

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029338.D
 Acq On : 18 Oct 2017 19:12
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 00:09:23 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	8.17	152	59577	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	273533	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	169661	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	389771	20.00	ng	0.00
75) Chrysene-d12	21.80	240	433198	20.00	ng	0.00
86) Perylene-d12	25.10	264	459934	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	318404	89.28	ng	0.00
7) Phenol-d6	7.32	99	438312	87.56	ng	0.00
23) Nitrobenzene-d5	9.33	82	380063	88.30	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	212564	97.04	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	988010	85.41	ng	0.00
78) Terphenyl-d14	20.12	244	1598737	83.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	65745	45.436	ng	87
3) Pyridine	3.99	79	197036	46.760	ng	93
4) n-Nitrosodimethylamine	3.90	42	89014	45.192	ng	# 94
6) Aniline	7.49	93	266929	43.062	ng	94
8) 2-Chlorophenol	7.74	128	175444	42.919	ng	92
9) Benzaldehyde	7.30	77	105303	41.823	ng	93
10) Phenol	7.35	94	233477	43.262	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	174471	44.372	ng	92
12) 1,3-Dichlorobenzene	8.06	146	194631	42.409	ng	98
13) 1,4-Dichlorobenzene	8.21	146	198166	42.292	ng	94
14) 1,2-Dichlorobenzene	8.53	146	188320	41.668	ng	96
15) Benzyl Alcohol	8.41	79	158730	44.995	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	285547	42.762	ng	95
17) 2-Methylphenol	8.61	107	153347	42.774	ng	95
18) Hexachloroethane	9.26	117	68364	42.813	ng	99
19) n-Nitroso-di-n-propylamine	8.97	70	151451	44.496	ng	# 95
20) 3+4-Methylphenols	8.94	107	222527	44.052	ng	96
22) Acetophenone	8.99	105	286386	43.444	ng	# 95
24) Nitrobenzene	9.38	77	211660	43.734	ng	93
25) Isophorone	9.90	82	412265	45.879	ng	95
26) 2-Nitrophenol	10.09	139	109503	47.340	ng	90
27) 2,4-Dimethylphenol	10.15	122	184341	44.047	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	247731	44.960	ng	96
29) 2,4-Dichlorophenol	10.63	162	192167	43.059	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	205667	42.657	ng	96
31) Naphthalene	11.04	128	572978	42.031	ng	97
32) Benzoic acid	10.30	122	118887	33.927	ng	# 82
33) 4-Chloroaniline	11.14	127	252228	43.985	ng	96
34) Hexachlorobutadiene	11.32	225	129922	43.340	ng	96
35) Caprolactam	11.94	113	74819	50.444	ng	# 83
36) 4-Chloro-3-methylphenol	12.25	107	220612	44.946	ng	# 86
37) 2-Methylnaphthalene	12.63	142	417891	42.060	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	265003	42.781	ng	98
40) Hexachlorocyclopentadiene	12.97	237	130308	56.957	ng	92

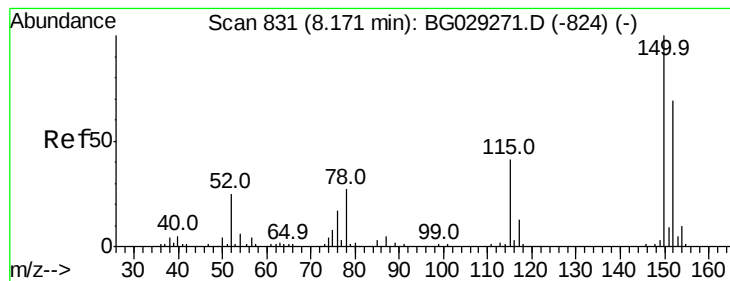
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029338.D
 Acq On : 18 Oct 2017 19:12
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	182485	46.929	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	187538	46.961	ng	96
45) 1,1'-Biphenyl	13.62	154	620936	42.579	ng	97
46) 2-Chloronaphthalene	13.67	162	443710	41.714	ng	97
47) 2-Nitroaniline	13.86	65	137428	47.037	ng	91
48) Acenaphthylene	14.51	152	705881	42.402	ng	99
49) Dimethylphthalate	14.23	163	592666	44.772	ng	100
50) 2,6-Dinitrotoluene	14.36	165	132860	47.878	ng	# 77
51) Acenaphthene	14.85	154	472462	43.620	ng	99
52) 3-Nitroaniline	14.69	138	141379	47.215	ng	# 84
53) 2,4-Dinitrophenol	14.89	184	76899	52.784	ng	# 54
54) Dibenzofuran	15.18	168	662421	42.840	ng	99
55) 4-Nitrophenol	14.99	139	121501	49.218	ng	# 83
56) 2,4-Dinitrotoluene	15.14	165	184584	49.137	ng	# 80
57) Fluorene	15.83	166	552143	43.225	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	161471	48.464	ng	96
59) Diethylphthalate	15.59	149	597891	45.321	ng	99
60) 4-Chlorophenyl-phenylether	15.81	204	301055	44.205	ng	97
61) 4-Nitroaniline	15.84	138	148802	48.395	ng	84
62) Azobenzene	16.11	77	488316	43.895	ng	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	115268	51.587	ng	88
65) n-Nitrosodiphenylamine	16.03	169	513422	43.973	ng	99
66) 4-Bromophenyl-phenylether	16.71	248	199583	44.624	ng	98
67) Hexachlorobenzene	16.84	284	222394	43.898	ng	93
68) Atrazine	16.97	200	194173	46.608	ng	99
69) Pentachlorophenol	17.17	266	147358	50.634	ng	99
70) Phenanthrene	17.57	178	843262	41.879	ng	98
71) Anthracene	17.66	178	867335	42.897	ng	99
72) Carbazole	17.92	167	851565	43.844	ng	99
73) Di-n-butylphthalate	18.47	149	994061	44.500	ng	99
74) Fluoranthene	19.56	202	1033667	43.890	ng	98
76) Benzidine	19.73	184	424022	32.418	ng	98
77) Pyrene	19.92	202	1071816	40.787	ng	97
79) Butylbenzylphthalate	20.79	149	481527	43.010	ng	91
80) Benzo(a)anthracene	21.78	228	1084702	42.648	ng	98
81) 3,3'-Dichlorobenzidine	21.68	252	447023	42.582	ng	98
82) Chrysene	21.84	228	1043897	42.857	ng	96
83) Bis(2-ethylhexyl)phthalate	21.67	149	685438	42.660	ng	99
84) Di-n-octyl phthalate	22.91	149	1184341	42.293	ng	99
85) Indeno(1,2,3-cd)pyrene	28.89	276	1364244	45.526	ng	# 94
87) Benzo(b)fluoranthene	24.05	252	1120987	42.572	ng	99
88) Benzo(k)fluoranthene	24.12	252	1100911	41.967	ng	97
89) Benzo(a)pyrene	24.95	252	1080842	42.698	ng	98
90) Dibenzo(a,h)anthracene	28.96	278	1133855	44.243	ng	98
91) Benzo(g,h,i)perylene	30.08	276	1112062	46.702	ng	97

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

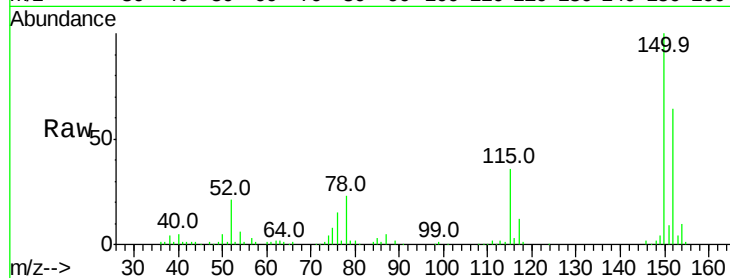


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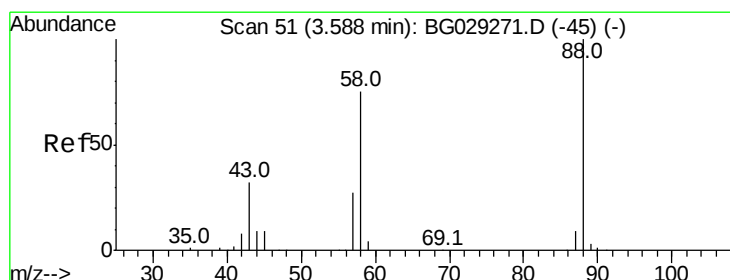
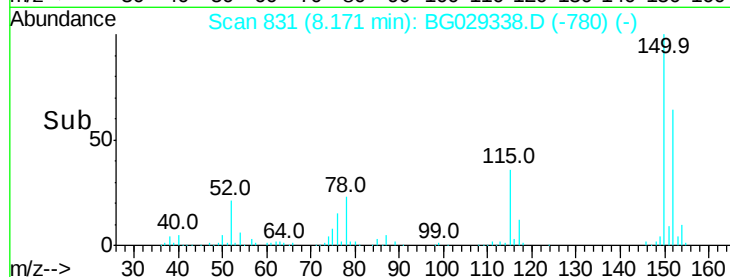
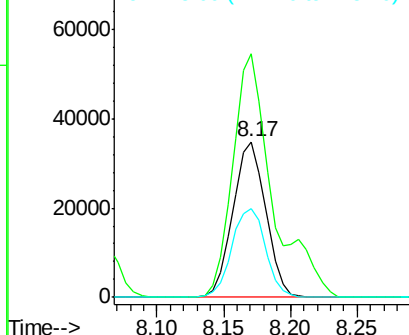
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59577
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 56.9 53.0 79.4



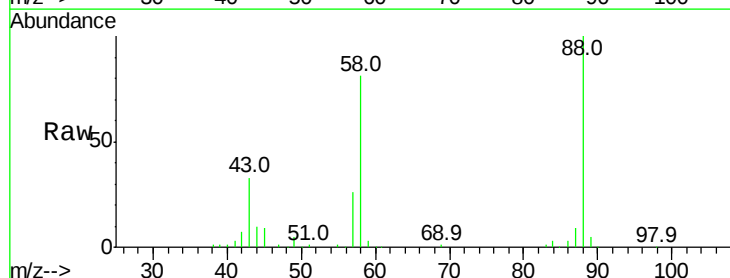
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



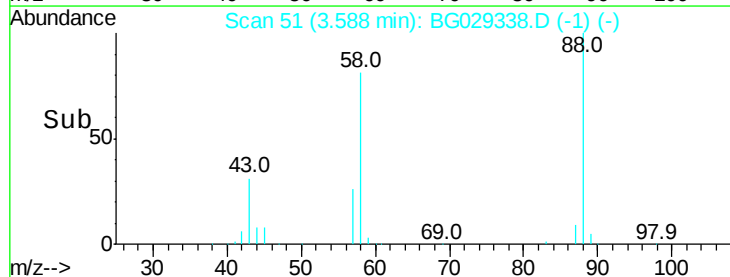
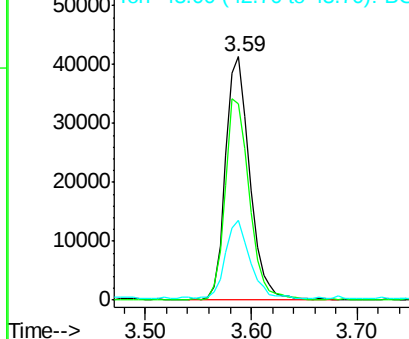
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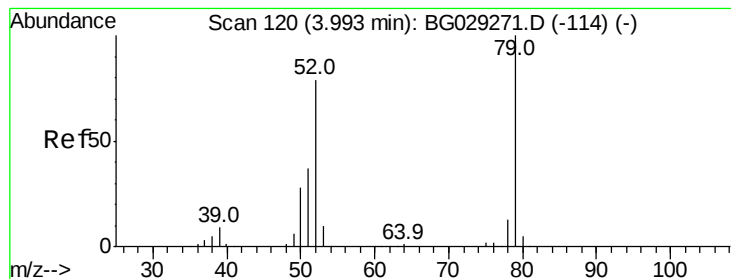
1,4-Dioxane
Concen: 45.436 ng
RT: 3.59 min Scan# 51
Delta R.T. 0.00 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion: 88 Resp: 65745
Ion Ratio Lower Upper
88 100
58 82.6 79.6 119.4
43 32.7 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: 46.760 ng

RT: 3.99 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampled :

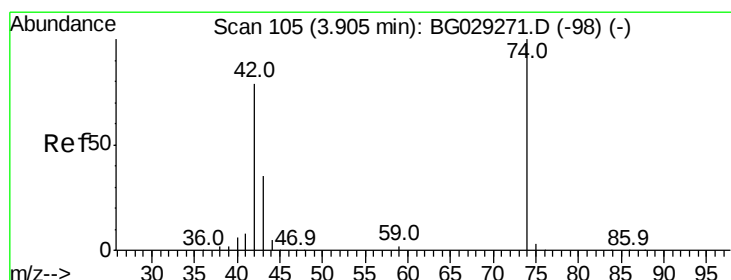
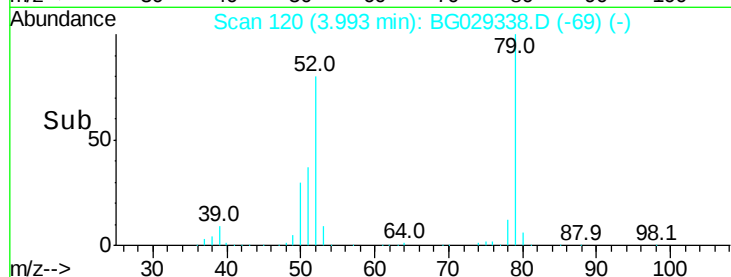
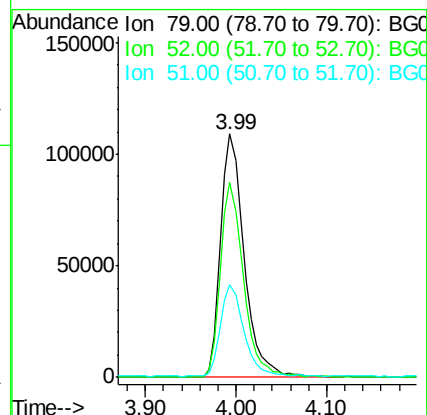
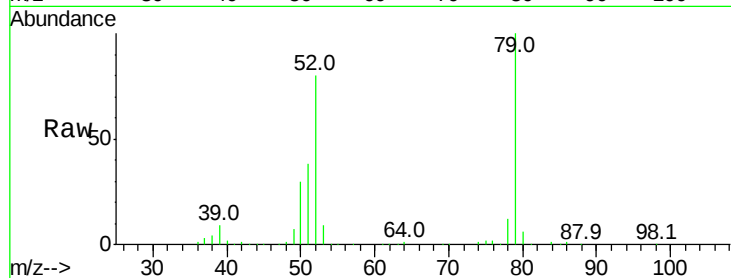
Tot Ion: 79 Resp: 197036

Ion Ratio Lower Upper

79 100

52 80.2 69.9 104.9

51 38.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 45.192 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

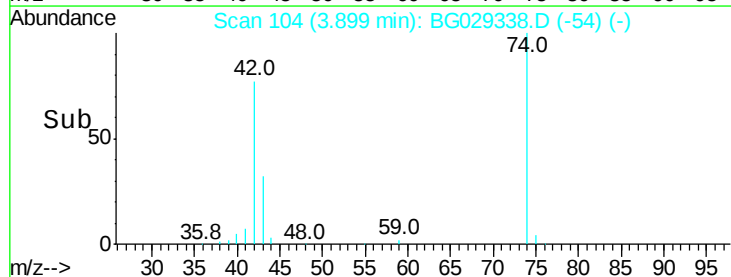
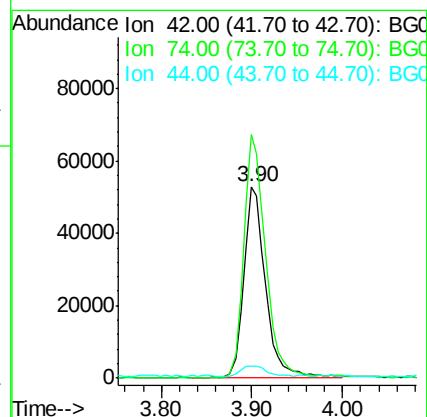
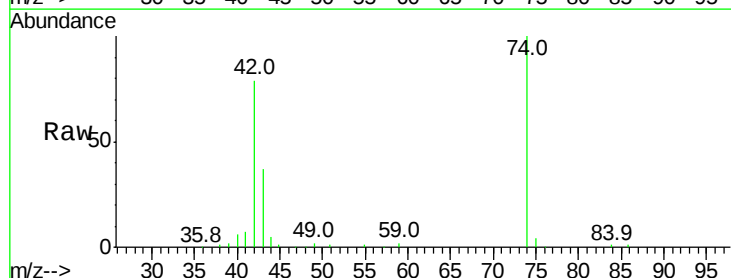
Tgt Ion: 42 Resp: 89014

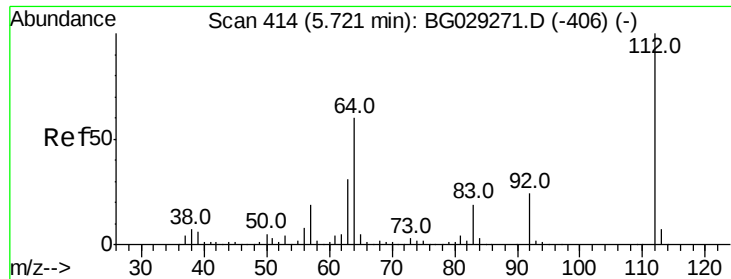
Ion Ratio Lower Upper

42 100

74 127.0 102.5 153.7

44 6.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 89.281 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG029338.D

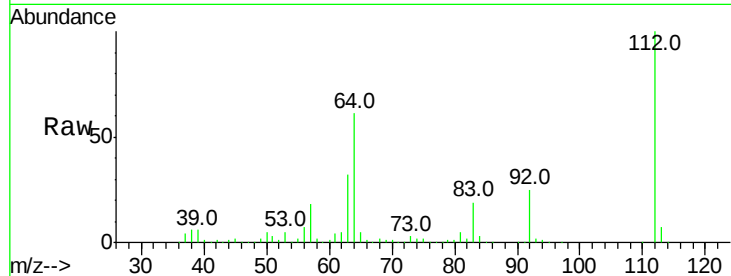
Acq: 18 Oct 2017 19:12

Instrument :

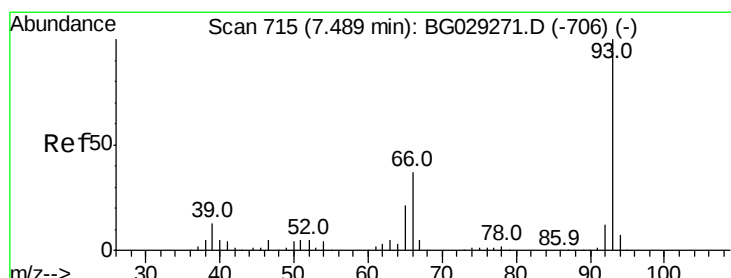
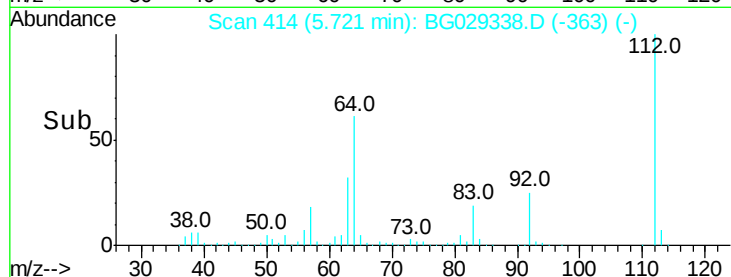
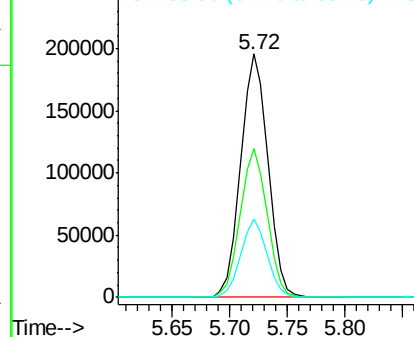
BNA_G

ClientSampled :

Tot Ion:	112	Resp:	318404
Ion	Ratio	Lower	Upper
112	100		
64	61.1	56.3	84.5
63	32.2	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: 43.062 ng

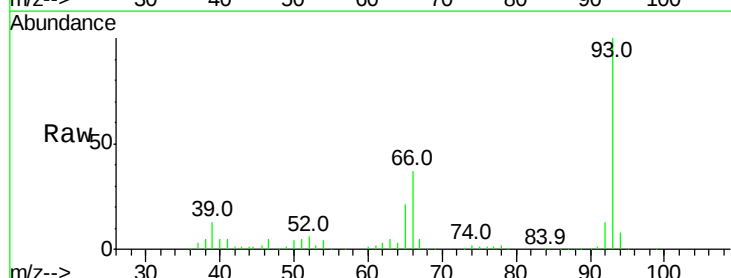
RT: 7.49 min Scan# 715

Delta R.T. 0.00 min

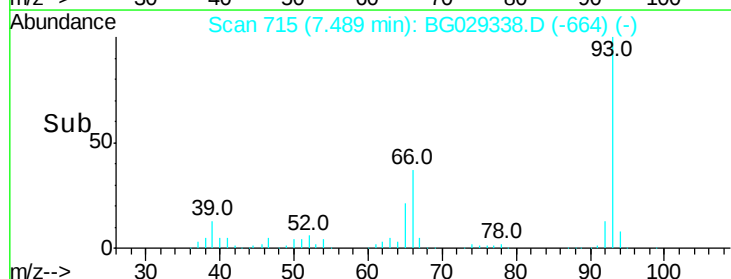
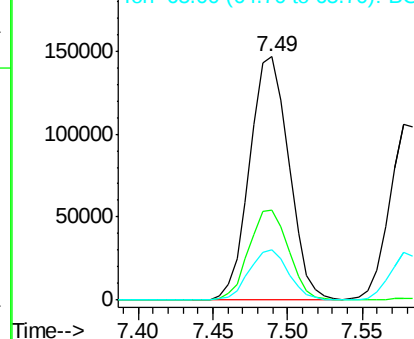
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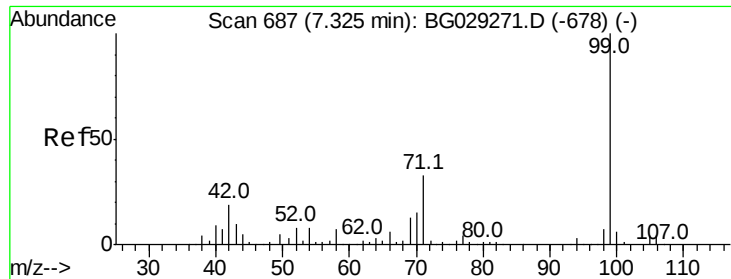
Acq: 18 Oct 2017 19:12

Tgt Ion:	93	Resp:	266929
Ion	Ratio	Lower	Upper
93	100		
66	37.2	33.7	50.5
65	20.6	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: 87.560 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

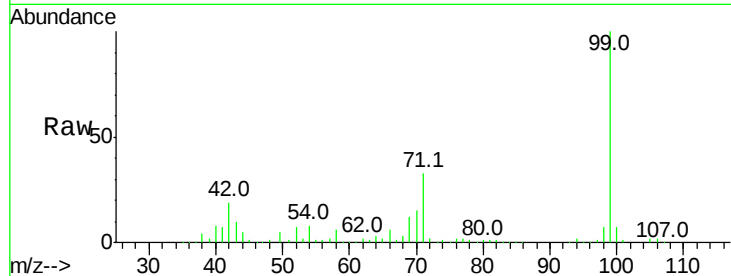
Tot Ion: 99 Resp: 438312

Ion Ratio Lower Upper

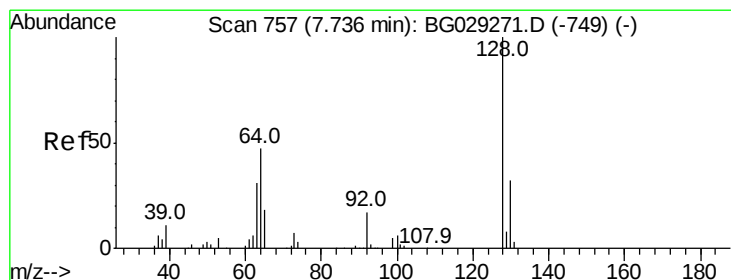
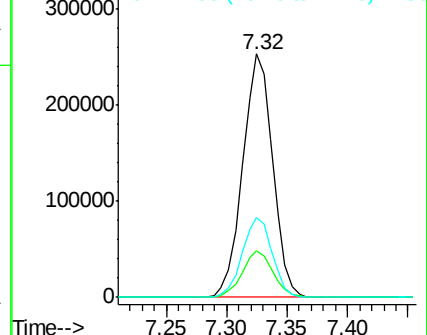
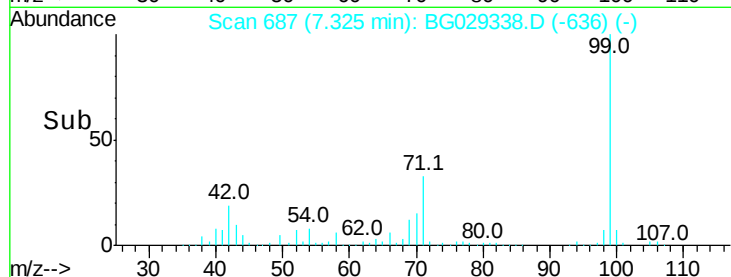
99 100

42 18.9 14.1 21.1

71 32.8 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: 42.919 ng

RT: 7.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

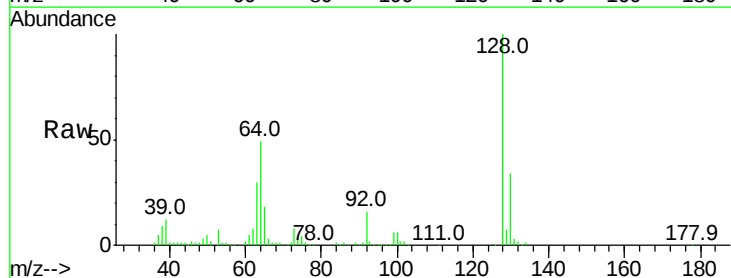
Tgt Ion: 128 Resp: 175444

Ion Ratio Lower Upper

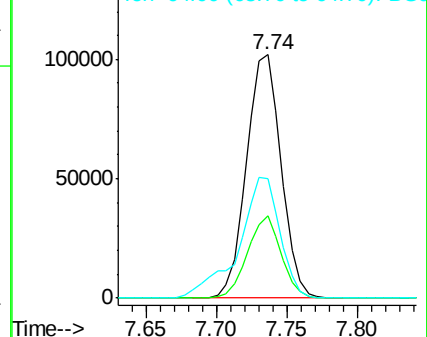
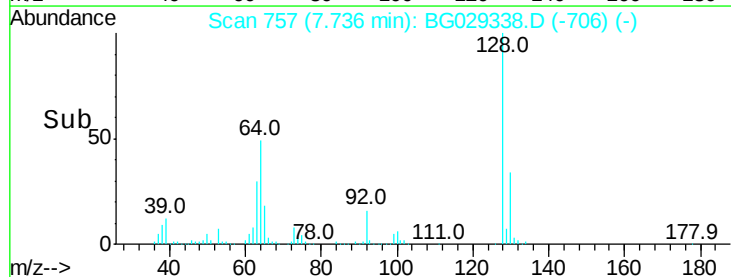
128 100

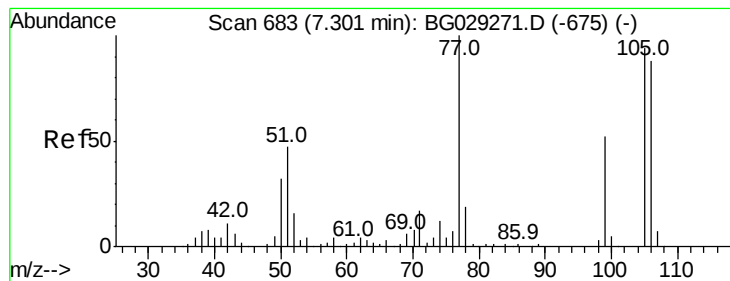
130 33.8 14.0 54.0

64 49.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 41.823 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

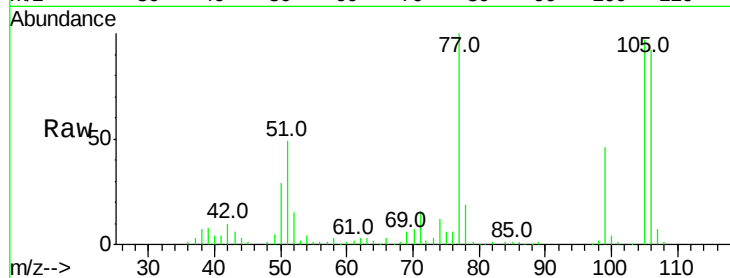
Tot Ion: 77 Resp: 105303

Ion Ratio Lower Upper

77 100

105 97.3 71.3 111.3

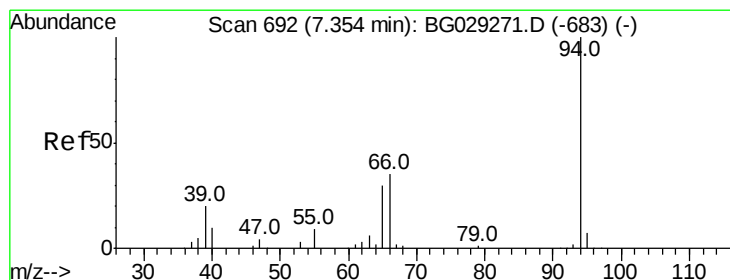
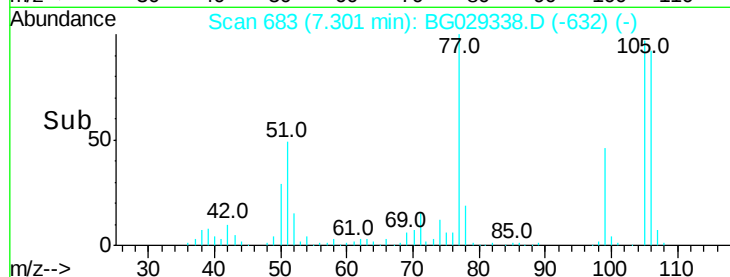
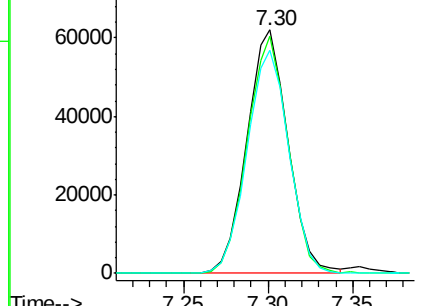
106 91.8 64.2 104.2



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: 43.262 ng

RT: 7.35 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

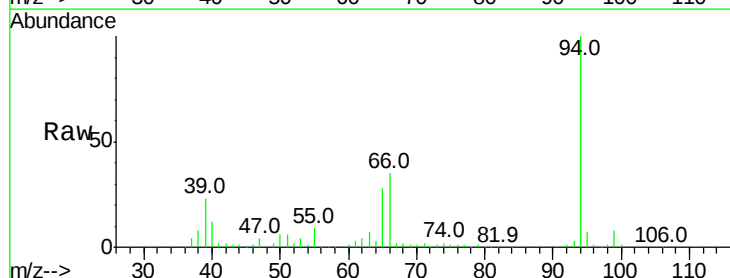
Tgt Ion: 94 Resp: 233477

Ion Ratio Lower Upper

94 100

65 27.7 11.9 51.9

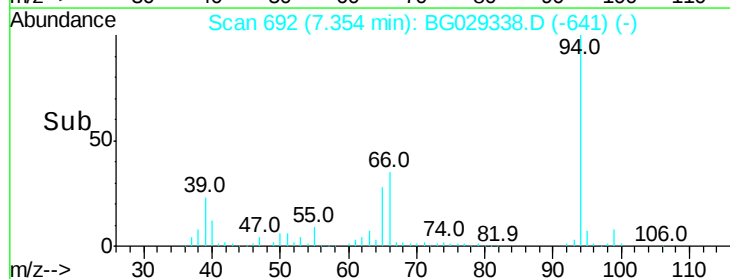
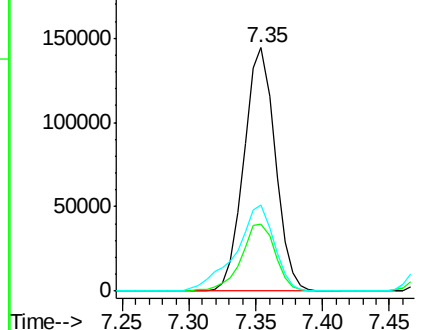
66 35.4 22.2 62.2

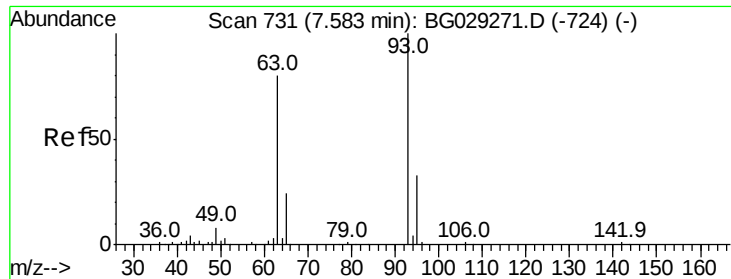


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

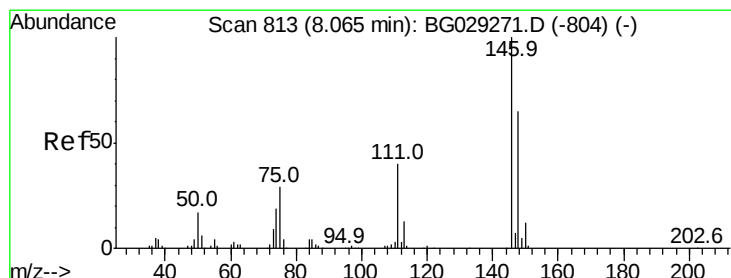
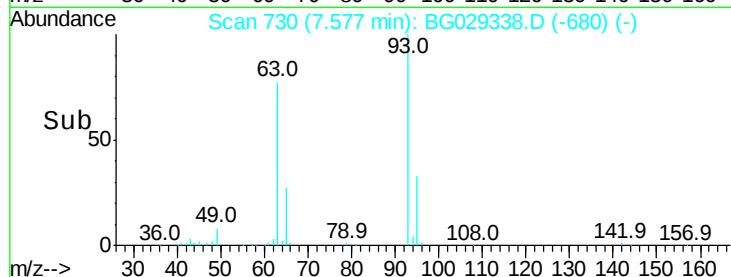
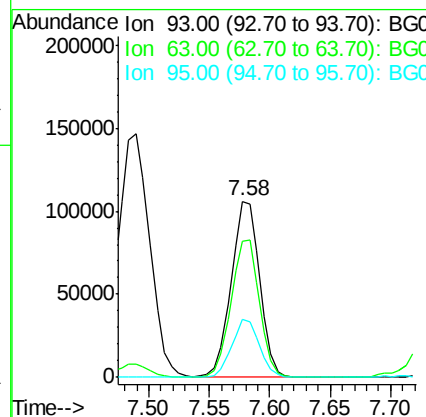
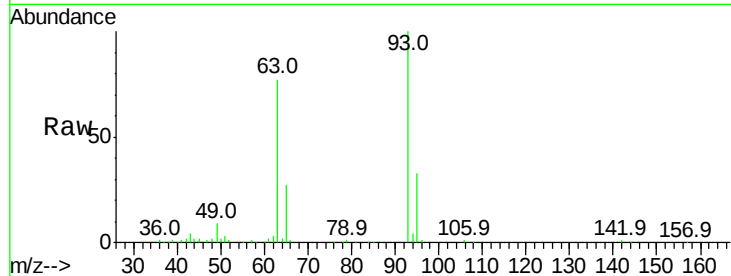




#11
 bis(2-Chloroethyl)ether
 Concen: 44.372 ng
 RT: 7.58 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

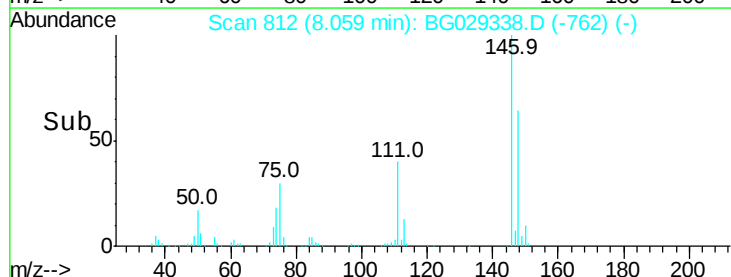
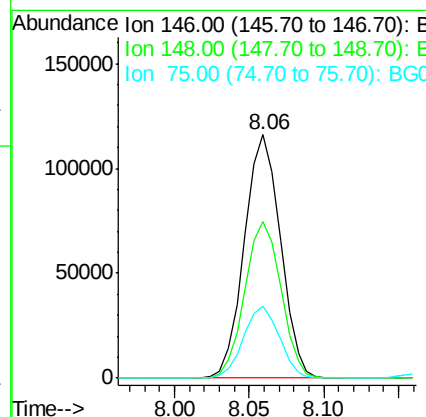
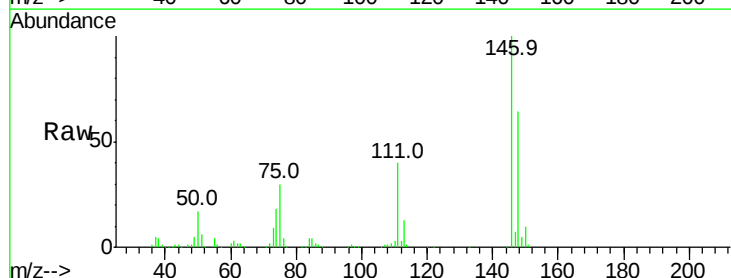
Instrument :
 BNA_G
 ClientSampleId :

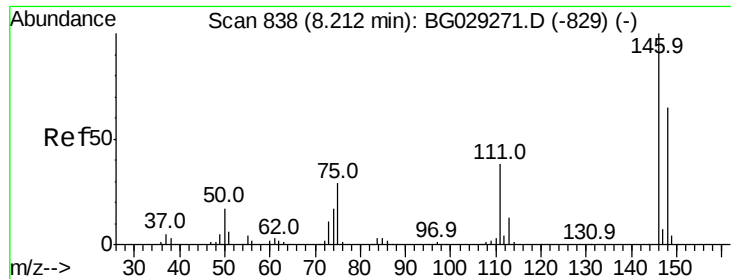
Tot Ion: 93 Resp: 174471
 Ion Ratio Lower Upper
 93 100
 63 77.5 67.1 107.1
 95 32.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 42.409 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion: 146 Resp: 194631
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 75 29.8 26.6 39.8

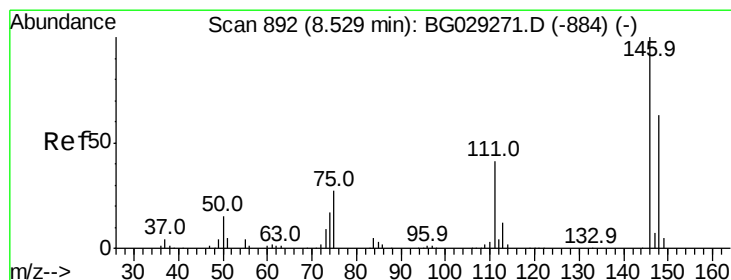
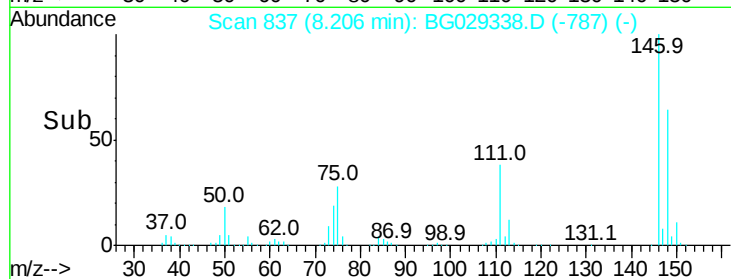
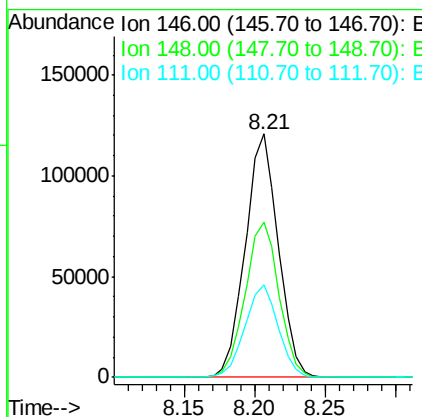
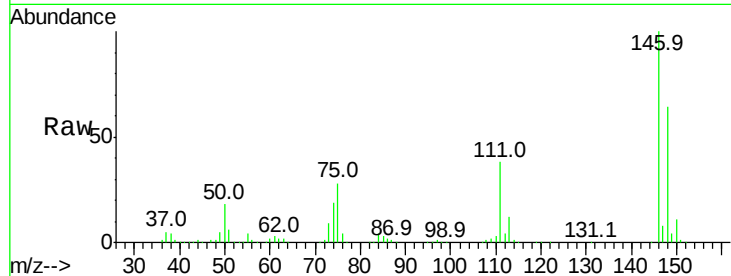




#13
 1,4-Dichlorobenzene
 Concen: 42.292 ng
 RT: 8.21 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

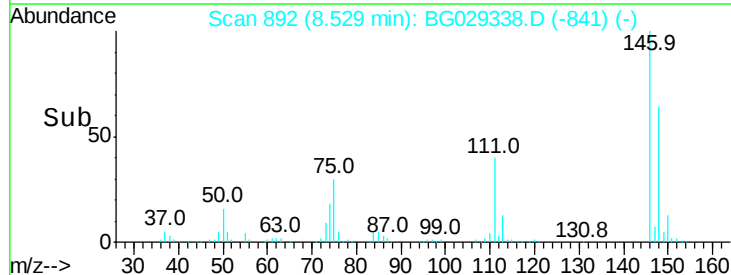
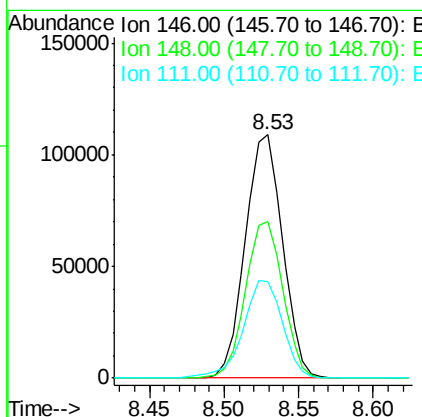
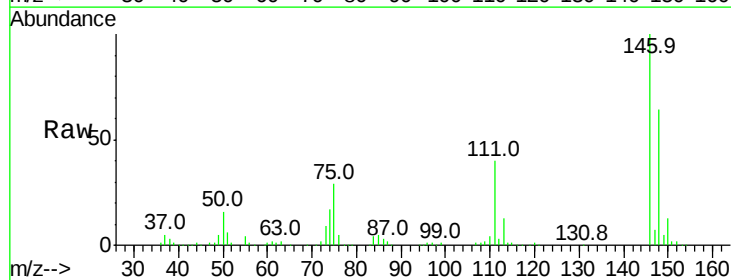
Instrument :
 BNA_G
 ClientSampleId :

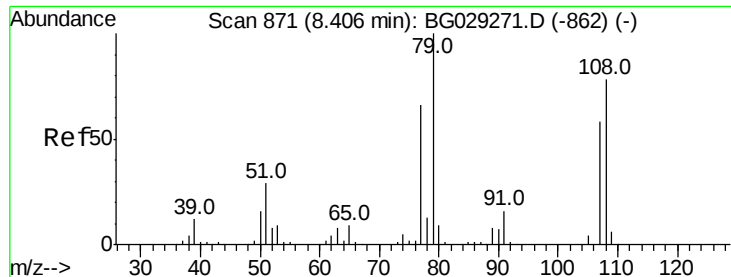
Tot Ion:146 Resp: 198166
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.7 80.5
 111 38.0 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.668 ng
 RT: 8.53 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion:146 Resp: 188320
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.3 73.9
 111 39.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 44.995 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

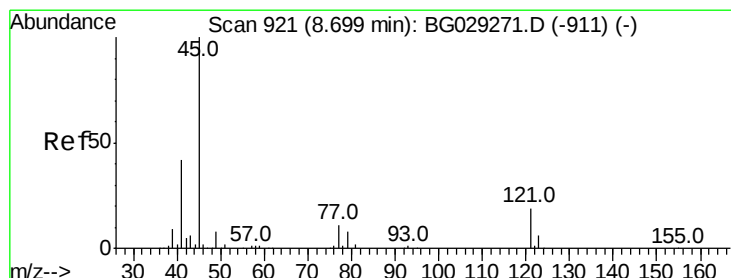
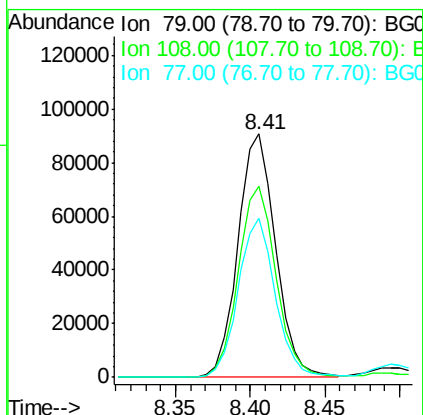
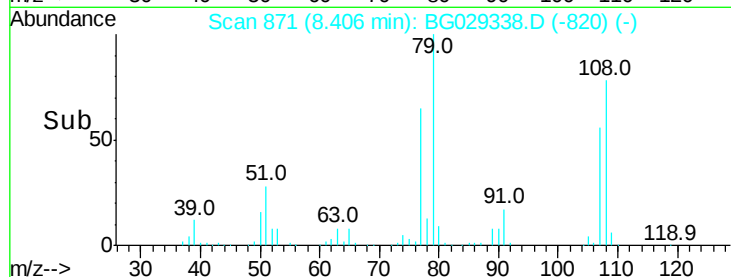
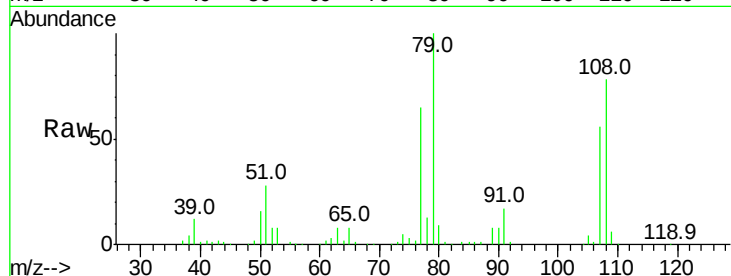
Tot Ion: 79 Resp: 158730

Ion Ratio Lower Upper

79 100

108 78.4 57.2 85.8

77 65.5 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.762 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

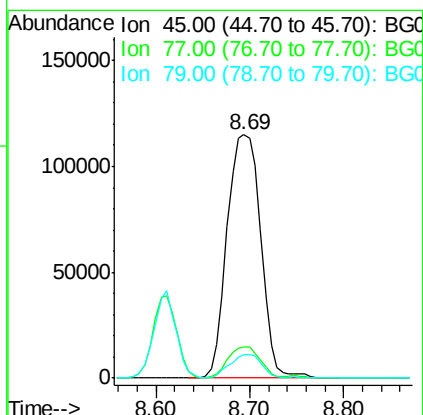
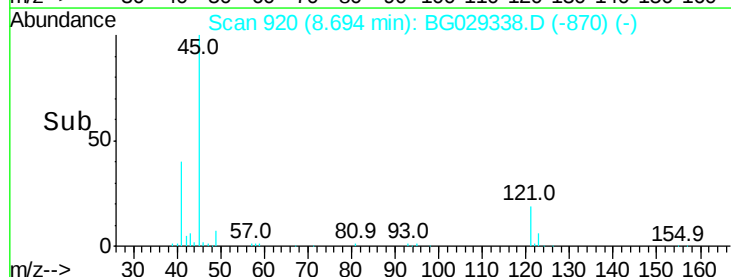
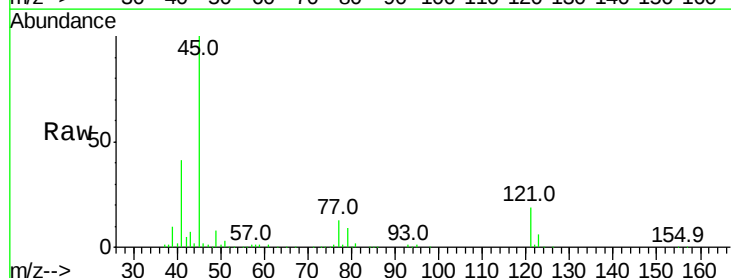
Tgt Ion: 45 Resp: 285547

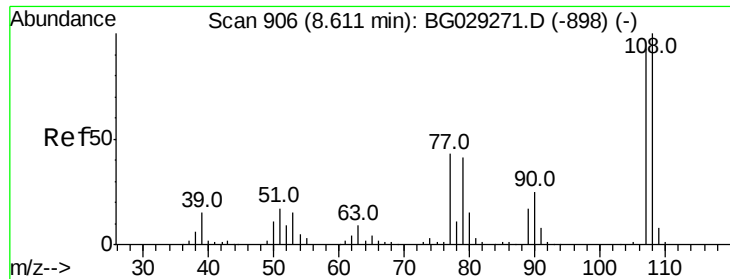
Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.2

79 9.5 0.0 27.9





#17

2-Methylphenol

Concen: 42.774 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 153347

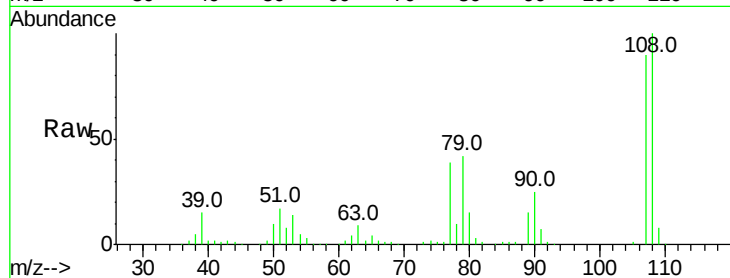
Ion Ratio Lower Upper

107 100

108 111.0 83.9 125.9

77 43.6 37.2 55.8

79 46.3 36.2 54.2

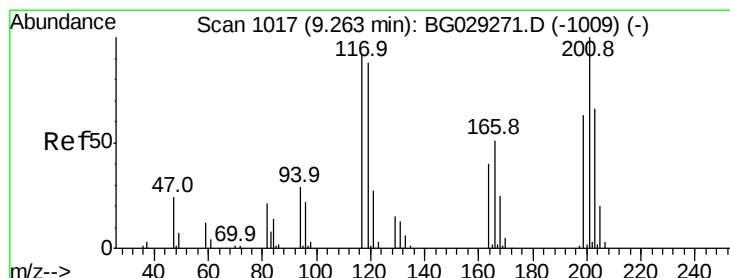
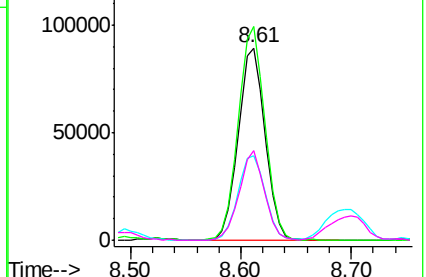
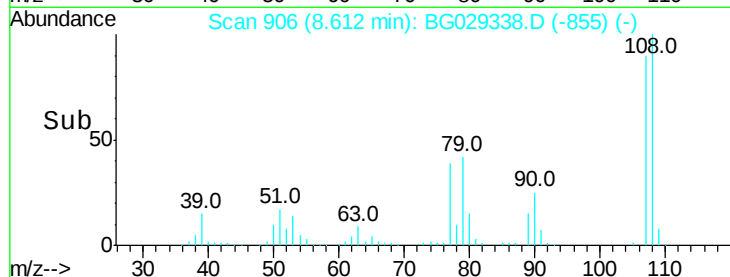


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.813 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

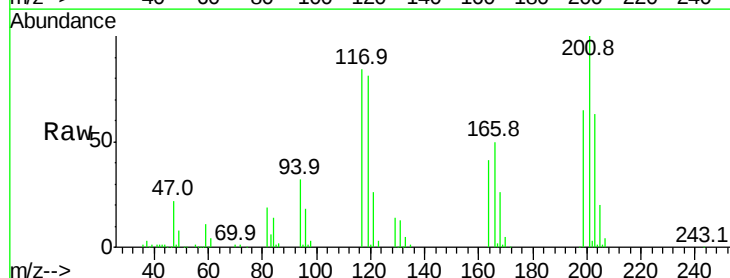
Tgt Ion:117 Resp: 68364

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1

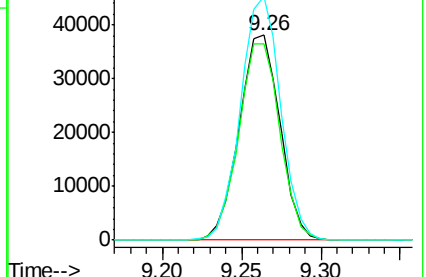
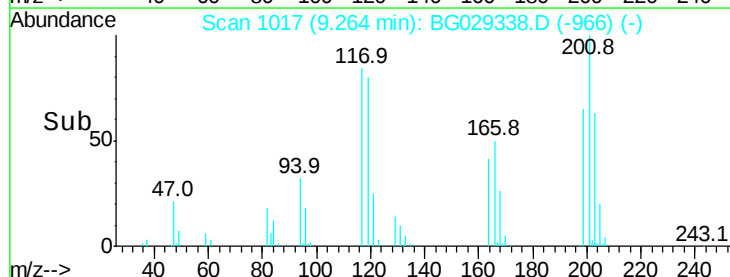
201 118.7 95.7 143.5

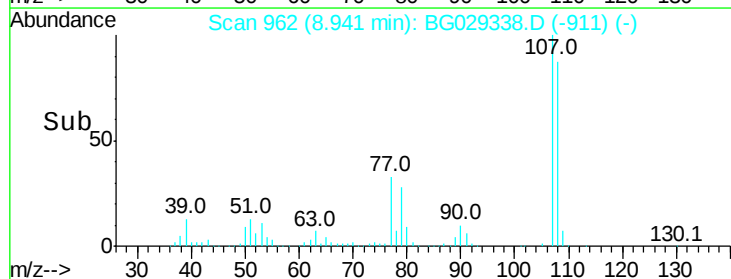
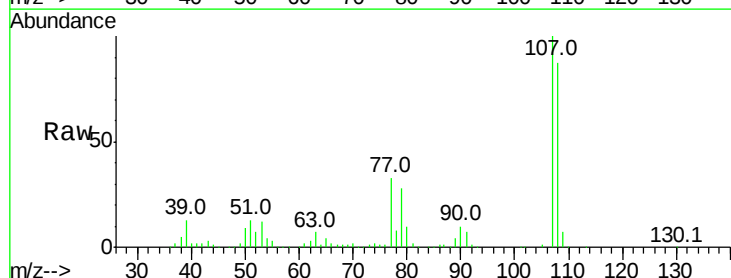
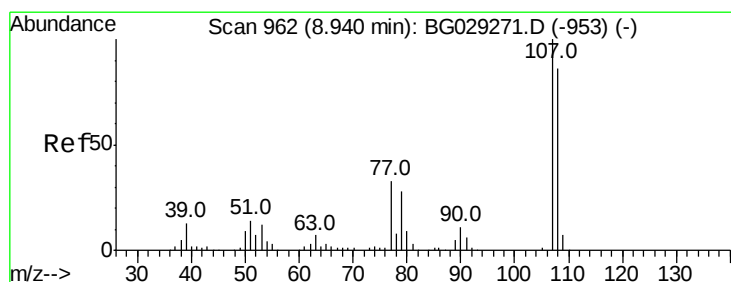
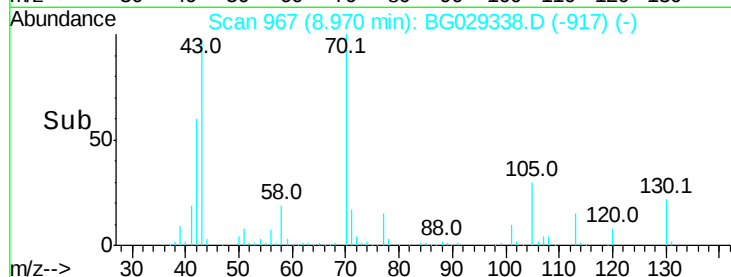
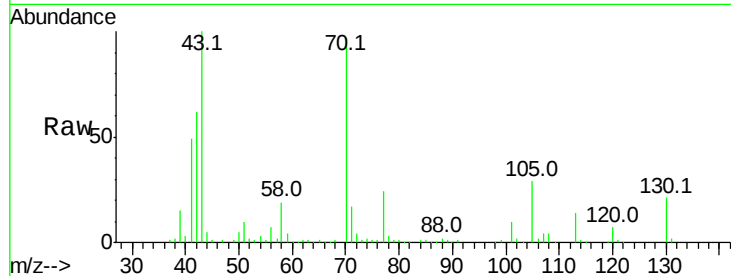
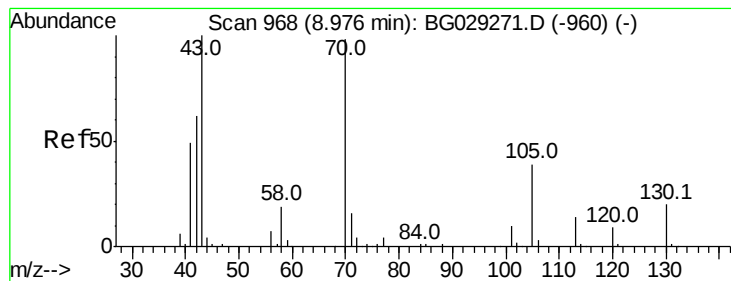


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.496 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 151451

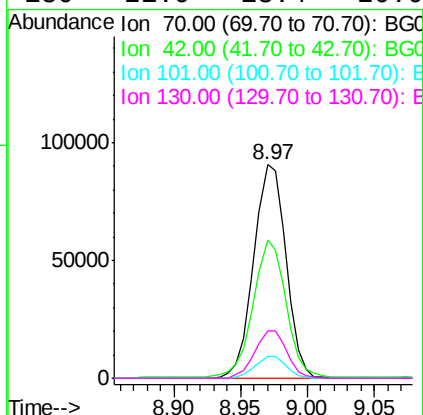
Ion Ratio Lower Upper

70 100

42 64.4 49.1 73.7

101 10.2 8.5 12.7

130 21.9 13.4 20.0#



#20

3+4-Methylphenols

Concen: 44.052 ng

RT: 8.94 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Tgt Ion:107 Resp: 222527

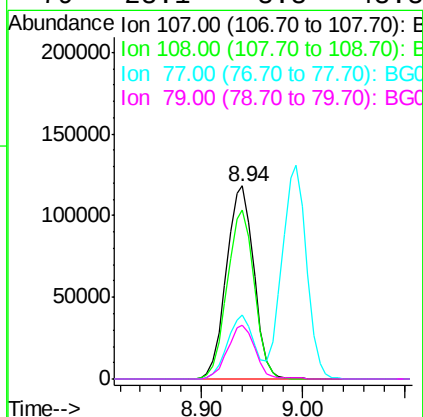
Ion Ratio Lower Upper

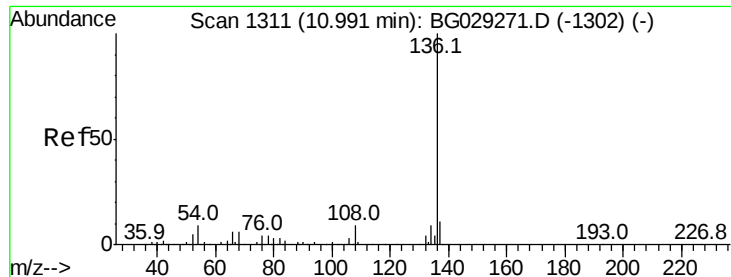
107 100

108 87.5 61.6 101.6

77 32.9 13.9 53.9

79 28.1 8.8 48.8

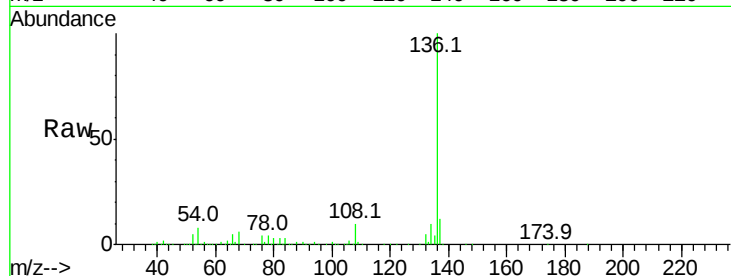




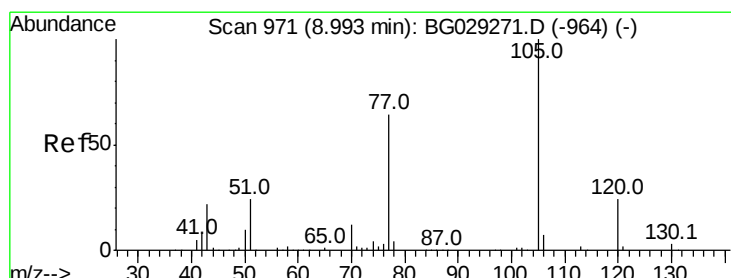
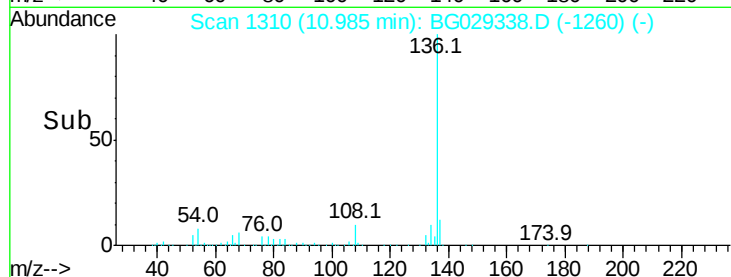
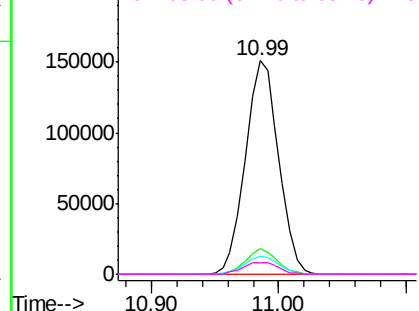
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	273533
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.2 13.8
54	8.4	10.3 15.5#
68	5.6	4.5 6.7

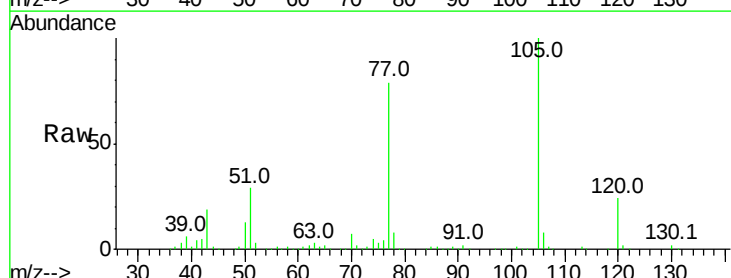


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

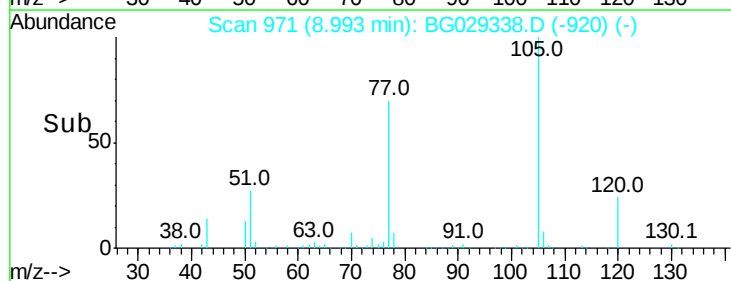
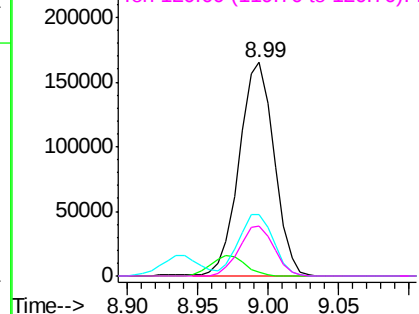


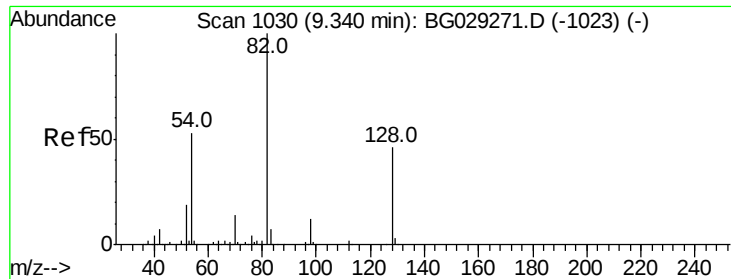
#22
Acetophenone
Concen: 43.444 ng
RT: 8.99 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion:105	Resp:	286386
Ion Ratio	Lower	Upper
105	100	
71	1.5	3.0 4.4#
51	28.9	26.1 39.1
120	23.5	17.4 26.2



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

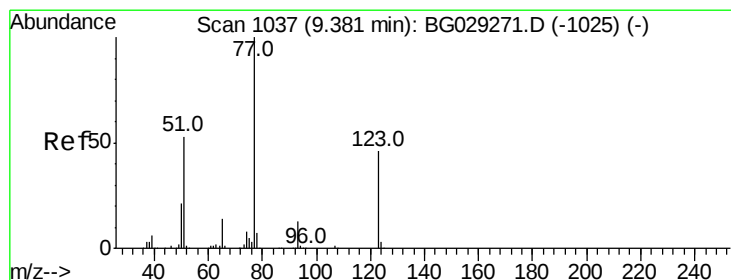
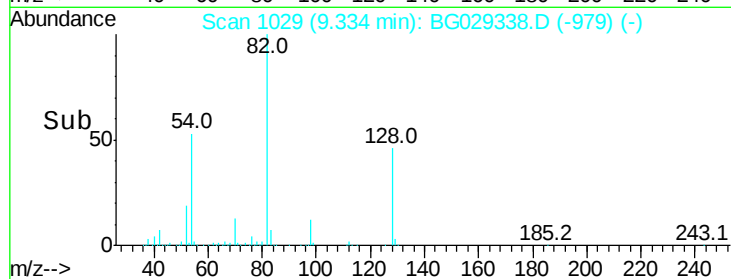
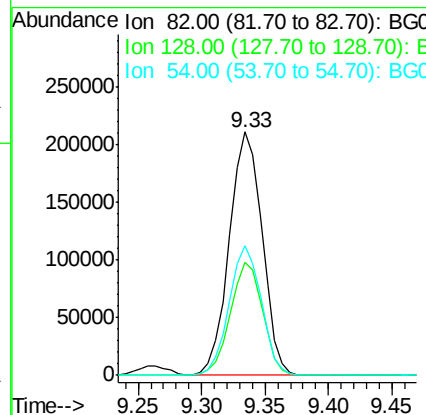
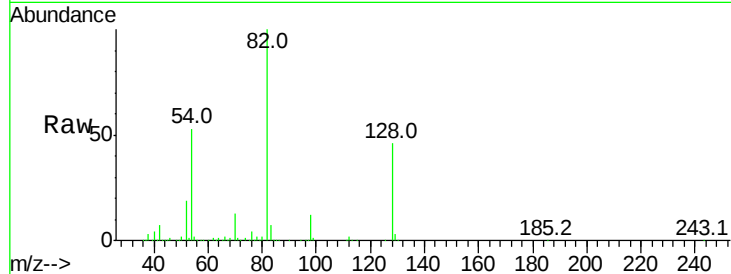




#23
Nitrobenzene-d5
Concen: 88.296 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

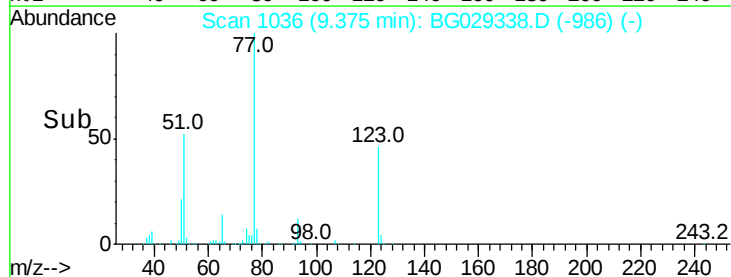
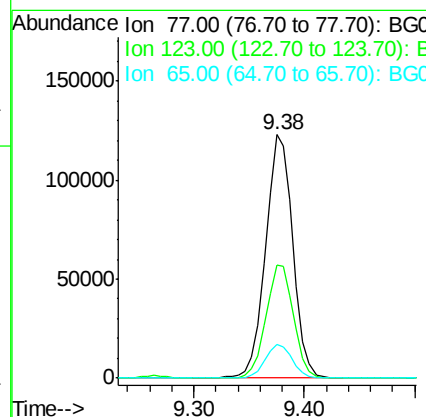
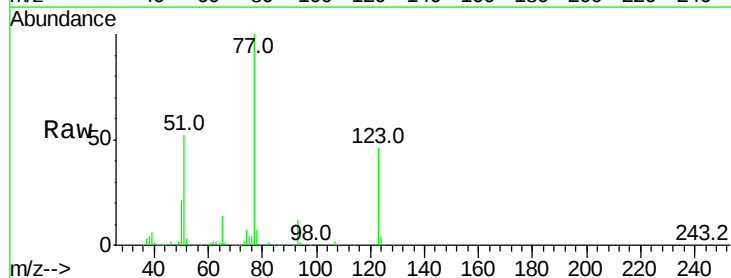
Instrument :
BNA_G
ClientSampled :

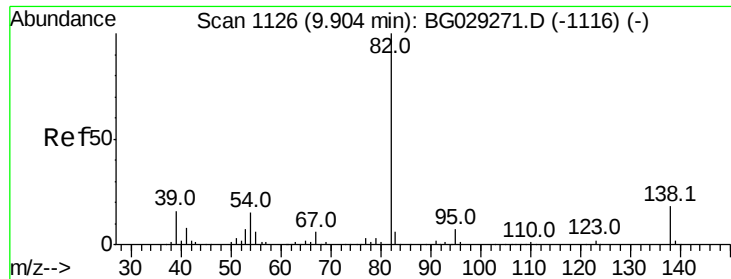
Tot Ion: 82 Resp: 380063
Ion Ratio Lower Upper
82 100
128 46.4 29.7 44.5#
54 53.1 43.1 64.7



#24
Nitrobenzene
Concen: 43.734 ng
RT: 9.38 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion: 77 Resp: 211660
Ion Ratio Lower Upper
77 100
123 46.3 33.0 49.6
65 13.9 13.0 19.6





#25

Isophorone

Concen: 45.879 ng

RT: 9.90 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

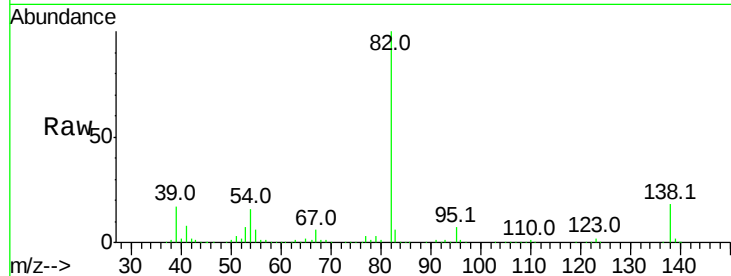
Tot Ion: 82 Resp: 412265

Ion Ratio Lower Upper

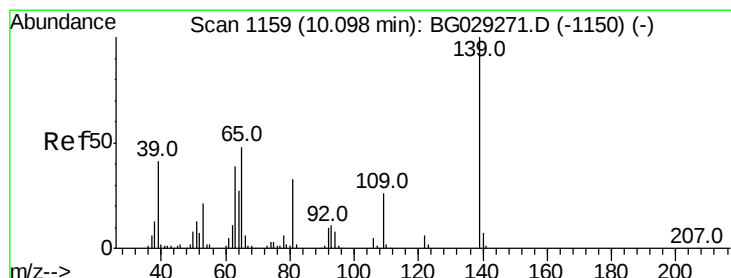
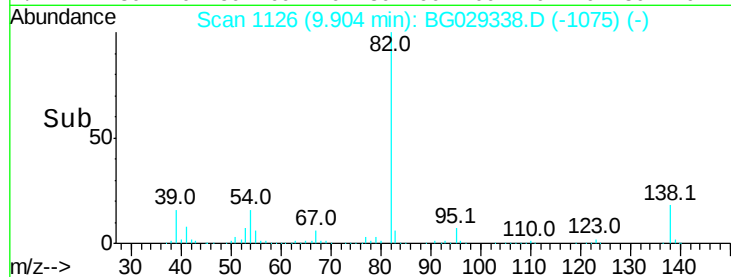
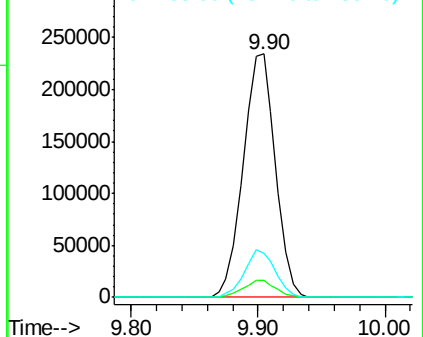
82 100

95 7.1 6.2 9.2

138 18.0 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.340 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

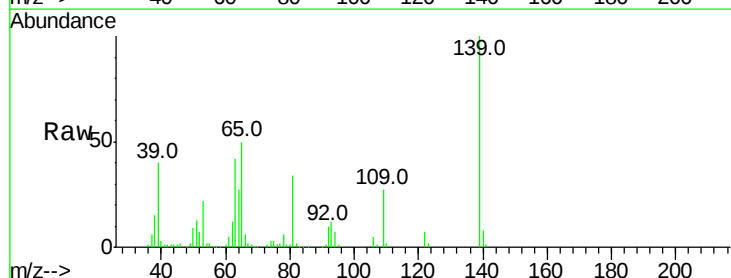
Tgt Ion: 139 Resp: 109503

Ion Ratio Lower Upper

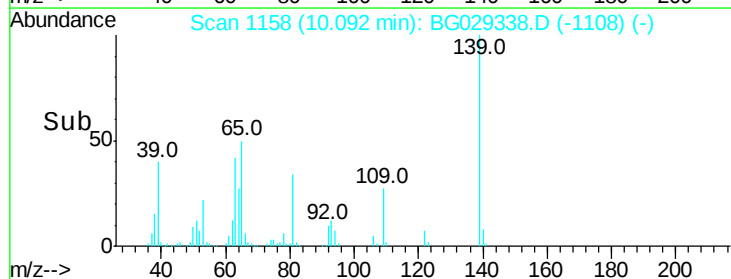
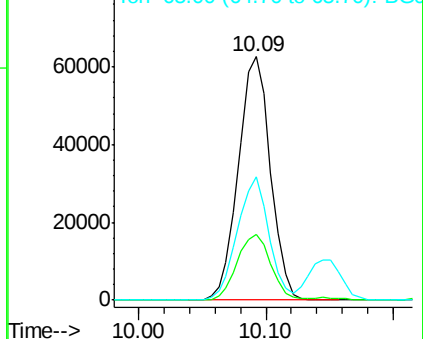
139 100

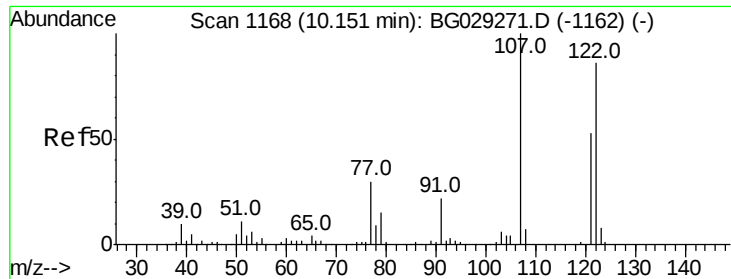
109 27.1 24.2 36.2

65 50.4 47.4 71.0



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

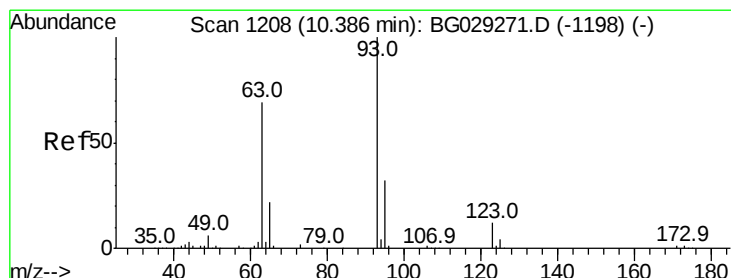
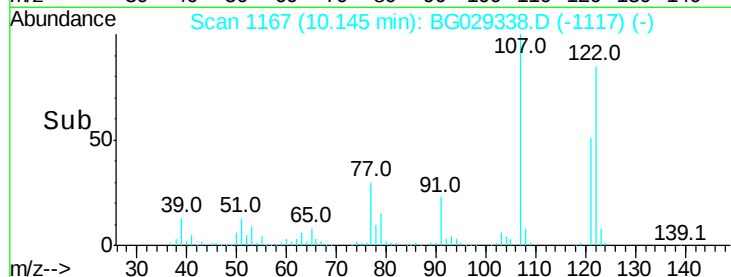
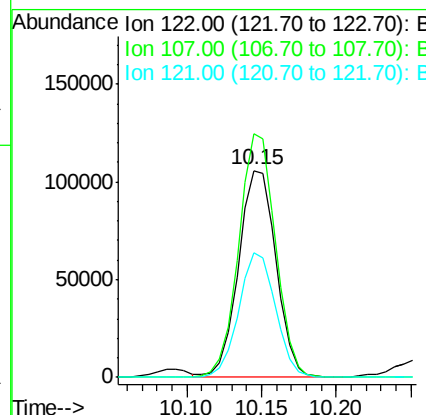
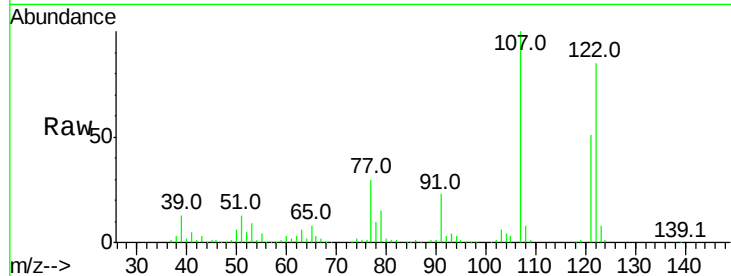




#27
2,4-Dimethylphenol
Concen: 44.047 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

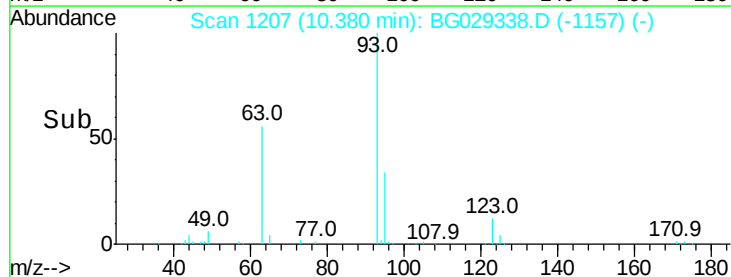
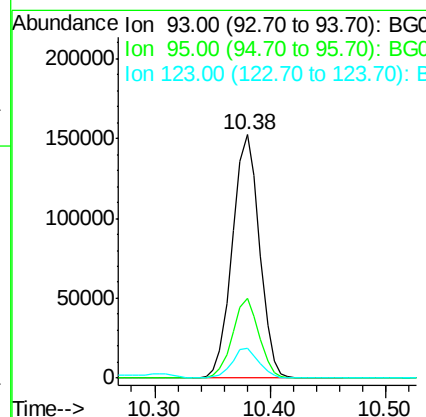
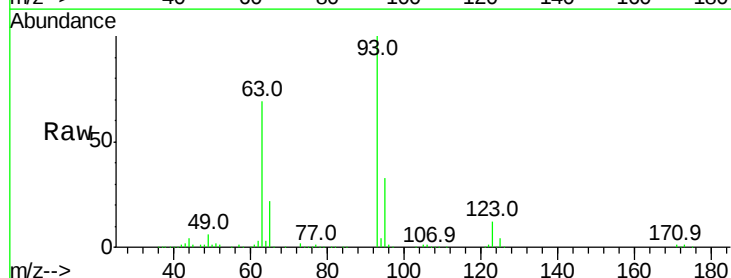
Instrument :
BNA_G
ClientSampleId :

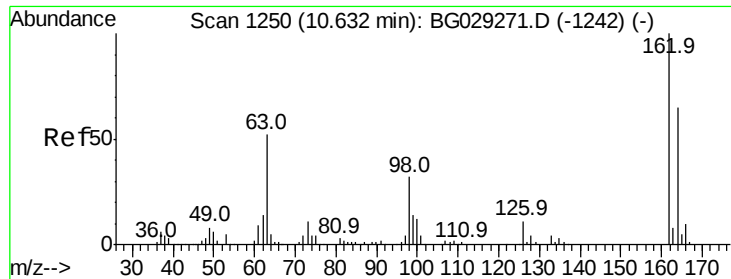
Tot Ion:122 Resp: 184341
Ion Ratio Lower Upper
122 100
107 117.7 100.2 150.2
121 60.3 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.960 ng
RT: 10.38 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion: 93 Resp: 247731
Ion Ratio Lower Upper
93 100
95 32.6 24.3 36.5
123 12.4 8.4 12.6

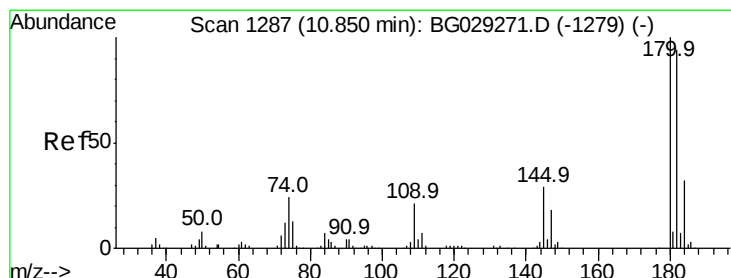
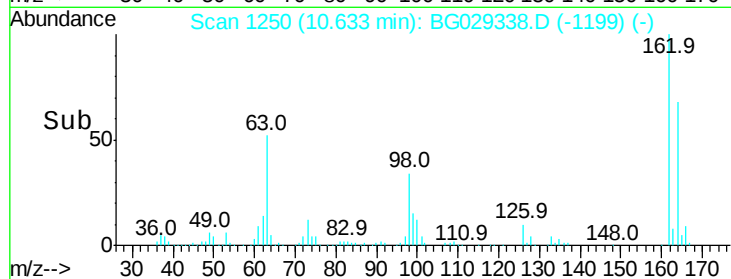
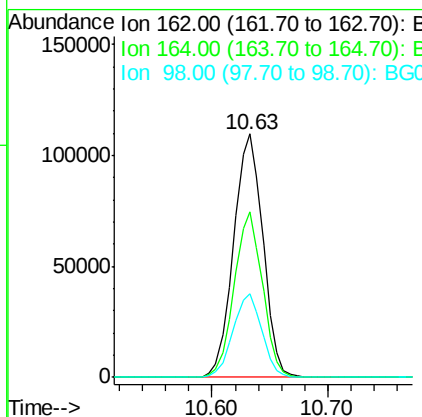
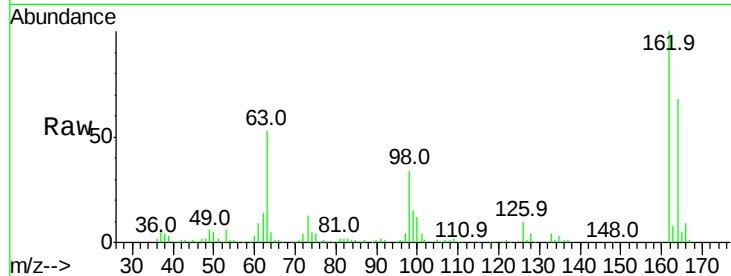




#29
 2,4-Dichlorophenol
 Concen: 43.059 ng
 RT: 10.63 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

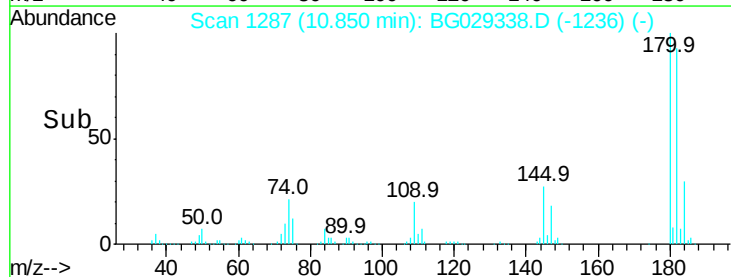
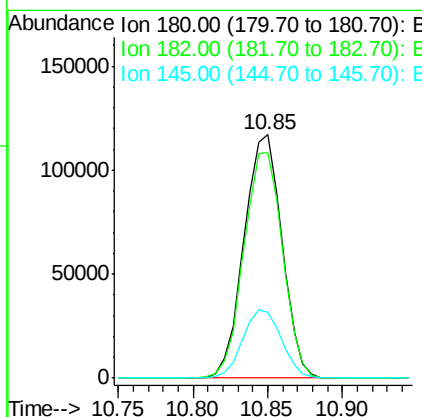
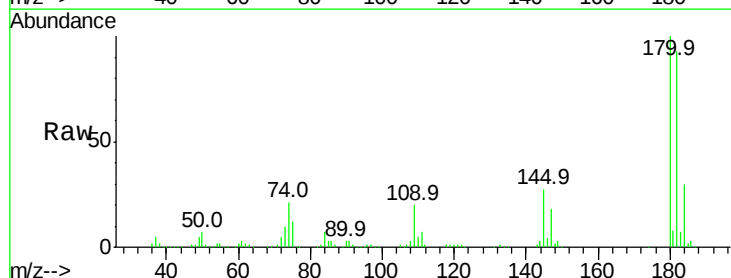
Instrument :
 BNA_G
 ClientSampled :

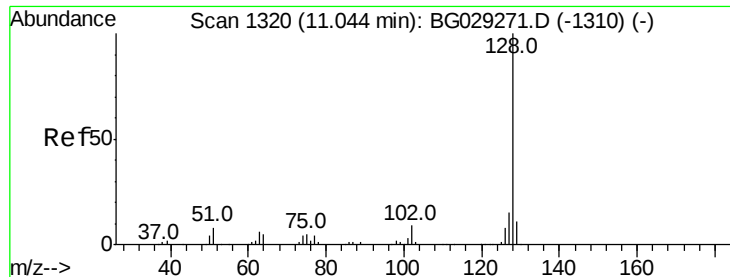
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	48.0	88.0
98	34.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.657 ng
 RT: 10.85 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.5	116.3
145	26.9	23.4	35.2

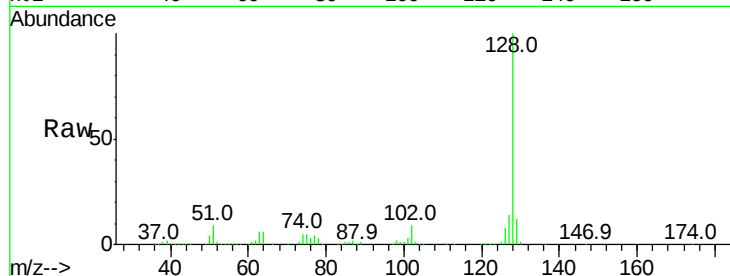




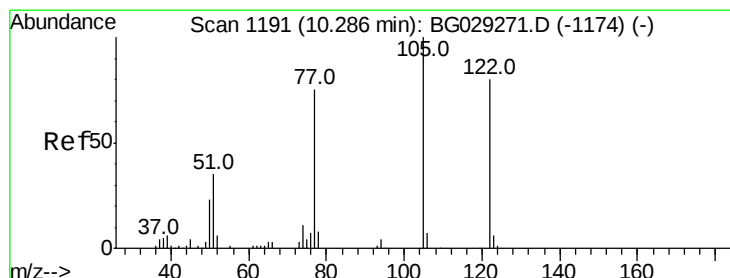
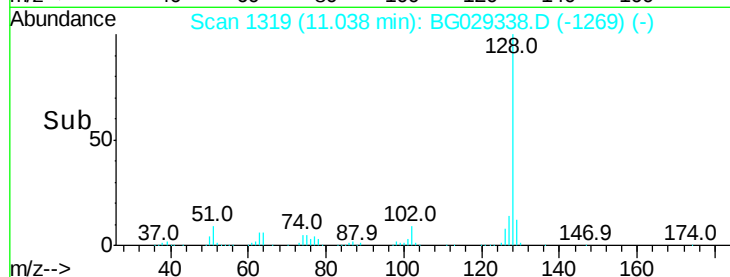
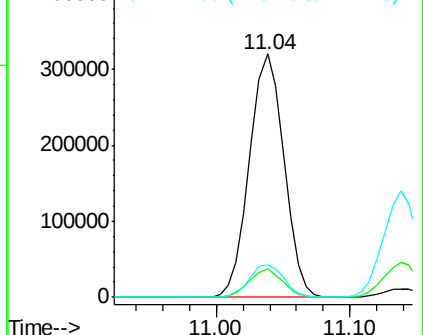
#31
Naphthalene
Concen: 42.031 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 572978
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.6 11.6 17.4

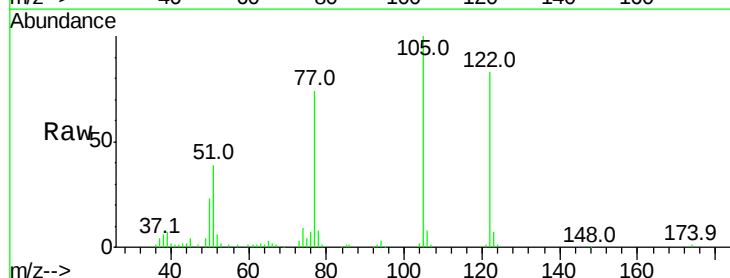


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

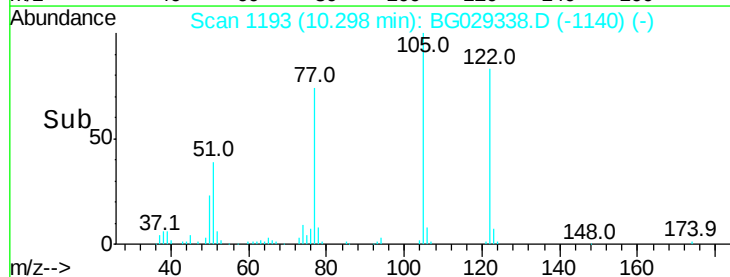
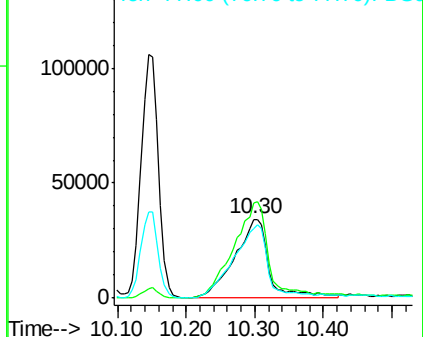


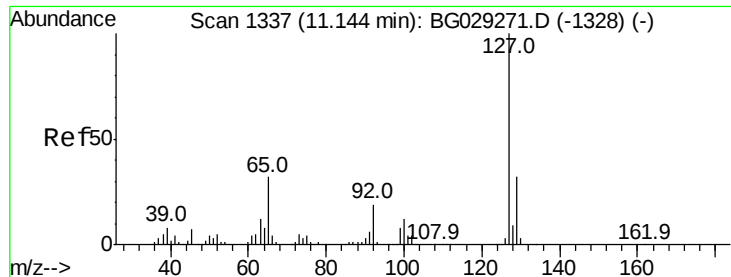
#32
Benzoic acid
Concen: 33.927 ng
RT: 10.30 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion:122 Resp: 118887
Ion Ratio Lower Upper
122 100
105 120.3 123.5 163.5#
77 88.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

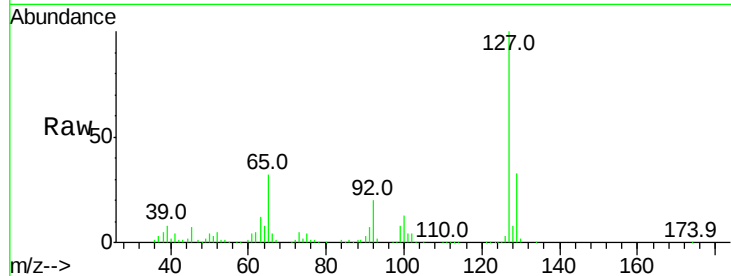




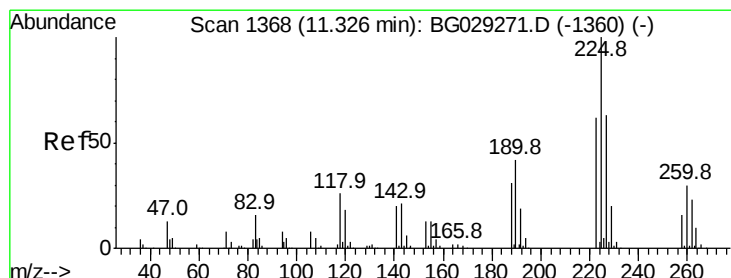
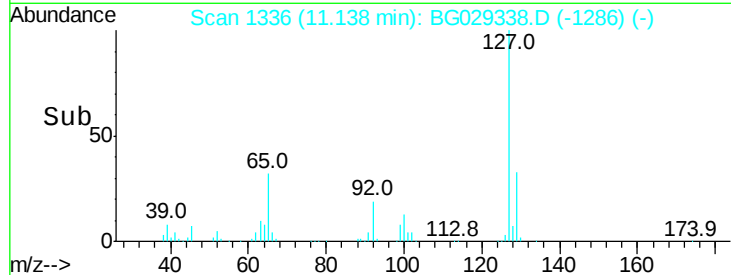
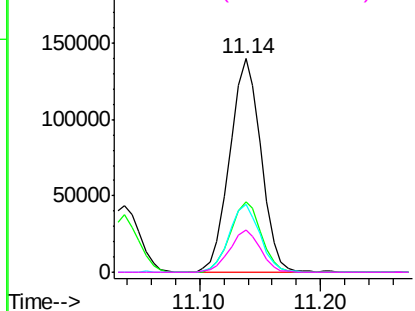
#33
4-Chloroaniline
Concen: 43.985 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	252228
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	31.7	27.0	40.4
92	19.5	16.6	25.0

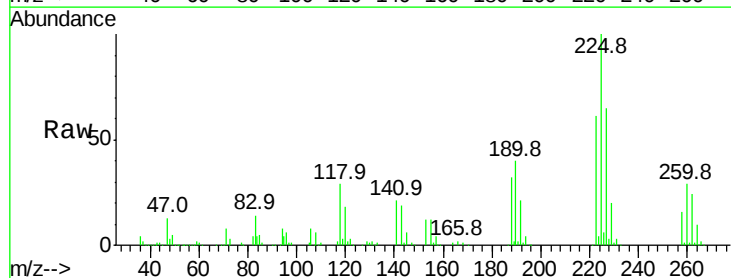


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

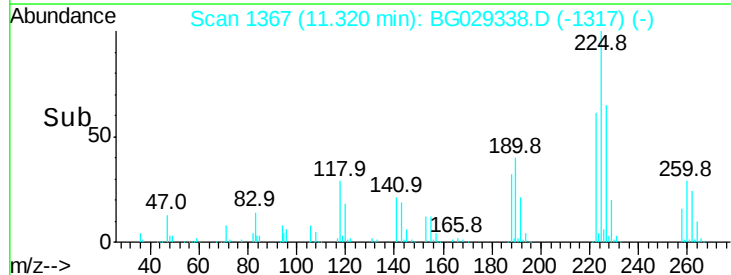
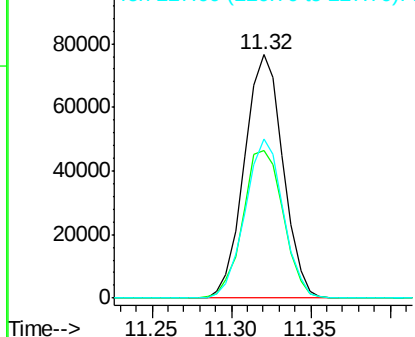


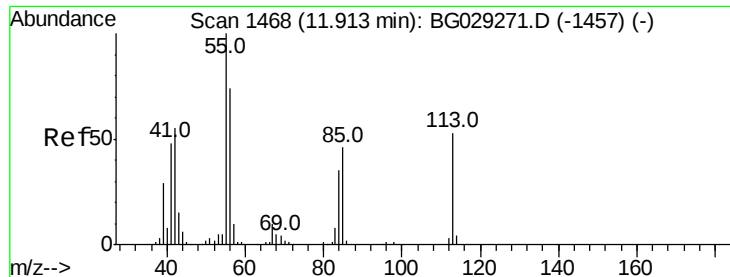
#34
Hexachlorobutadiene
Concen: 43.340 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion:	225	Resp:	129922
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	65.3	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: 50.444 ng

RT: 11.94 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

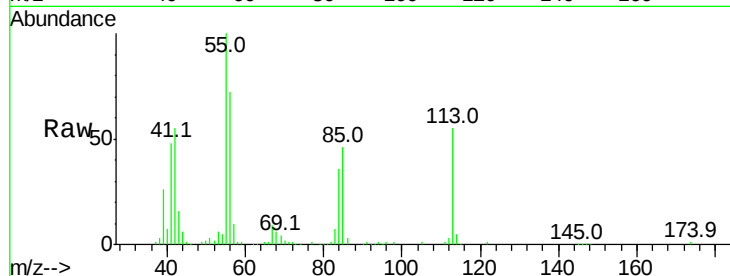
Tot Ion:113 Resp: 74819

Ion Ratio Lower Upper

113 100

55 180.4 186.9 226.9#

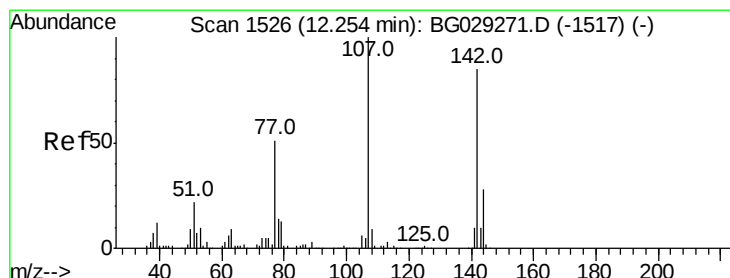
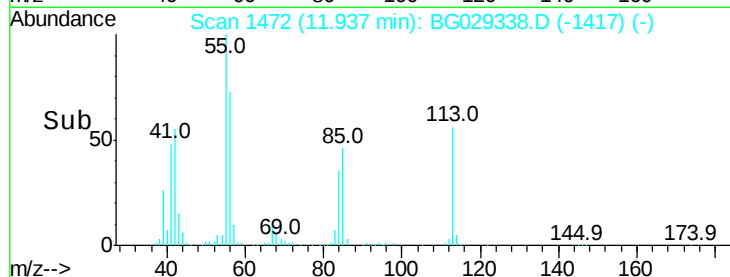
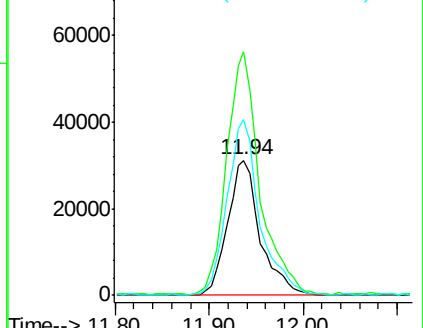
56 130.5 130.9 170.9#



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: 44.946 ng

RT: 12.25 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

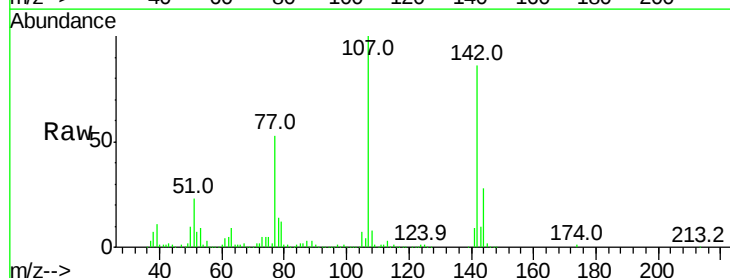
Tgt Ion:107 Resp: 220612

Ion Ratio Lower Upper

107 100

144 28.1 18.2 27.4#

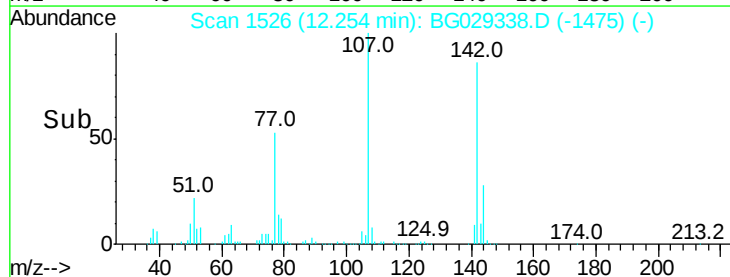
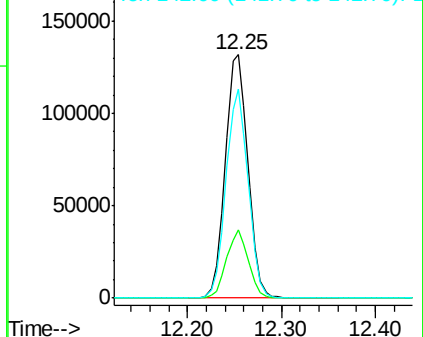
142 86.0 59.0 88.4

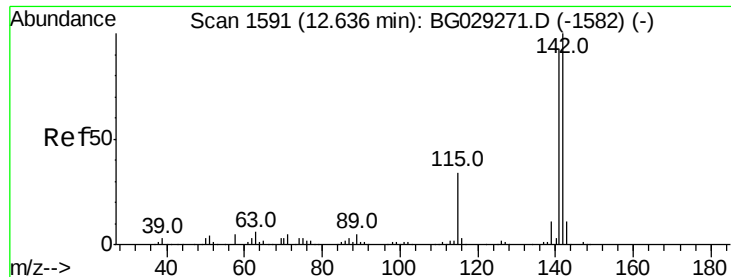


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

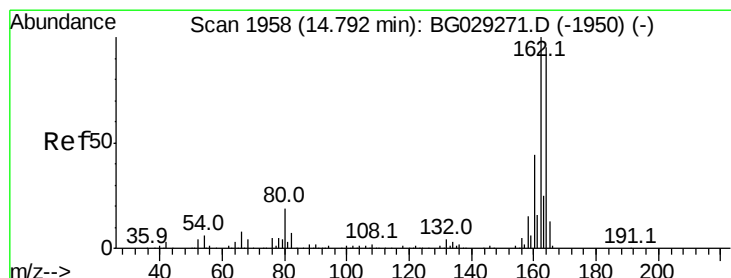
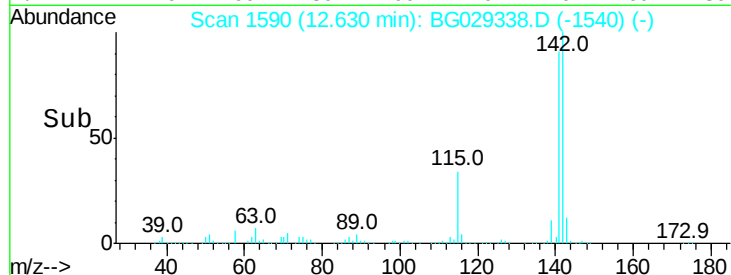
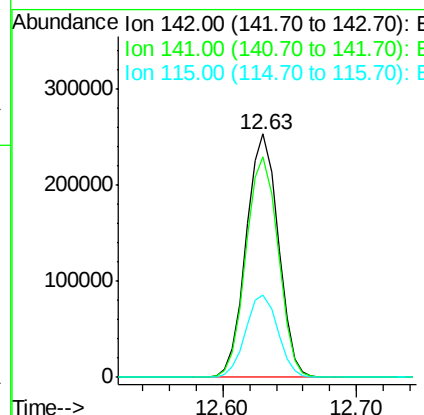
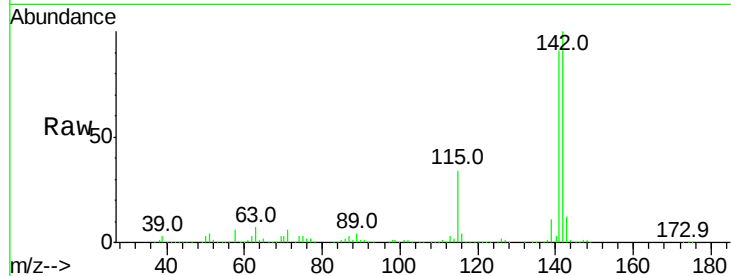




#37
2-Methylnaphthalene
Concen: 42.060 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

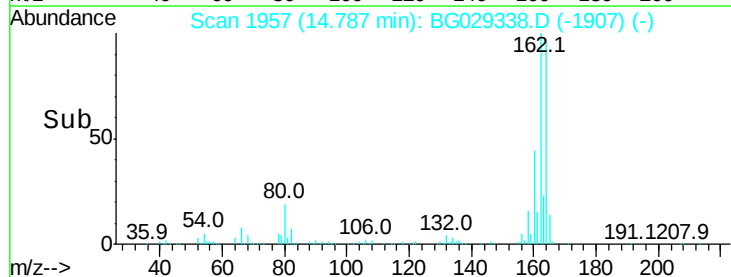
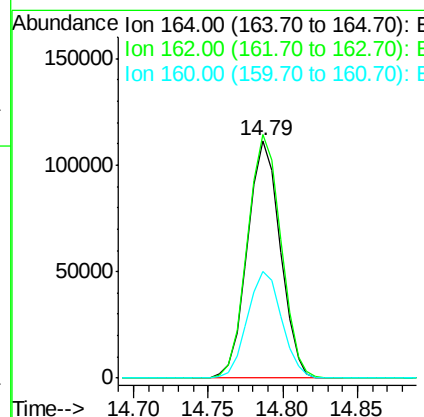
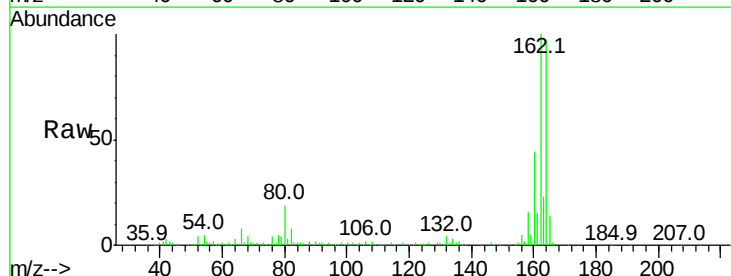
Instrument :
BNA_G
ClientSampleId :

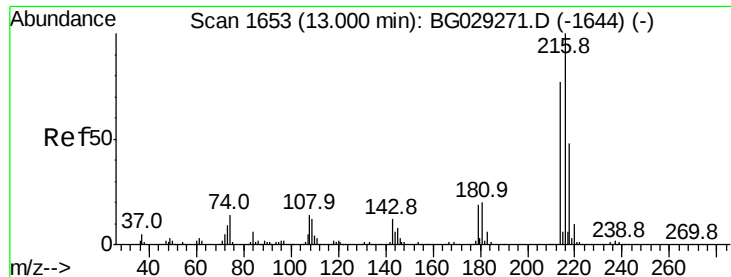
Tot Ion:142 Resp: 417891
Ion Ratio Lower Upper
142 100
141 90.7 67.1 100.7
115 33.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion:164 Resp: 169661
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 44.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.781 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 265003

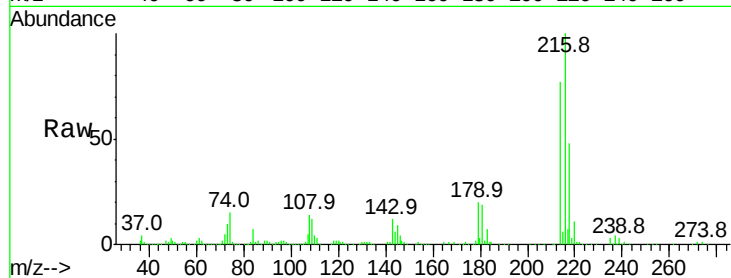
Ion Ratio Lower Upper

216 100

214 76.2 63.0 94.4

179 20.4 17.0 25.6

108 15.4 12.8 19.2

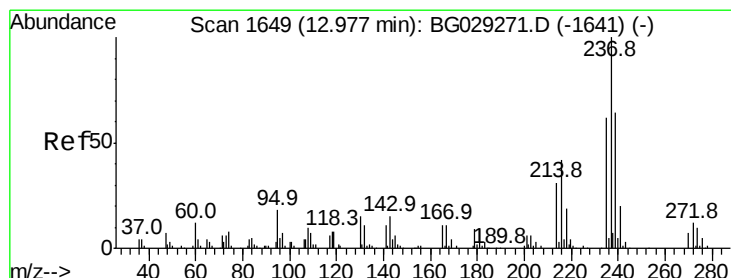
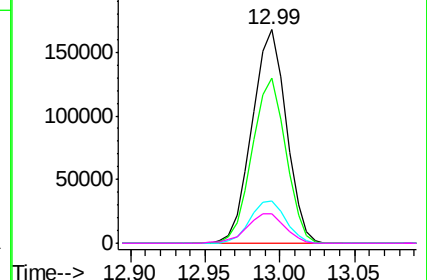
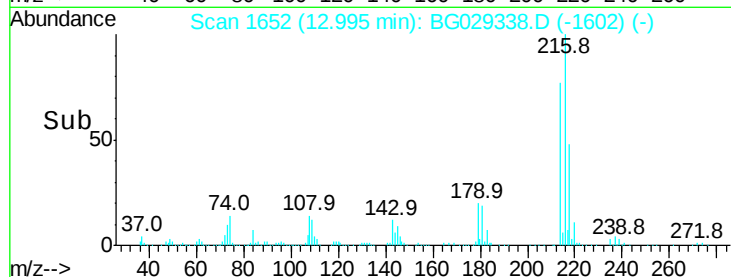


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.957 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

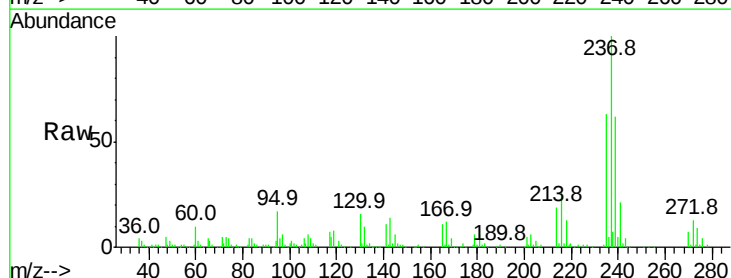
Tgt Ion:237 Resp: 130308

Ion Ratio Lower Upper

237 100

235 62.7 50.4 90.4

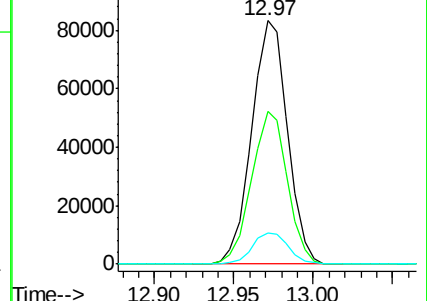
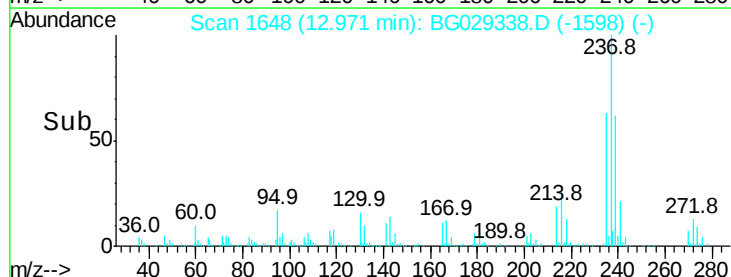
272 12.7 0.0 31.8

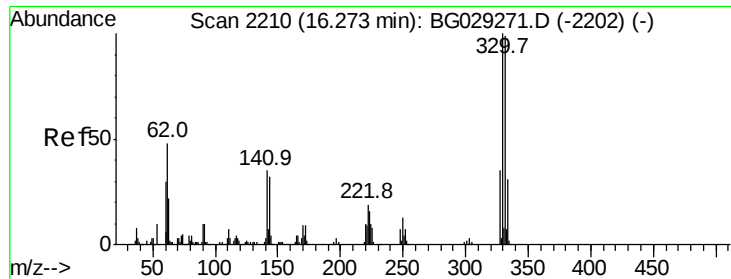


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

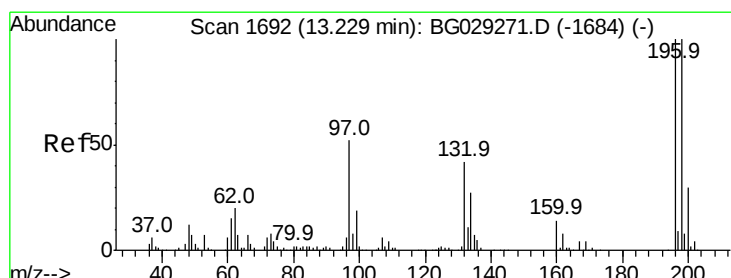
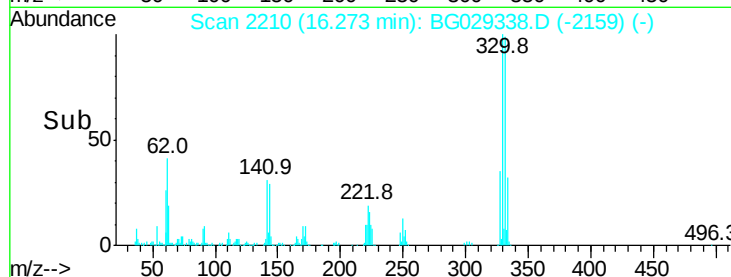
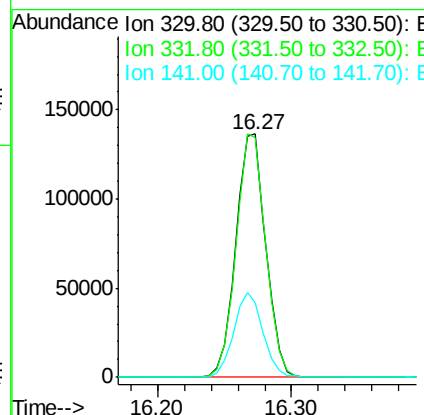
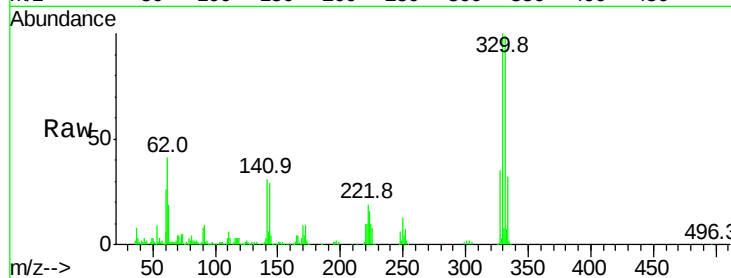




#41
 2,4,6-Tribromophenol
 Concen: 97.039 ng
 RT: 16.27 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

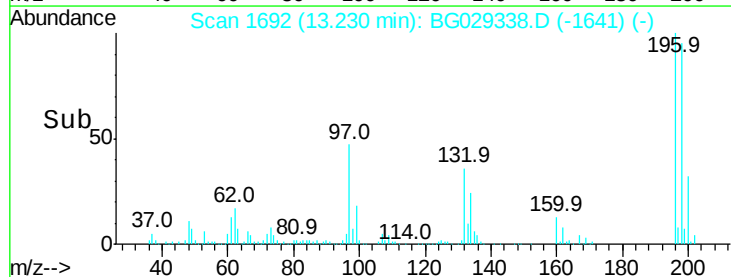
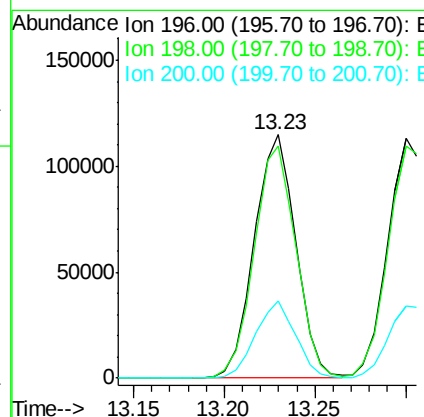
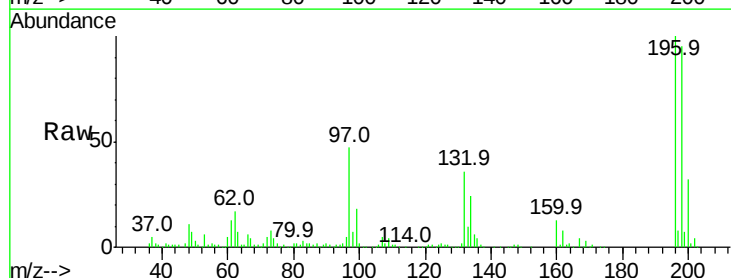
Instrument :
 BNA_G
 ClientSampleId :

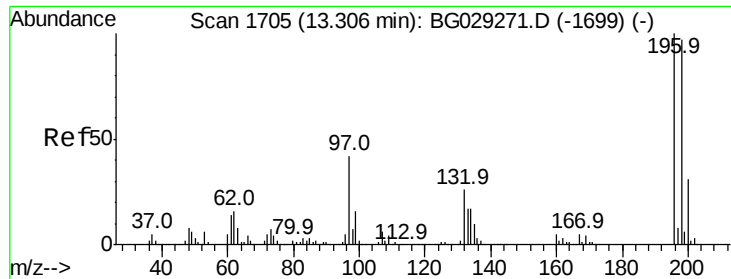
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	34.3	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 46.929 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.2	117.2
200	31.7	24.6	36.8

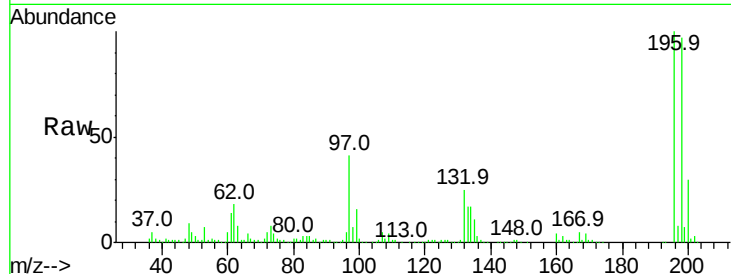




#43
 2,4,5-Trichlorophenol
 Concen: 46.961 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.2	114.4
97	41.5	38.7	58.1
132	25.0	20.2	30.2



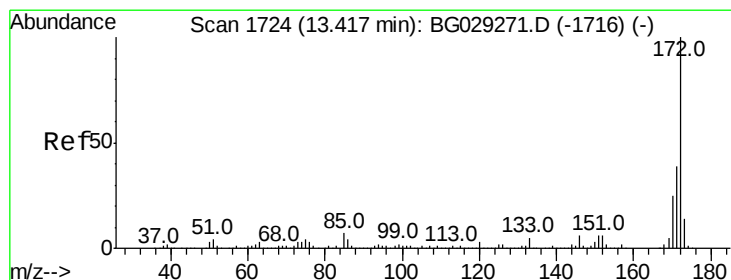
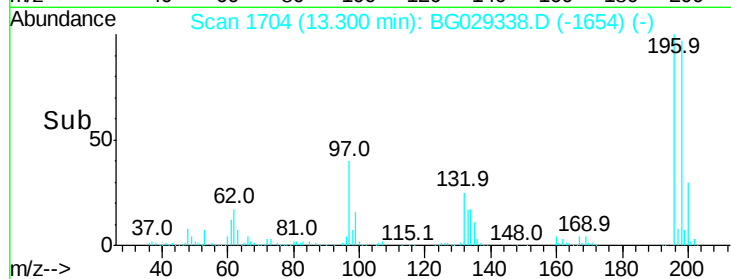
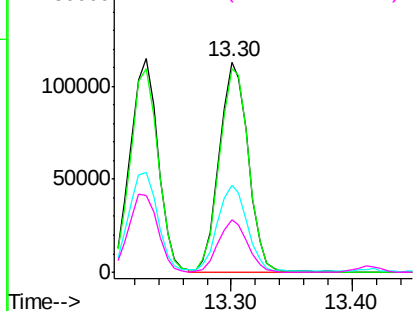
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

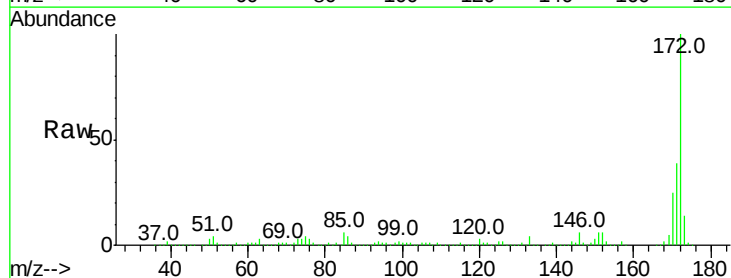
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.410 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.4	19.5	29.3

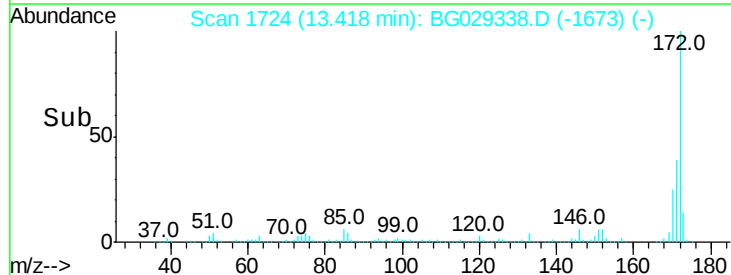
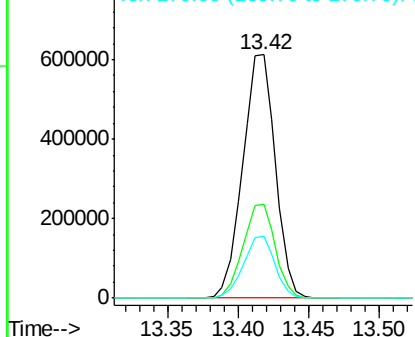


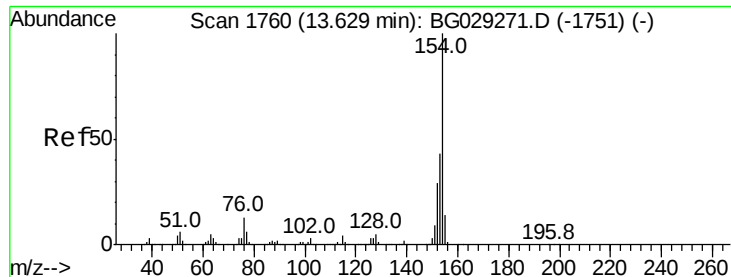
Abundance

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: 42.579 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

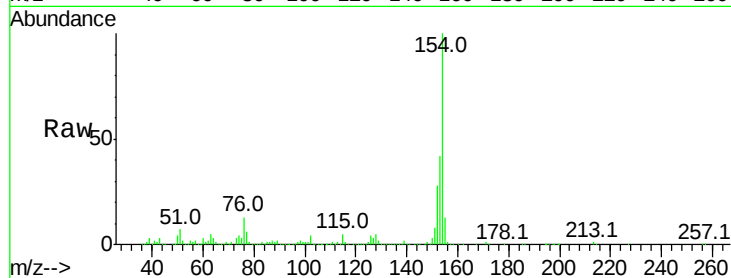
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 620936

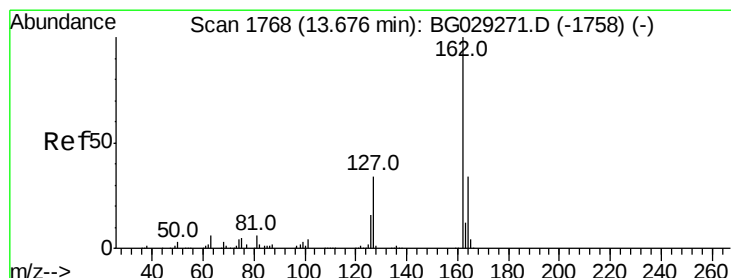
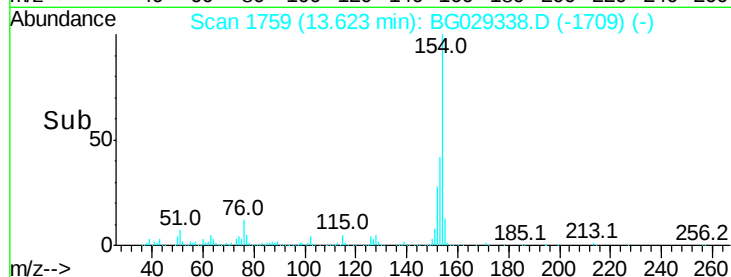
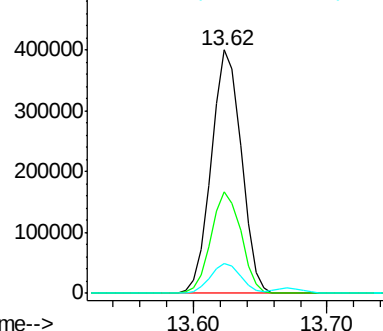
Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	12.5	0.0	31.9



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: 41.714 ng

RT: 13.67 min Scan# 1767

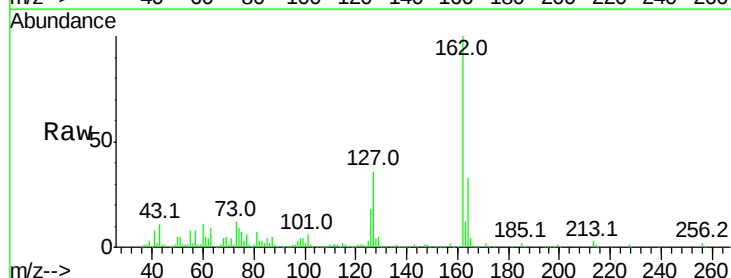
Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Tgt Ion:162 Resp: 443710

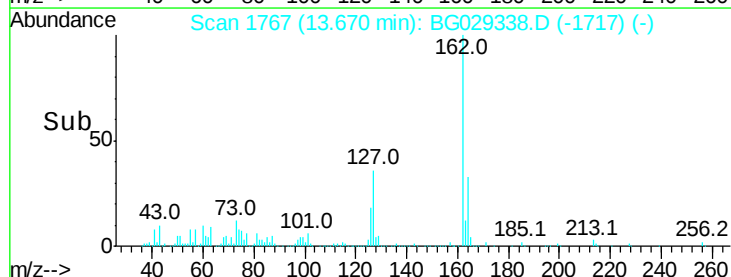
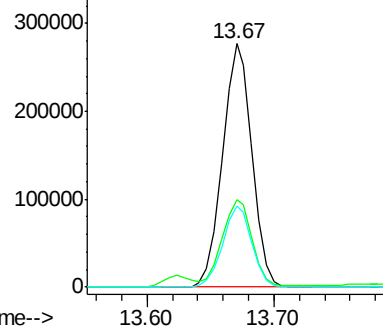
Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.7	46.1
164	33.4	26.0	39.0

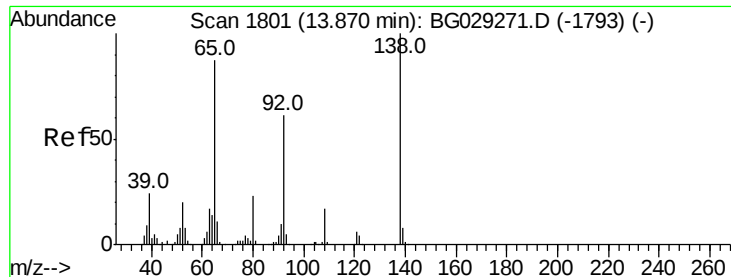


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

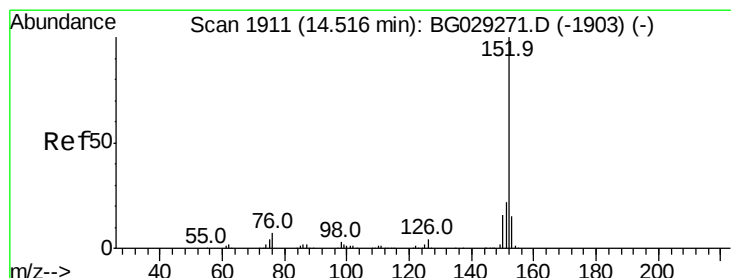
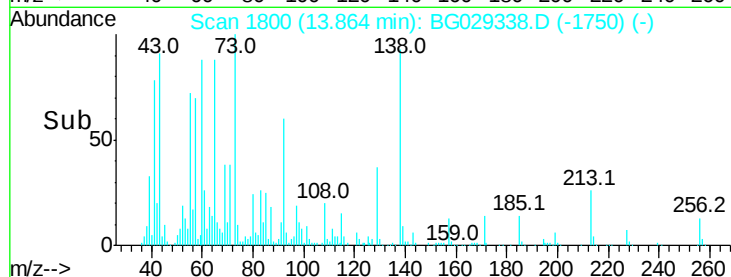
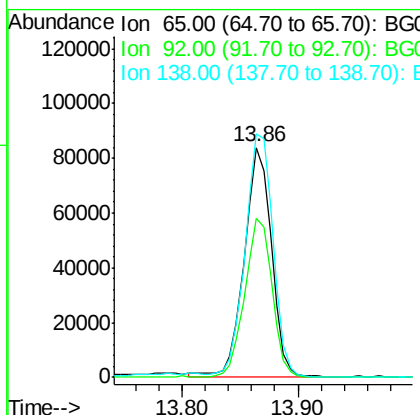
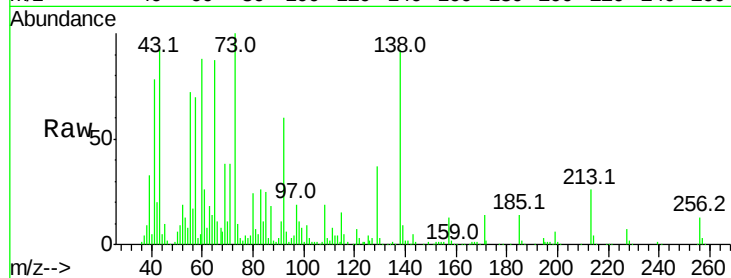




#47
2-Nitroaniline
Concen: 47.037 ng
RT: 13.86 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

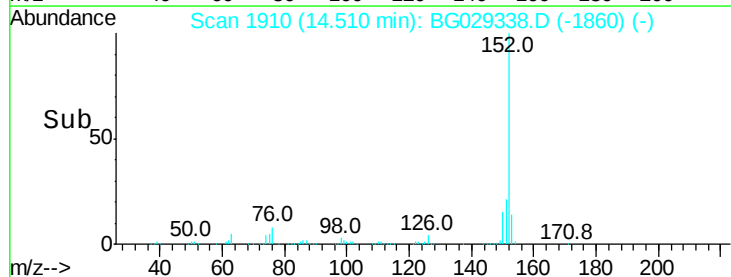
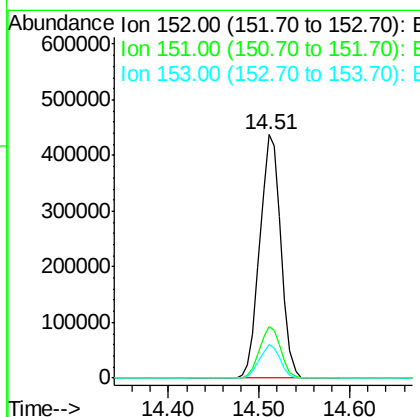
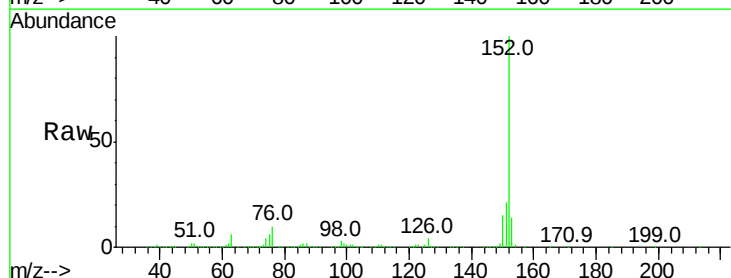
Instrument :
BNA_G
ClientSampleId :

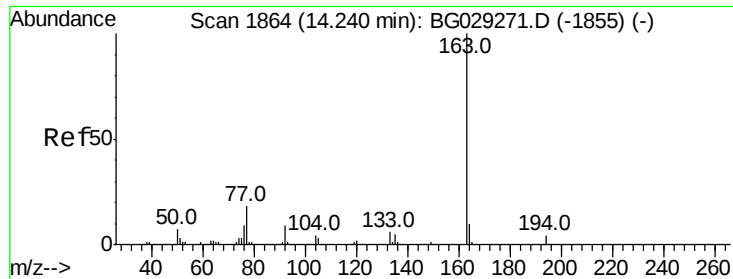
Tot Ion: 65 Resp: 137428
Ion Ratio Lower Upper
65 100
92 69.0 54.6 82.0
138 105.9 72.9 109.3



#48
Acenaphthylene
Concen: 42.402 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion: 152 Resp: 705881
Ion Ratio Lower Upper
152 100
151 21.4 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 44.772 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

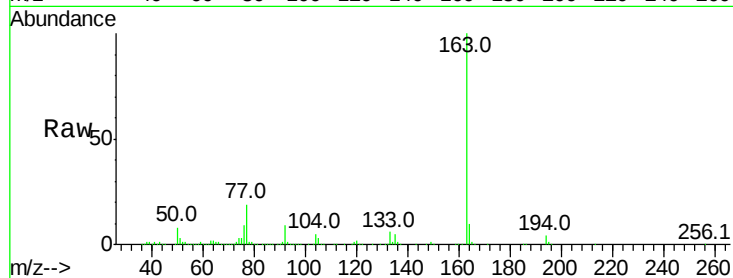
Tot Ion:163 Resp: 592666

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

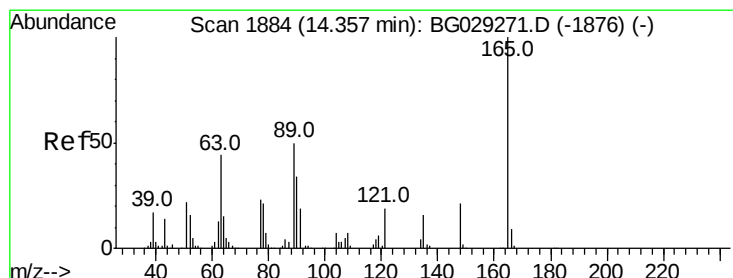
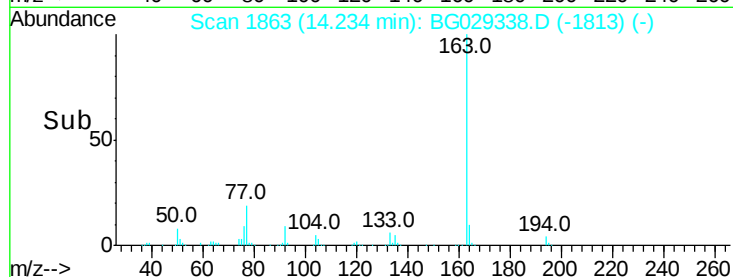
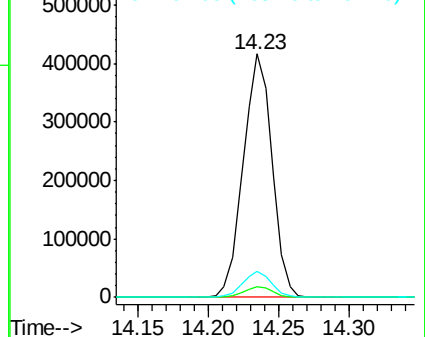
164 10.4 8.2 12.4



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: 47.878 ng

RT: 14.36 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

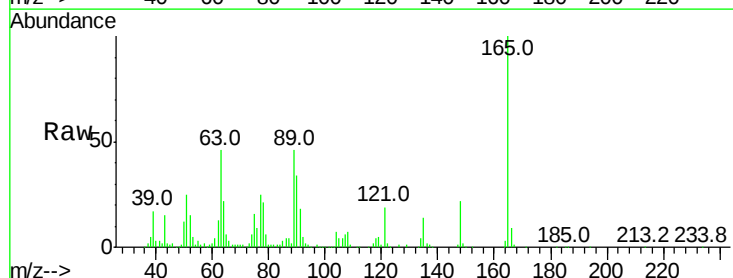
Tgt Ion:165 Resp: 132860

Ion Ratio Lower Upper

165 100

63 46.2 52.7 79.1#

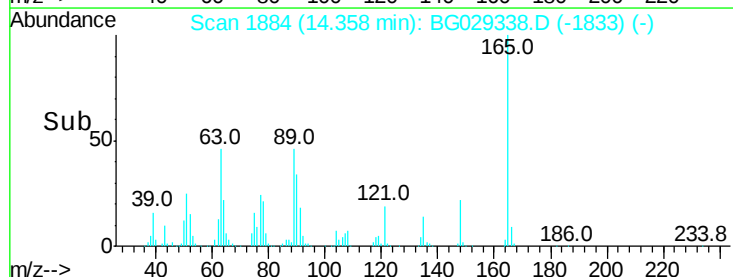
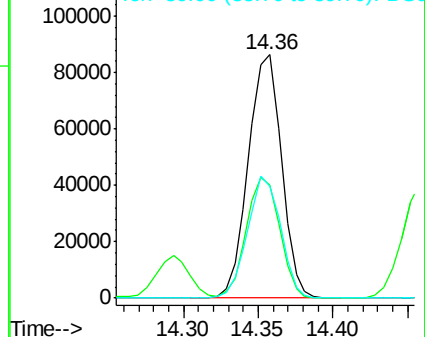
89 45.7 49.2 73.8#

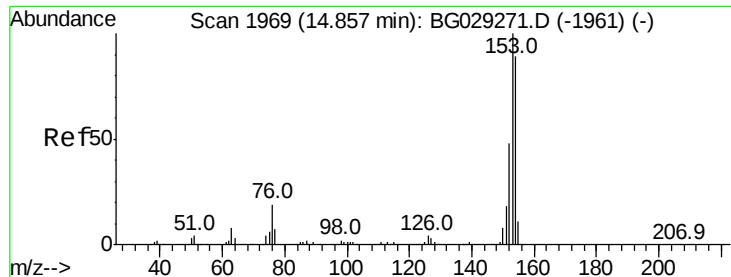


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.620 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

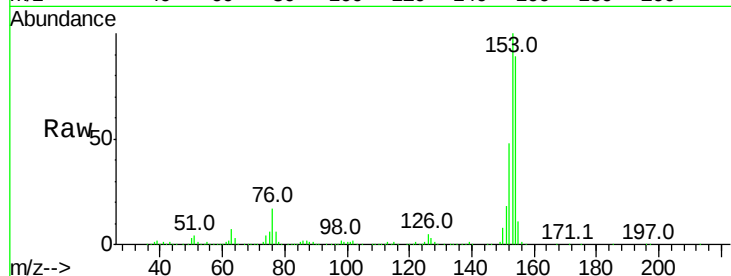
Tot Ion:154 Resp: 472462

Ion Ratio Lower Upper

154 100

153 112.7 90.4 135.6

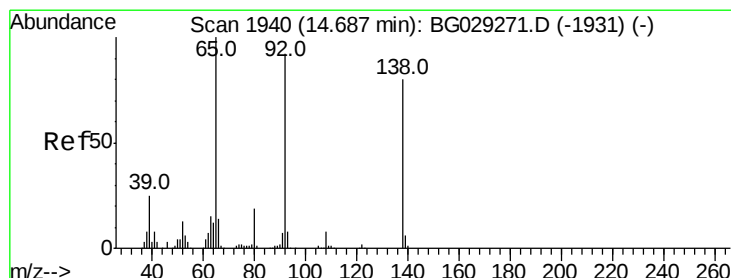
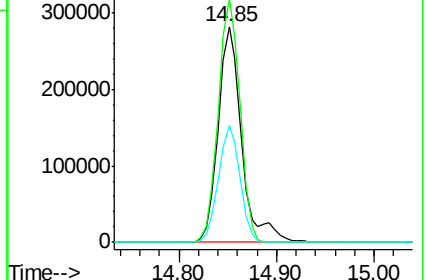
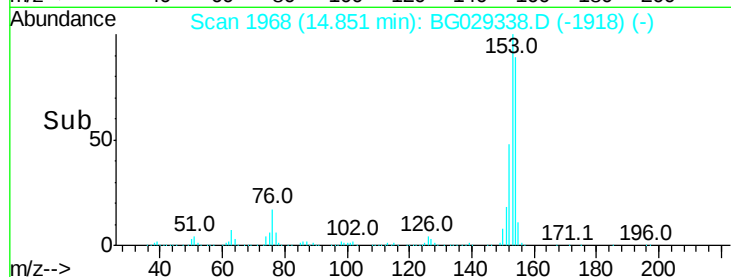
152 53.9 41.6 62.4



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: 47.215 ng

RT: 14.69 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

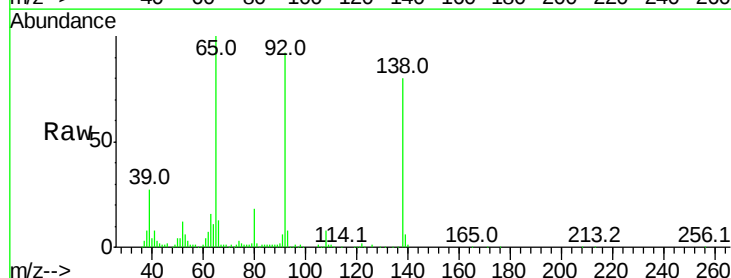
Tgt Ion:138 Resp: 141379

Ion Ratio Lower Upper

138 100

108 9.7 17.5 26.3#

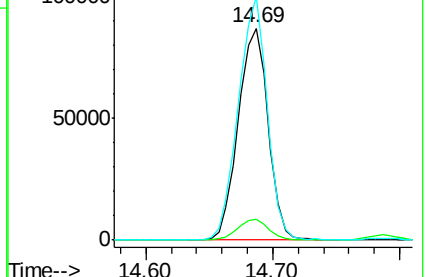
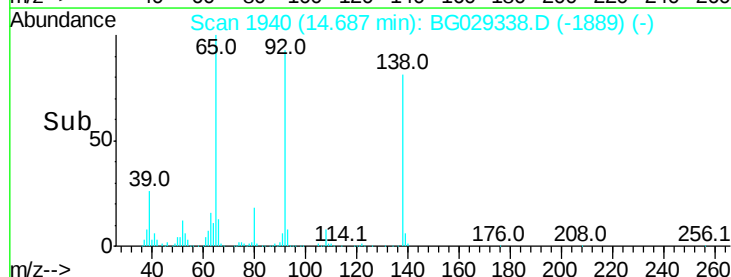
92 115.0 105.8 158.8

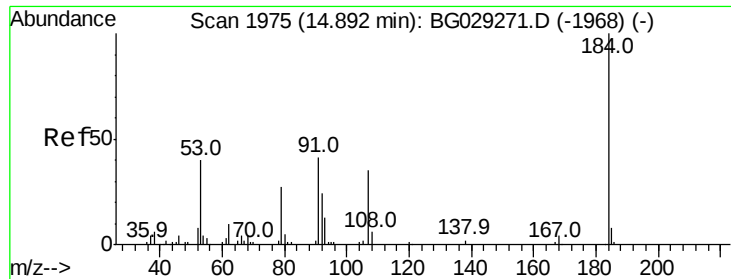


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

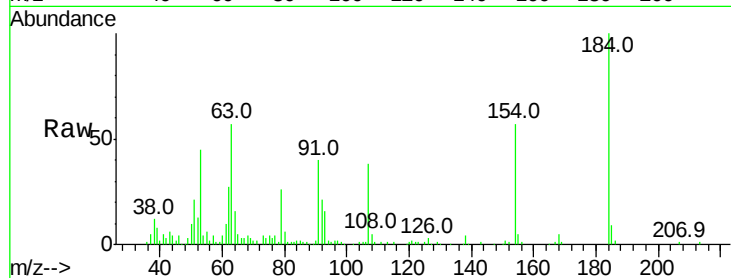




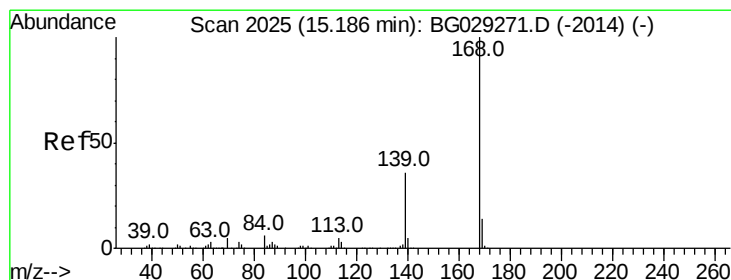
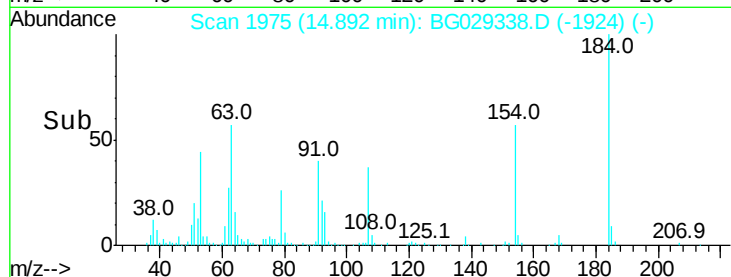
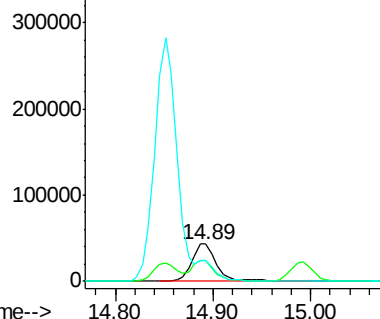
#53
 2,4-Dinitrophenol
 Concen: 52.784 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 76899
 Ion Ratio Lower Upper
 184 100
 63 57.1 59.8 89.8#
 154 57.4 101.8 152.8#

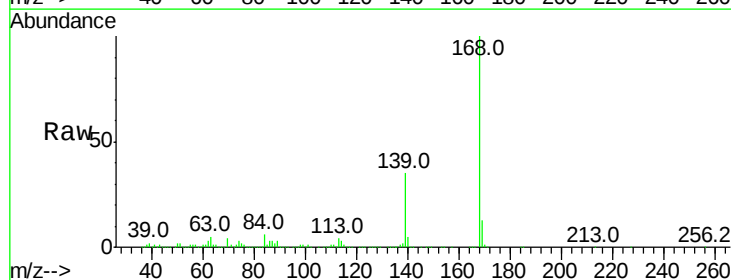


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

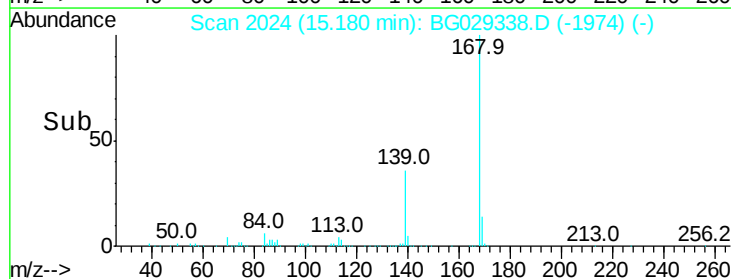
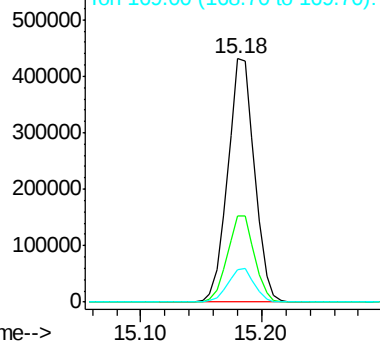


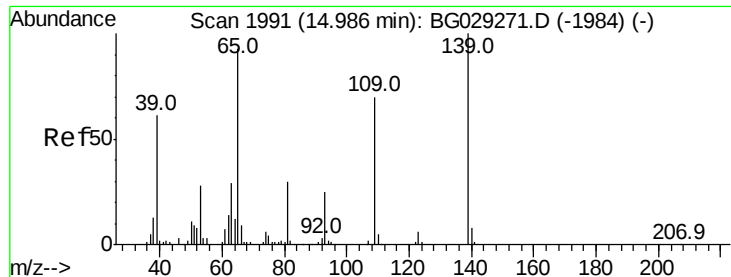
#54
 Dibenzofuran
 Concen: 42.840 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion:168 Resp: 662421
 Ion Ratio Lower Upper
 168 100
 139 35.5 28.6 43.0
 169 13.4 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

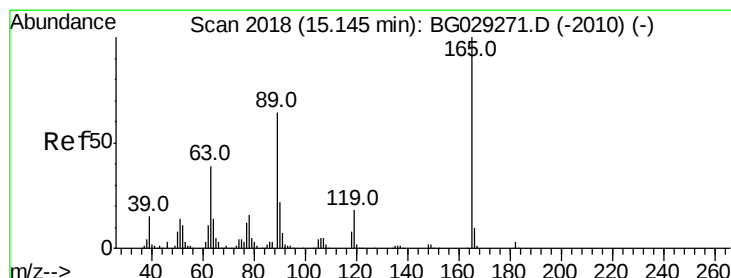
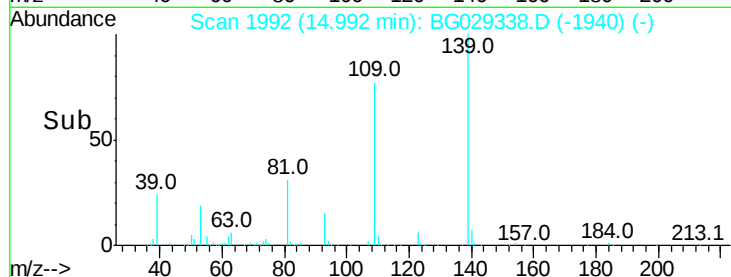
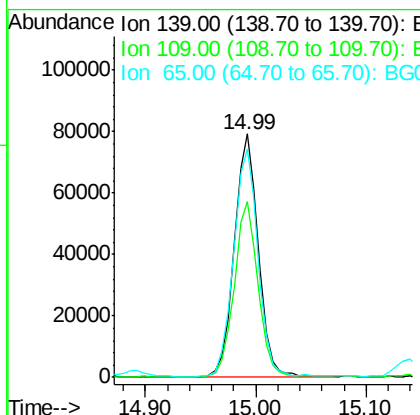
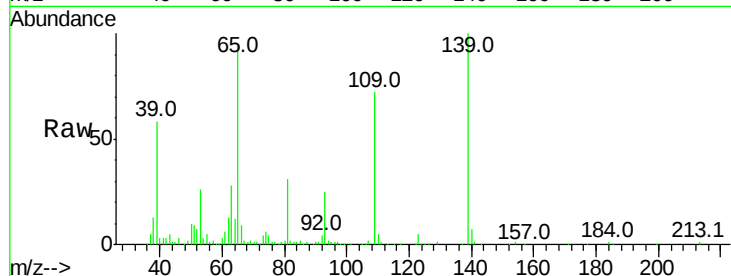




#55
4-Nitrophenol
Concen: 49.218 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

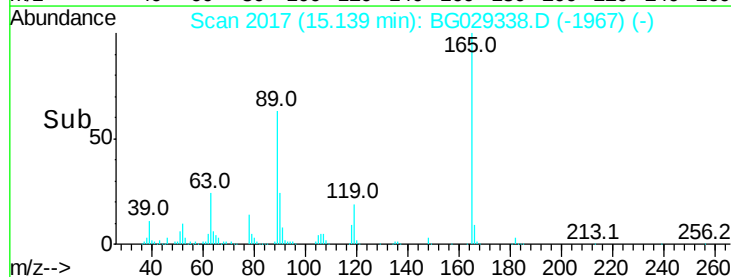
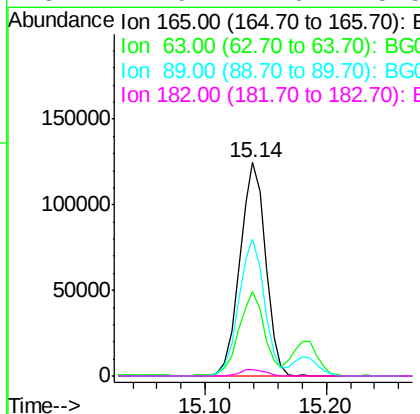
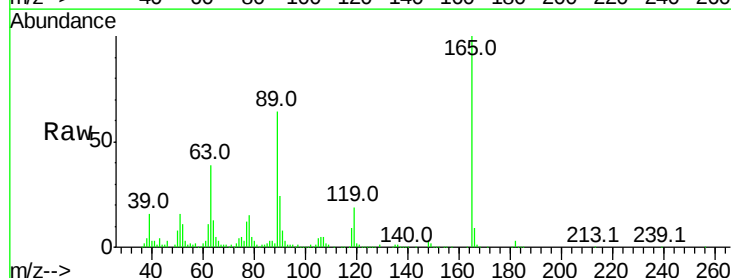
Instrument :
BNA_G
ClientSampleId :

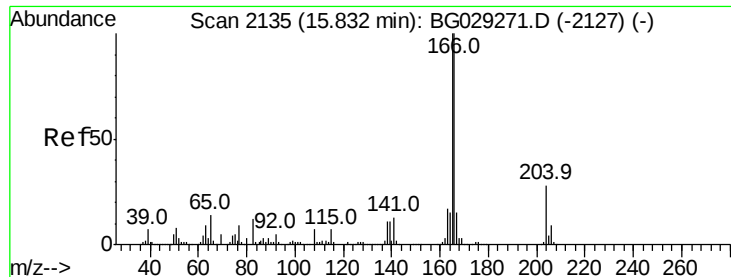
Tot Ion:139 Resp: 121501
Ion Ratio Lower Upper
139 100
109 71.9 62.2 102.2
65 93.8 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 49.137 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion:165 Resp: 184584
Ion Ratio Lower Upper
165 100
63 39.4 42.0 63.0#
89 64.2 66.9 100.3#
182 2.9 2.6 3.8





#57

Fluorene

Concen: 43.225 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampled :

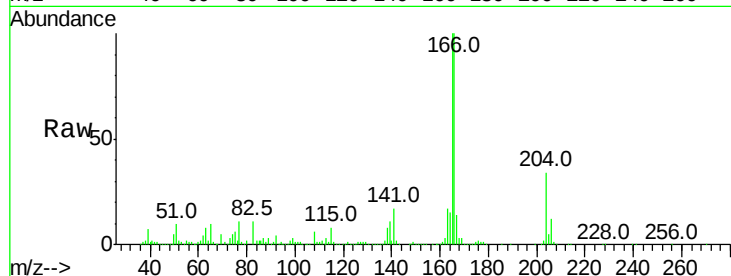
Tot Ion:166 Resp: 552143

Ion Ratio Lower Upper

166 100

165 99.7 80.6 121.0

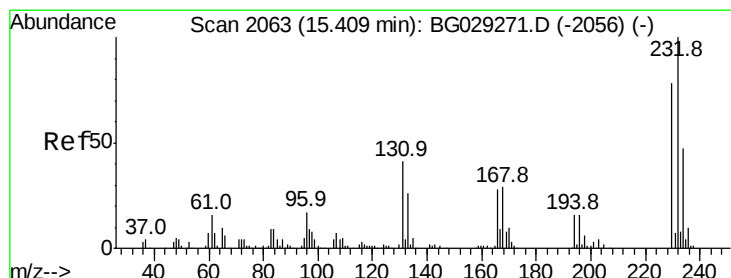
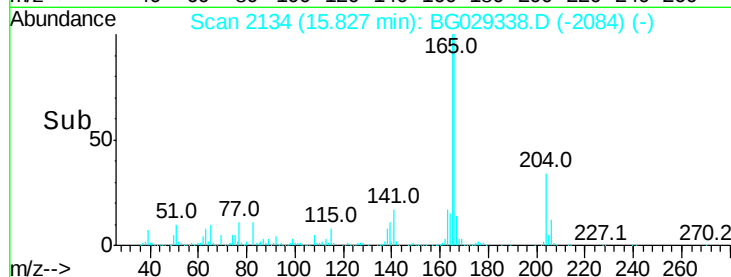
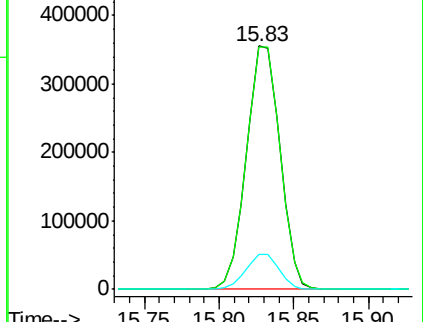
167 14.3 10.4 15.6



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: 48.464 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Tgt Ion:232 Resp: 161471

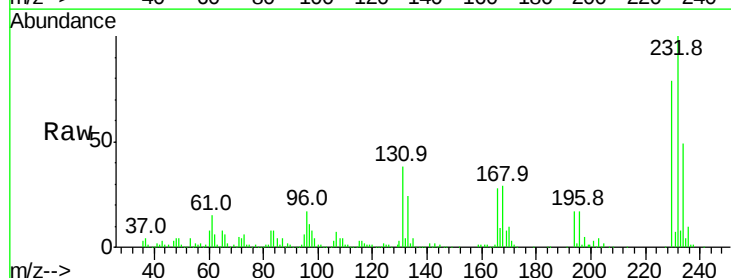
Ion Ratio Lower Upper

232 100

131 39.1 33.5 50.3

130 2.5 2.2 3.2

166 28.9 24.8 37.2

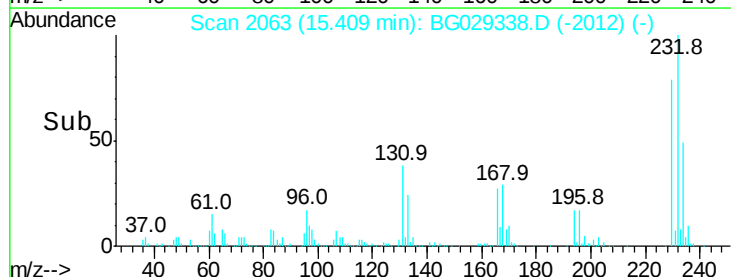
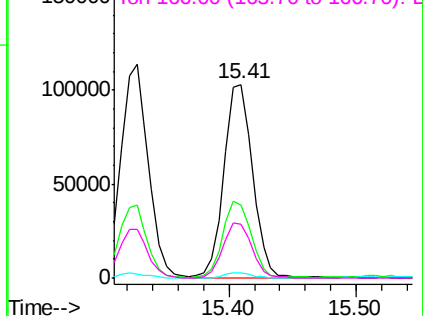


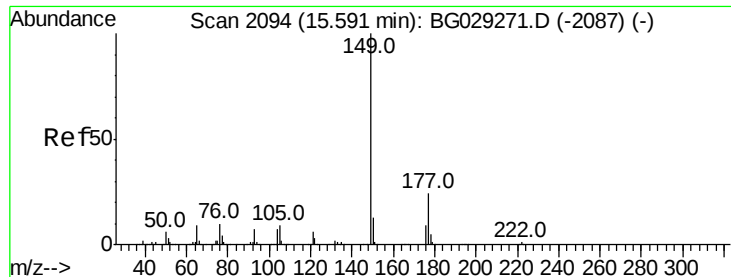
Abundance Ion 232.00 (231.70 to 232.70): E

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

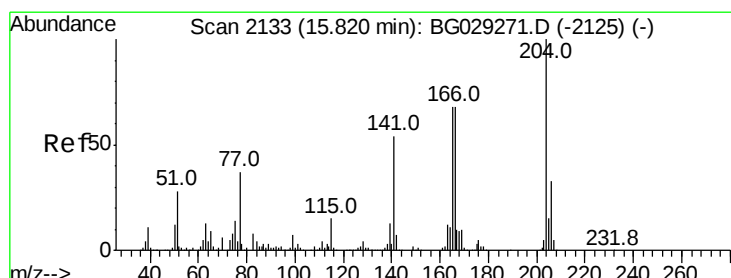
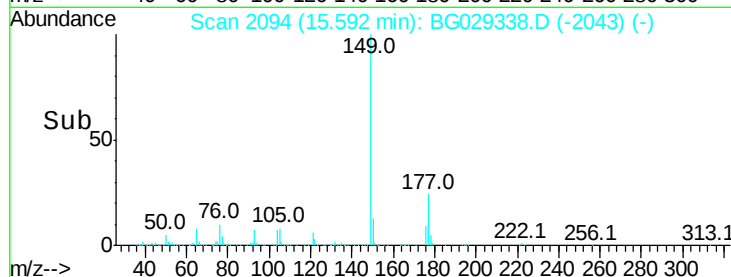
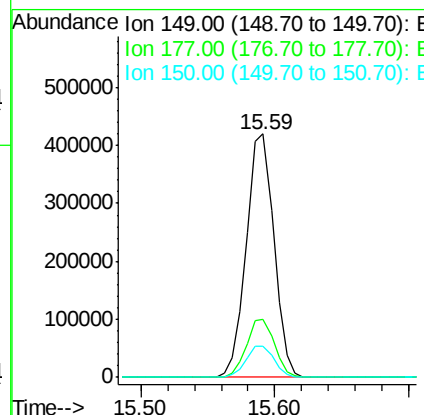
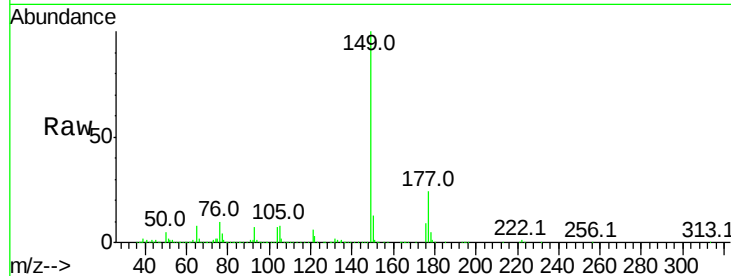




#59
Diethylphthalate
Concen: 45.321 ng
RT: 15.59 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

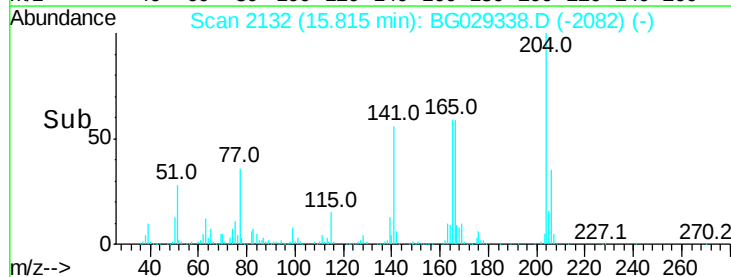
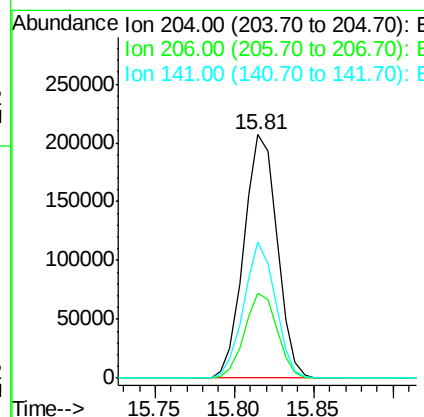
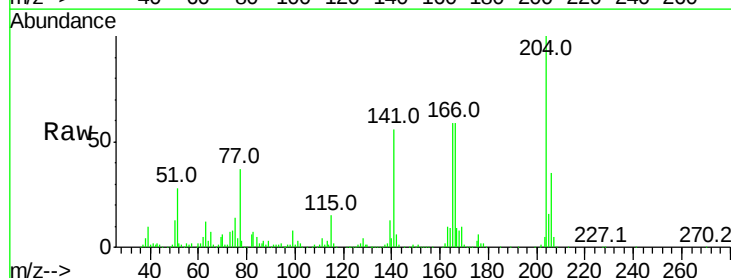
Instrument :
BNA_G
ClientSampleId :

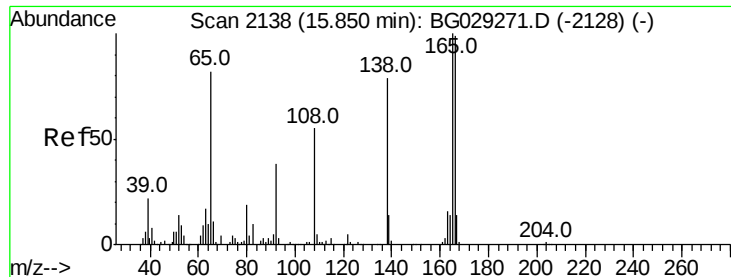
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.205 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.2	39.2
141	55.8	45.8	68.6

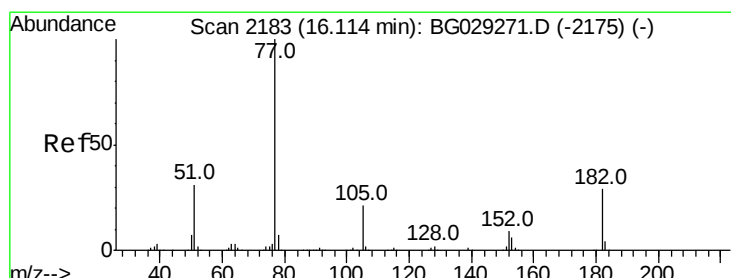
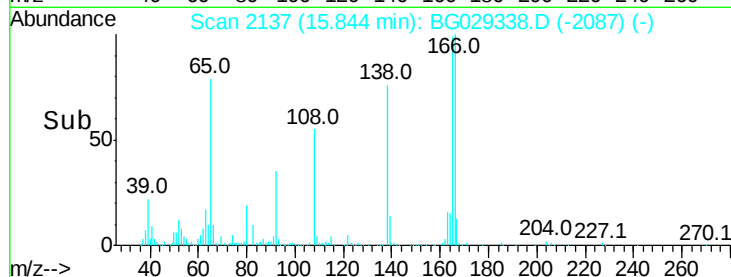
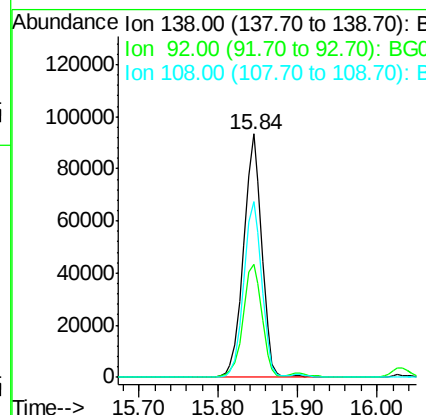
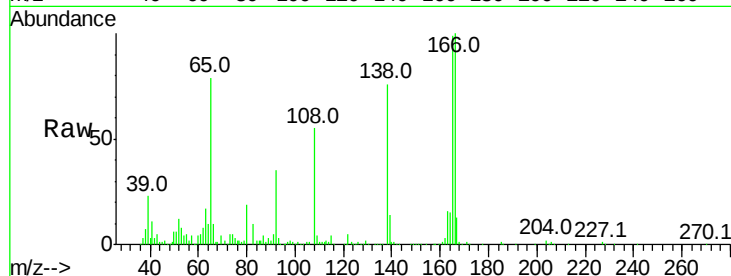




#61
4-Nitroaniline
Concen: 48.395 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

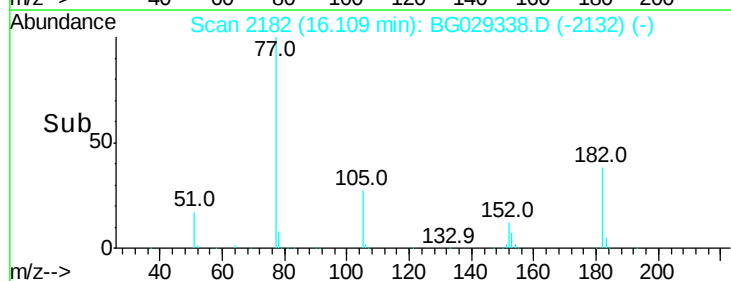
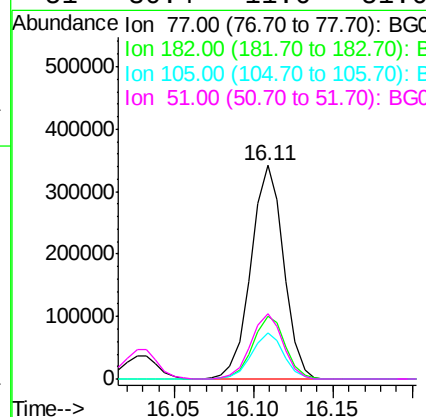
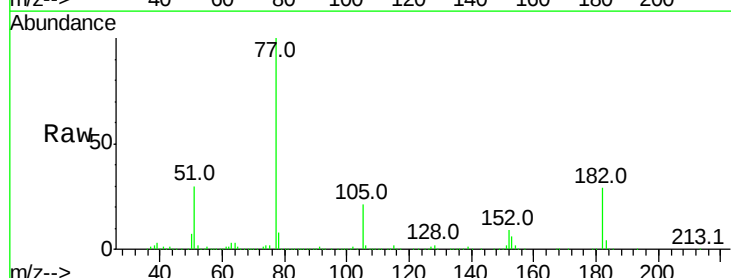
Instrument :
BNA_G
ClientSampleId :

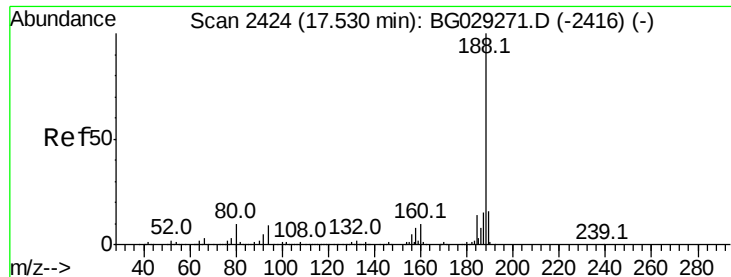
Tot Ion:138 Resp: 148802
Ion Ratio Lower Upper
138 100
92 46.5 40.1 80.1
108 72.0 65.4 105.4



#62
Azobenzene
Concen: 43.895 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion: 77 Resp: 488316
Ion Ratio Lower Upper
77 100
182 29.5 7.4 47.4
105 21.5 0.3 40.3
51 30.4 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: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

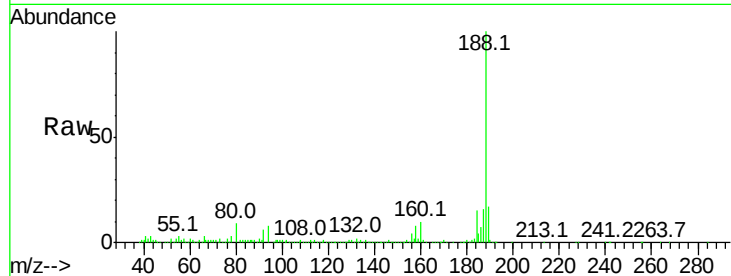
Tot Ion:188 Resp: 389771

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

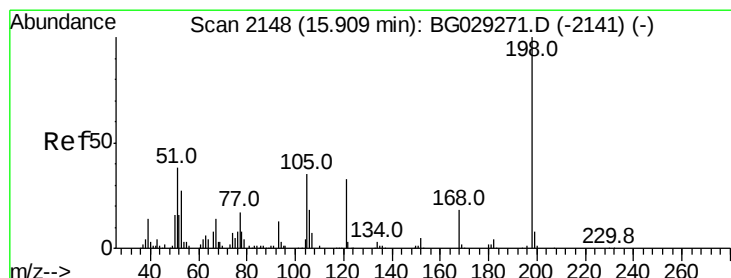
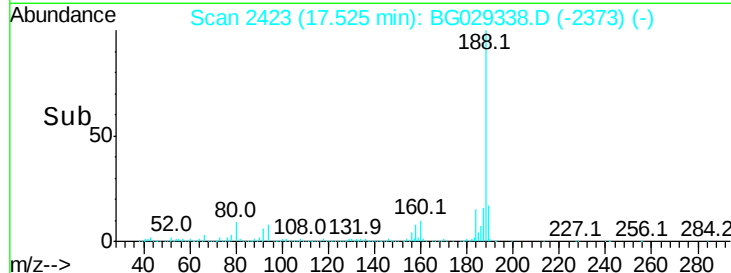
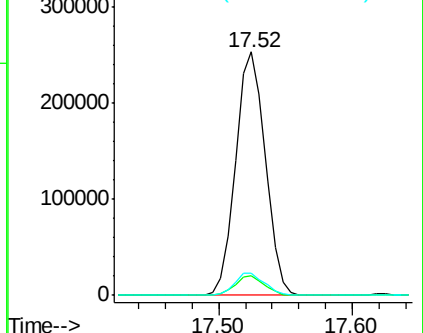
80 9.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 51.587 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

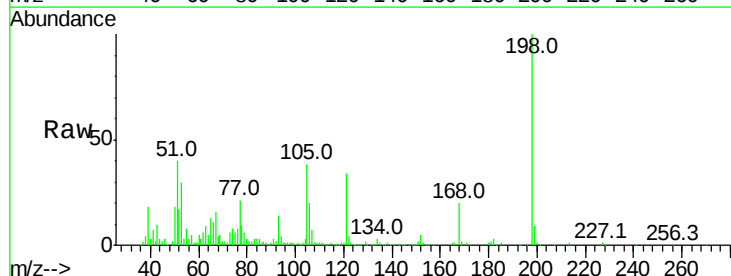
Tgt Ion:198 Resp: 115268

Ion Ratio Lower Upper

198 100

51 40.5 30.6 70.6

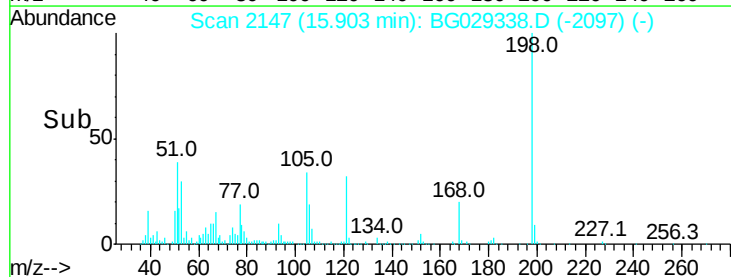
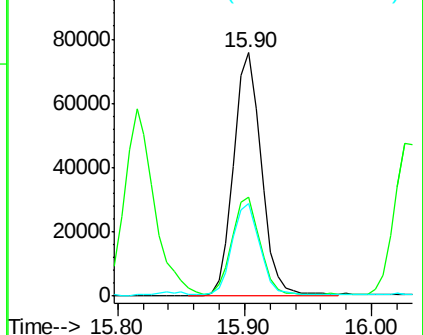
105 37.9 23.8 63.8

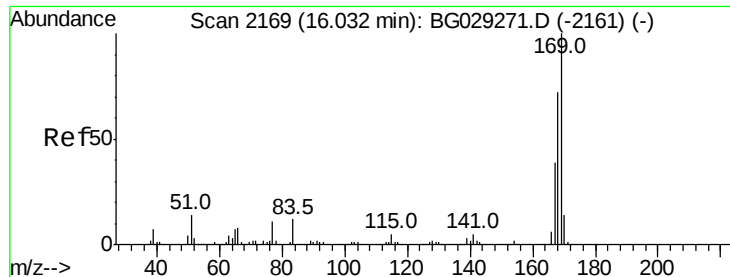


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.973 ng

RT: 16.03 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

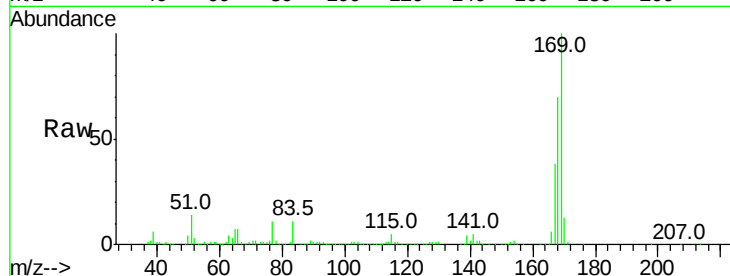
Tot Ion:169 Resp: 513422

Ion Ratio Lower Upper

169 100

168 69.8 55.7 83.5

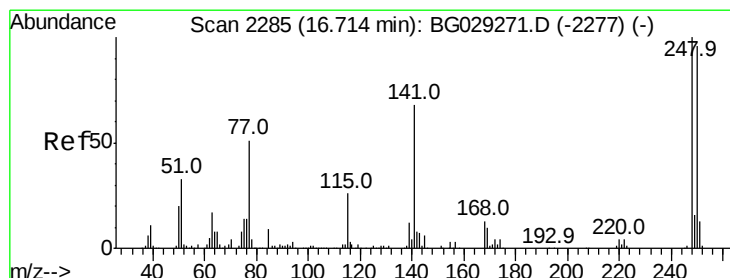
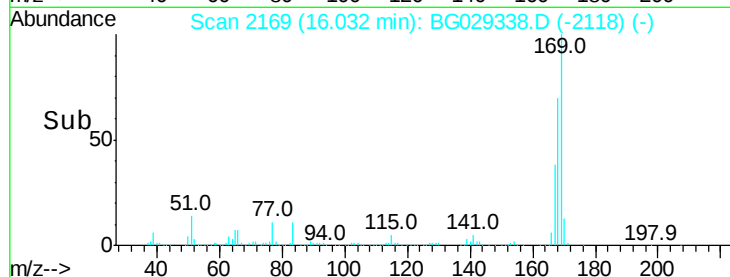
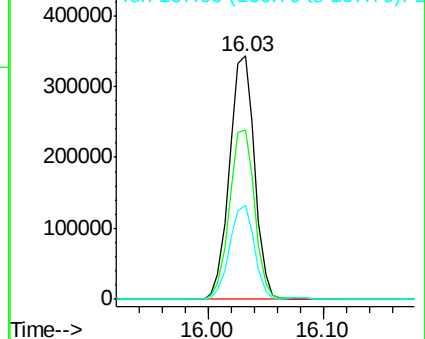
167 38.3 30.1 45.1



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: 44.624 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

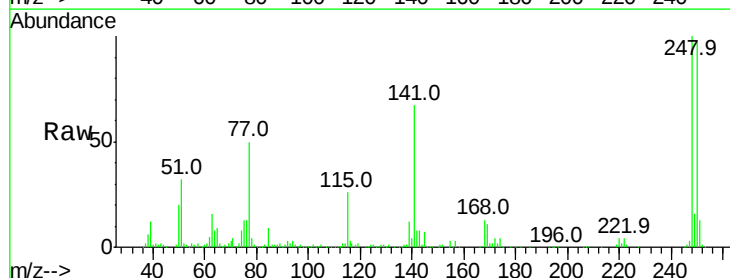
Tgt Ion:248 Resp: 199583

Ion Ratio Lower Upper

248 100

250 96.7 77.1 115.7

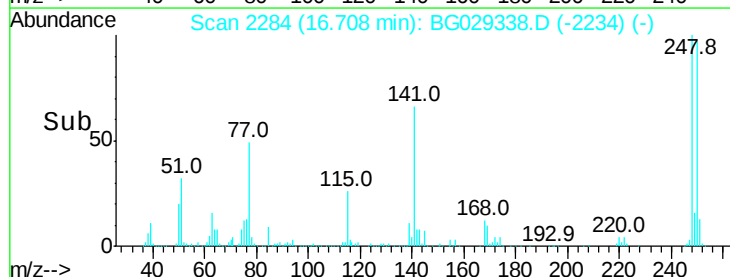
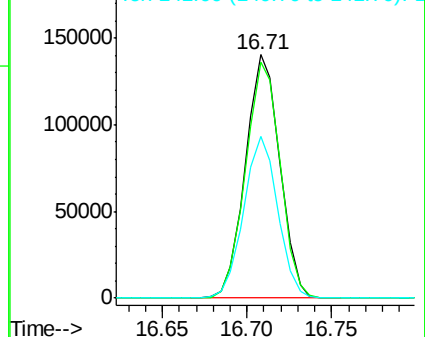
141 66.6 50.8 76.2

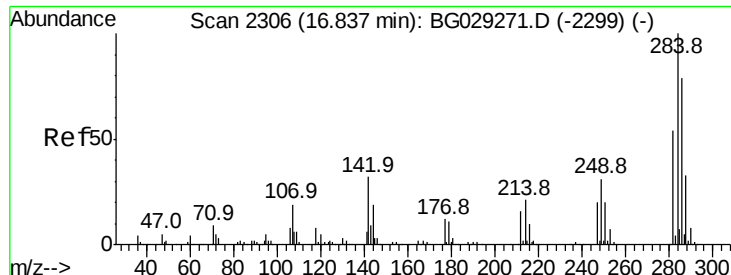


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.898 ng

RT: 16.84 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

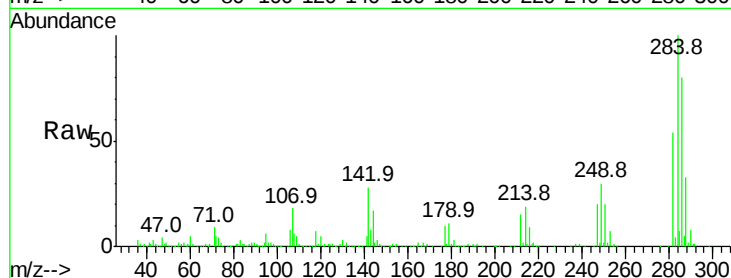
Tot Ion:284 Resp: 222394

Ion Ratio Lower Upper

284 100

142 27.9 26.8 40.2

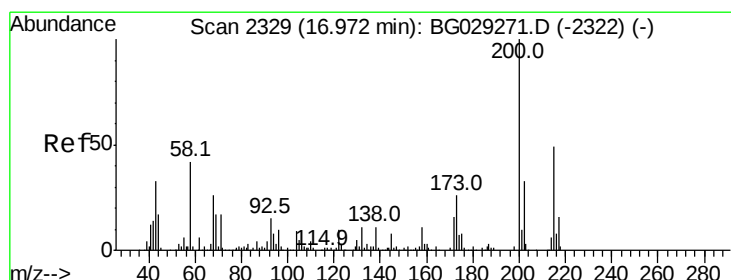
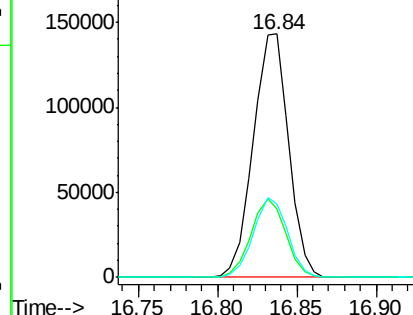
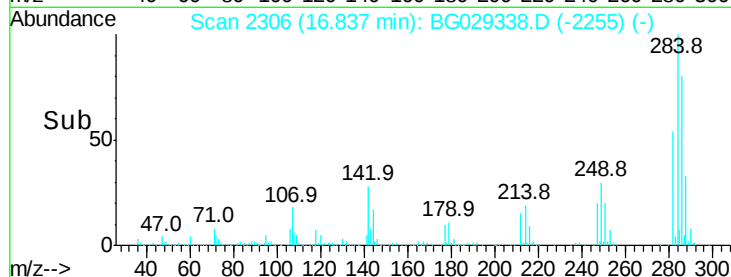
249 30.4 26.3 39.5



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: 46.608 ng

RT: 16.97 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

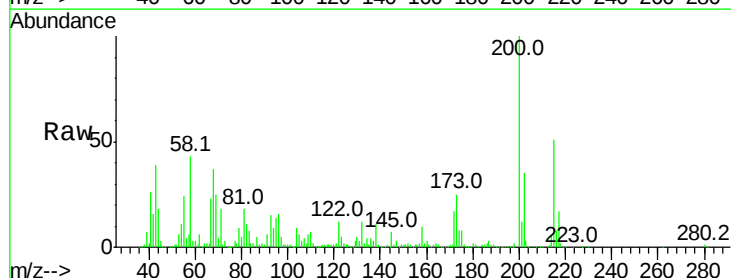
Tgt Ion:200 Resp: 194173

Ion Ratio Lower Upper

200 100

173 25.5 5.2 45.2

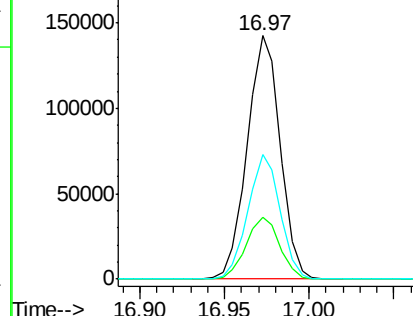
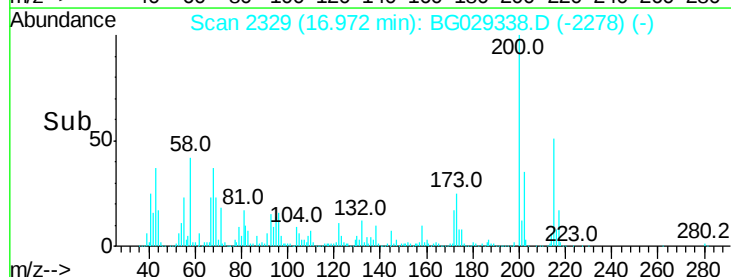
215 51.3 30.4 70.4

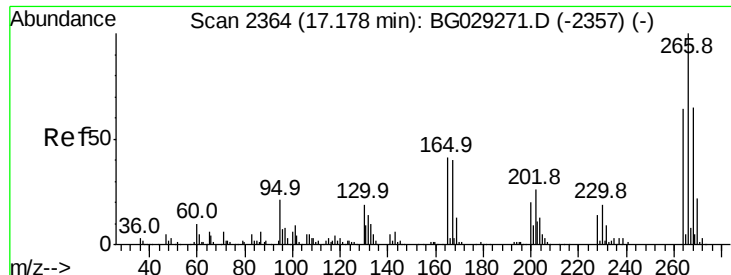


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 50.634 ng

RT: 17.17 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampled :

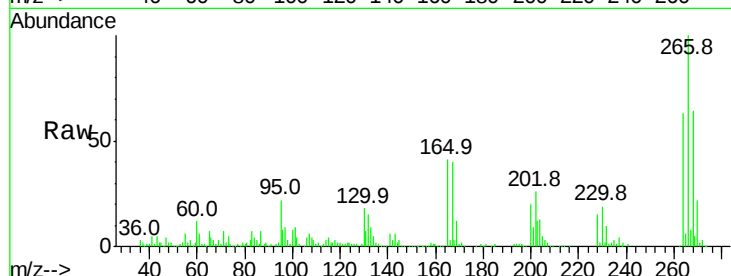
Tot Ion:266 Resp: 147358

Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

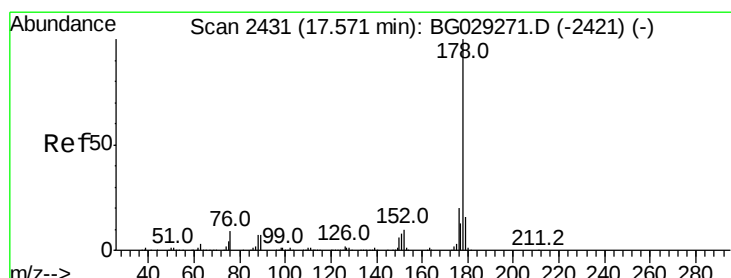
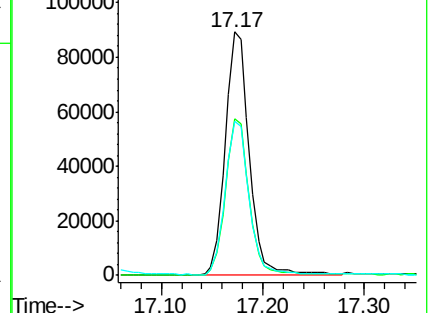
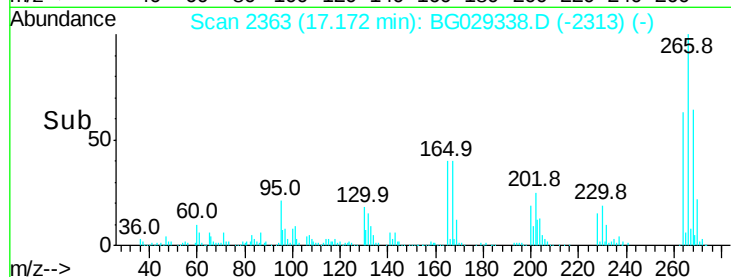
264 63.1 49.6 74.4



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: 41.879 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

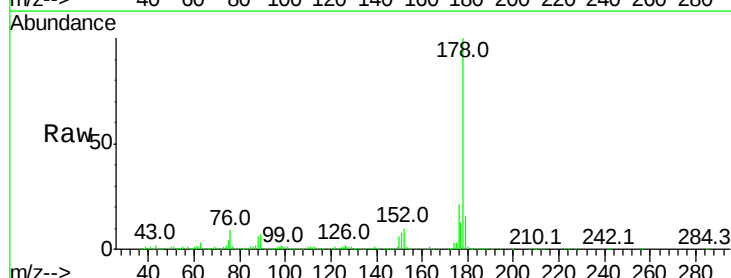
Tgt Ion:178 Resp: 843262

Ion Ratio Lower Upper

178 100

176 20.9 15.7 23.5

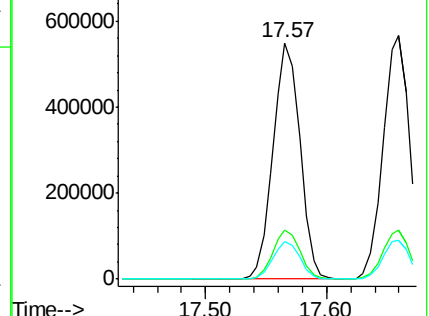
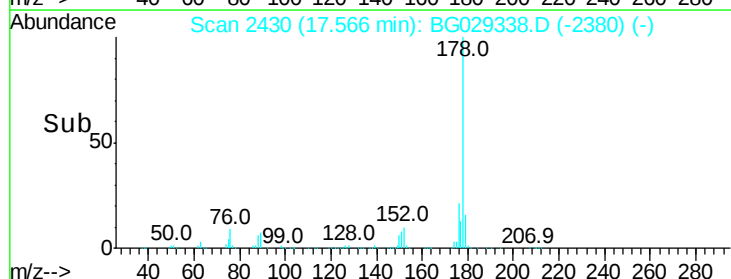
179 15.9 12.5 18.7

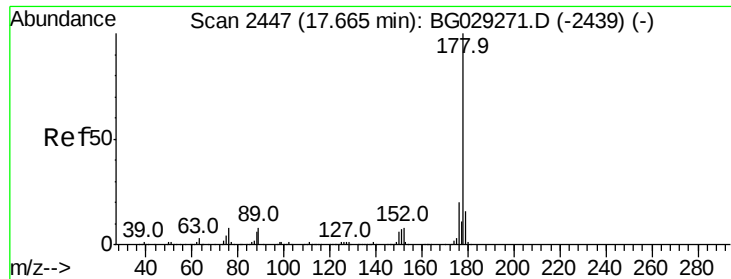


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



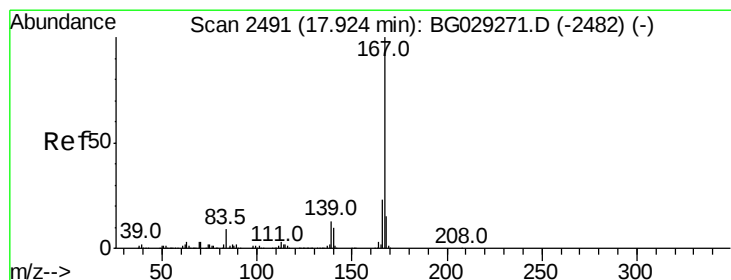
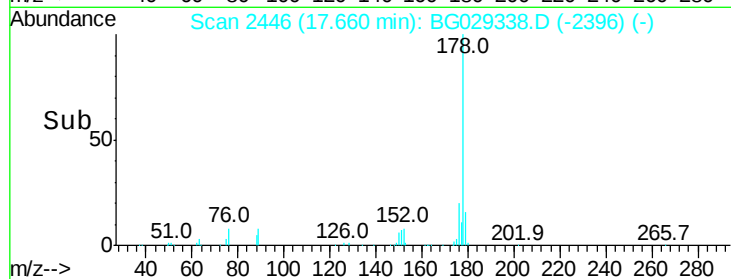
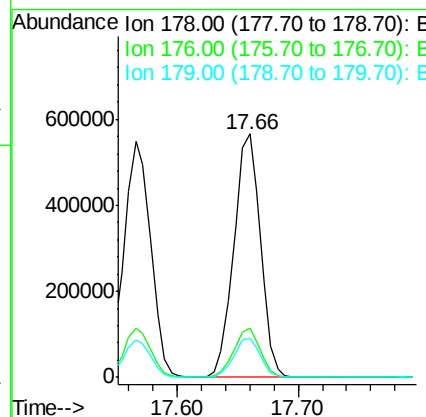
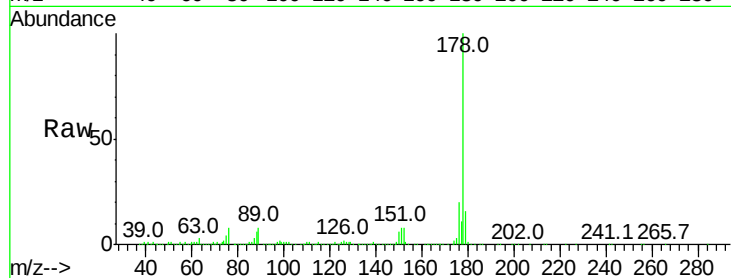


#71
 Anthracene
 Concen: 42.897 ng
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 867335

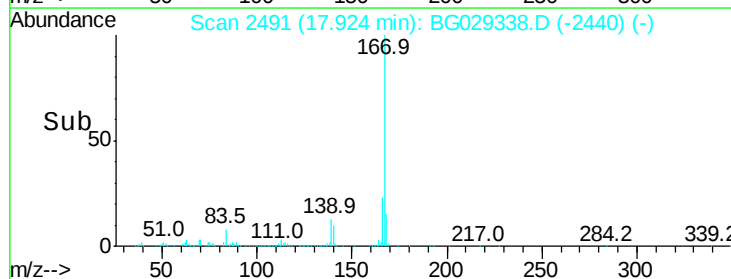
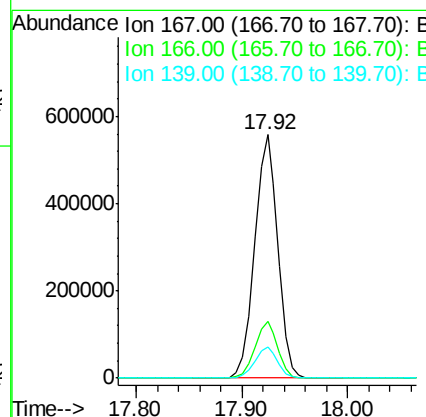
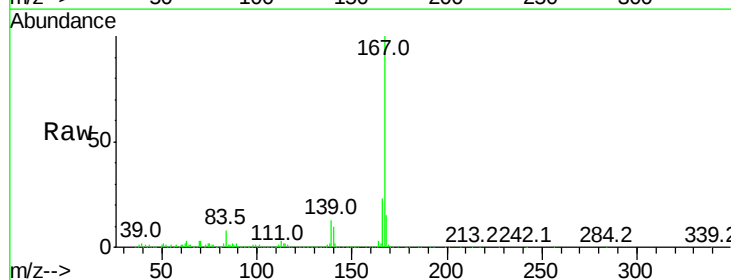
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	16.1	12.5	18.7

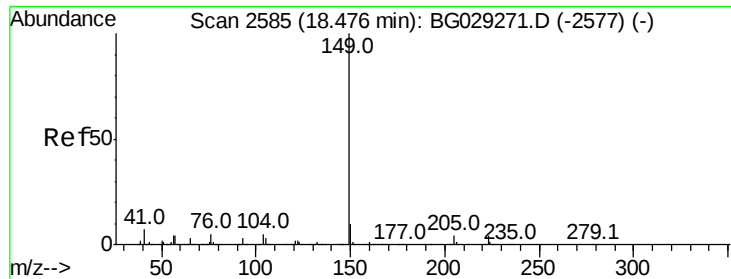


#72
 Carbazole
 Concen: 43.844 ng
 RT: 17.92 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion:167 Resp: 851565

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	12.7	9.4	14.2

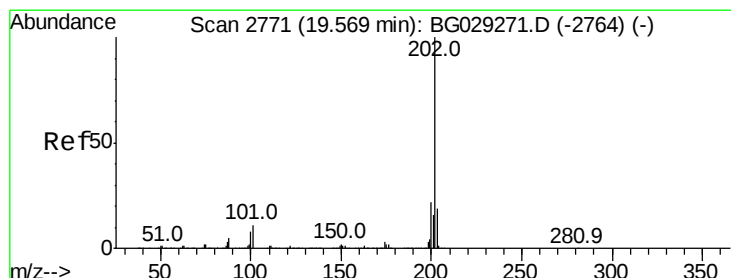
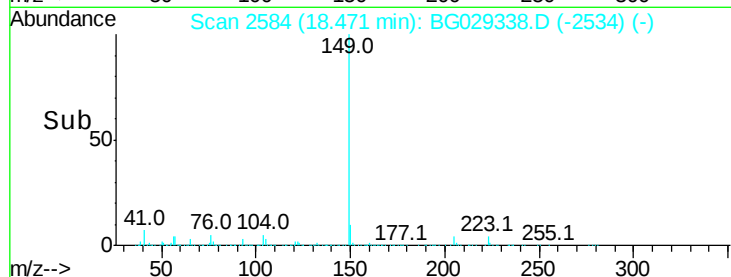
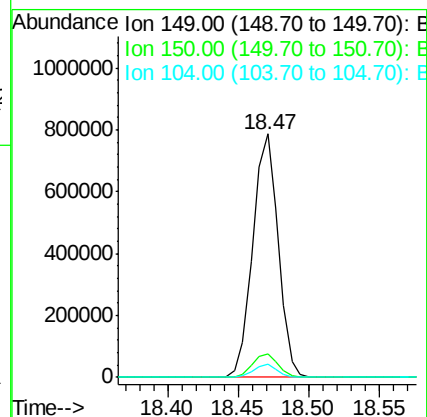
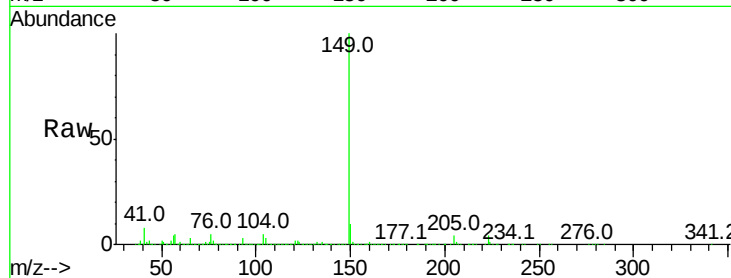




#73
Di-n-butylphthalate
Concen: 44.500 ng
RT: 18.47 min Scan# 2584
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

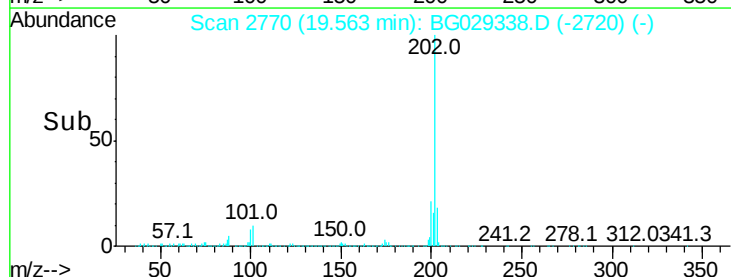
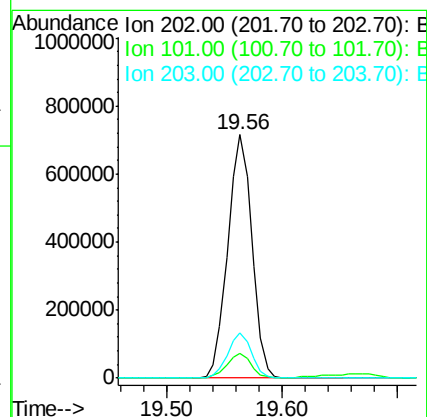
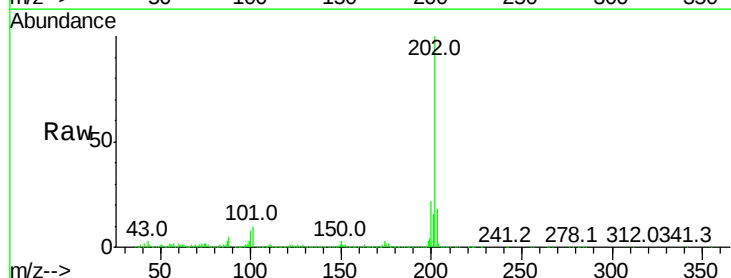
Instrument :
BNA_G
ClientSampled :

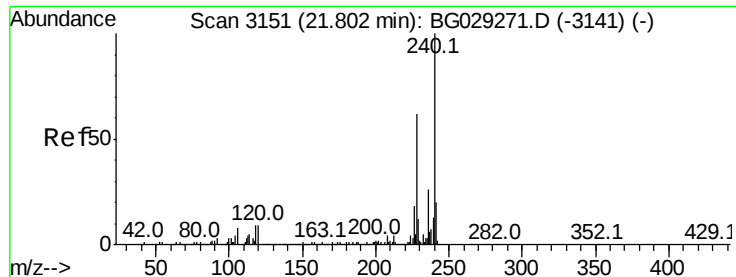
Tot Ion:149 Resp: 994061
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.2 3.9 5.9



#74
Fluoranthene
Concen: 43.890 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion:202 Resp: 1033667
Ion Ratio Lower Upper
202 100
101 9.9 0.0 28.9
203 18.4 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: BG029338.D

Acq: 18 Oct 2017 19:12

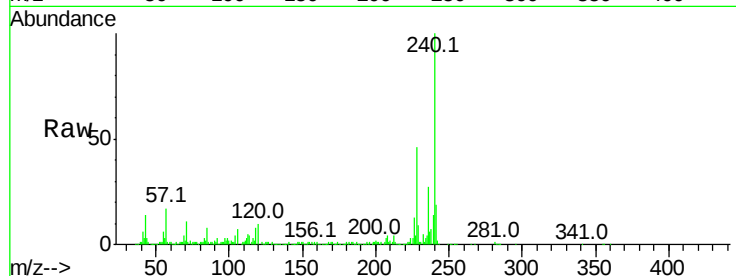
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 433198

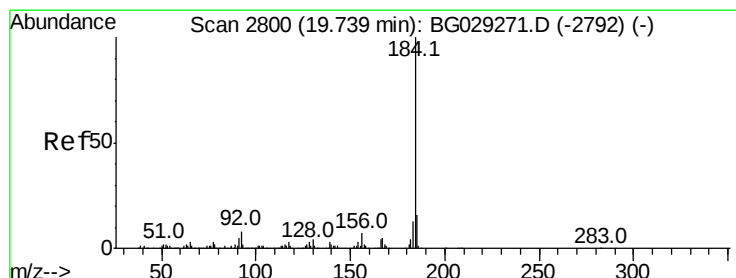
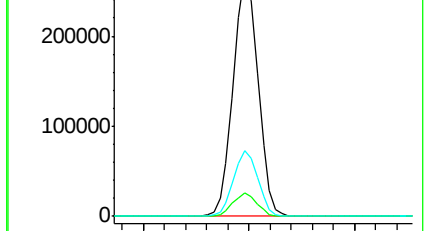
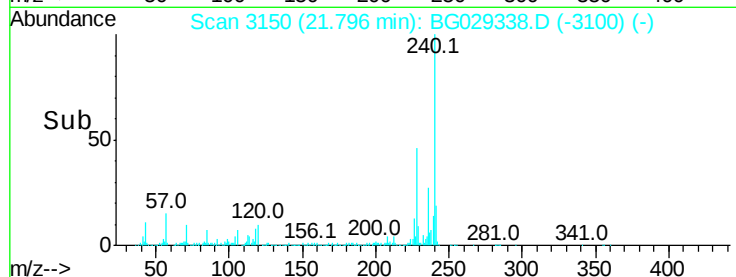
Ion	Ratio	Lower	Upper
240	100		
120	9.7	6.8	10.2
236	27.2	20.9	31.3



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: 32.418 ng

RT: 19.73 min Scan# 2799

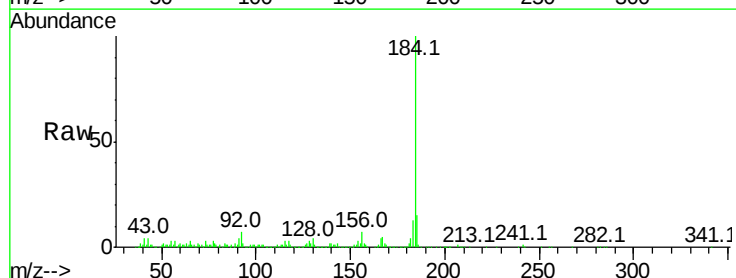
Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Tgt Ion:184 Resp: 424022

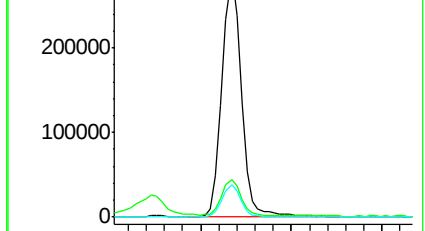
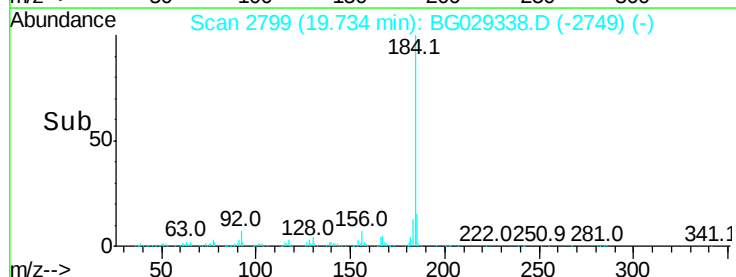
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	13.4	10.6	16.0

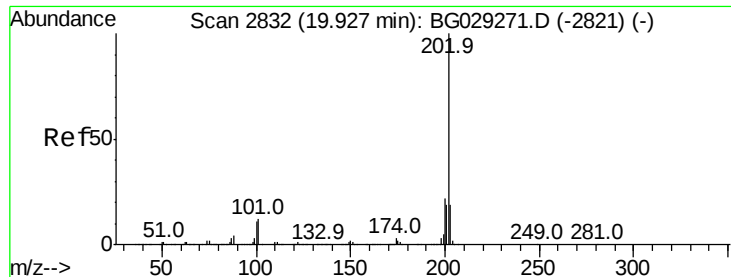


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.787 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

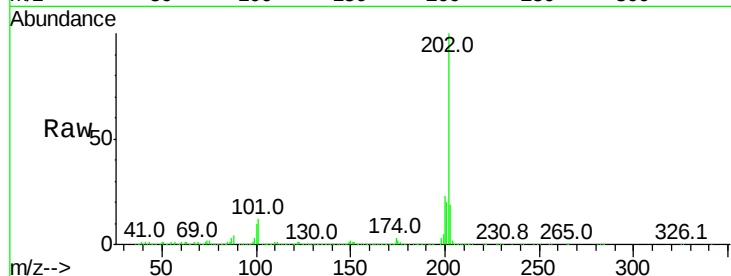
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1071816

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.7	13.9	20.9

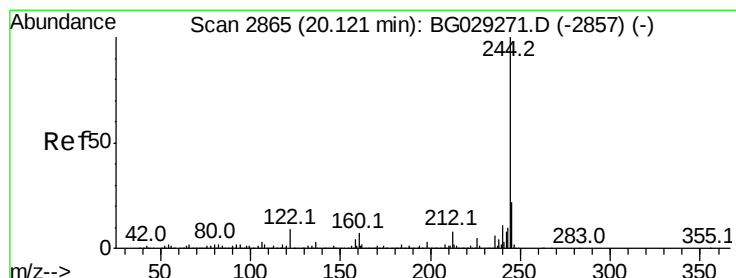
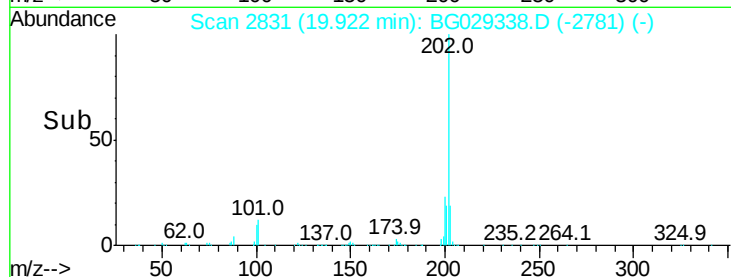
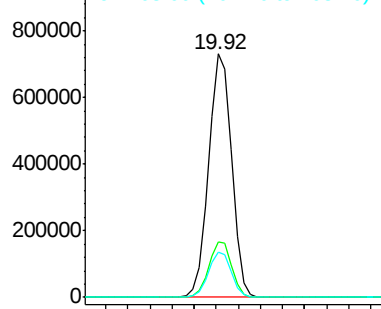


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.957 ng

RT: 20.12 min Scan# 2864

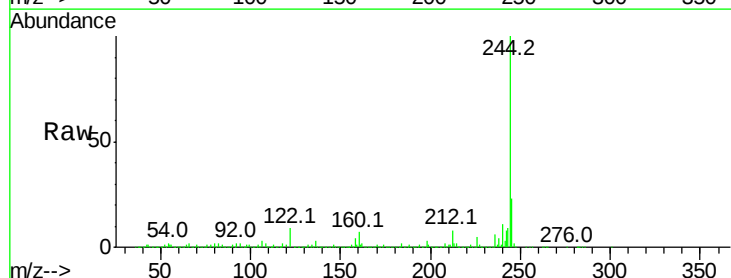
Delta R.T. -0.01 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Tgt Ion:244 Resp: 1598737

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.1	7.0	10.4

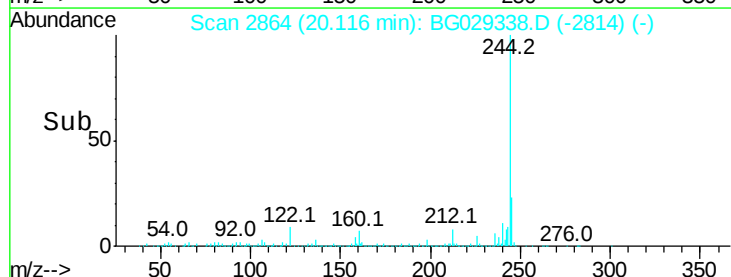
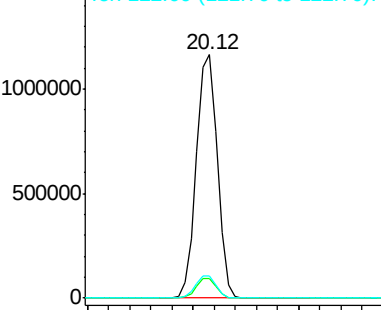


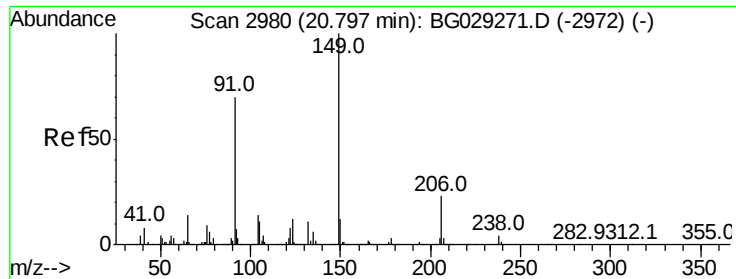
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

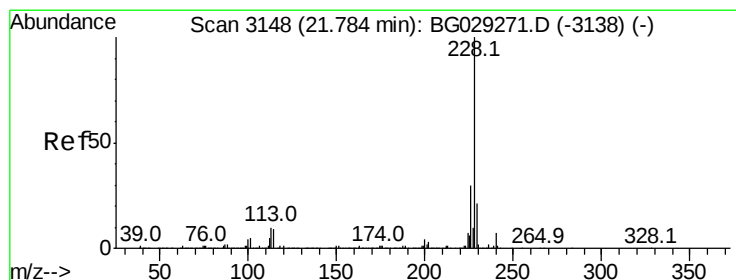
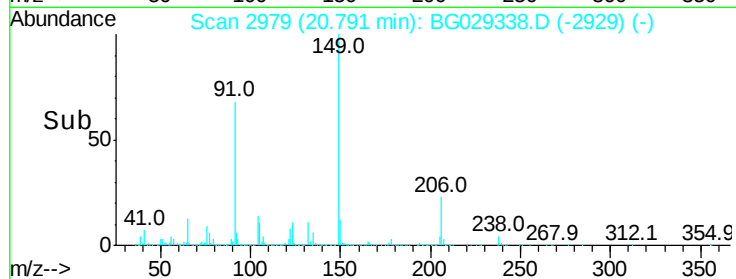
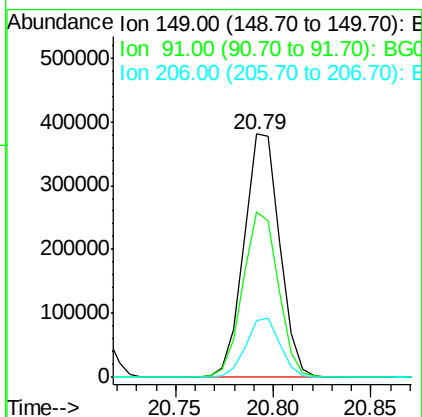
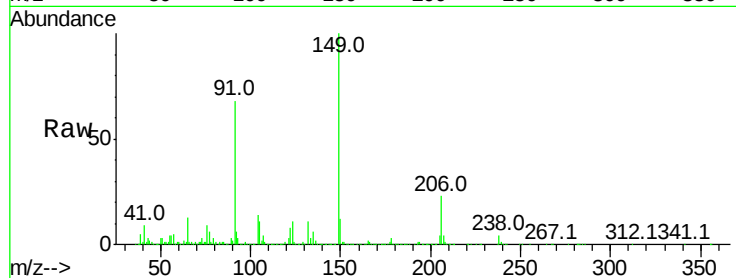




#79
Butylbenzylphthalate
Concen: 43.010 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

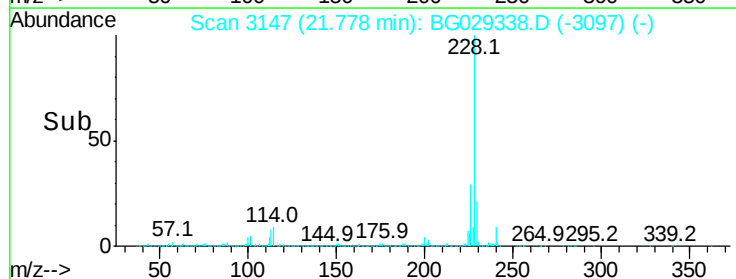
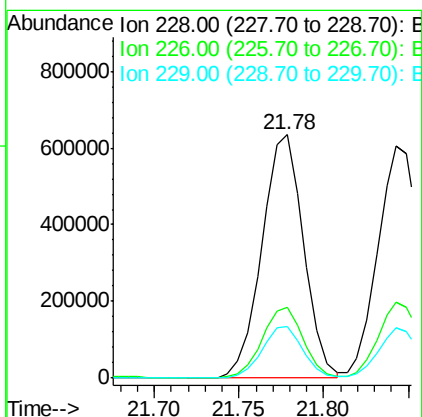
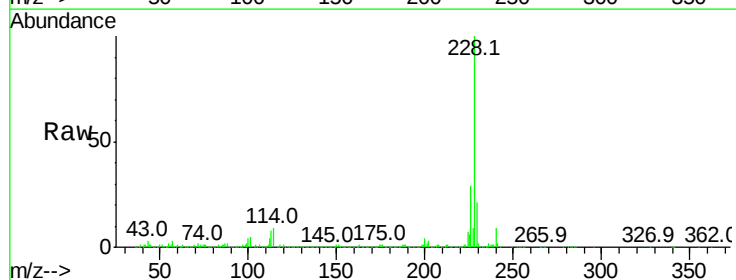
Instrument :
BNA_G
ClientSampleId :

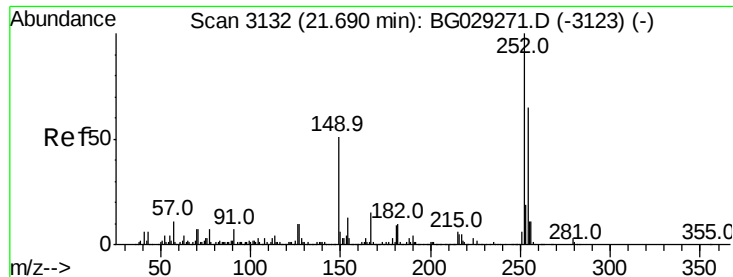
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	62.2	93.2
206	23.2	18.6	27.8



#80
Benzo(a)anthracene
Concen: 42.648 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.1	16.2	24.2

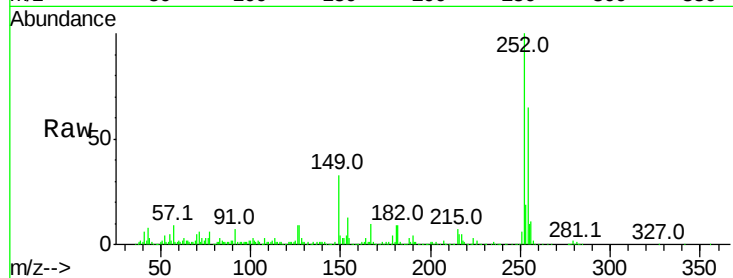




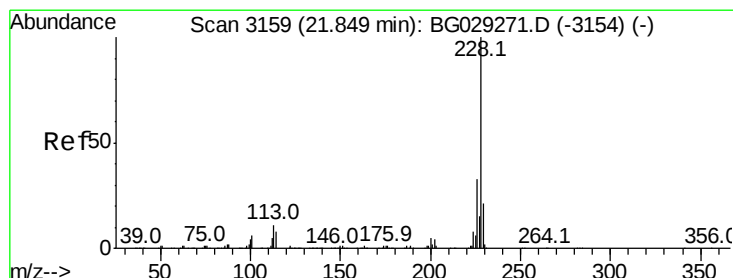
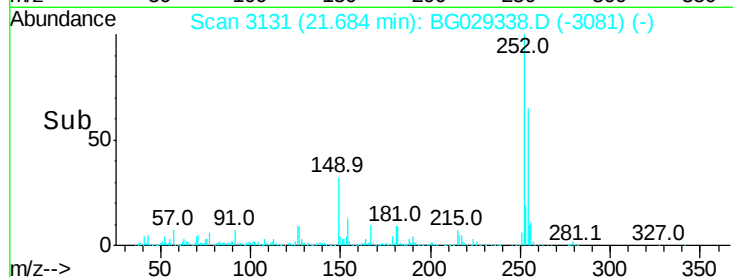
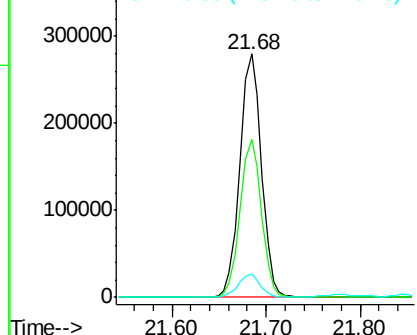
#81
 3,3'-Dichlorobenzidine
 Concen: 42.582 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 447023
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.8 76.2
 126 9.4 7.4 11.2

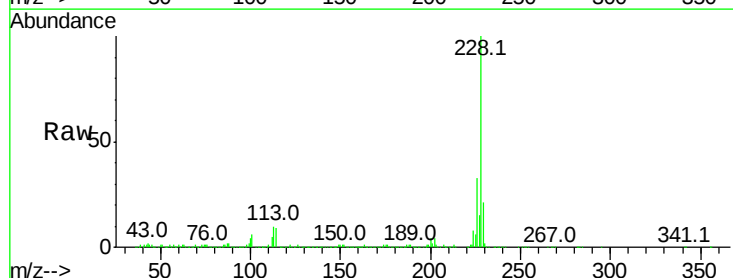


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

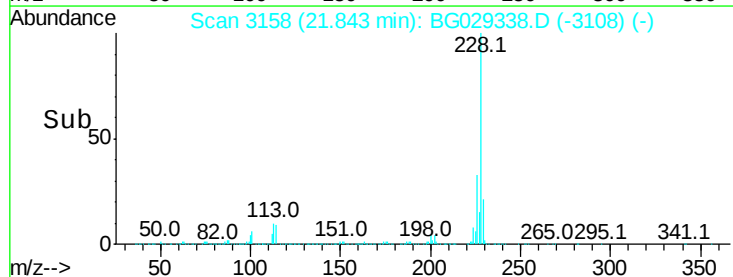
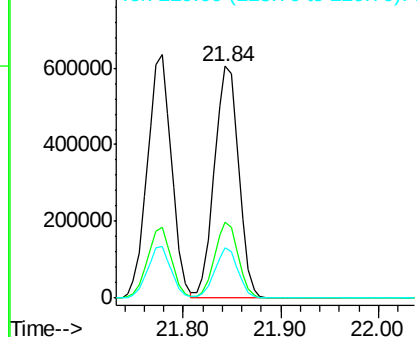


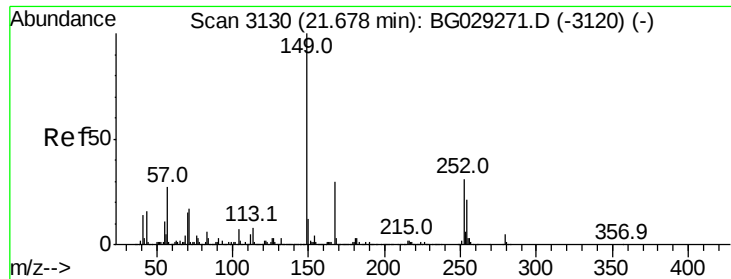
#82
 Chrysene
 Concen: 42.857 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion:228 Resp: 1043897
 Ion Ratio Lower Upper
 228 100
 226 33.0 24.9 37.3
 229 21.4 15.0 22.4



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

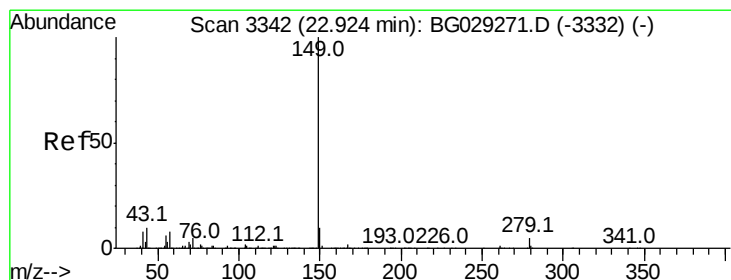
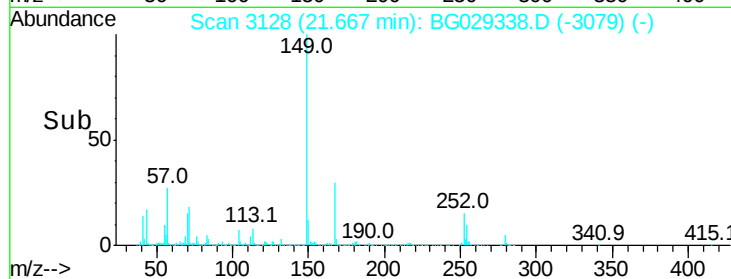
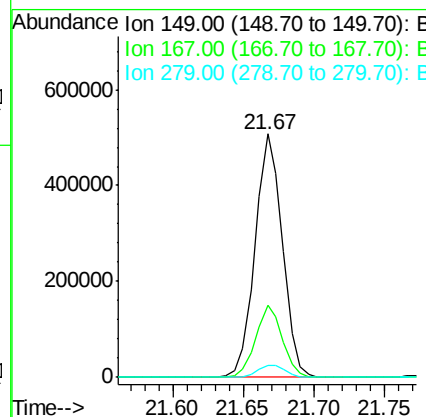
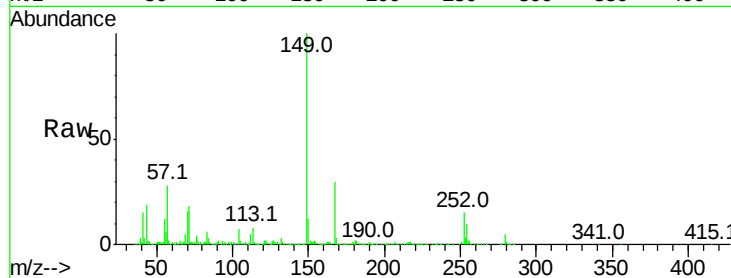




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.660 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

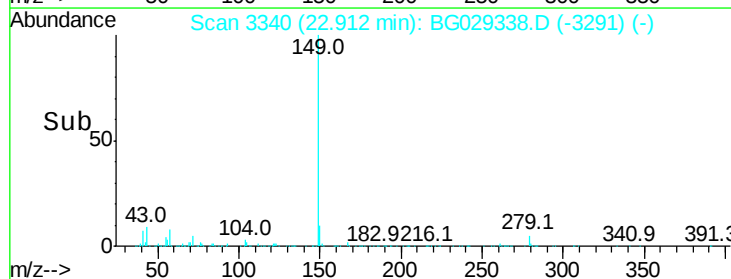
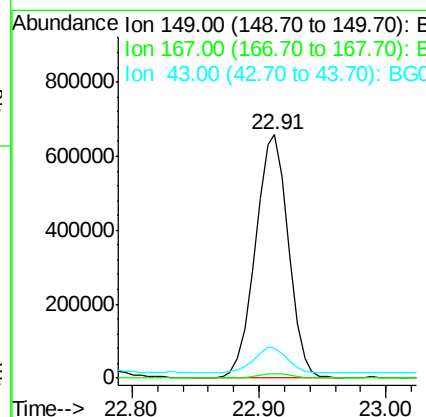
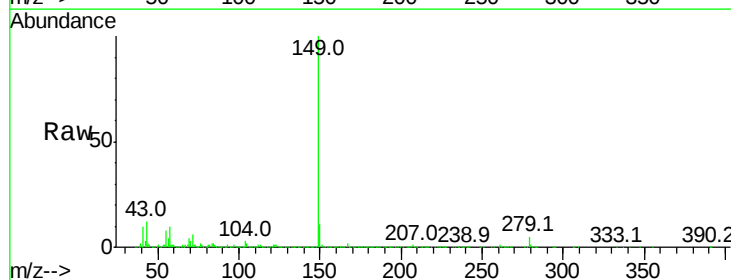
Instrument :
 BNA_G
 ClientSampleId :

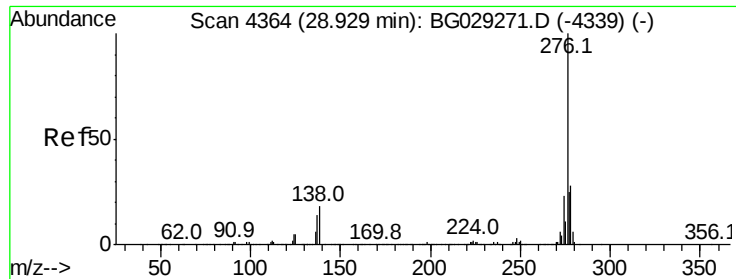
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.3	36.5
279	5.0	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 42.293 ng
 RT: 22.91 min Scan# 3340
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.6	8.9	13.3

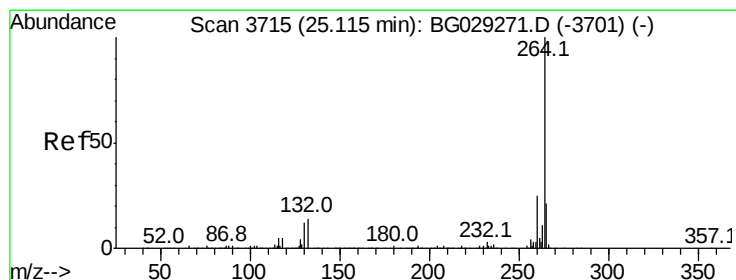
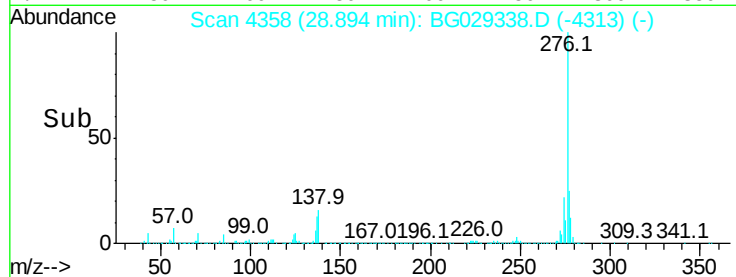
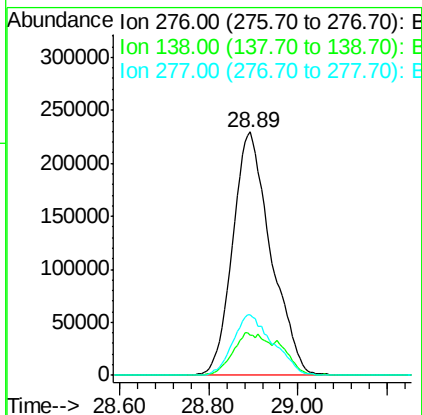
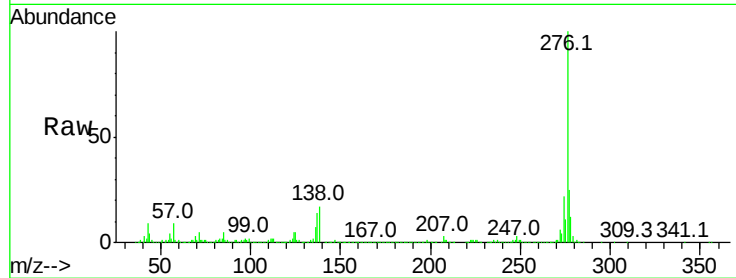




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.526 ng
 RT: 28.89 min Scan# 4358
 Delta R.T. -0.03 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

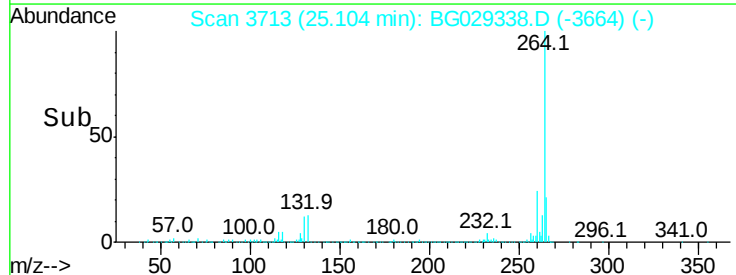
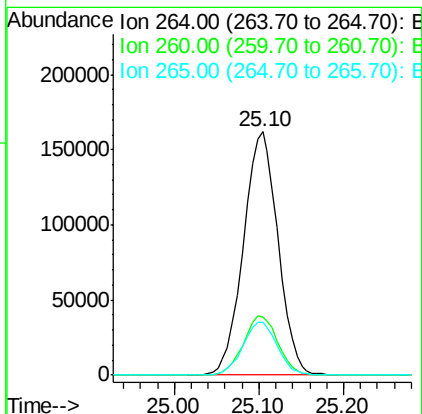
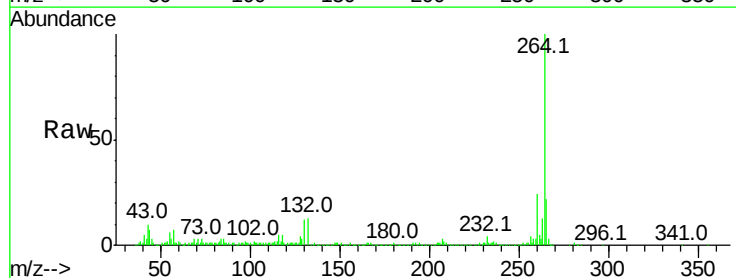
Instrument :
 BNA_G
 ClientSampleId :

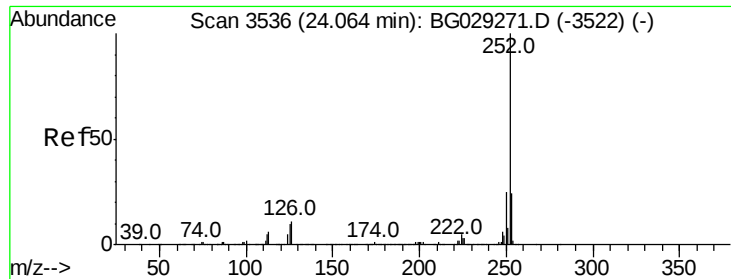
Tot Ion:276 Resp: 1364244
 Ion Ratio Lower Upper
 276 100
 138 15.4 16.0 24.0#
 277 26.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG029338.D
 Acq: 18 Oct 2017 19:12

Tgt Ion:264 Resp: 459934
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 21.7 17.7 26.5

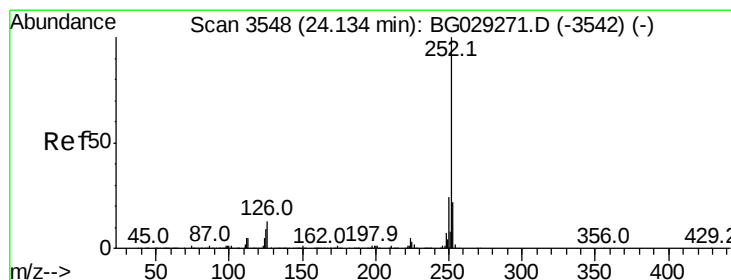
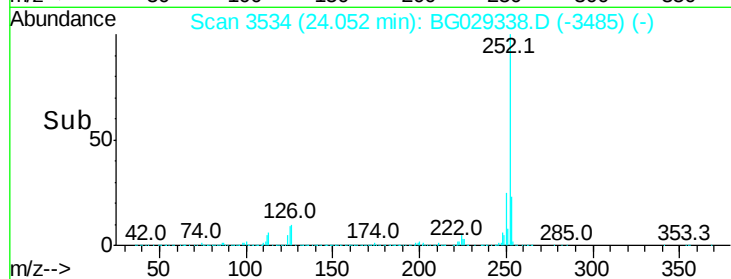
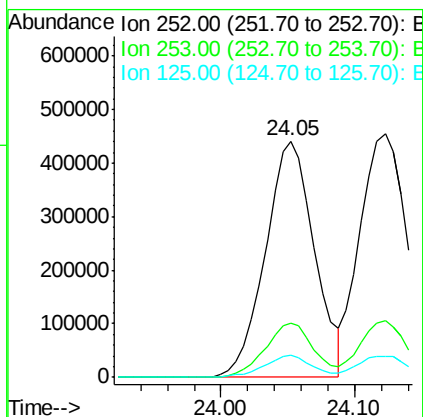
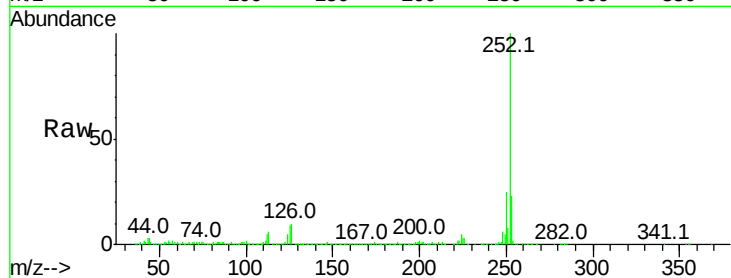




#87
Benzo(b)fluoranthene
Concen: 42.572 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

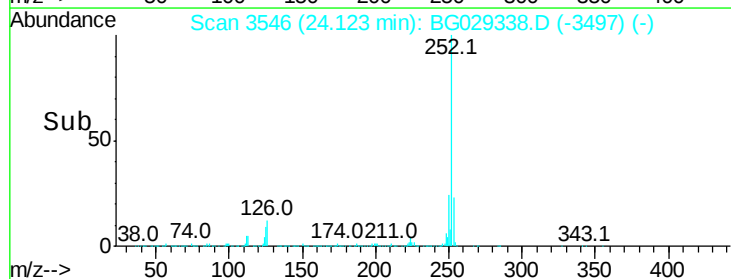
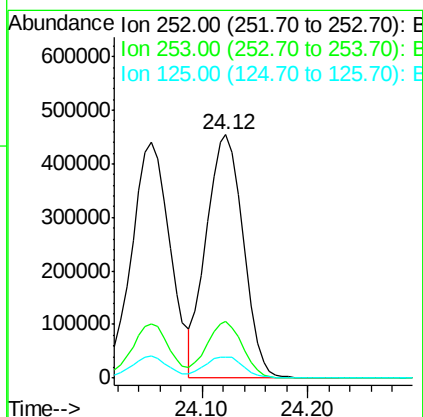
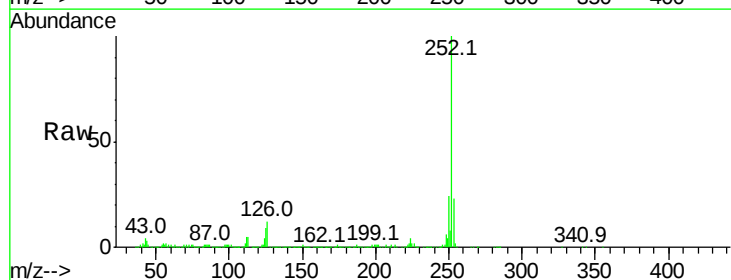
Instrument :
BNA_G
ClientSampleId :

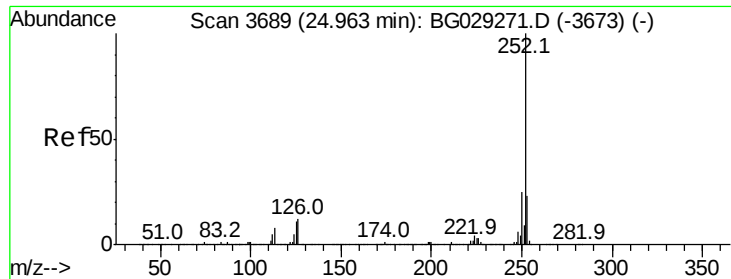
Tot Ion:252 Resp: 1120987
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 9.4 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 41.967 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG029338.D
Acq: 18 Oct 2017 19:12

Tgt Ion:252 Resp: 1100911
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 8.7 6.6 9.8





#89

Benzo(a)pyrene

Concen: 42.698 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

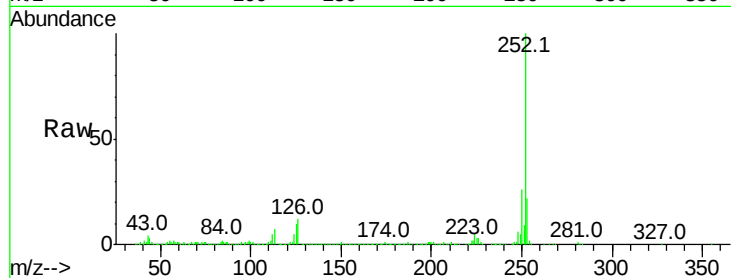
Tot Ion:252 Resp: 1080842

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

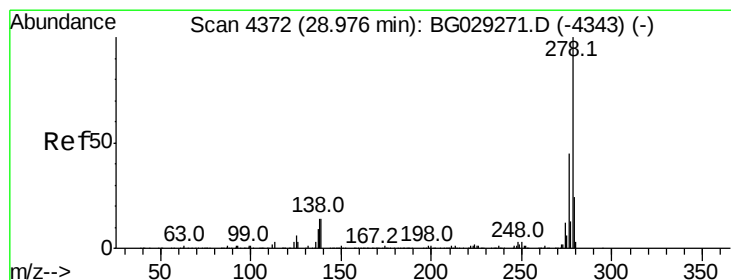
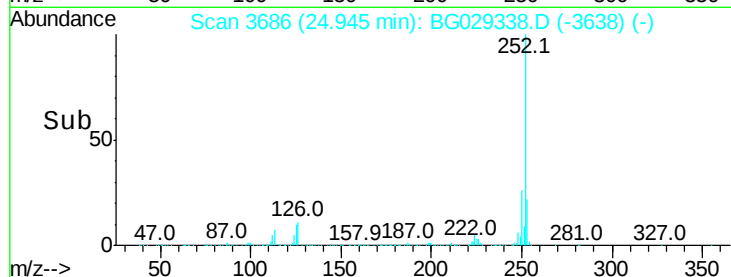
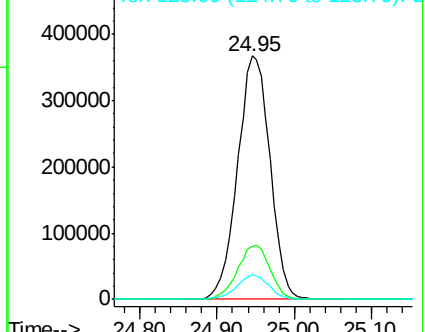
125 10.1 7.3 10.9



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: 44.243 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

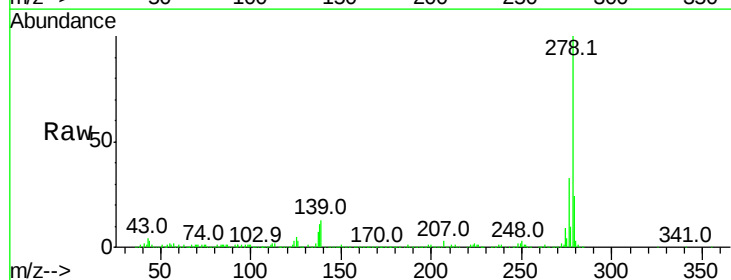
Tgt Ion:278 Resp: 1133855

Ion Ratio Lower Upper

278 100

139 12.7 9.8 14.6

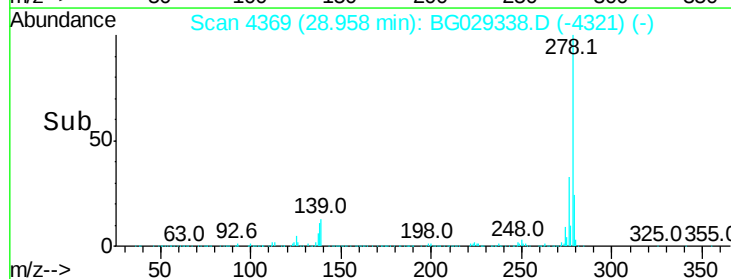
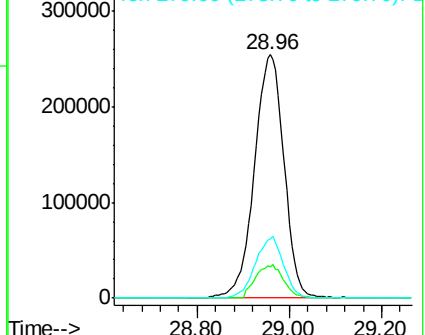
279 24.2 18.4 27.6

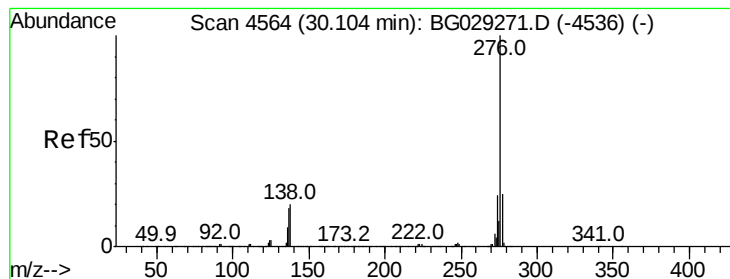


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.702 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.02 min

Lab File: BG029338.D

Acq: 18 Oct 2017 19:12

Instrument :

BNA_G

ClientSampleId :

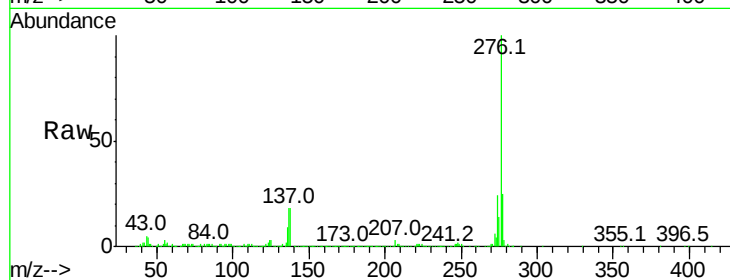
Tot Ion:276 Resp: 1112062

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 18.2 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

