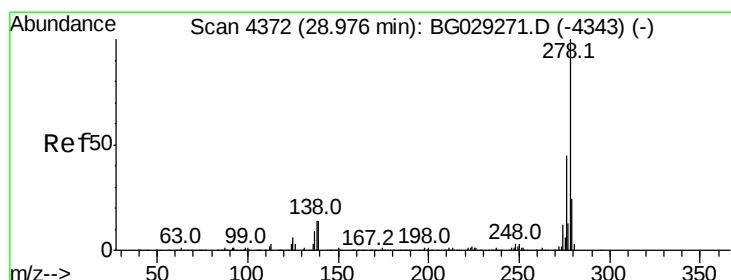
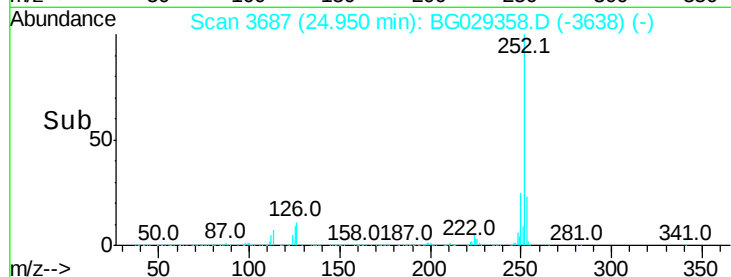
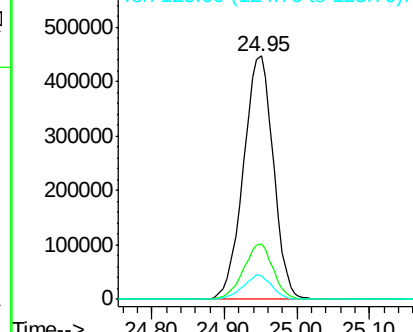
252 100

253 22.7 18.3 27.5

125 9.5 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: 44.778 ng

RT: 28.96 min Scan# 4370

Delta R.T. -0.01 min

Lab File: BG029358.D

Acq: 19 Oct 2017 9:05

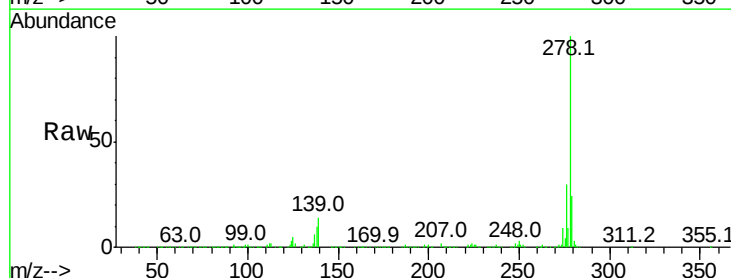
Tgt Ion:278 Resp: 1300357

Ion Ratio Lower Upper

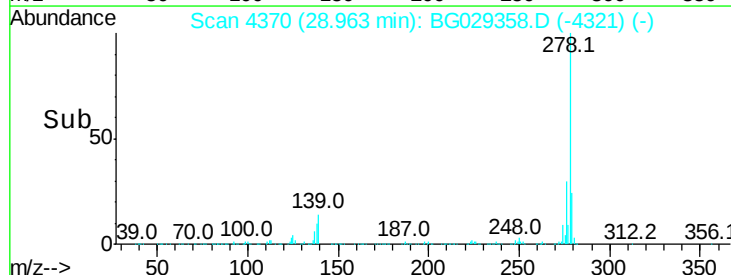
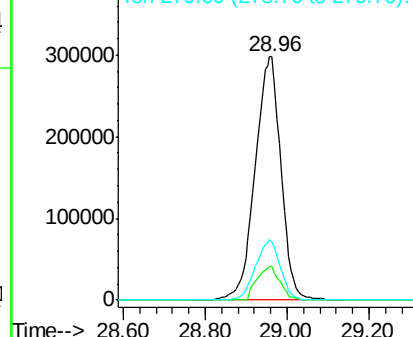
278 100

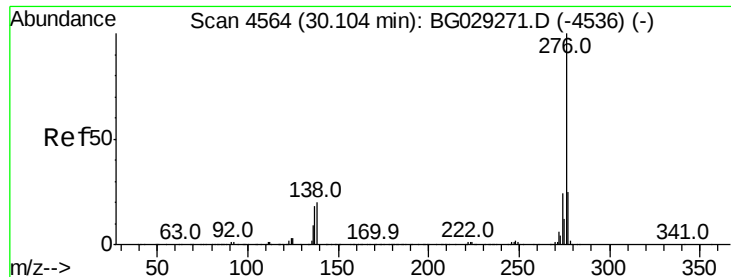
139 13.6 9.8 14.6

279 24.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



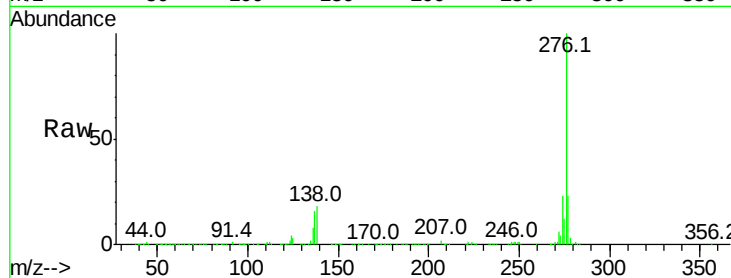


#91
 Benzo(a,h,i)perylene
 Concen: 47.767 ng
 RT: 30.08 min Scan# 4560
 Delta R.T. -0.02 min
 Lab File: BG029358.D
 Acq: 19 Oct 2017 9:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1288874

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	18.0	13.9	20.9



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

