

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029357.D
 Acq On : 19 Oct 2017 8:25
 Operator : SJ/JU
 Sample : PB103373BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:36:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55626	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	251807	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	169305	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	445712	20.00	ng	0.00
75) Chrysene-d12	21.80	240	498370	20.00	ng	0.00
86) Perylene-d12	25.10	264	511693	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	314358	94.41	ng	0.00
7) Phenol-d6	7.32	99	423183	90.54	ng	0.00
23) Nitrobenzene-d5	9.33	82	356106	89.87	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	225458	103.14	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	969862	84.02	ng	0.00
78) Terphenyl-d14	20.11	244	1837782	83.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	51498	38.118	ng	87
3) Pyridine	3.98	79	150159	38.167	ng	89
4) n-Nitrosodimethylamine	3.89	42	74279	40.390	ng	# 95
6) Aniline	7.48	93	182862	31.595	ng	97
8) 2-Chlorophenol	7.73	128	162301	42.524	ng	92
9) Benzaldehyde	7.29	77	54973	23.384	ng	90
10) Phenol	7.35	94	224465	44.547	ng	89
11) bis(2-Chloroethyl)ether	7.58	93	149914	40.835	ng	92
12) 1,3-Dichlorobenzene	8.05	146	171175	39.947	ng	96
13) 1,4-Dichlorobenzene	8.20	146	173588	39.678	ng	93
14) 1,2-Dichlorobenzene	8.52	146	162685	38.553	ng	97
15) Benzyl Alcohol	8.40	79	151945	46.131	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	247376	39.677	ng	95
17) 2-Methylphenol	8.60	107	150058	44.830	ng	97
18) Hexachloroethane	9.26	117	60551	40.614	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	127091	39.991	ng	# 96
20) 3+4-Methylphenols	8.93	107	207719	44.041	ng	96
22) Acetophenone	8.99	105	238753	39.344	ng	# 94
24) Nitrobenzene	9.37	77	180566	40.528	ng	# 91
25) Isophorone	9.90	82	356437	43.089	ng	# 92
26) 2-Nitrophenol	10.09	139	93049	43.697	ng	92
27) 2,4-Dimethylphenol	10.14	122	172549	44.787	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	219856	43.343	ng	96
29) 2,4-Dichlorophenol	10.63	162	184805	44.983	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	179561	40.455	ng	95
31) Naphthalene	11.03	128	501033	39.924	ng	98
32) Benzoic acid	10.27	122	142212	44.085	ng	85
33) 4-Chloroaniline	11.14	127	147568	27.954	ng	94
34) Hexachlorobutadiene	11.32	225	111263	40.318	ng	96
35) Caprolactam	11.90	113	49370	36.158	ng	88
36) 4-Chloro-3-methylphenol	12.25	107	201078	44.500	ng	# 84
37) 2-Methylnaphthalene	12.62	142	393680	43.042	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	213338	34.513	ng	97
40) Hexachlorocyclopentadiene	12.97	237	283268	118.584	ng	92

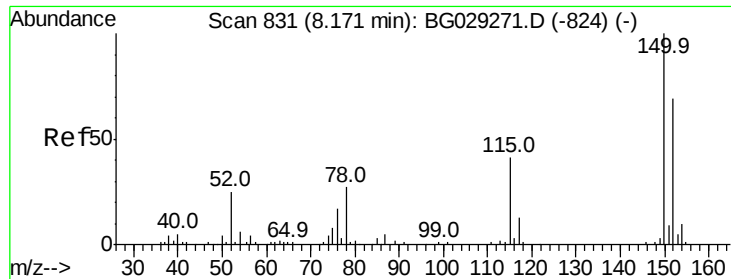
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029357.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	164598	42.418	ng	99
43) 2,4,5-Trichlorophenol	13.30	196	181404	45.521	ng	97
45) 1,1'-Biphenyl	13.62	154	537868	36.961	ng	97
46) 2-Chloronaphthalene	13.67	162	415886	39.180	ng	96
47) 2-Nitroaniline	13.86	65	139098	47.709	ng	# 88
48) Acenaphthylene	14.51	152	676012	40.693	ng	99
49) Dimethylphthalate	14.23	163	582211	44.075	ng	99
50) 2,6-Dinitrotoluene	14.35	165	130751	47.217	ng	# 81
51) Acenaphthene	14.85	154	419918	38.850	ng	98
52) 3-Nitroaniline	14.68	138	106663	35.696	ng	# 80
53) 2,4-Dinitrophenol	14.89	184	151928	98.006	ng	# 53
54) Dibenzofuran	15.18	168	685846	44.448	ng	98
55) 4-Nitrophenol	14.99	139	252926	102.671	ng	# 78
56) 2,4-Dinitrotoluene	15.14	165	189948	50.672	ng	# 78
57) Fluorene	15.83	166	542754	42.580	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	179260	53.917	ng	97
59) Diethylphthalate	15.58	149	609036	46.263	ng	99
60) 4-Chlorophenyl-phenylether	15.81	204	303761	44.696	ng	95
61) 4-Nitroaniline	15.84	138	156421	50.980	ng	87
62) Azobenzene	16.11	77	524092	47.210	ng	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	110311	43.988	ng	84
65) n-Nitrosodiphenylamine	16.03	169	518082	38.803	ng	99
66) 4-Bromophenyl-phenylether	16.71	248	204814	40.046	ng	98
67) Hexachlorobenzene	16.83	284	219492	37.887	ng	96
68) Atrazine	16.97	200	219915	46.161	ng	99
69) Pentachlorophenol	17.17	266	303022	91.053	ng	99
70) Phenanthrene	17.56	178	957809	41.597	ng	98
71) Anthracene	17.65	178	981891	42.468	ng	98
72) Carbazole	17.92	167	947695	42.670	ng	99
73) Di-n-butylphthalate	18.47	149	1117781	43.758	ng	100
74) Fluoranthene	19.56	202	1224359	45.462	ng	97
76) Benzidine	19.73	184	484091	32.171	ng	98
77) Pyrene	19.92	202	1257292	41.588	ng	97
79) Butylbenzylphthalate	20.79	149	535985	41.613	ng	91
80) Benzo(a)anthracene	21.78	228	1253262	42.831	ng	99
81) 3,3'-Dichlorobenzidine	21.68	252	373066	30.890	ng	97
82) Chrysene	21.84	228	1176328	41.979	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	744515	40.277	ng	99
84) Di-n-octyl phthalate	22.91	149	1287582	39.967	ng	98
85) Indeno(1,2,3-cd)pyrene	28.89	276	1511515	43.844	ng	97
87) Benzo(b)fluoranthene	24.05	252	1306654	44.604	ng	100
88) Benzo(k)fluoranthene	24.12	252	1238738	42.444	ng	99
89) Benzo(a)pyrene	24.94	252	1249572	44.370	ng	98
90) Dibenzo(a,h)anthracene	28.95	278	1265305	44.378	ng	97
91) Benzo(g,h,i)perylene	30.08	276	1258268	47.497	ng	98

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

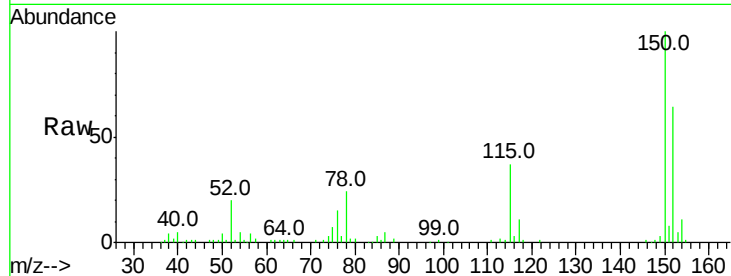


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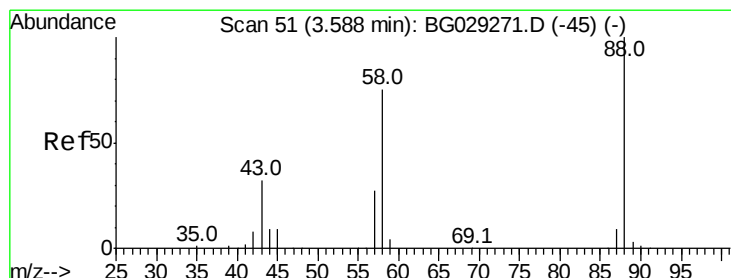
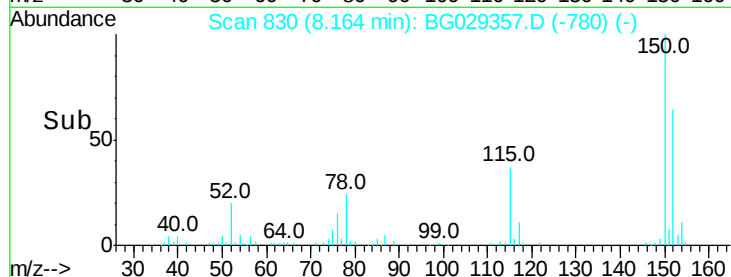
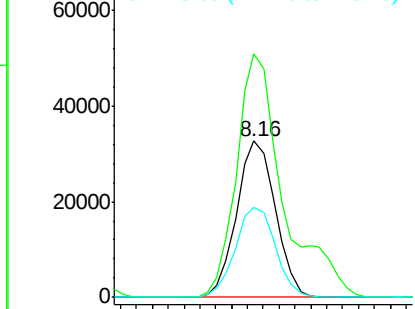
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55626
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 57.8 53.0 79.4



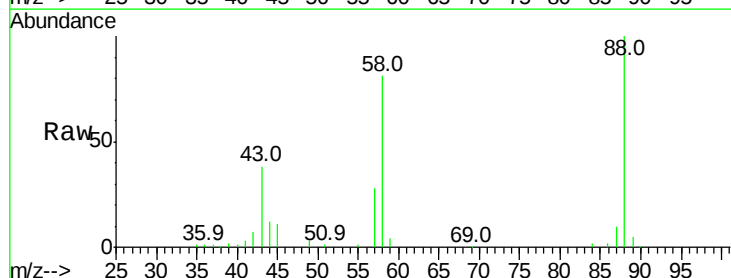
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



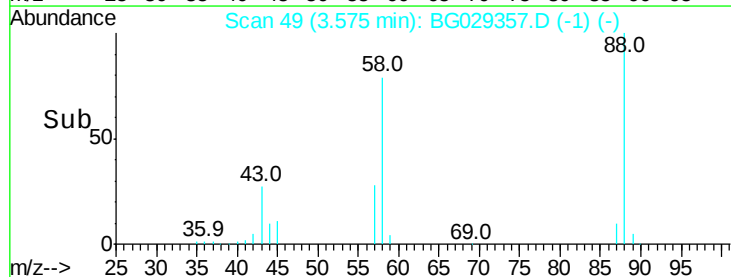
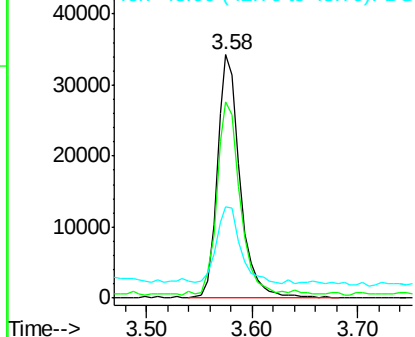
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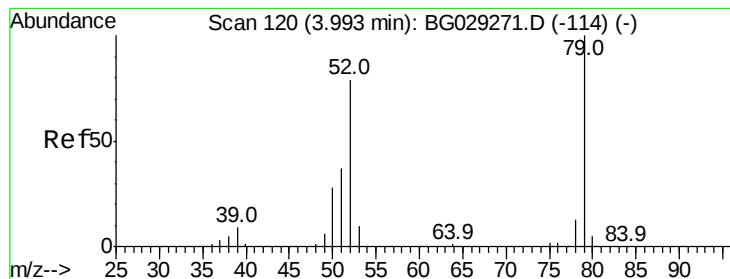
1,4-Dioxane
Concen: 38.118 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion: 88 Resp: 51498
Ion Ratio Lower Upper
88 100
58 82.2 79.6 119.4
43 34.1 27.4 41.0



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





#3

Pvridine

Concen: 38.167 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

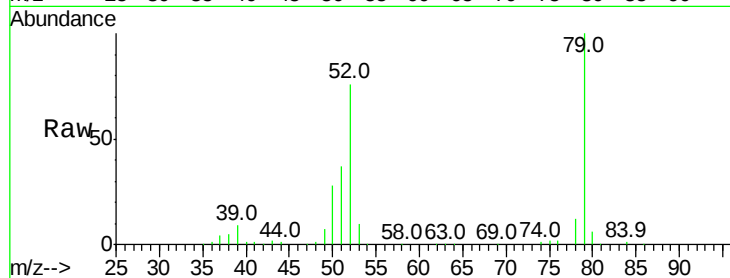
Tot Ion: 79 Resp: 150159

Ion Ratio Lower Upper

79 100

52 75.9 69.9 104.9

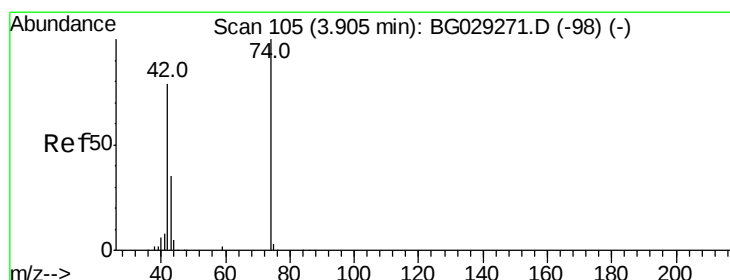
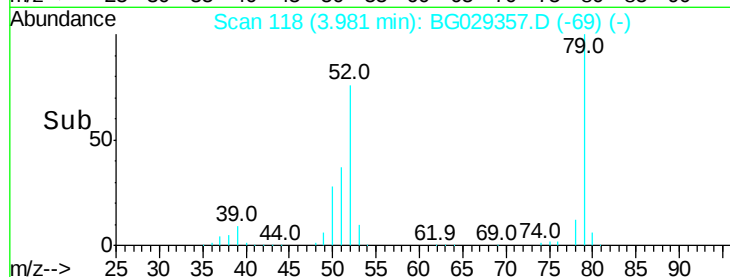
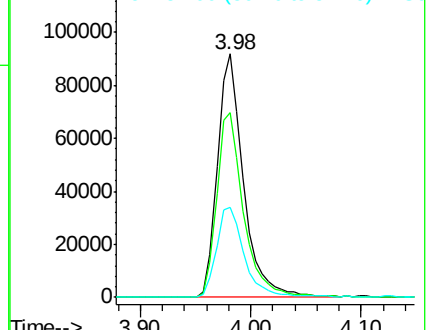
51 36.8 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.390 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

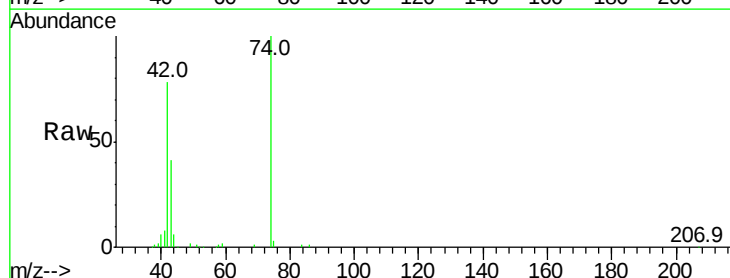
Tgt Ion: 42 Resp: 74279

Ion Ratio Lower Upper

42 100

74 127.6 102.5 153.7

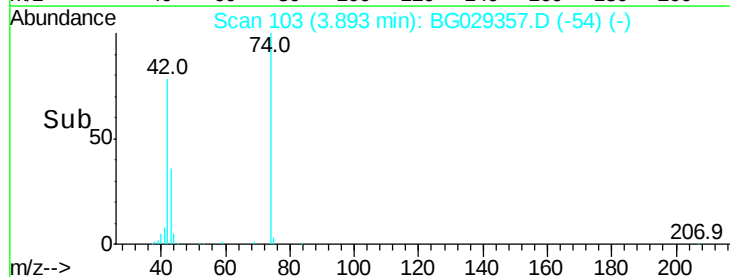
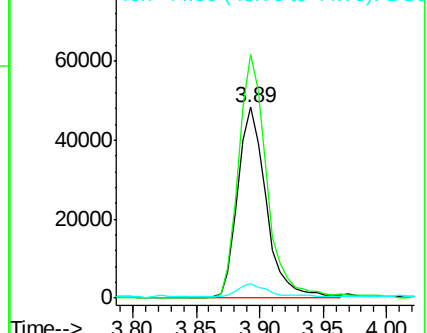
44 7.9 18.9 28.3#

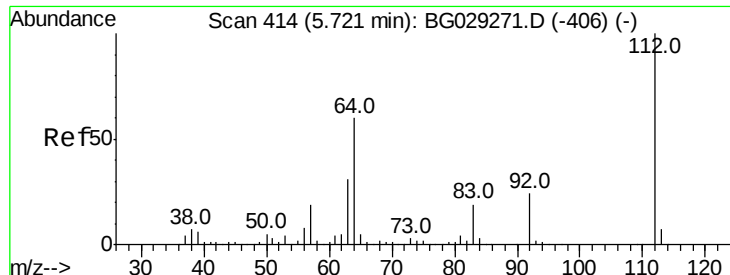


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 94.408 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampled :

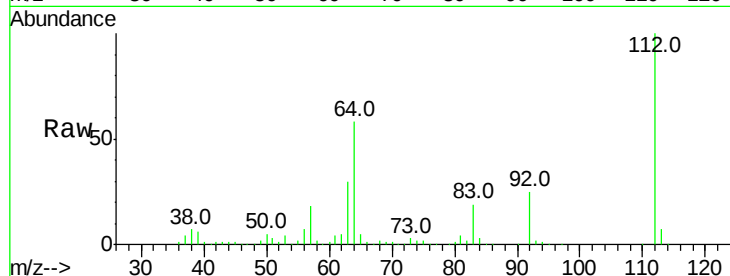
Tot Ion: 112 Resp: 314358

Ion Ratio Lower Upper

112 100

64 58.0 56.3 84.5

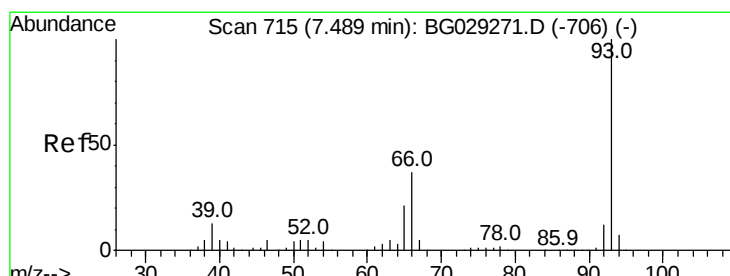
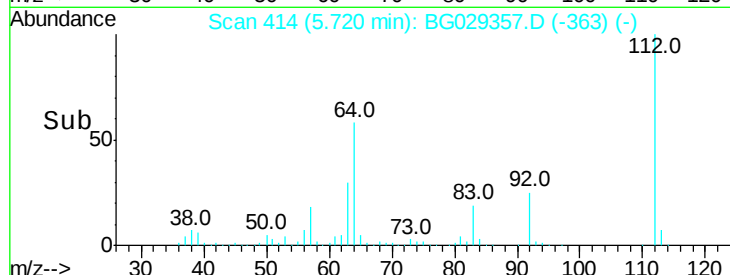
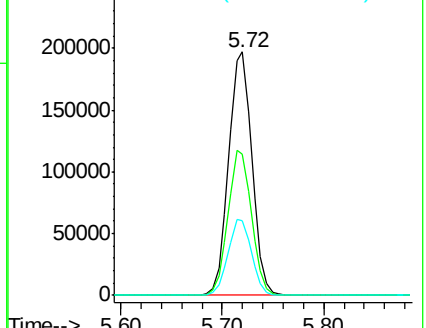
63 30.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 31.595 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

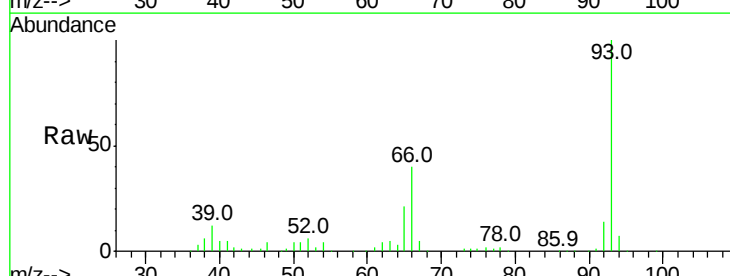
Tgt Ion: 93 Resp: 182862

Ion Ratio Lower Upper

93 100

66 40.1 33.7 50.5

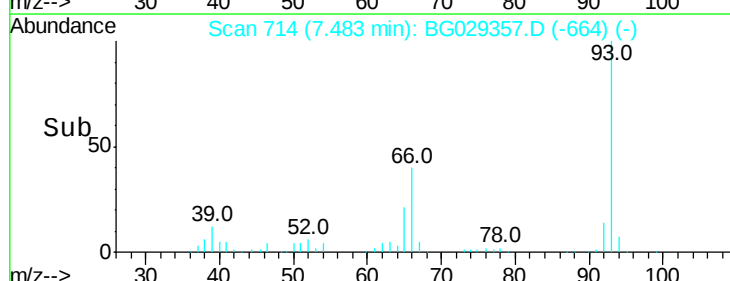
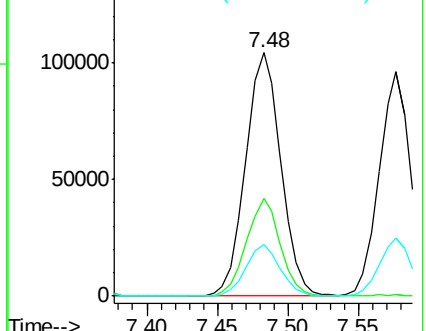
65 21.3 16.1 24.1

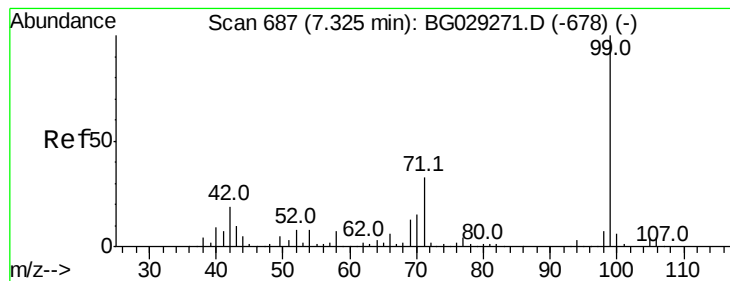


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 90.542 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

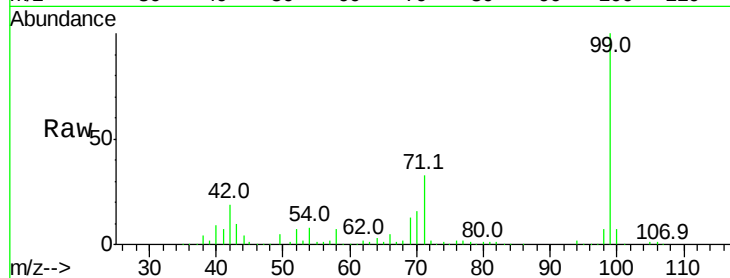
Tot Ion: 99 Resp: 423183

Ion Ratio Lower Upper

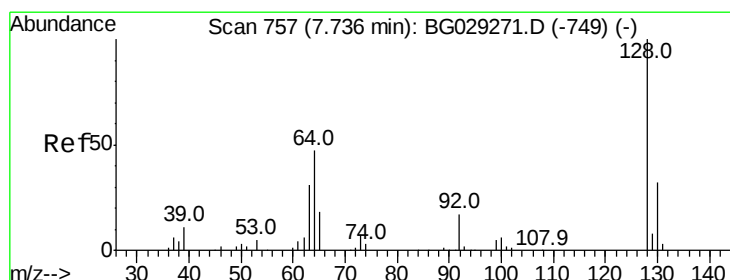
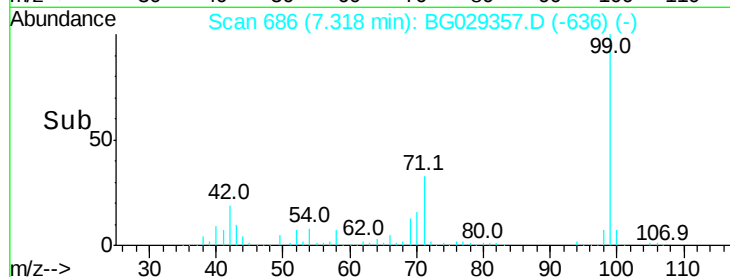
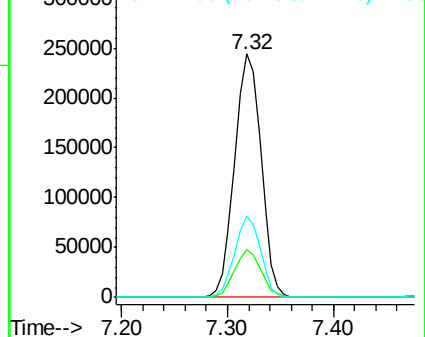
99 100

42 19.5 14.1 21.1

71 33.4 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: 42.524 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

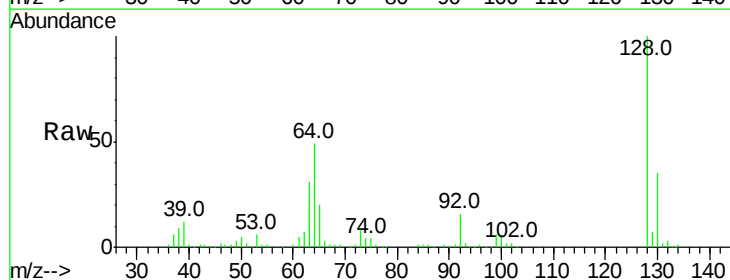
Tgt Ion: 128 Resp: 162301

Ion Ratio Lower Upper

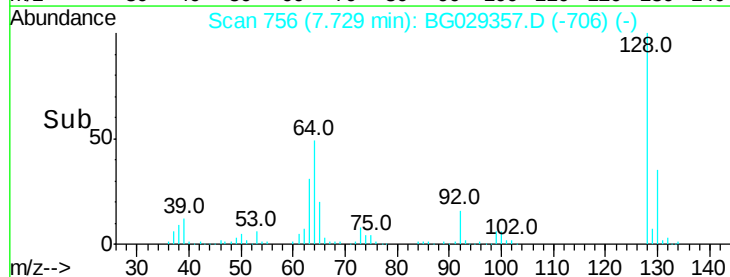
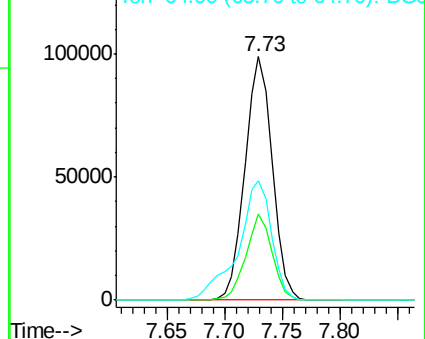
128 100

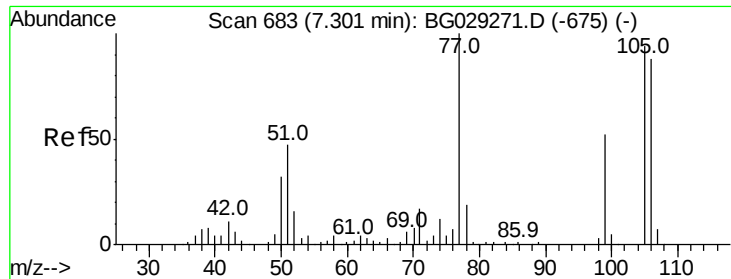
130 35.3 14.0 54.0

64 49.2 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: 23.384 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampled :

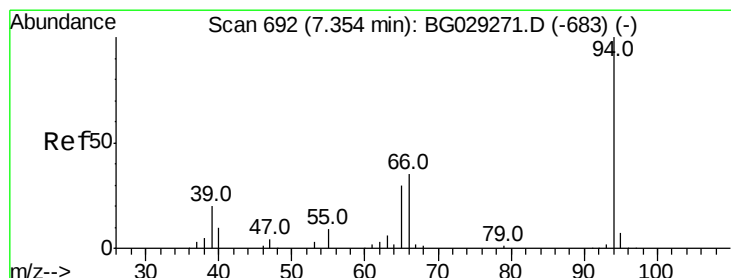
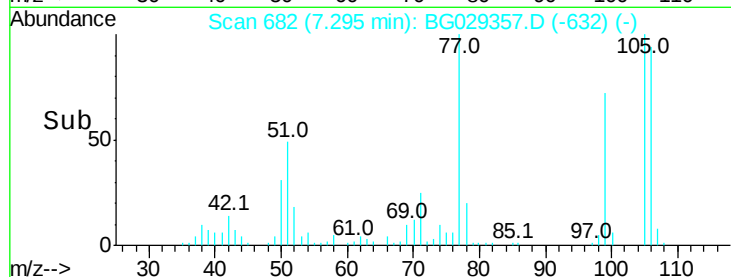
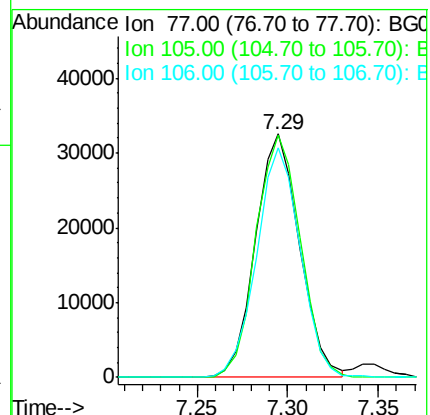
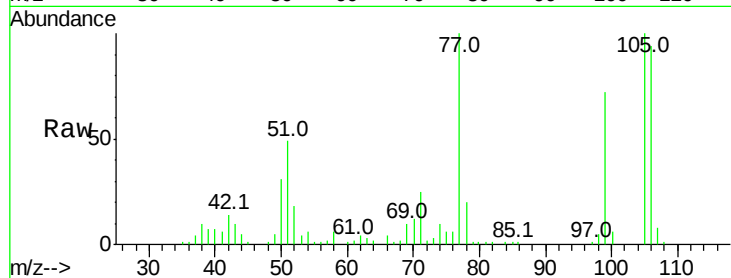
Tot Ion: 77 Resp: 54973

Ion Ratio Lower Upper

77 100

105 99.7 71.3 111.3

106 94.3 64.2 104.2



#10

Phenol

Concen: 44.547 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

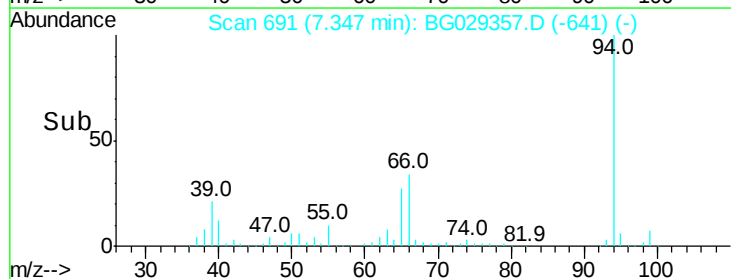
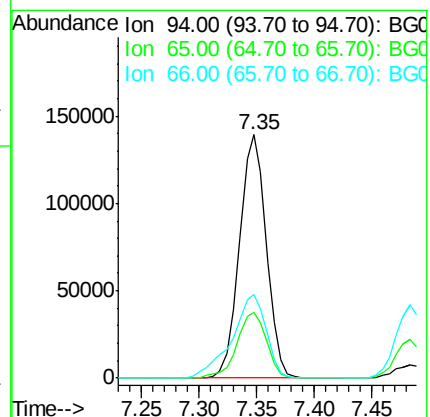
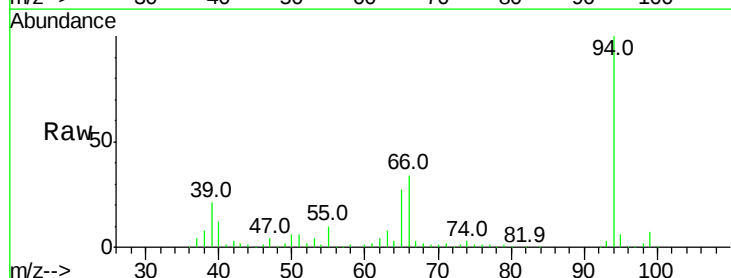
Tgt Ion: 94 Resp: 224465

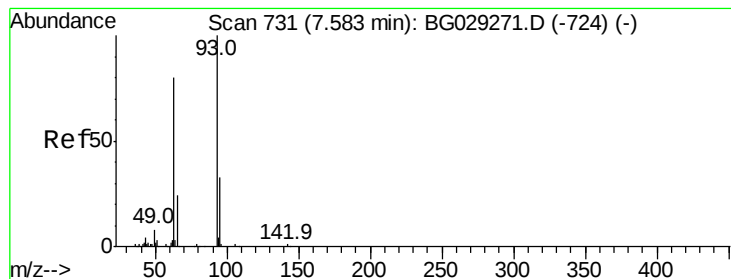
Ion Ratio Lower Upper

94 100

65 26.8 11.9 51.9

66 34.4 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 40.835 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampled :

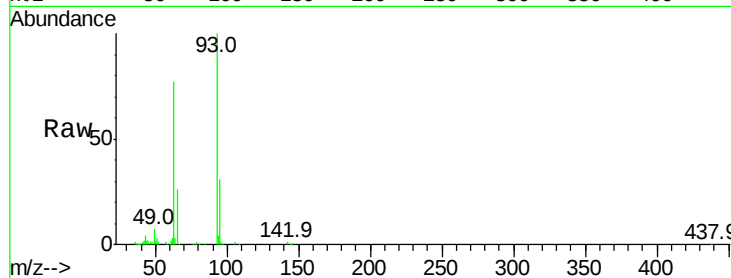
Tot Ion: 93 Resp: 149914

Ion Ratio Lower Upper

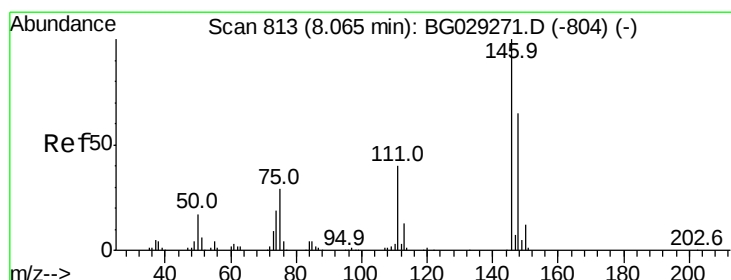
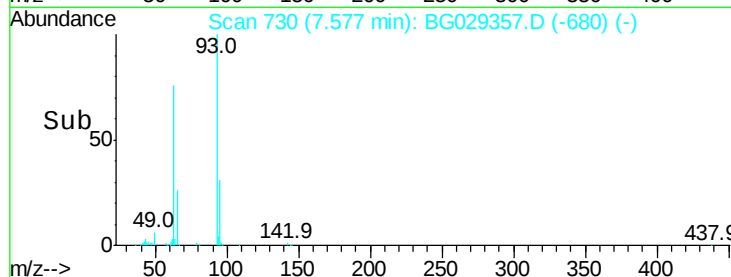
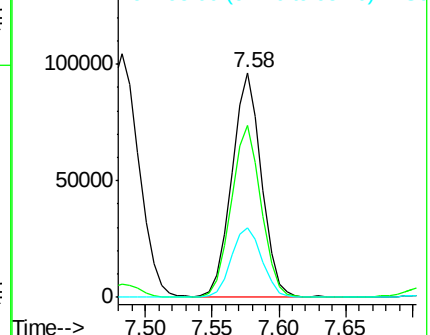
93 100

63 76.8 67.1 107.1

95 31.1 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.947 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

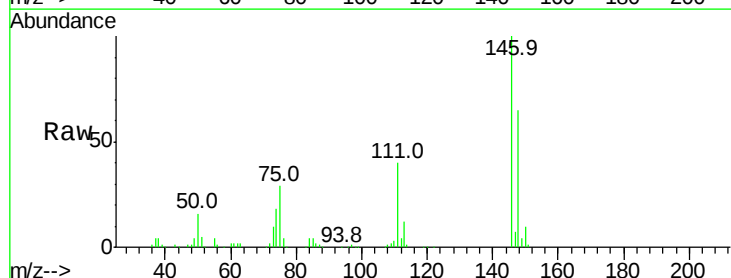
Tgt Ion: 146 Resp: 171175

Ion Ratio Lower Upper

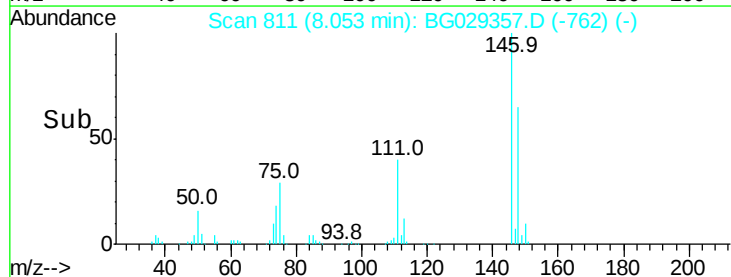
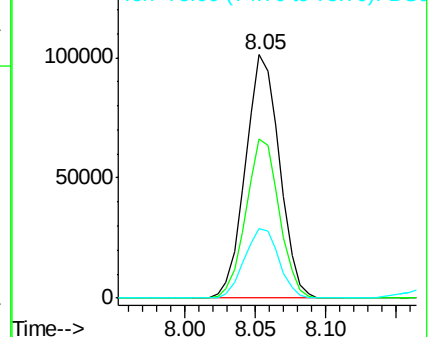
146 100

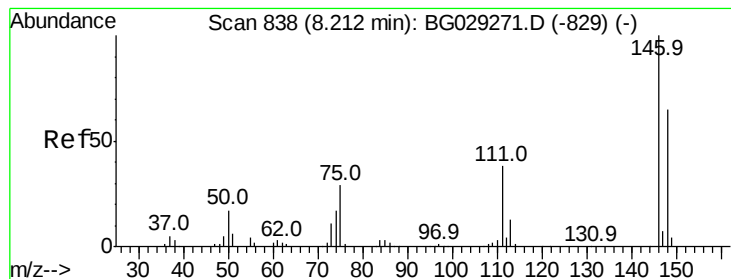
148 65.4 51.4 77.2

75 28.5 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 39.678 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

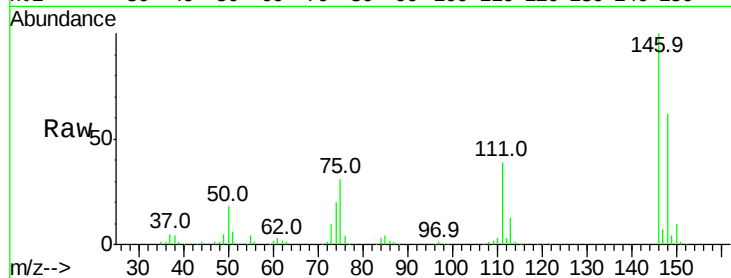
Tot Ion:146 Resp: 173588

Ion Ratio Lower Upper

146 100

148 61.8 53.7 80.5

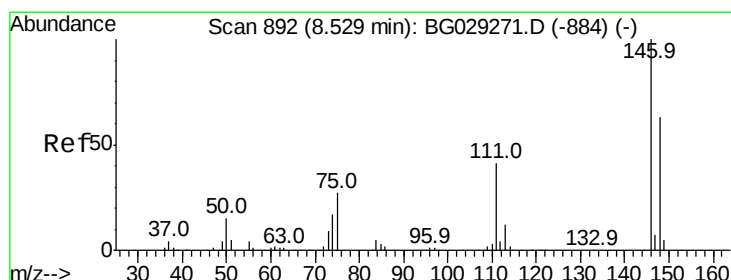
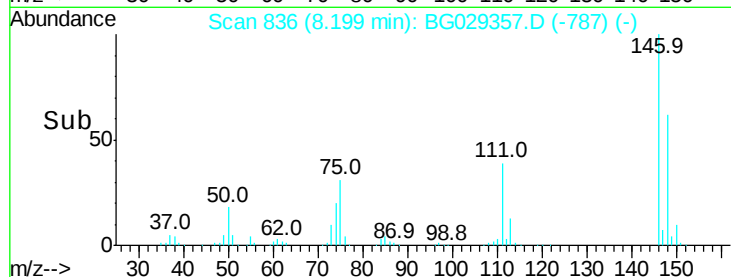
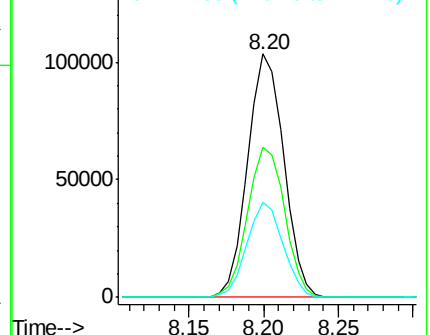
111 39.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.553 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

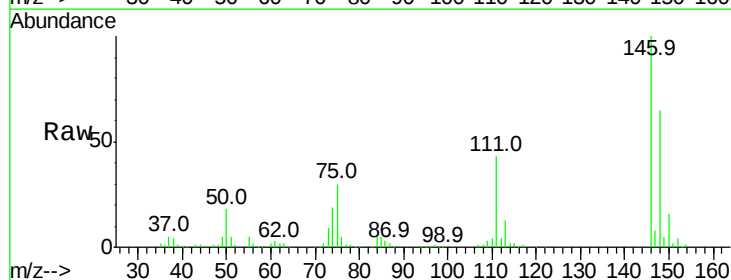
Tgt Ion:146 Resp: 162685

Ion Ratio Lower Upper

146 100

148 65.1 49.3 73.9

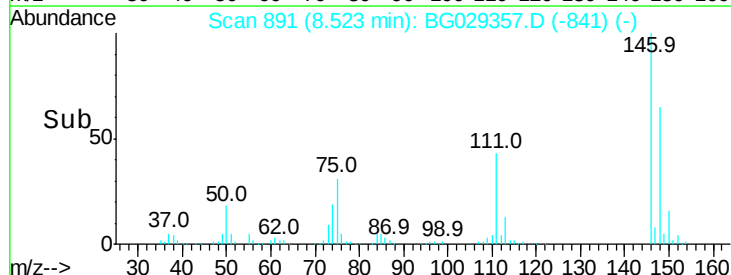
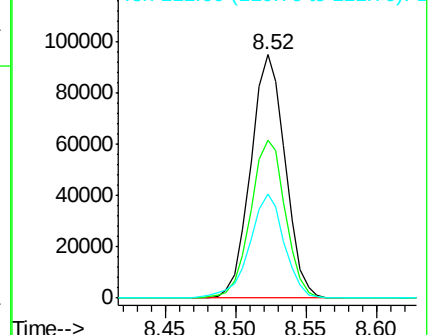
111 42.8 34.3 51.5

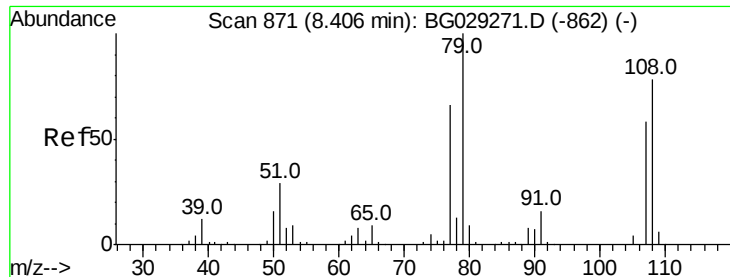


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.131 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :
BNA_G
ClientSampleId :

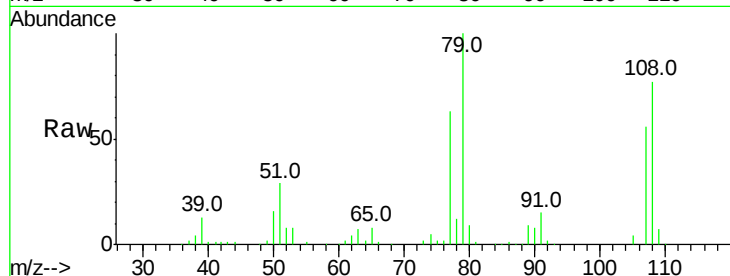
Tot Ion: 79 Resp: 151945

Ion Ratio Lower Upper

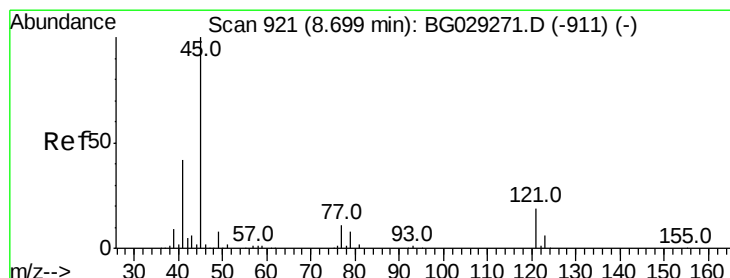
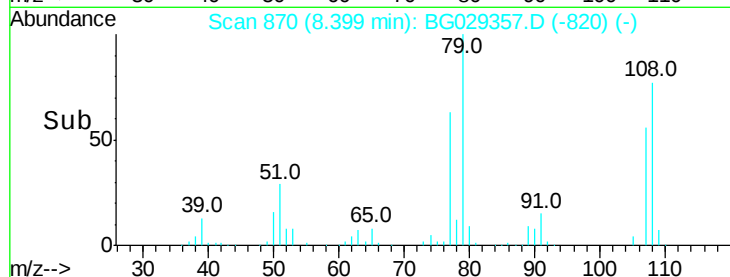
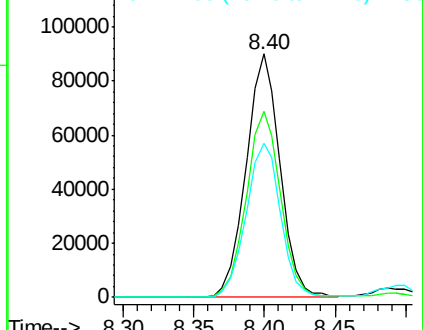
79 100

108 76.6 57.2 85.8

77 63.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.677 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

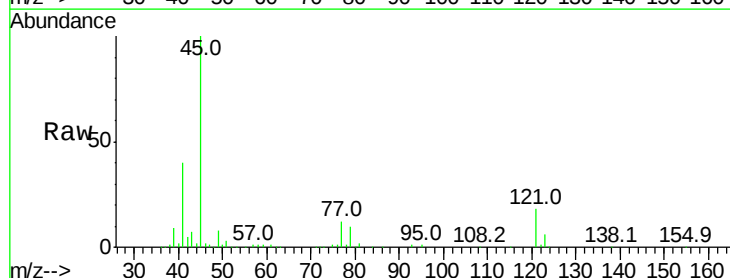
Tgt Ion: 45 Resp: 247376

Ion Ratio Lower Upper

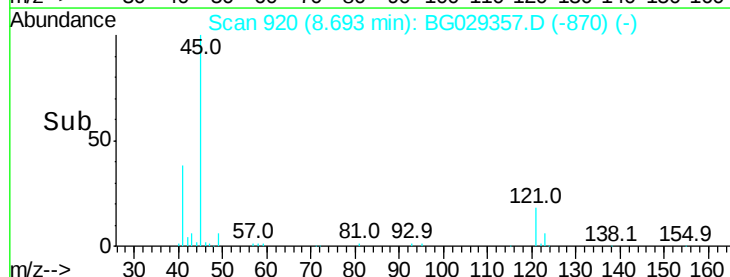
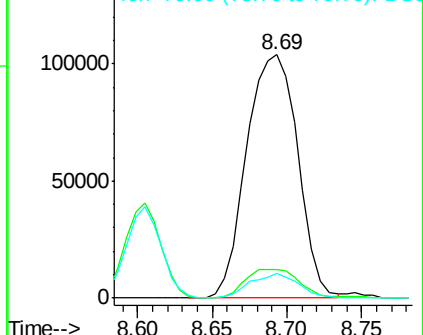
45 100

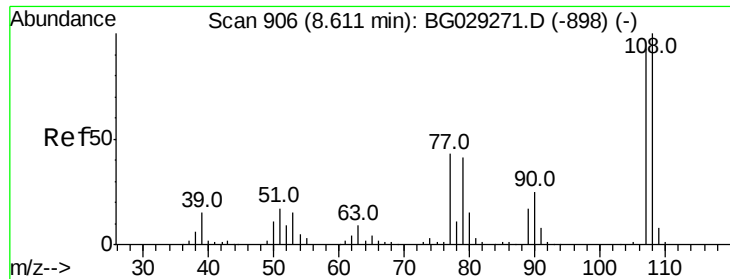
77 11.5 0.0 30.2

79 10.2 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.830 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 150058

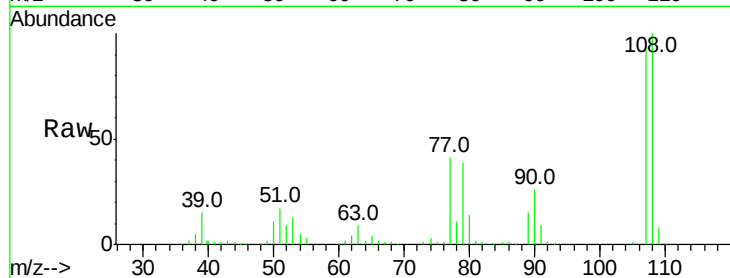
Ion Ratio Lower Upper

107 100

108 109.0 83.9 125.9

77 44.9 37.2 55.8

79 43.0 36.2 54.2

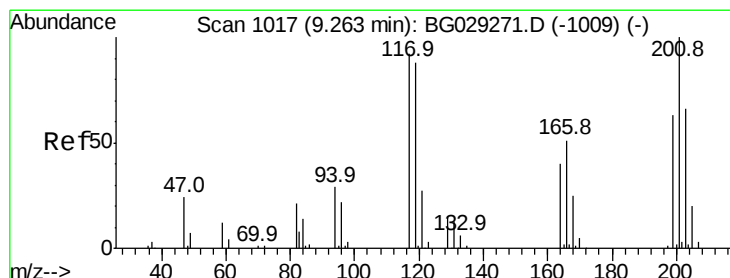
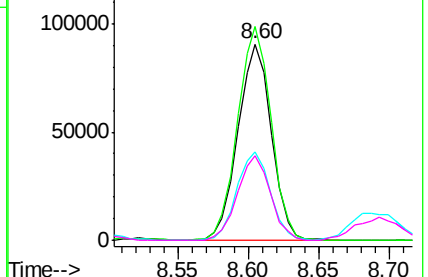
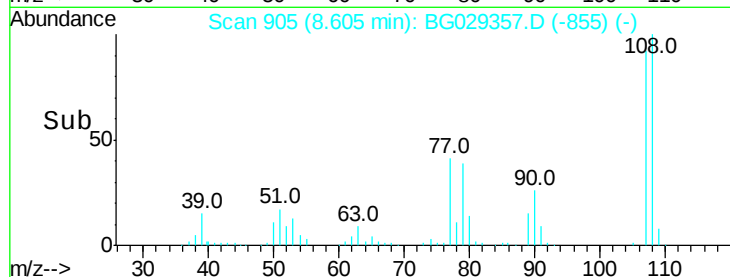


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.614 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

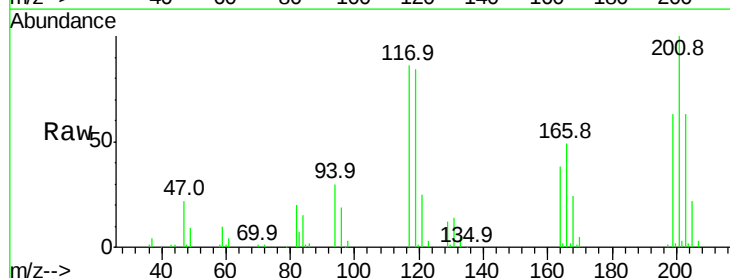
Tgt Ion:117 Resp: 60551

Ion Ratio Lower Upper

117 100

119 97.5 76.7 115.1

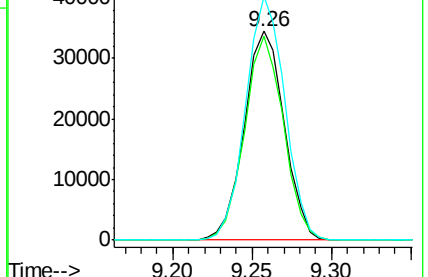
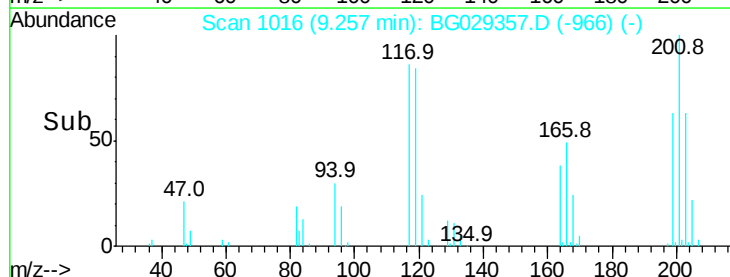
201 116.7 95.7 143.5

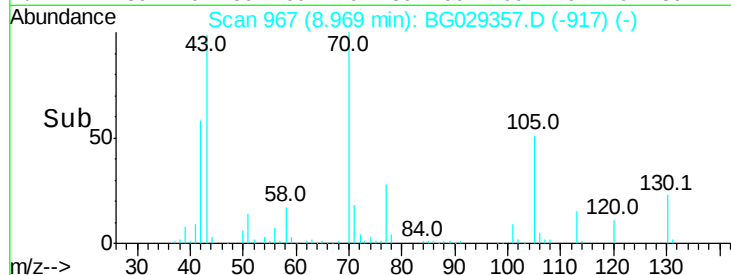
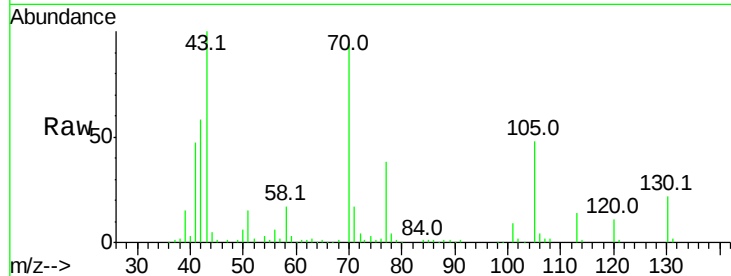
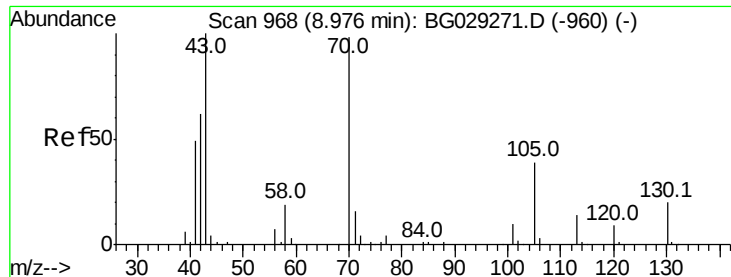


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

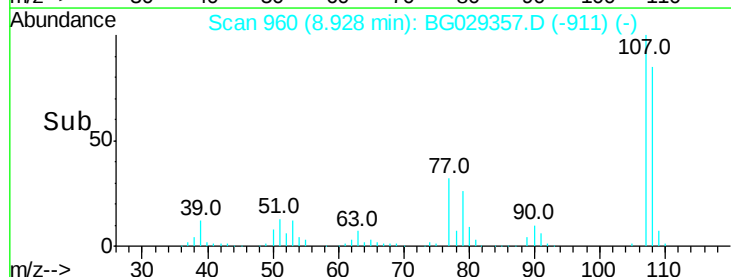
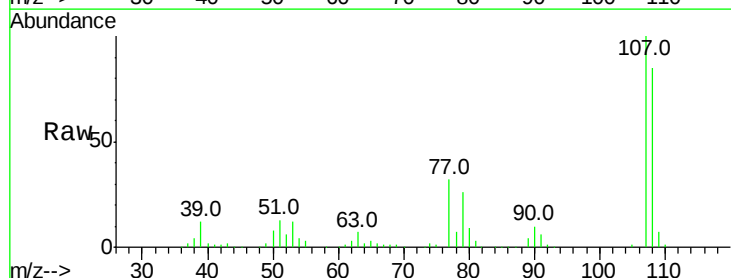
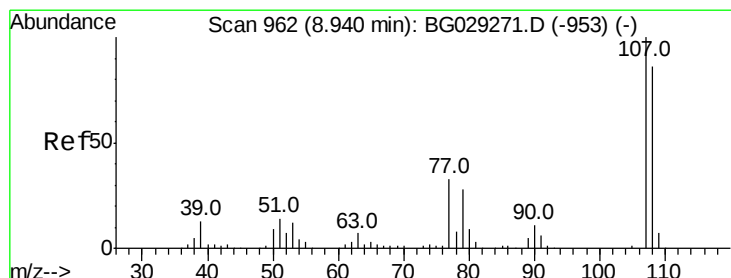
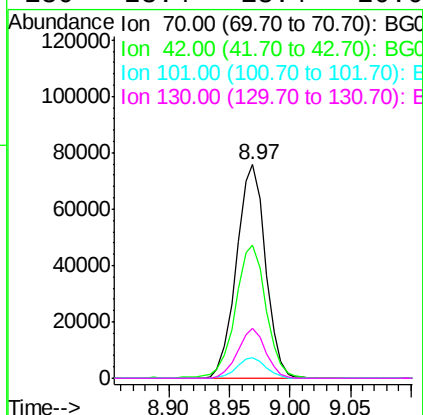




#19
n-Nitroso-di-n-propylamine
Concen: 39.991 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

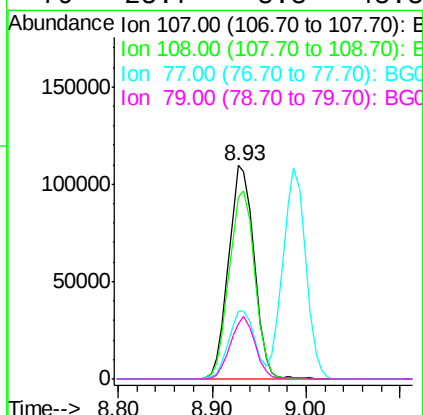
Instrument :
BNA_G
ClientSampled :

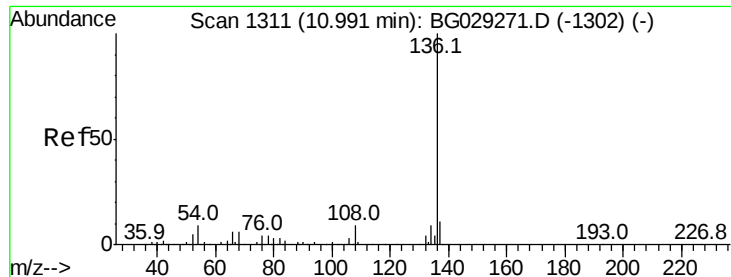
Tot Ion: 70 Resp: 127091
Ion Ratio Lower Upper
70 100
42 62.1 49.1 73.7
101 9.5 8.5 12.7
130 23.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.041 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion: 107 Resp: 207719
Ion Ratio Lower Upper
107 100
108 85.1 61.6 101.6
77 32.0 13.9 53.9
79 25.7 8.8 48.8

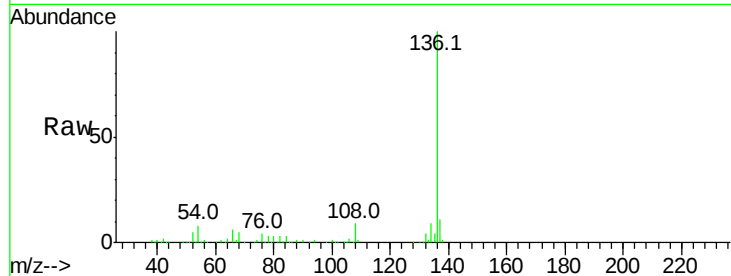




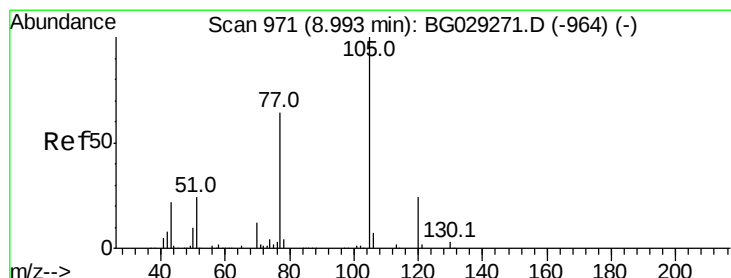
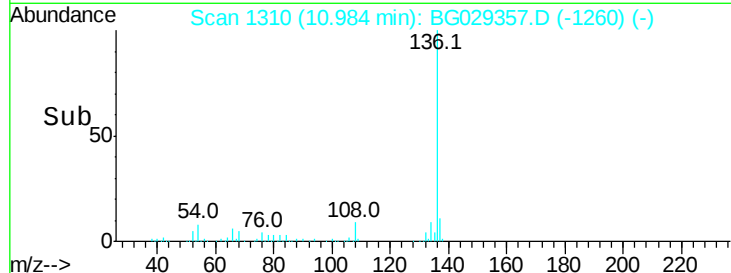
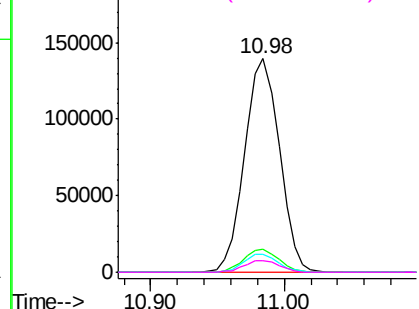
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	251807
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	8.2	10.3 15.5#
68	5.5	4.5 6.7

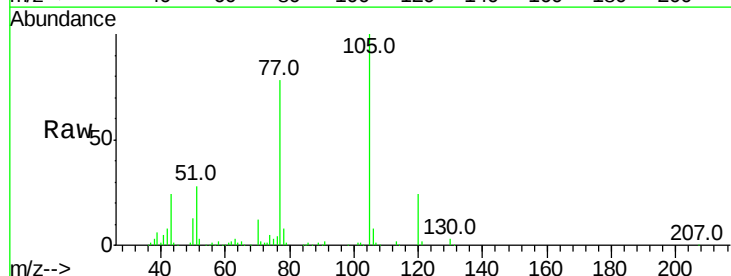


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

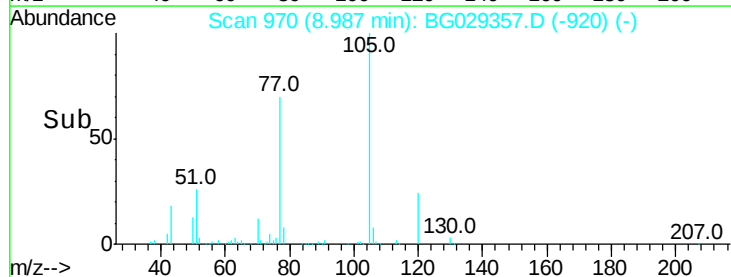
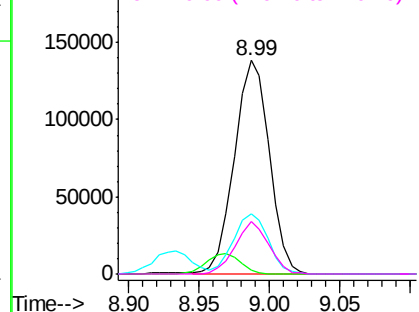


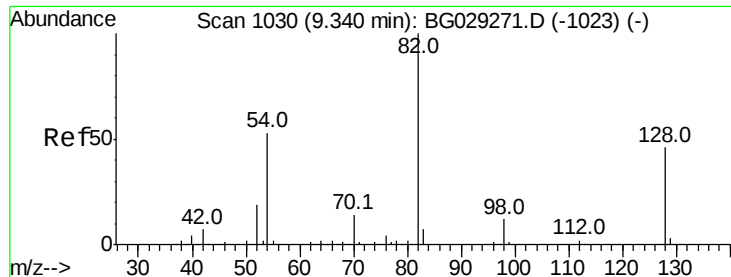
#22
Acetophenone
Concen: 39.344 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion:105	Resp:	238753
Ion Ratio	Lower	Upper
105	100	
71	2.1	3.0 4.4#
51	28.4	26.1 39.1
120	24.3	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

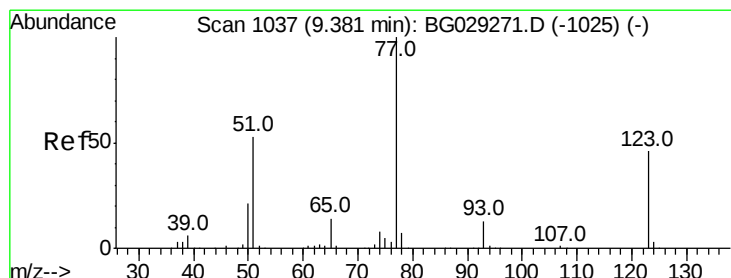
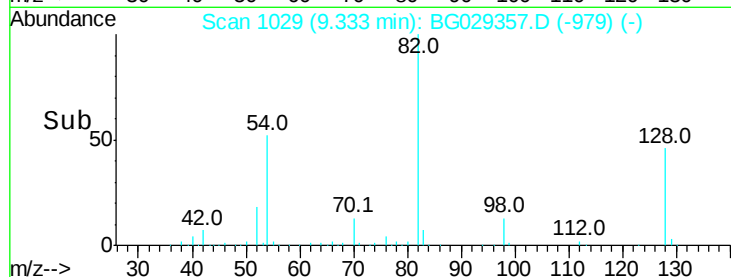
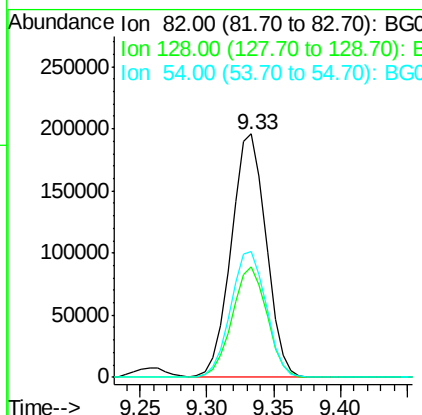
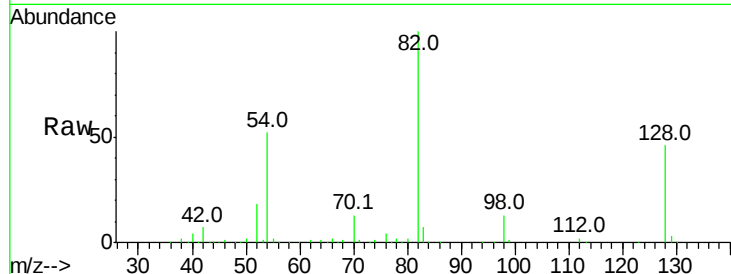




#23
 Nitrobenzene-d5
 Concen: 89.869 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

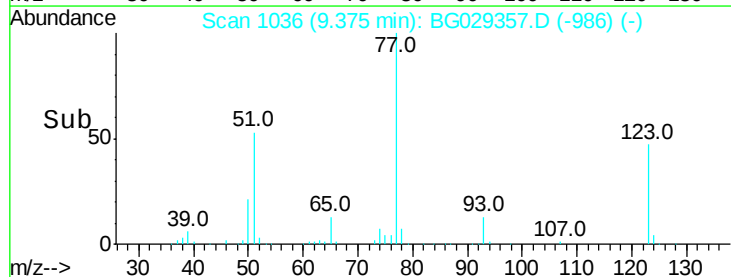
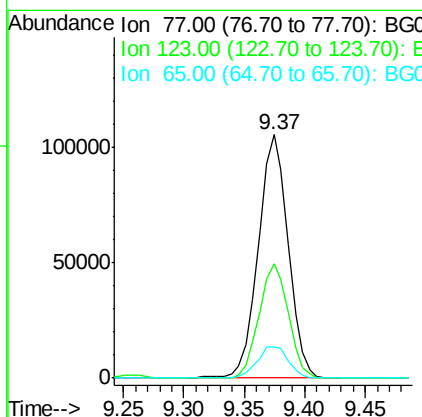
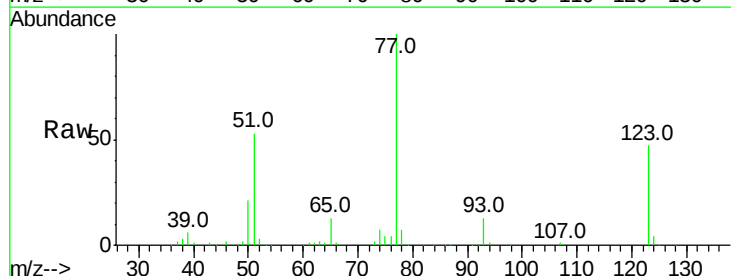
Instrument :
 BNA_G
 ClientSampleId :

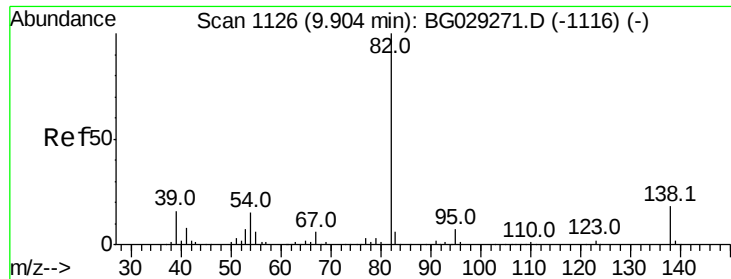
Tot Ion	82	Resp	356106
Ion	Ratio	Lower	Upper
82	100		
128	45.6	29.7	44.5#
54	51.9	43.1	64.7



#24
 Nitrobenzene
 Concen: 40.528 ng
 RT: 9.37 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion	77	Resp	180566
Ion	Ratio	Lower	Upper
77	100		
123	47.0	33.0	49.6
65	12.8	13.0	19.6#

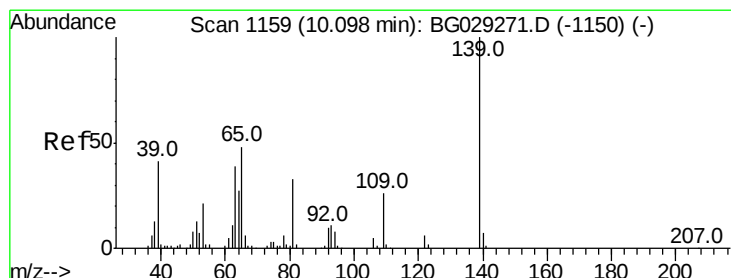
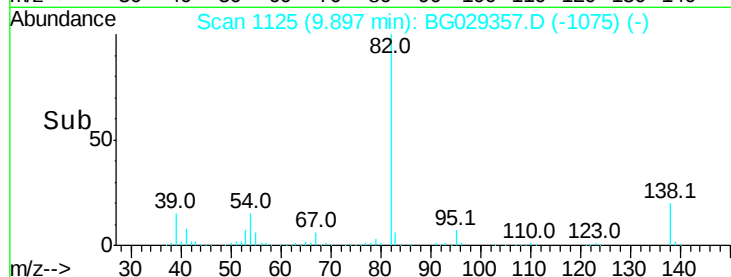
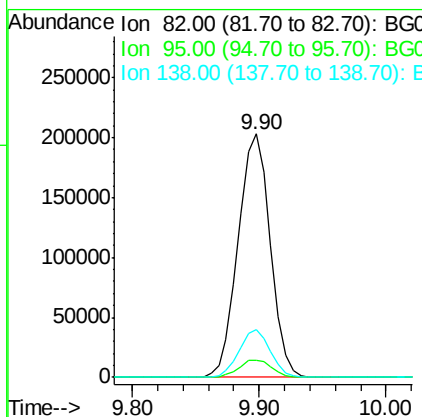
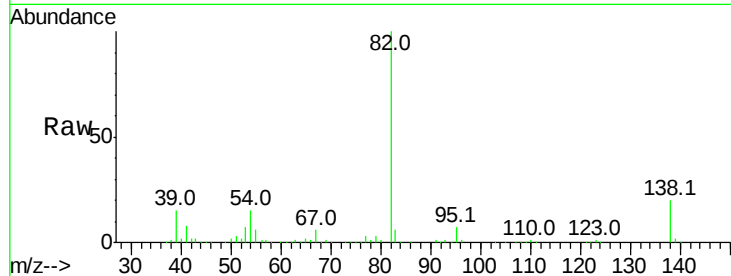




#25
Isophorone
Concen: 43.089 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

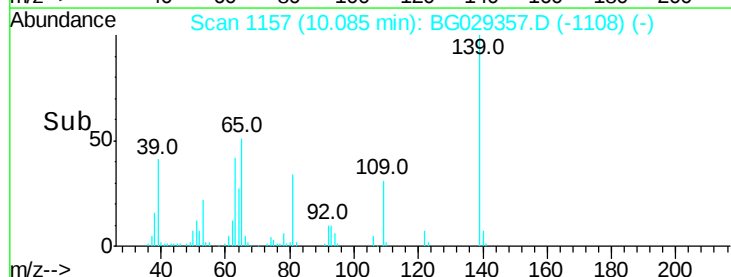
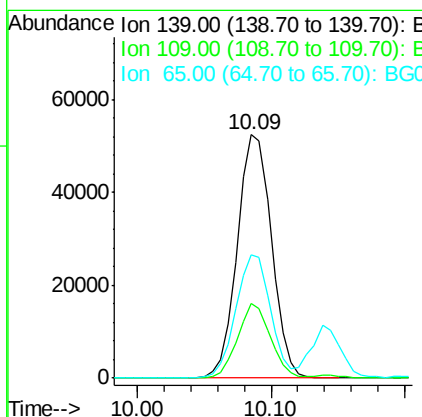
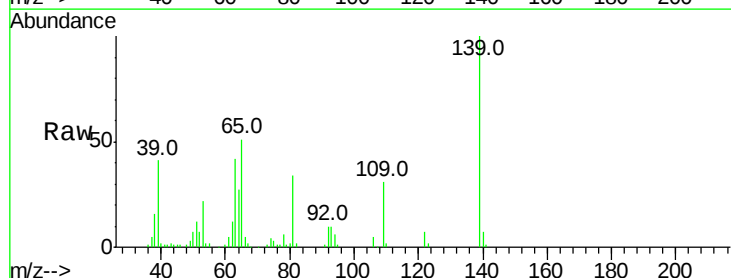
Instrument :
BNA_G
ClientSampleId :

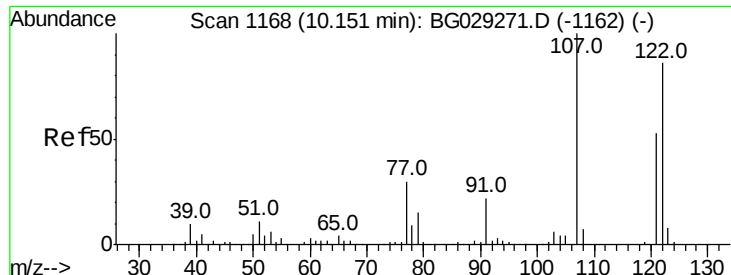
Tot Ion: 82 Resp: 356437
Ion Ratio Lower Upper
82 100
95 7.1 6.2 9.2
138 19.6 12.1 18.1#



#26
2-Nitrophenol
Concen: 43.697 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion:139 Resp: 93049
Ion Ratio Lower Upper
139 100
109 30.9 24.2 36.2
65 50.8 47.4 71.0

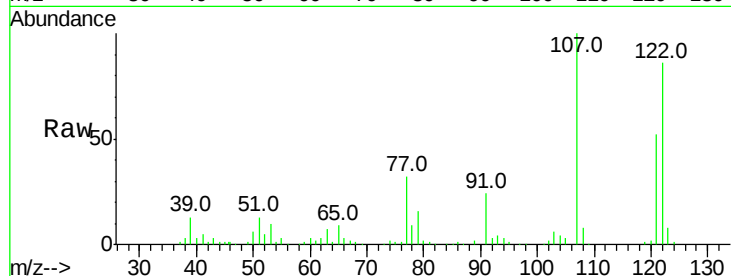




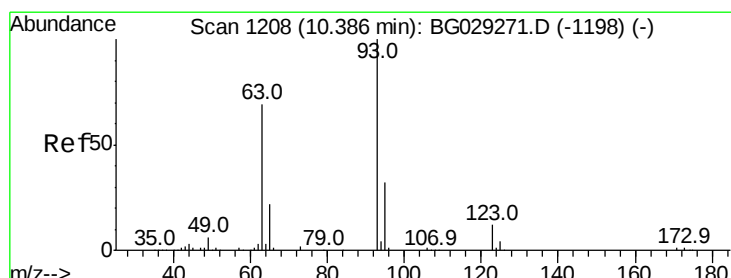
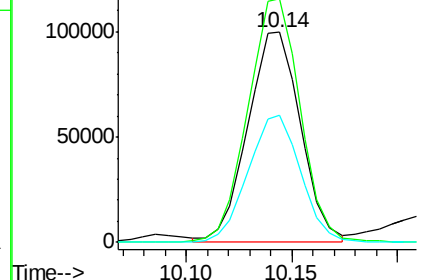
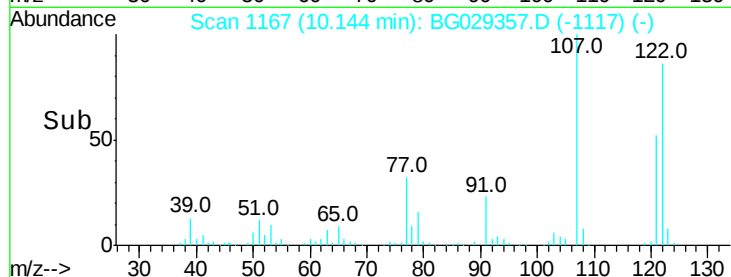
#27
2,4-Dimethylphenol
Concen: 44.787 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 172549
Ion Ratio Lower Upper
122 100
107 116.0 100.2 150.2
121 60.5 44.4 66.6

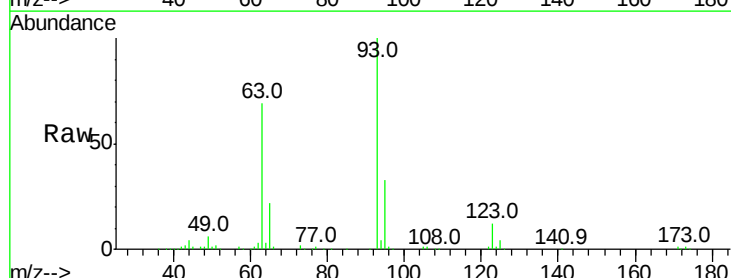


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

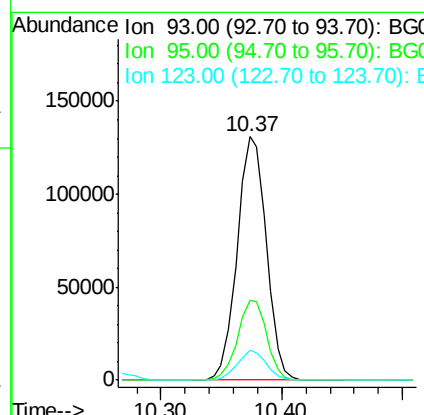
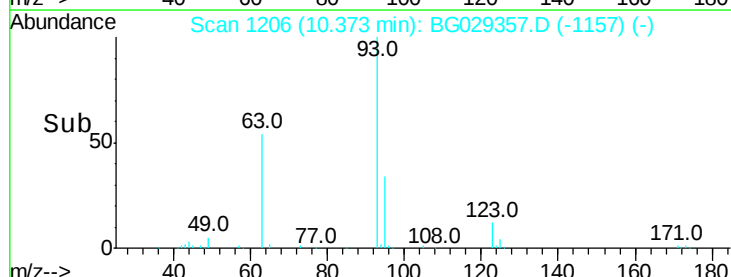


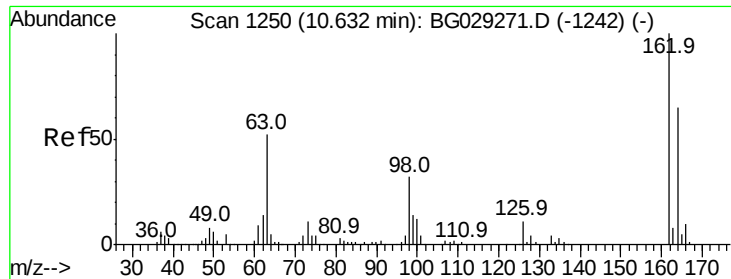
#28
bis(2-Chloroethoxy)methane
Concen: 43.343 ng
RT: 10.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion: 93 Resp: 219856
Ion Ratio Lower Upper
93 100
95 32.6 24.3 36.5
123 12.1 8.4 12.6



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

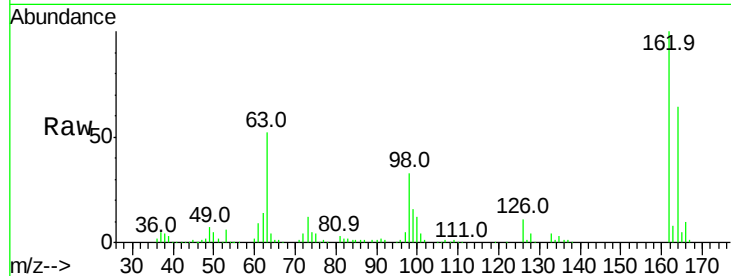




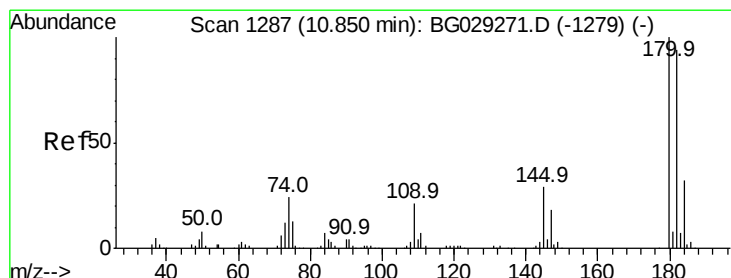
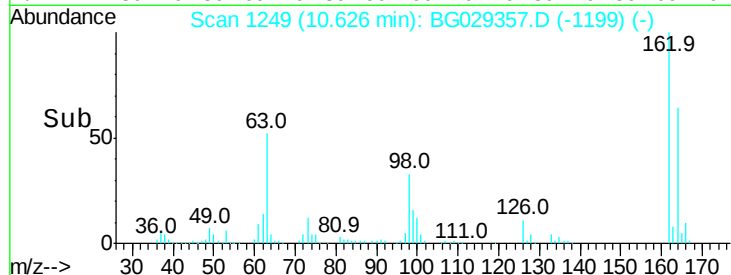
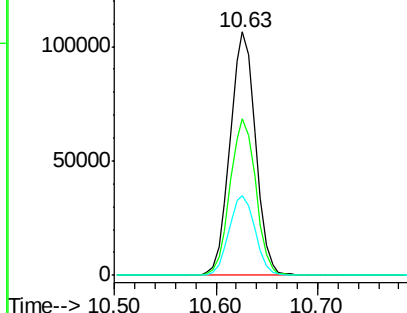
#29
 2,4-Dichlorophenol
 Concen: 44.983 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	48.0	88.0
98	32.6	21.1	61.1

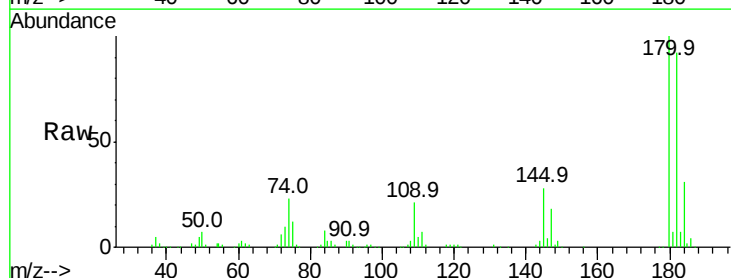


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

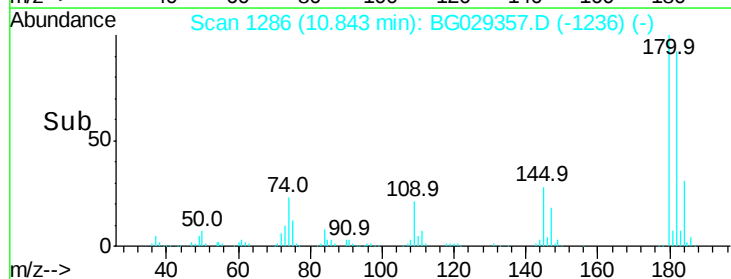
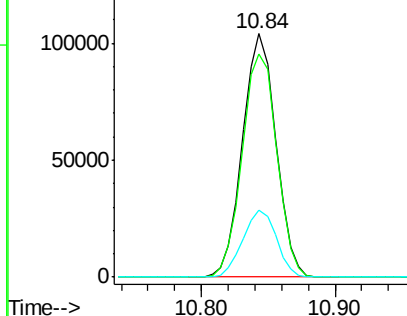


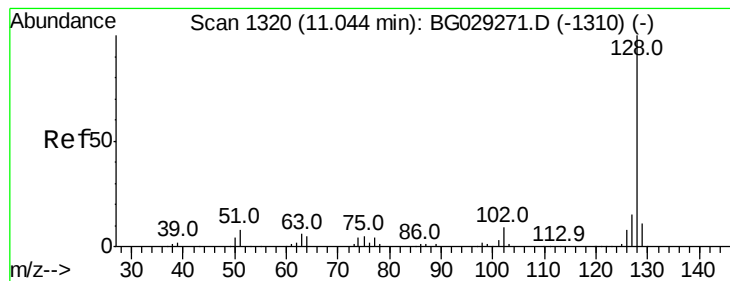
#30
 1,2,4-Trichlorobenzene
 Concen: 40.455 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	77.5	116.3
145	27.6	23.4	35.2



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





#31

Naphthalene

Concen: 39.924 ng

RT: 11.03 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

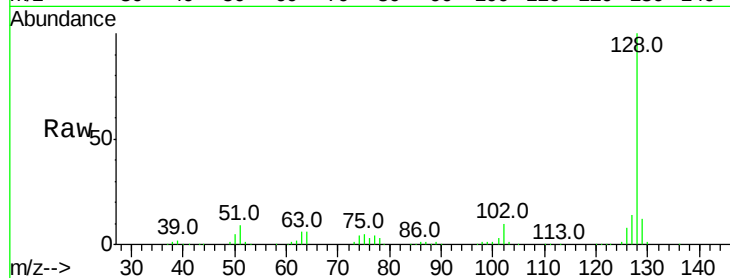
Tot Ion:128 Resp: 501033

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

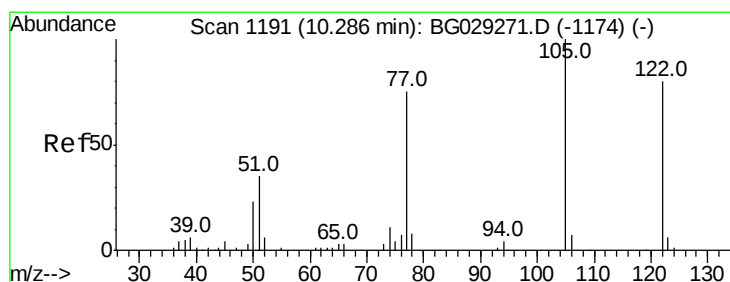
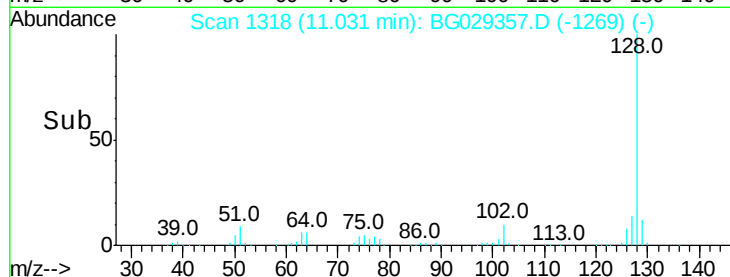
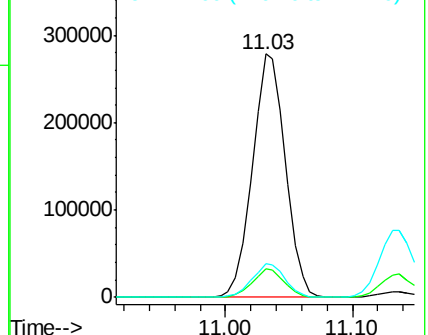
127 13.9 11.6 17.4



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: 44.085 ng

RT: 10.27 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

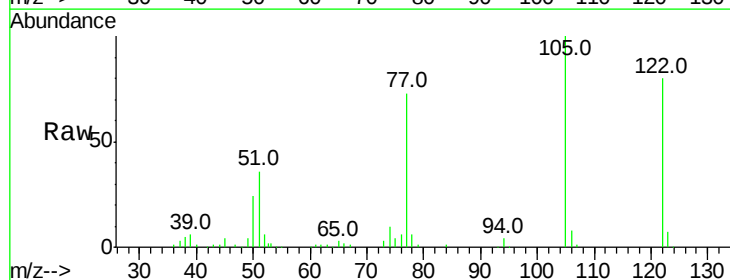
Tgt Ion:122 Resp: 142212

Ion Ratio Lower Upper

122 100

105 125.0 123.5 163.5

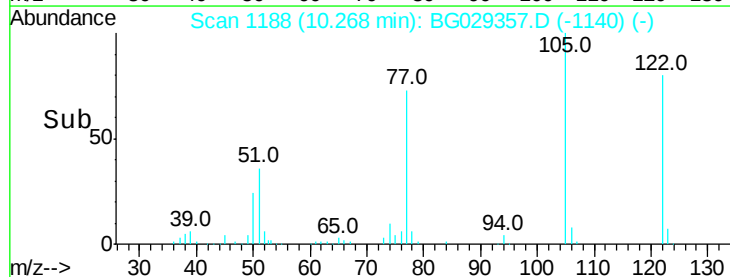
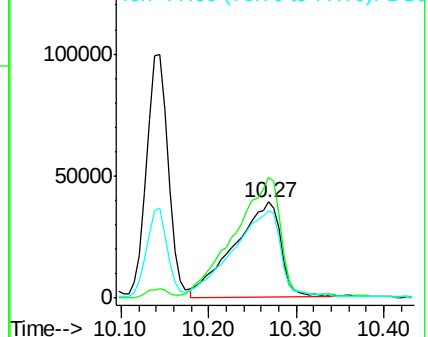
77 91.2 85.7 125.7

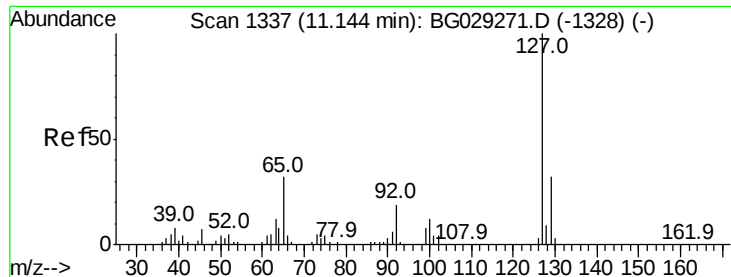


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

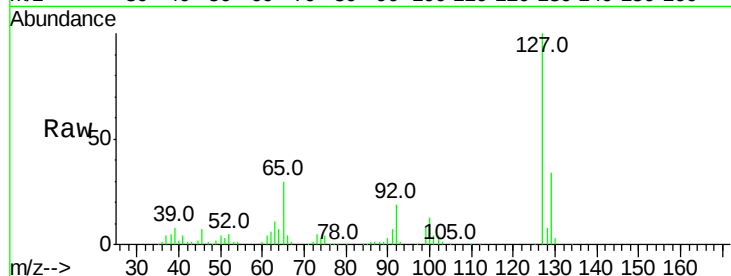




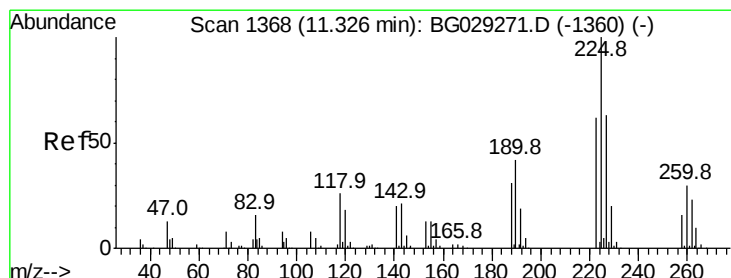
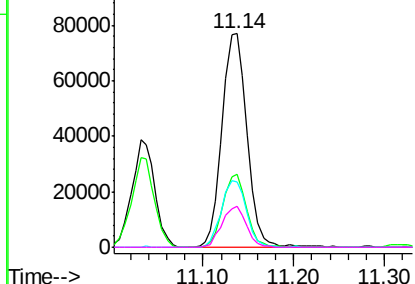
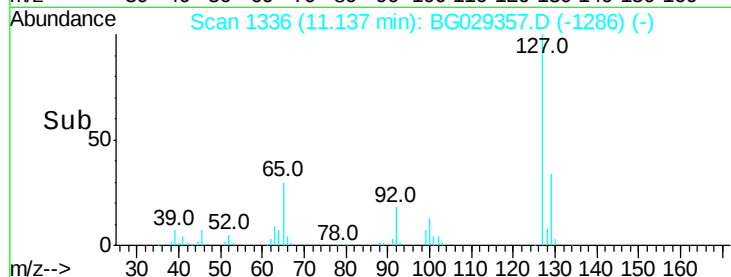
#33
4-Chloroaniline
Concen: 27.954 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 147568
Ion Ratio Lower Upper
127 100
129 34.1 24.0 36.0
65 30.3 27.0 40.4
92 19.4 16.6 25.0

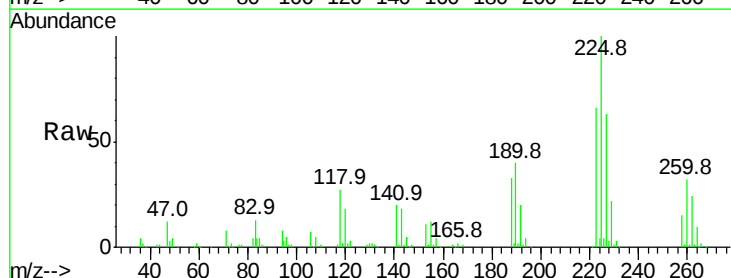


Abundance Ion 127.00 (126.70 to 127.70): E
120000
Ion 129.00 (128.70 to 129.70): E
100000
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

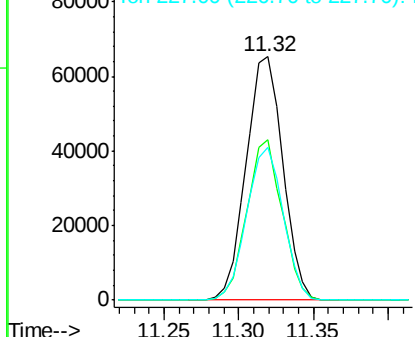
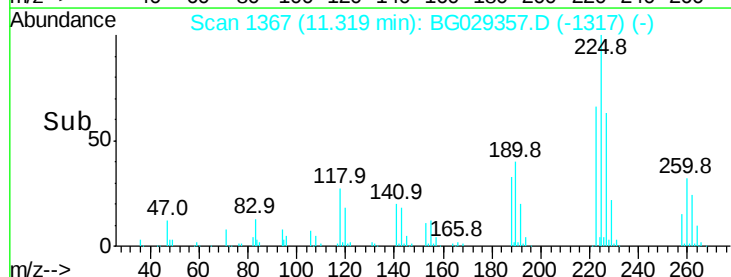


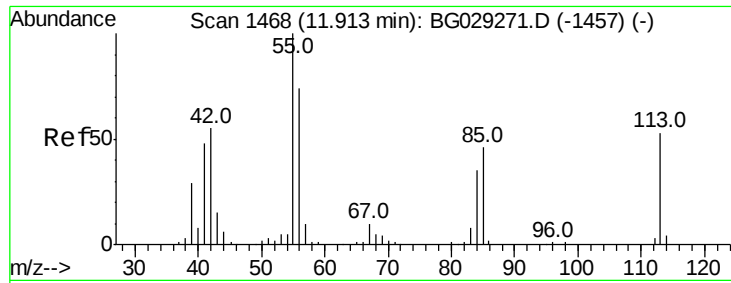
#34
Hexachlorobutadiene
Concen: 40.318 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion:225 Resp: 111263
Ion Ratio Lower Upper
225 100
223 65.7 49.7 74.5
227 62.8 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.158 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampled :

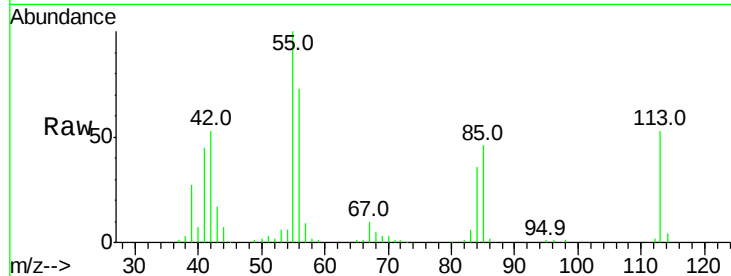
Tot Ion:113 Resp: 49370

Ion Ratio Lower Upper

113 100

55 188.2 186.9 226.9

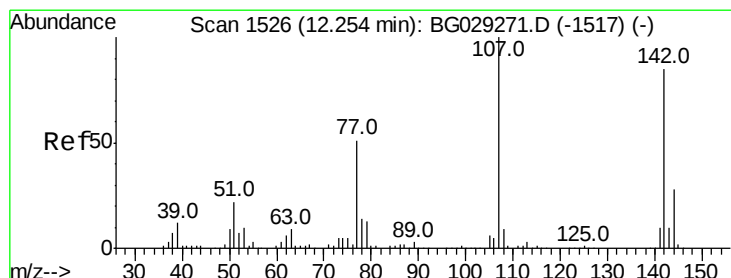
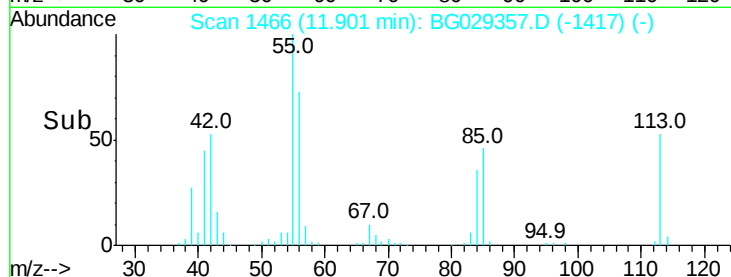
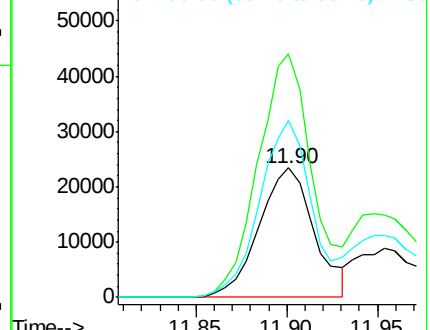
56 136.5 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.500 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

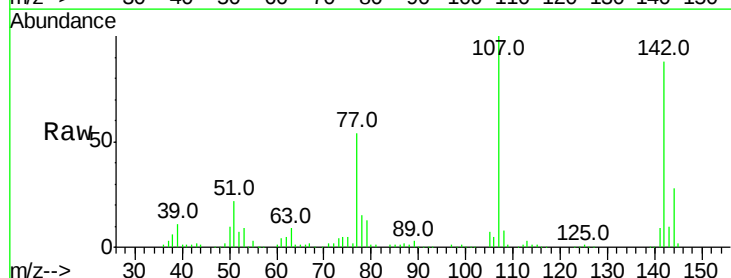
Tgt Ion:107 Resp: 201078

Ion Ratio Lower Upper

107 100

144 28.1 18.2 27.4#

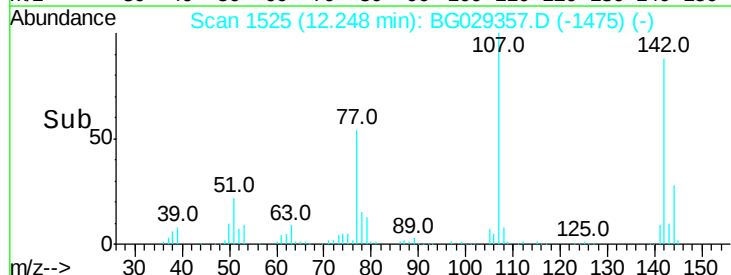
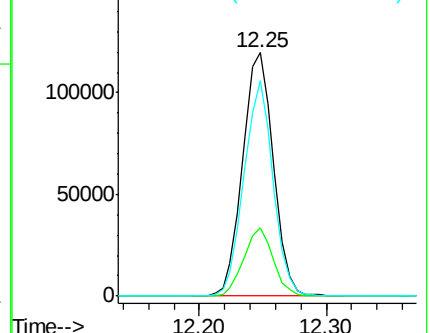
142 88.4 59.0 88.4

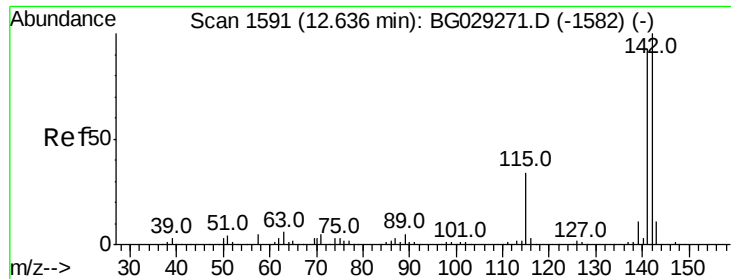


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

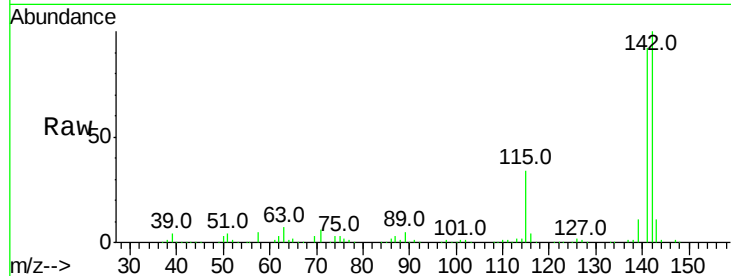




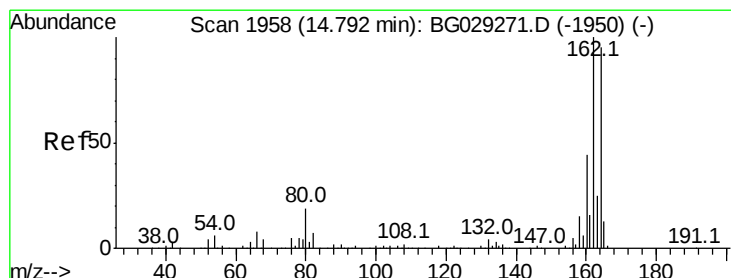
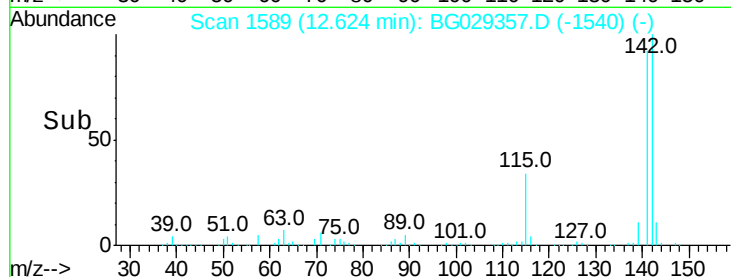
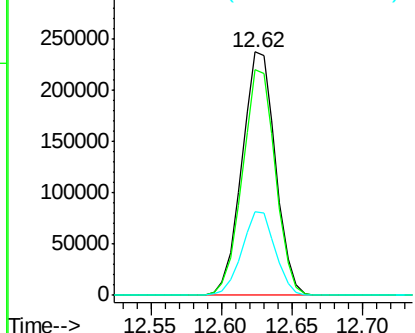
#37
2-Methylnaphthalene
Concen: 43.042 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 393680
Ion Ratio Lower Upper
142 100
141 92.5 67.1 100.7
115 34.1 30.7 46.1

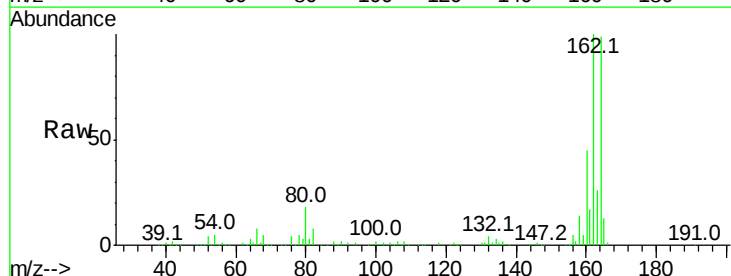


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

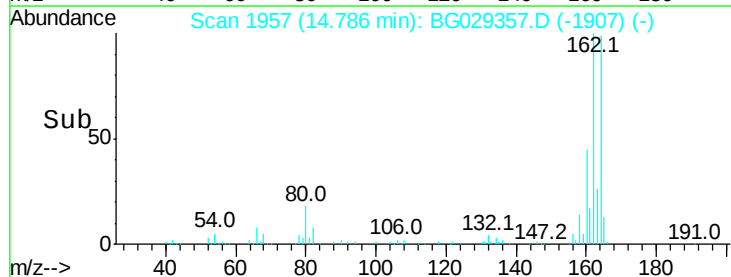
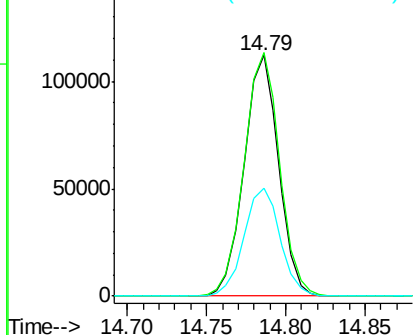


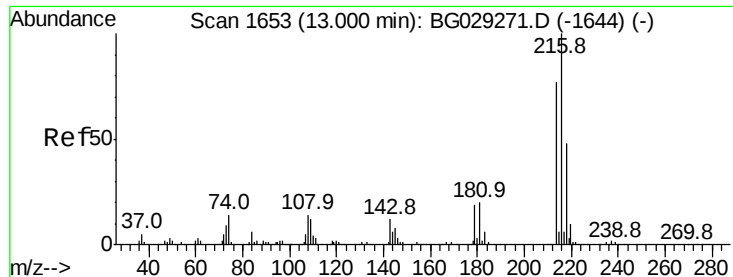
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion:164 Resp: 169305
Ion Ratio Lower Upper
164 100
162 101.2 78.8 118.2
160 45.1 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.513 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 213338

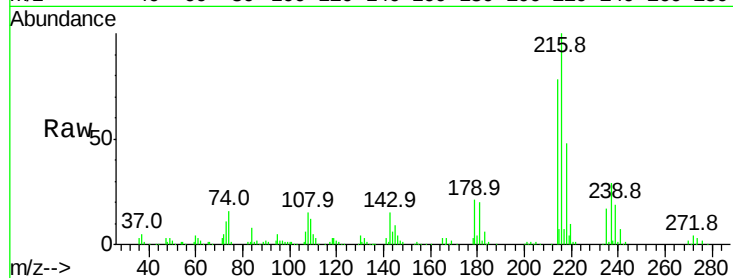
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 20.1 17.0 25.6

108 18.1 12.8 19.2

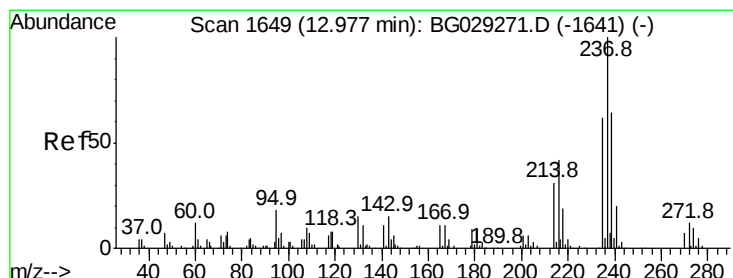
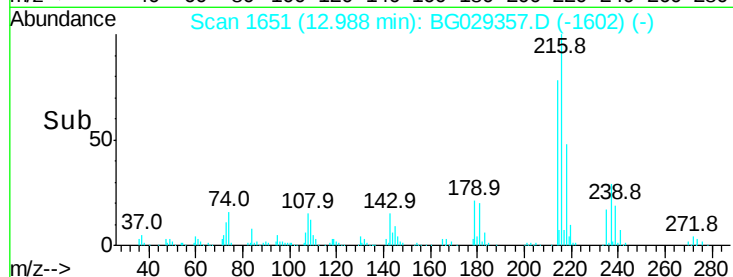
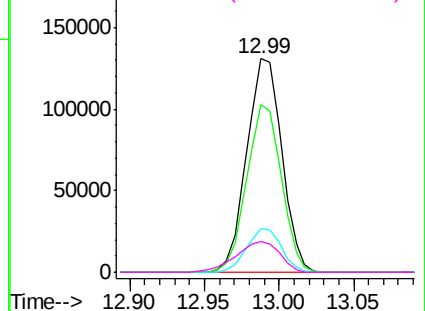


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 118.584 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

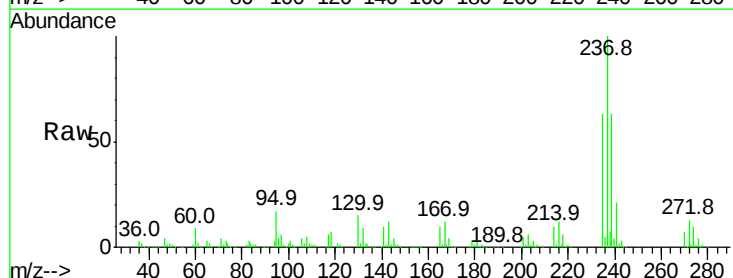
Tgt Ion:237 Resp: 283268

Ion Ratio Lower Upper

237 100

235 62.8 50.4 90.4

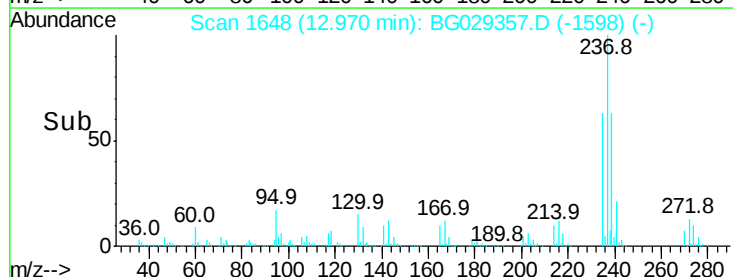
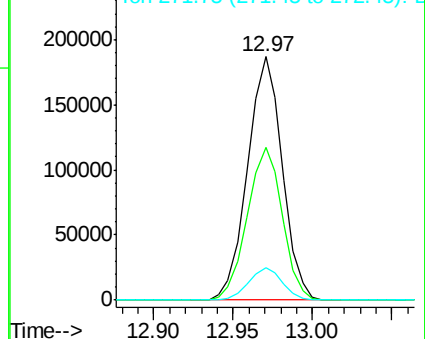
272 13.2 0.0 31.8

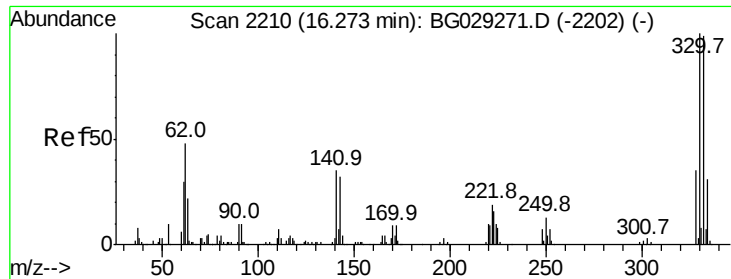


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

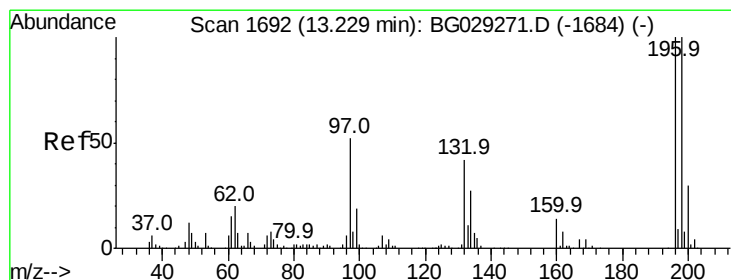
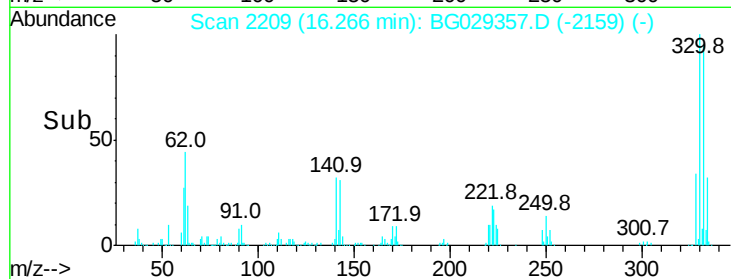
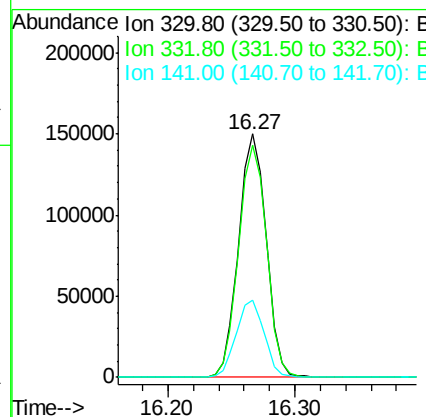
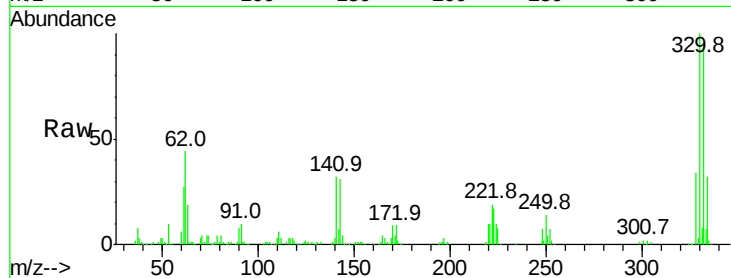




#41
 2,4,6-Tribromophenol
 Concen: 103.142 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

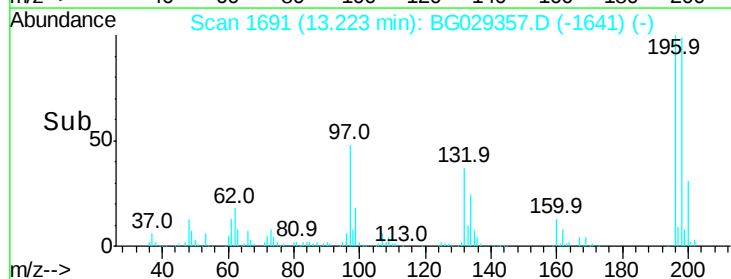
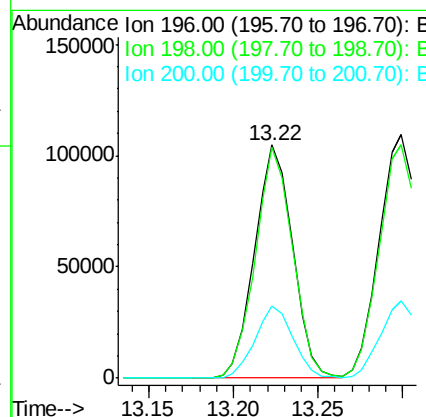
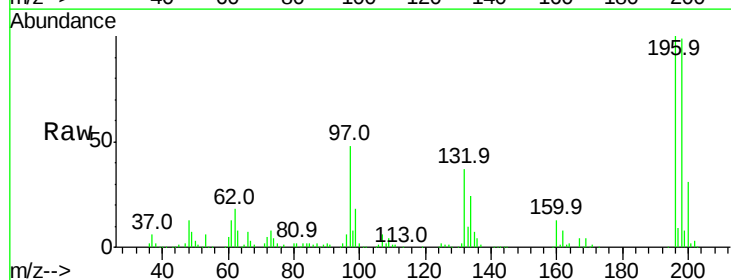
Instrument :
 BNA_G
 ClientSampleId :

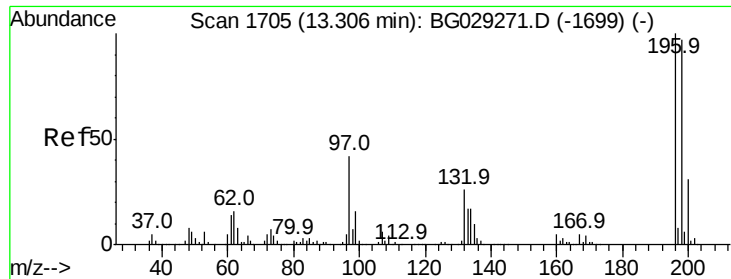
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.2	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 42.418 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	78.2	117.2
200	31.0	24.6	36.8

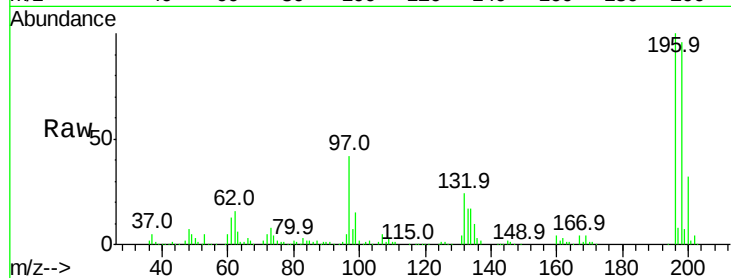




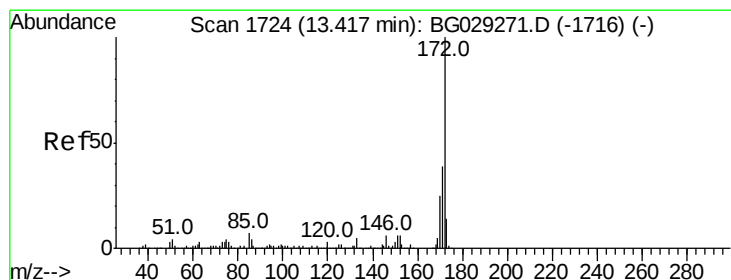
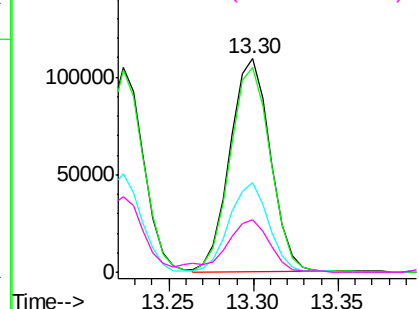
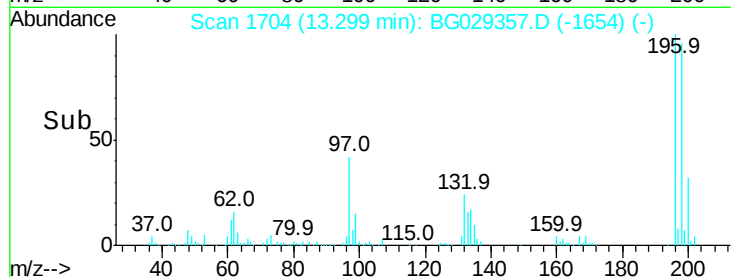
#43
 2,4,5-Trichlorophenol
 Concen: 45.521 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	181404
Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.2	114.4
97	42.3	38.7	58.1
132	24.3	20.2	30.2

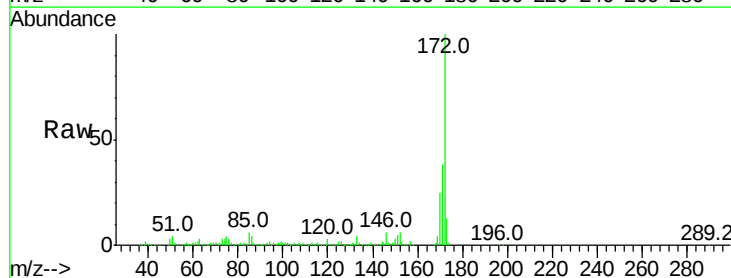


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

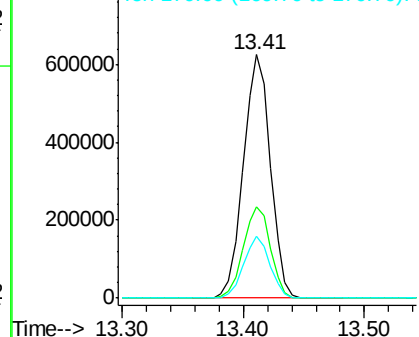
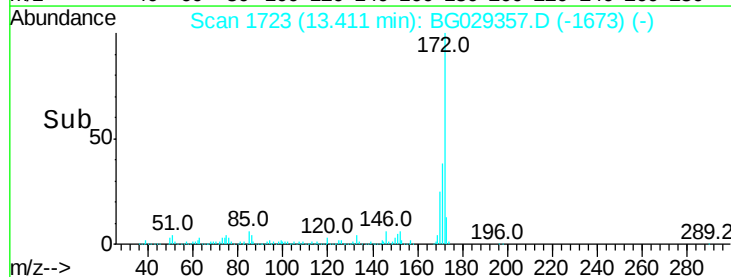


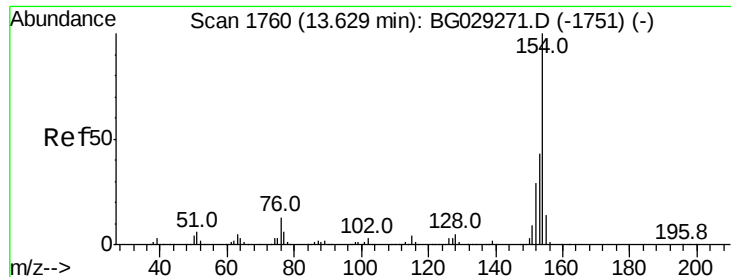
#44
 2-Fluorobiphenyl
 Concen: 84.017 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion:	172	Resp:	969862
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	25.2	19.5	29.3



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





#45

1,1'-Biphenyl

Concen: 36.961 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

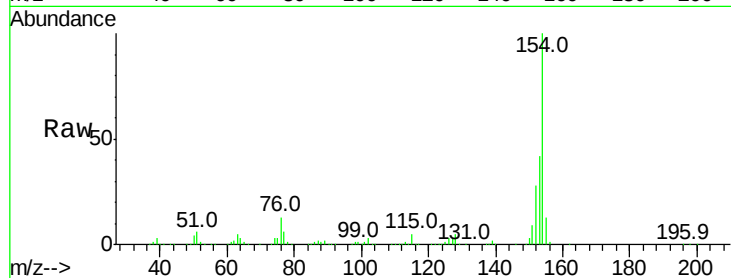
Tot Ion:154 Resp: 537868

Ion Ratio Lower Upper

154 100

153 42.0 19.8 59.8

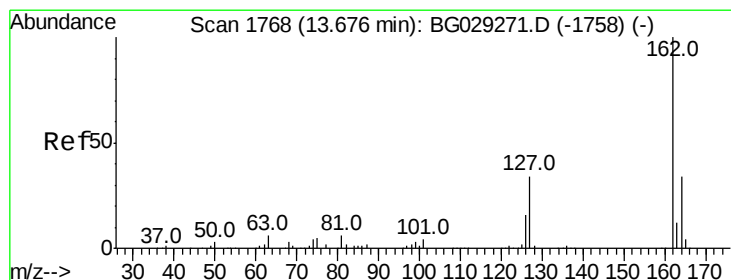
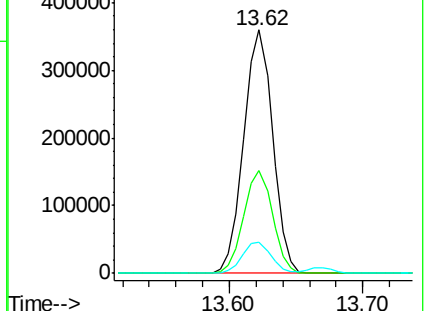
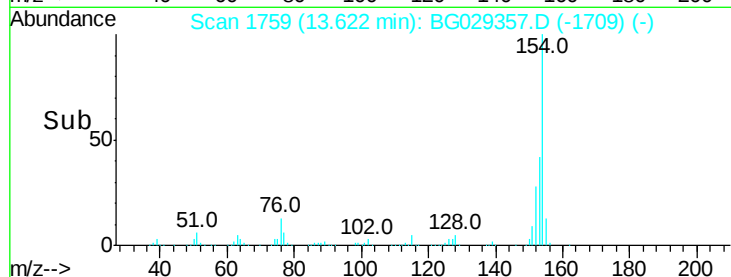
76 12.9 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.180 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

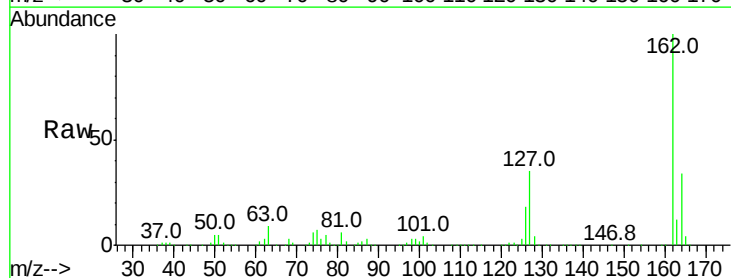
Tgt Ion:162 Resp: 415886

Ion Ratio Lower Upper

162 100

127 35.4 30.7 46.1

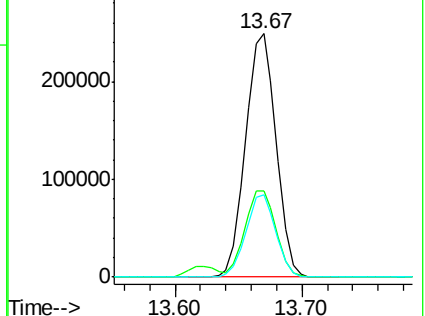
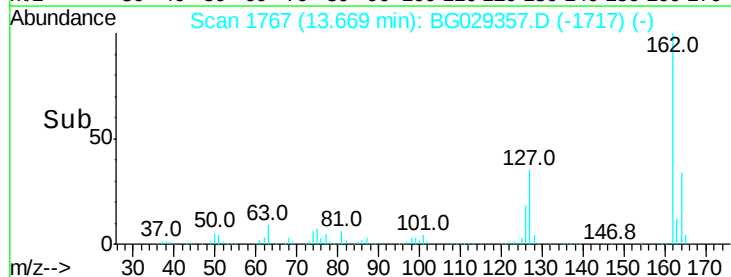
164 33.8 26.0 39.0

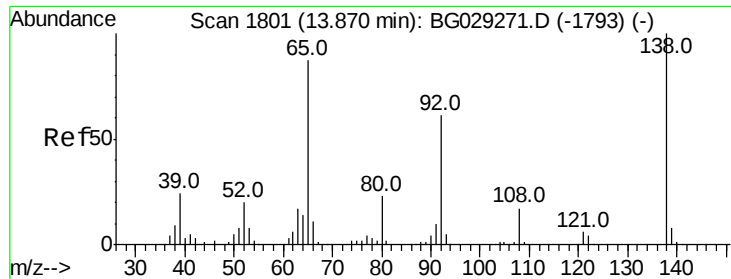


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

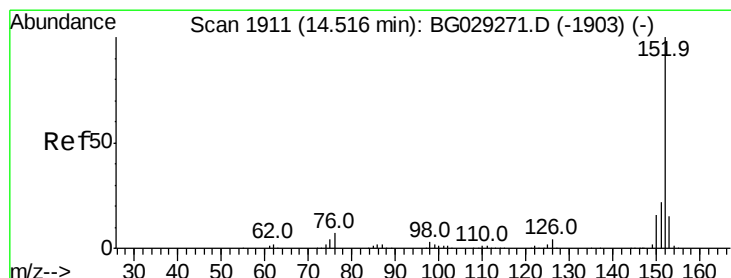
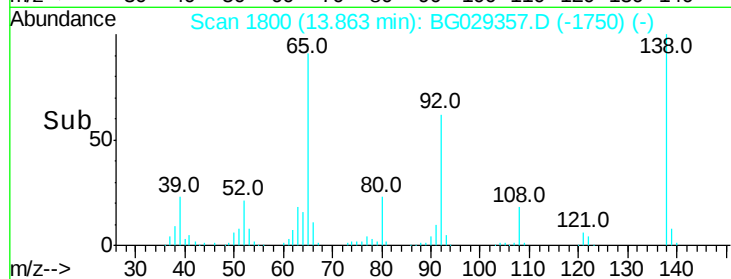
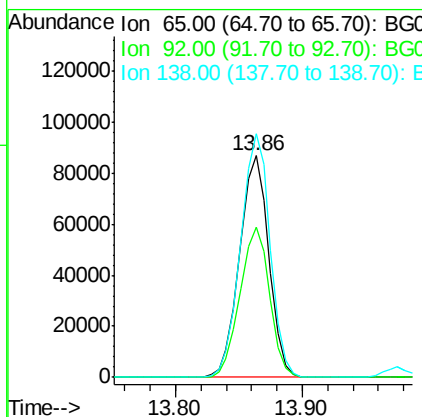
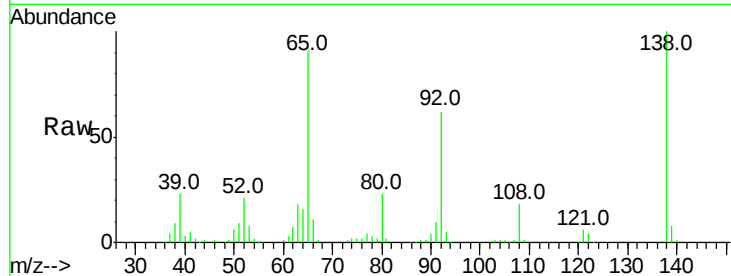




#47
2-Nitroaniline
Concen: 47.709 ng
RT: 13.86 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

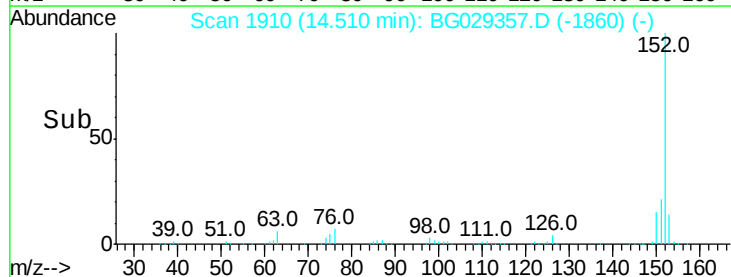
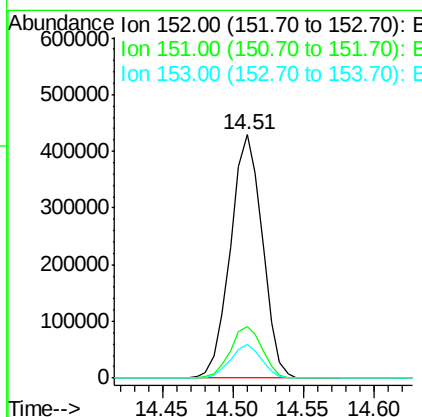
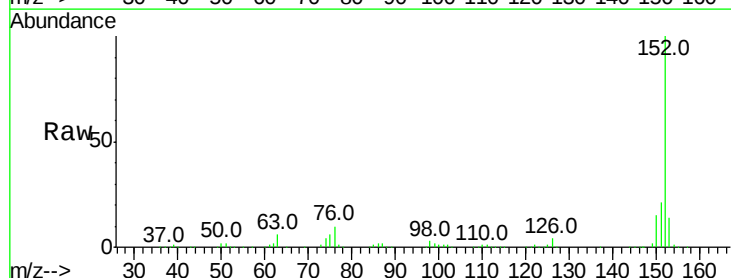
Instrument :
BNA_G
ClientSampleId :

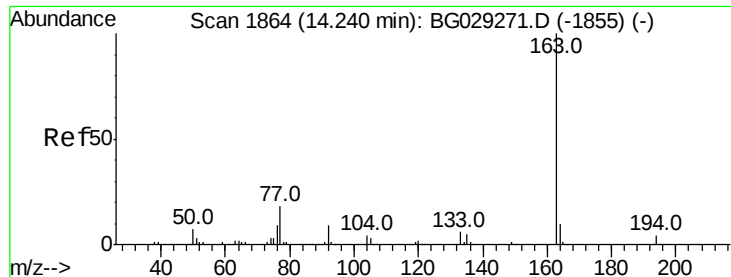
Tot Ion: 65 Resp: 139098
Ion Ratio Lower Upper
65 100
92 67.9 54.6 82.0
138 110.0 72.9 109.3#



#48
Acenaphthylene
Concen: 40.693 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion: 152 Resp: 676012
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 44.075 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG029357.D

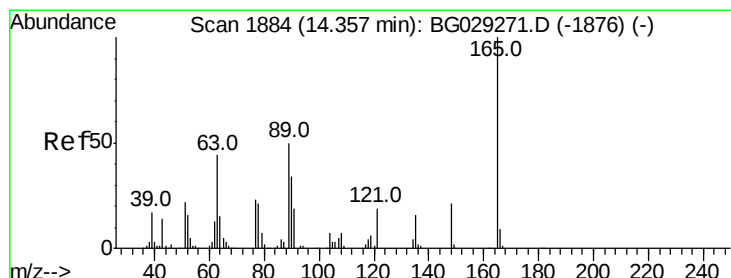
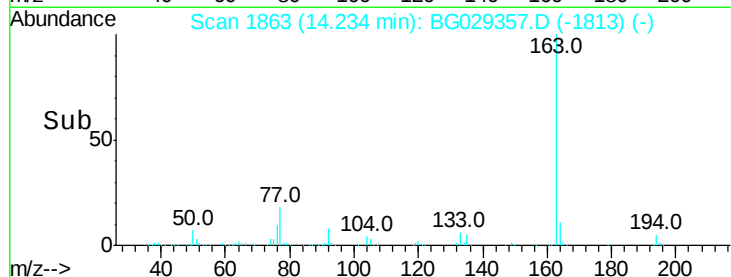
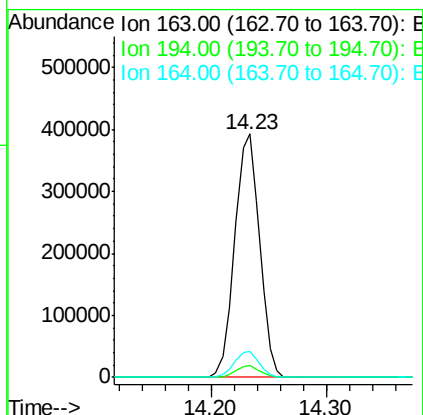
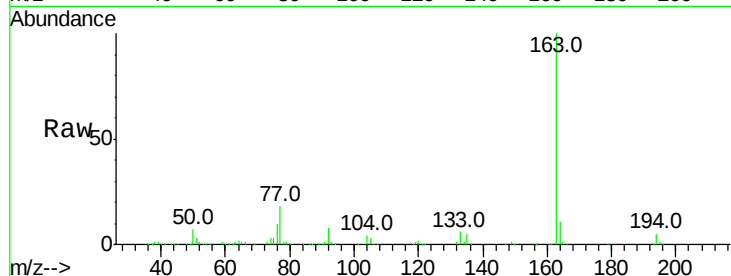
Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampled :

Tot Ion:163	Resp: 582211
Ion Ratio	Lower Upper
163 100	
194 4.9	3.4 5.2
164 10.5	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 47.217 ng

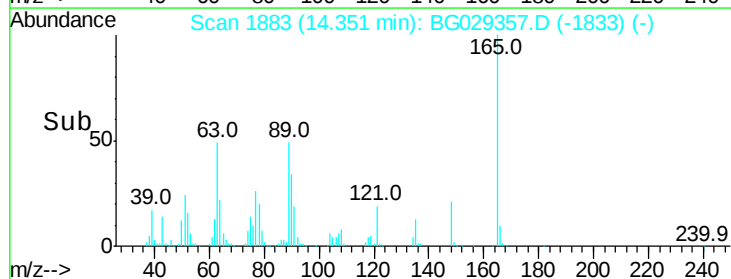
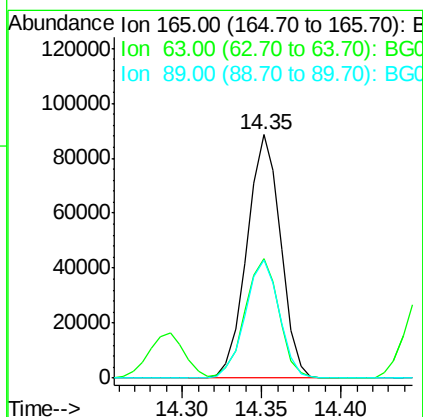
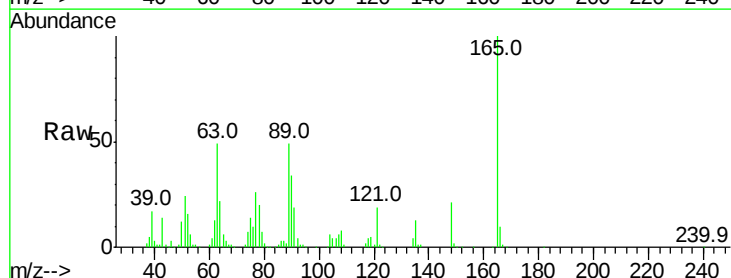
RT: 14.35 min Scan# 1883

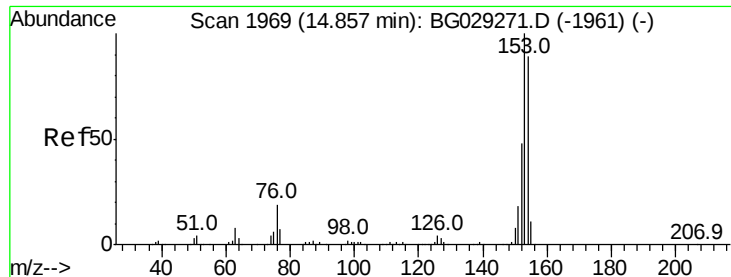
Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Tgt Ion:165	Resp: 130751
Ion Ratio	Lower Upper
165 100	
63 48.9	52.7 79.1#
89 48.8	49.2 73.8#





#51

Acenaphthene

Concen: 38.850 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

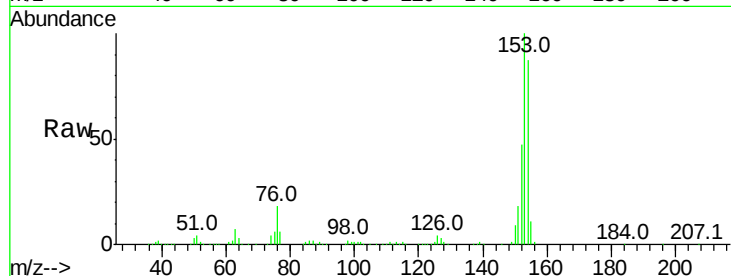
Tot Ion:154 Resp: 419918

Ion Ratio Lower Upper

154 100

153 114.6 90.4 135.6

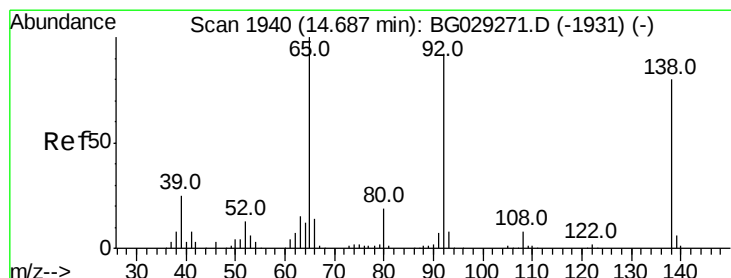
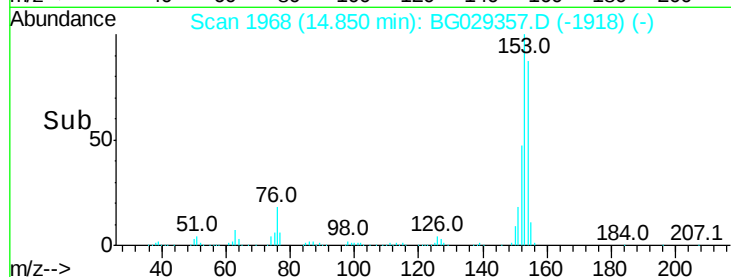
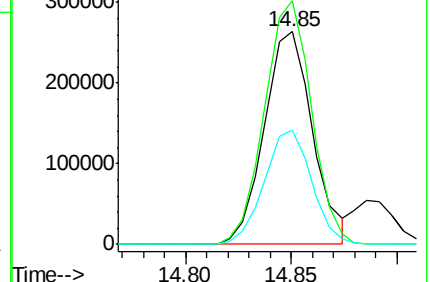
152 53.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.696 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

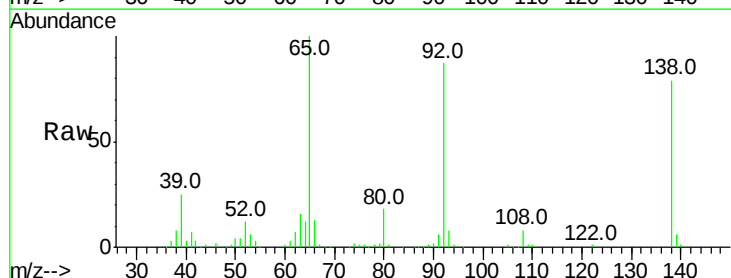
Tgt Ion:138 Resp: 106663

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

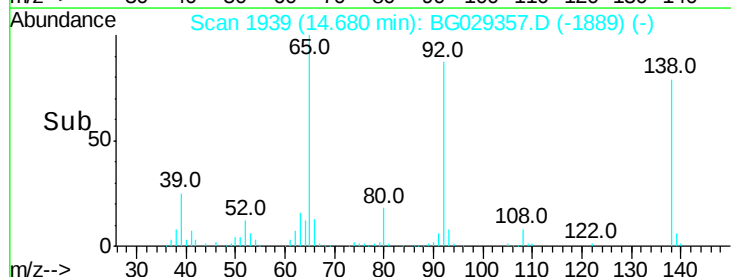
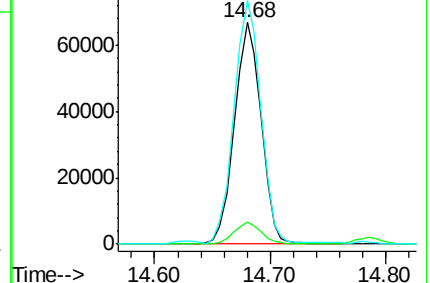
92 109.9 105.8 158.8

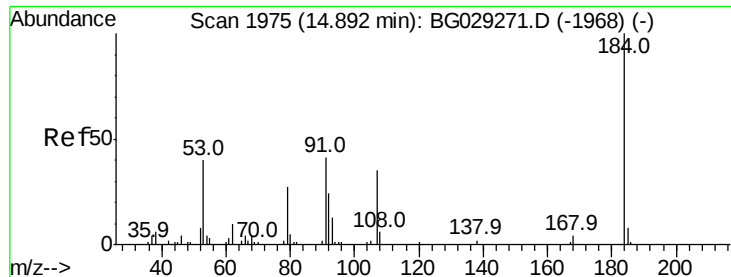


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 98.006 ng

RT: 14.89 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

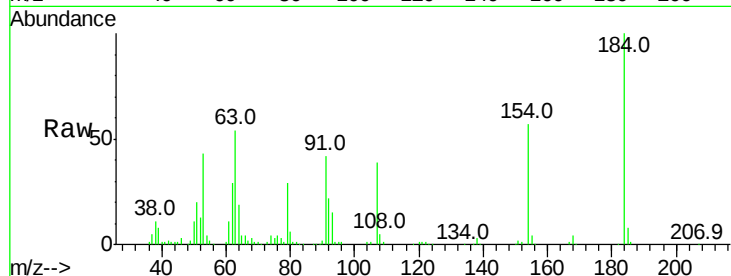
Tot Ion:184 Resp: 151928

Ion Ratio Lower Upper

184 100

63 54.5 59.8 89.8#

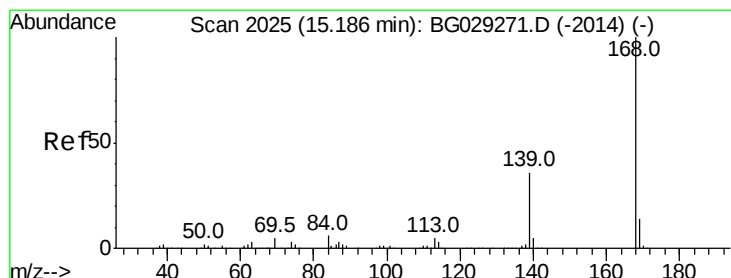
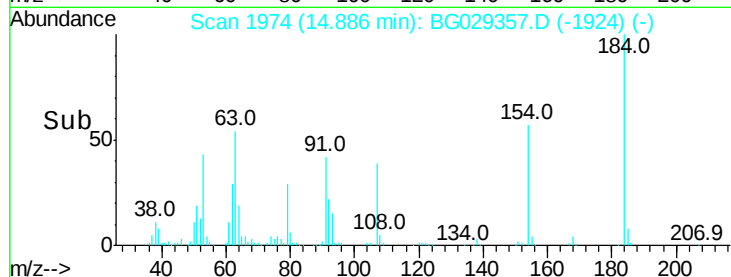
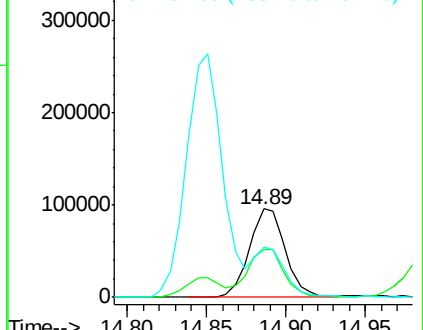
154 56.8 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.448 ng

RT: 15.18 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

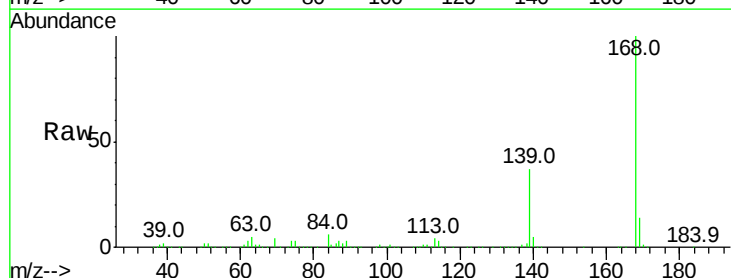
Tgt Ion:168 Resp: 685846

Ion Ratio Lower Upper

168 100

139 37.1 28.6 43.0

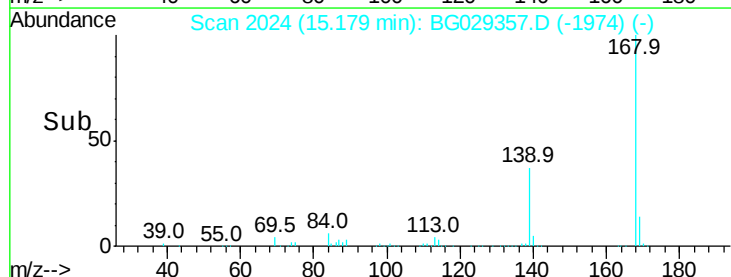
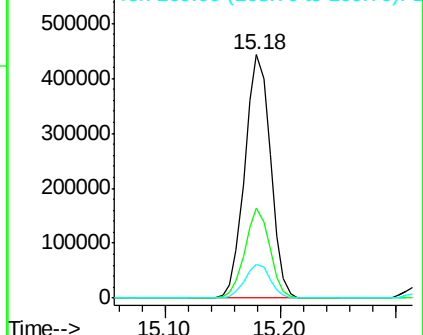
169 13.8 11.2 16.8

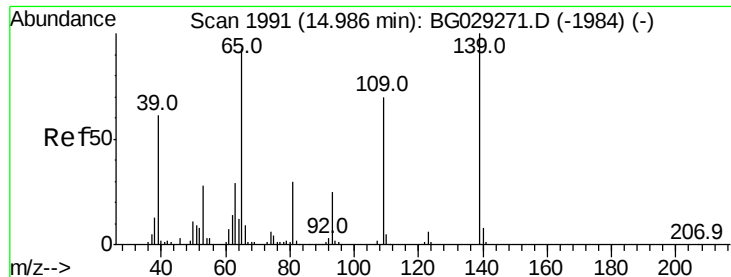


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 102.671 ng

RT: 14.99 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

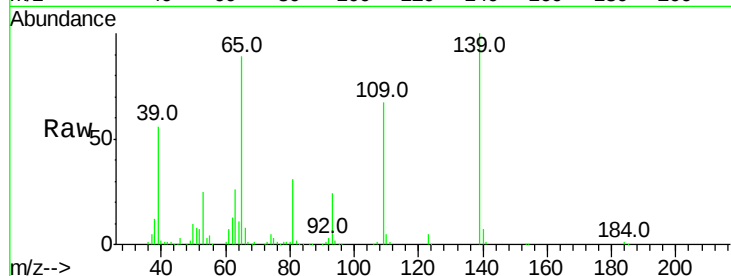
Tot Ion:139 Resp: 252926

Ion Ratio Lower Upper

139 100

109 67.4 62.2 102.2

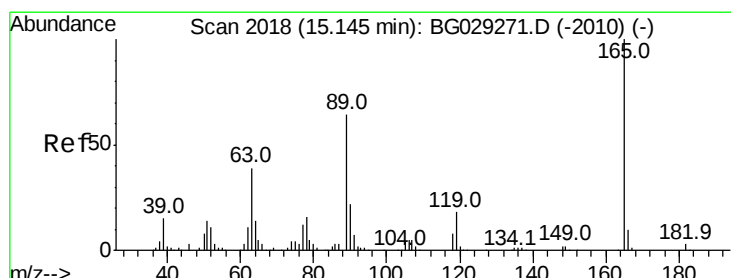
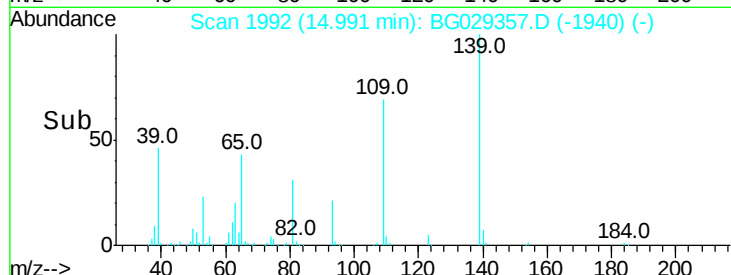
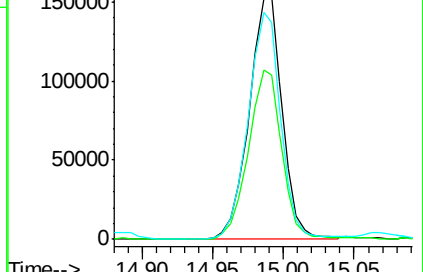
65 88.8 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 50.672 ng

RT: 15.14 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Tgt Ion:165 Resp: 189948

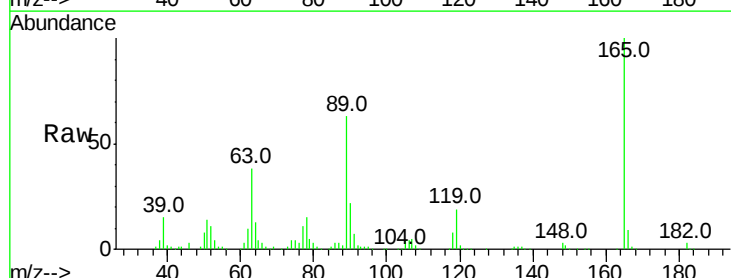
Ion Ratio Lower Upper

165 100

63 37.5 42.0 63.0#

89 63.1 66.9 100.3#

182 2.8 2.6 3.8

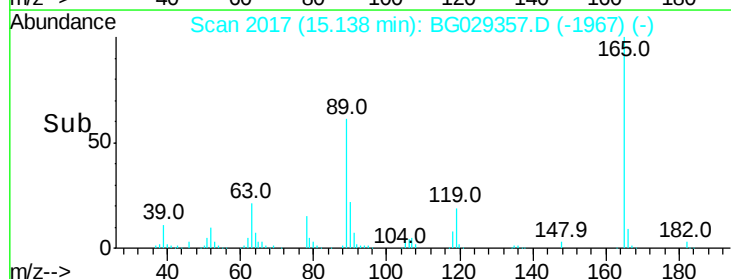
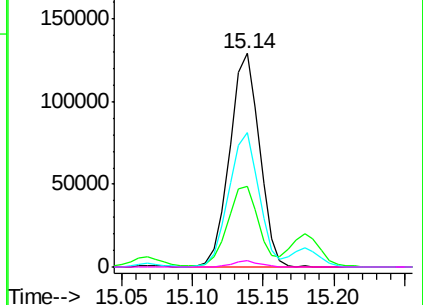


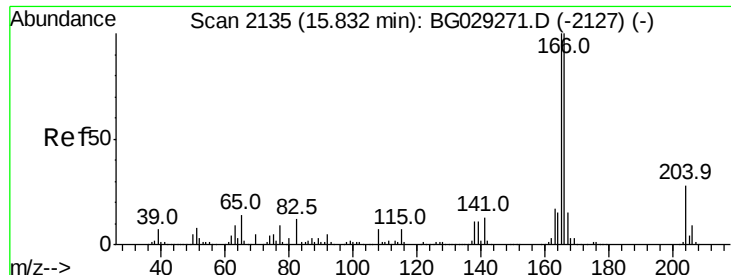
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

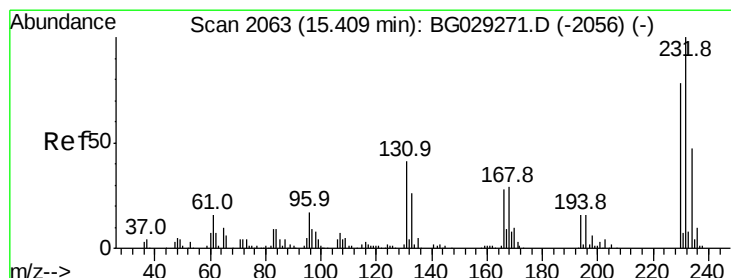
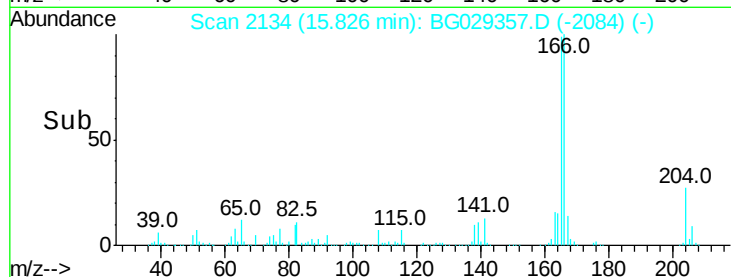
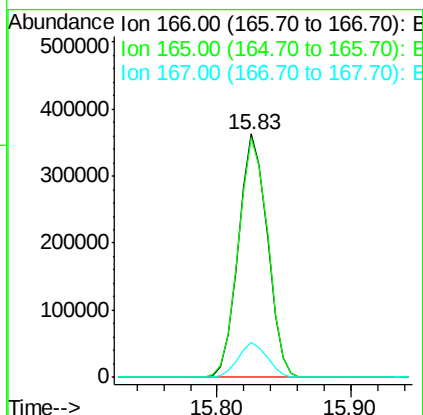
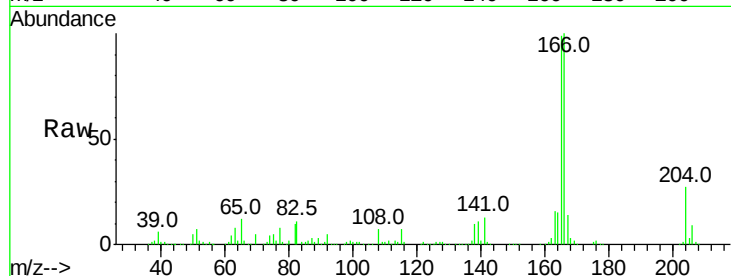




#57
 Fluorene
 Concen: 42.580 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

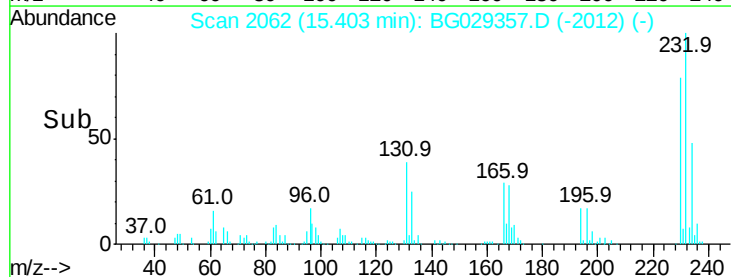
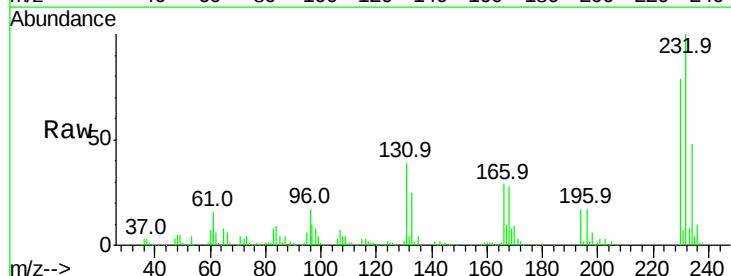
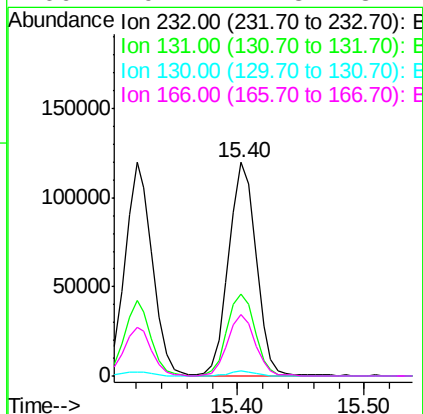
Instrument :
 BNA_G
 ClientSampleId :

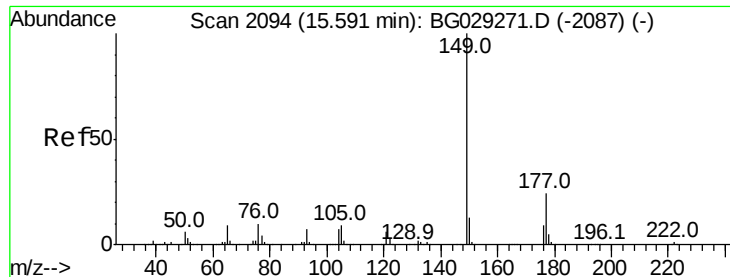
Tot Ion:166 Resp: 542754
 Ion Ratio Lower Upper
 166 100
 165 98.6 80.6 121.0
 167 14.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.917 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion:232 Resp: 179260
 Ion Ratio Lower Upper
 232 100
 131 39.9 33.5 50.3
 130 2.2 2.2 3.2
 166 29.1 24.8 37.2

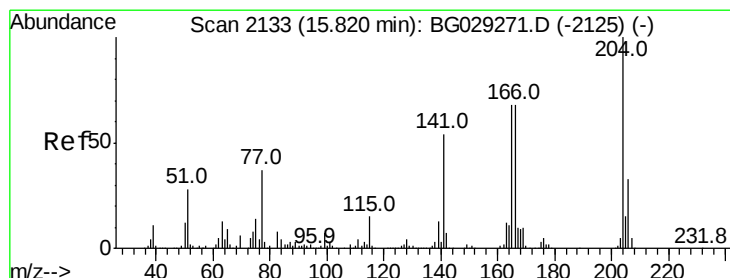
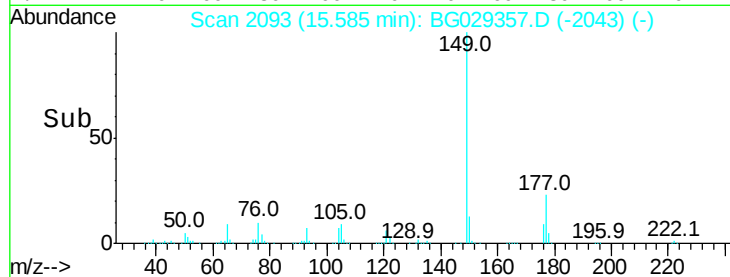
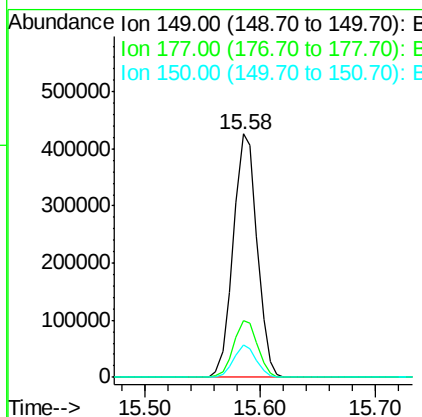
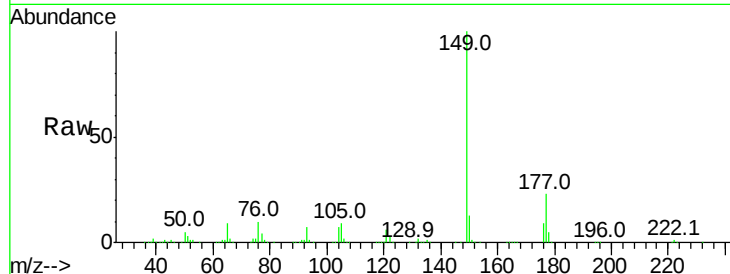




#59
 Diethylphthalate
 Concen: 46.263 ng
 RT: 15.58 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

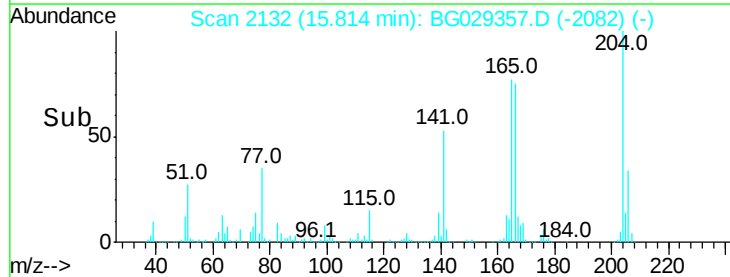
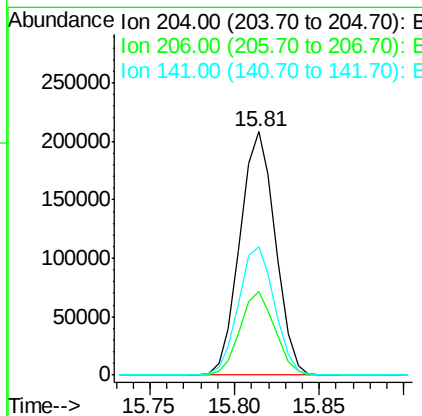
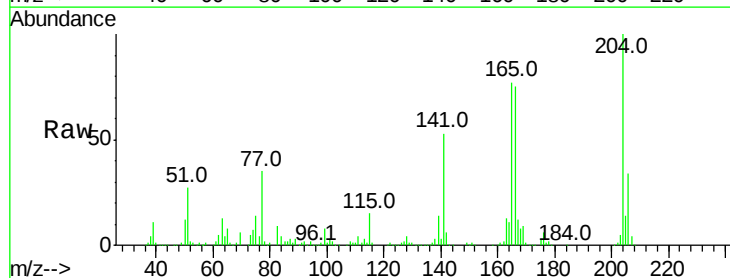
Instrument :
 BNA_G
 ClientSampled :

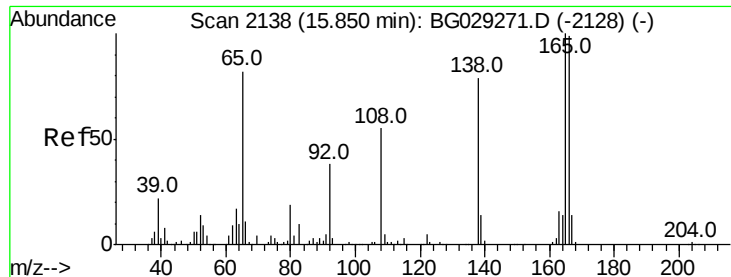
Tot Ion:	149	Resp:	609036
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.5	27.7
150	13.1	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 44.696 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion:	204	Resp:	303761
Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	52.9	45.8	68.6





#61

4-Nitroaniline

Concen: 50.980 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

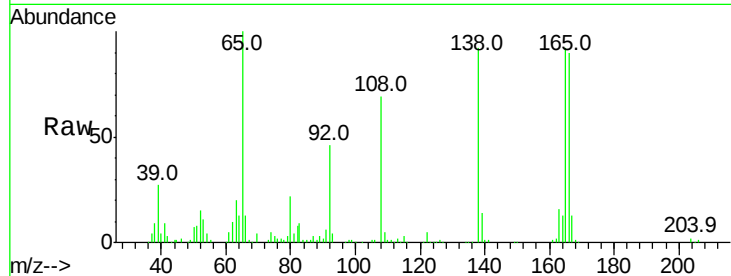
Tot Ion:138 Resp: 156421

Ion Ratio Lower Upper

138 100

92 50.1 40.1 80.1

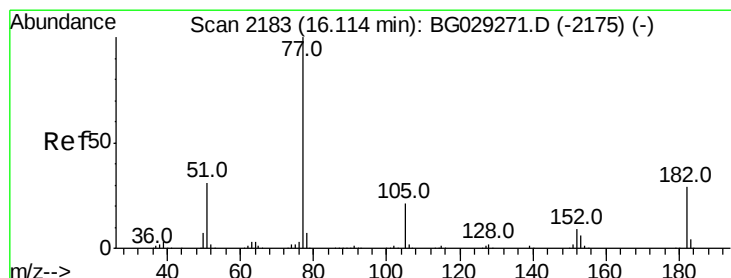
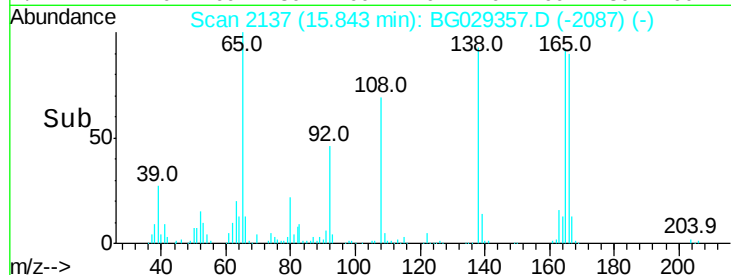
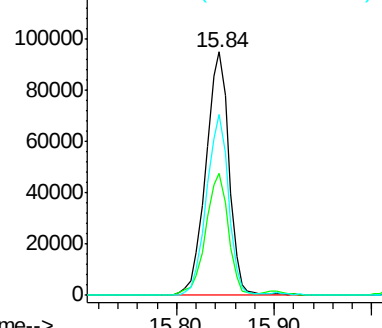
108 74.2 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.210 ng

RT: 16.11 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Tgt Ion: 77 Resp: 524092

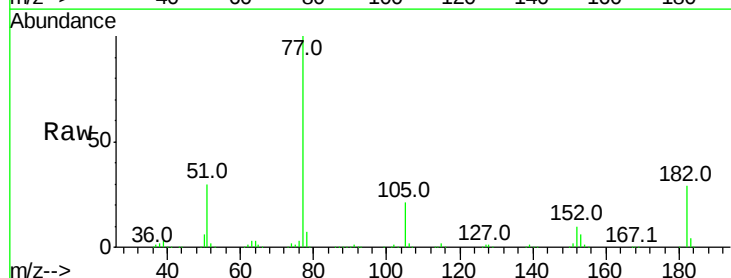
Ion Ratio Lower Upper

77 100

182 29.1 7.4 47.4

105 21.0 0.3 40.3

51 29.8 11.6 51.6

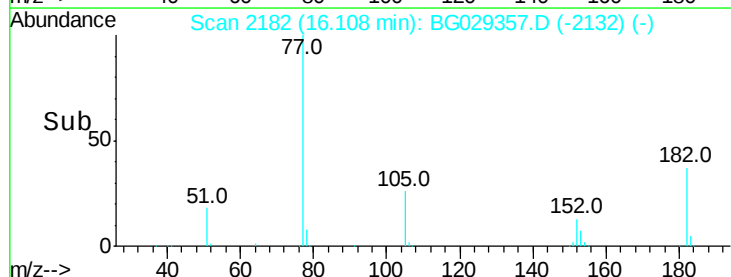
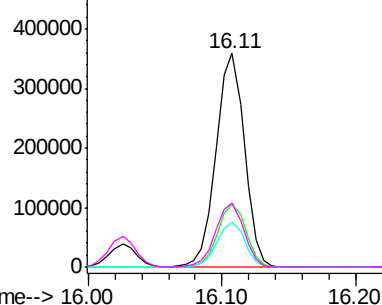


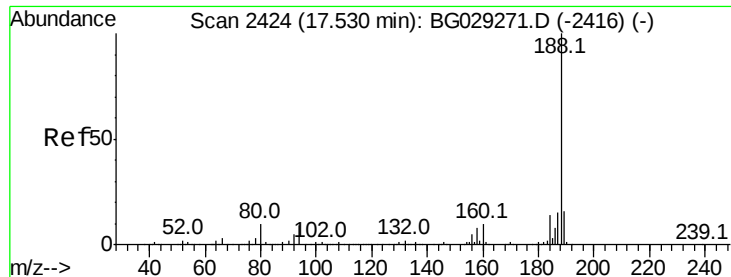
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

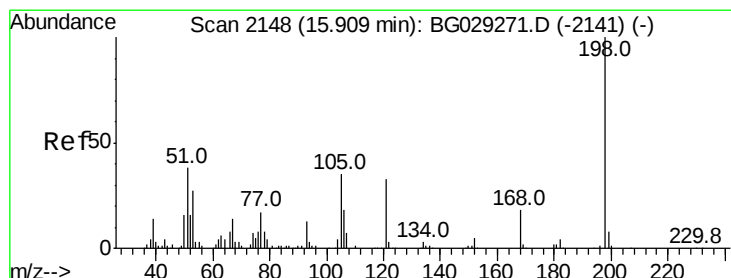
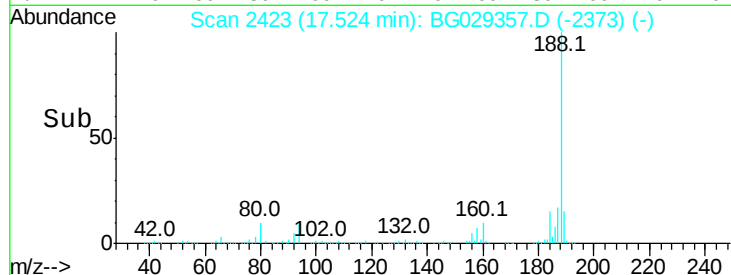
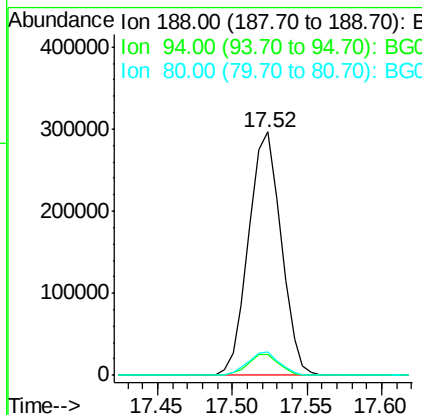
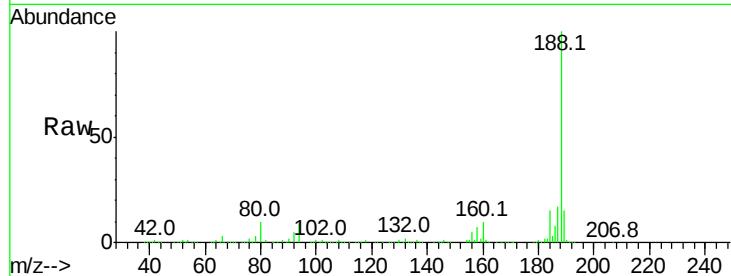




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

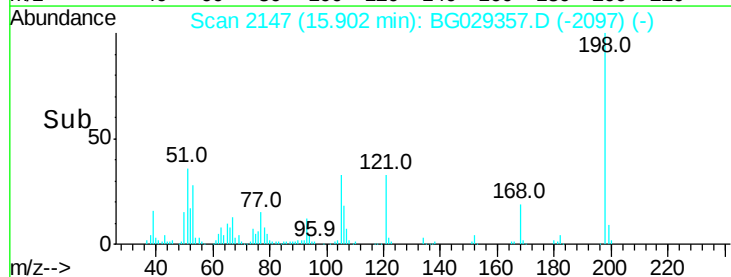
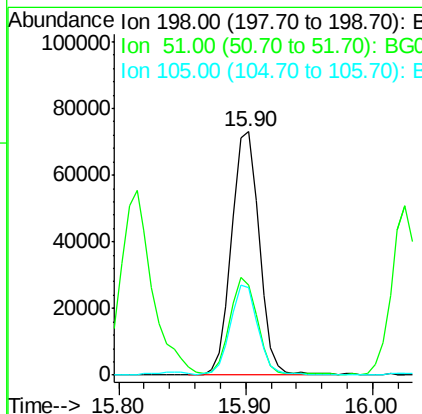
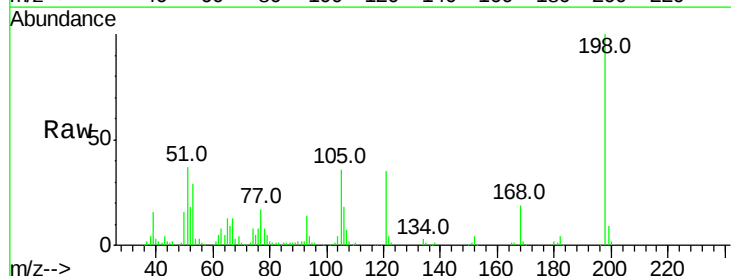
Instrument :
 BNA_G
 ClientSampleId :

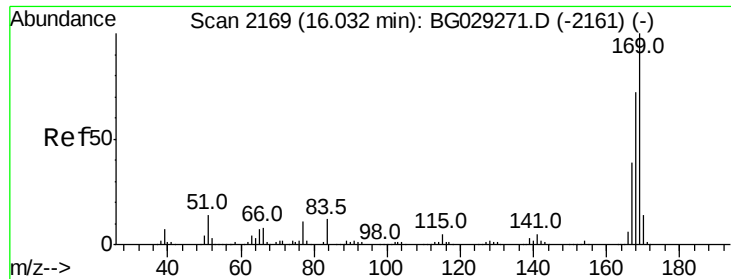
Tot Ion:188 Resp: 445712
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.9 10.3
 80 9.8 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.988 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion:198 Resp: 110311
 Ion Ratio Lower Upper
 198 100
 51 37.0 30.6 70.6
 105 35.8 23.8 63.8

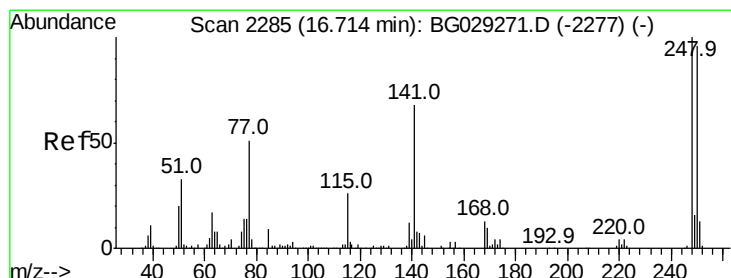
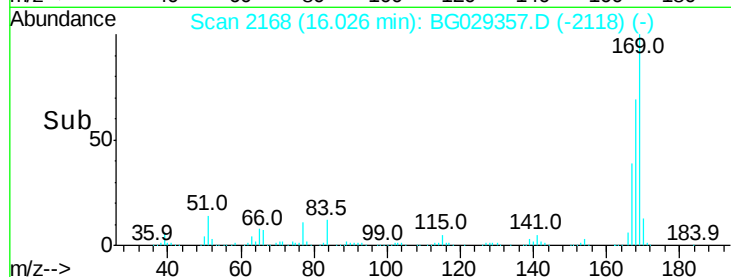
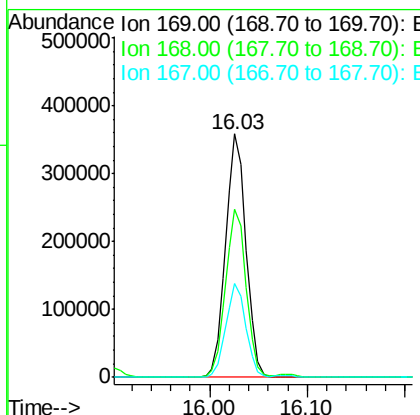
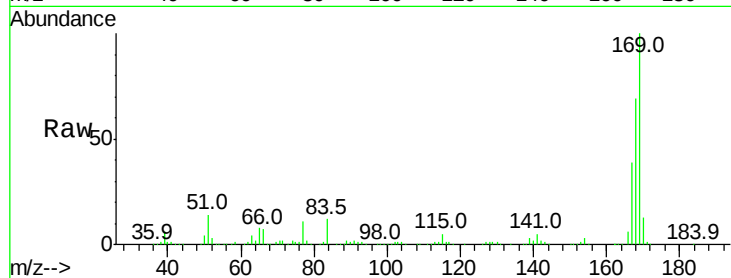




#65
 n-Nitrosodiphenylamine
 Concen: 38.803 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

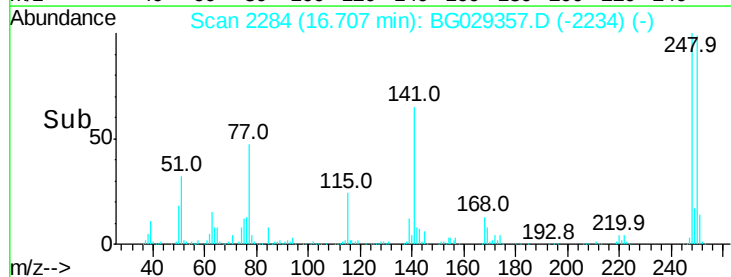
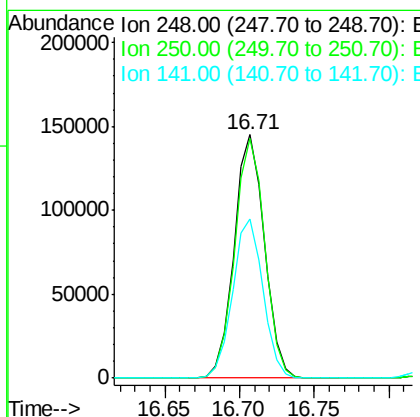
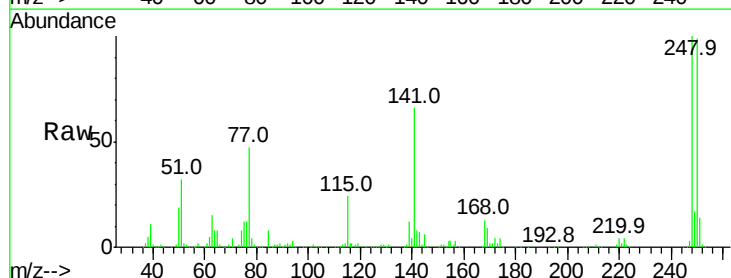
Instrument :
 BNA_G
 ClientSampleID :

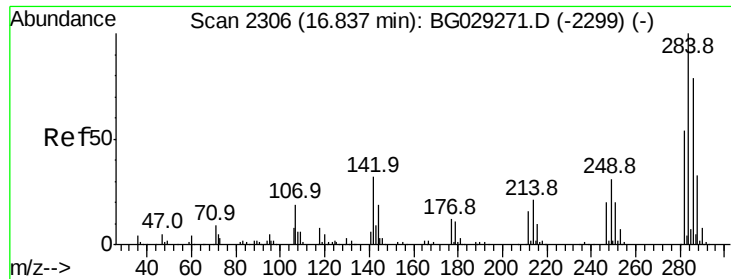
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.7	83.5
167	38.6	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 40.046 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.1	115.7
141	65.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 37.887 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

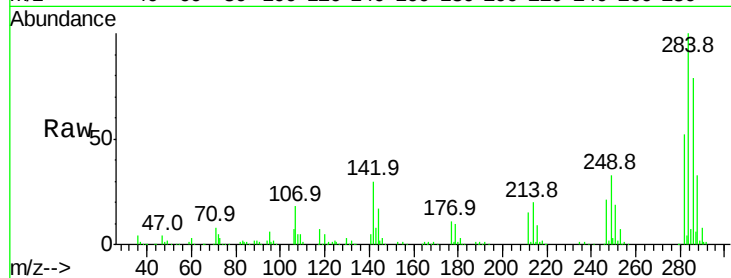
Tot Ion:284 Resp: 219492

Ion Ratio Lower Upper

284 100

142 29.5 26.8 40.2

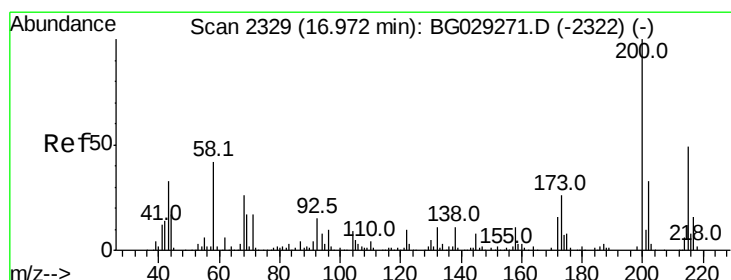
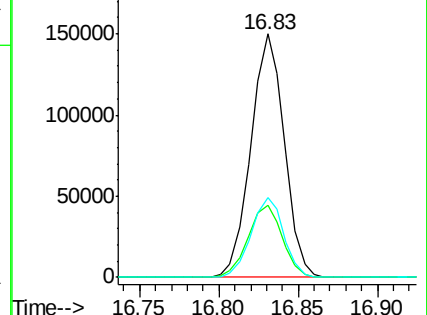
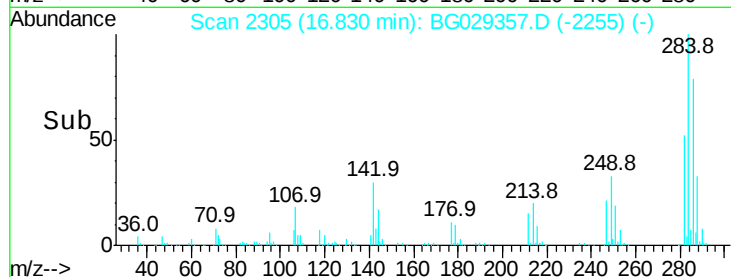
249 32.7 26.3 39.5



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: 46.161 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

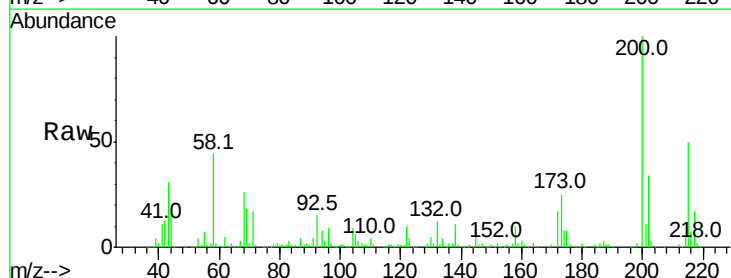
Tgt Ion:200 Resp: 219915

Ion Ratio Lower Upper

200 100

173 25.1 5.2 45.2

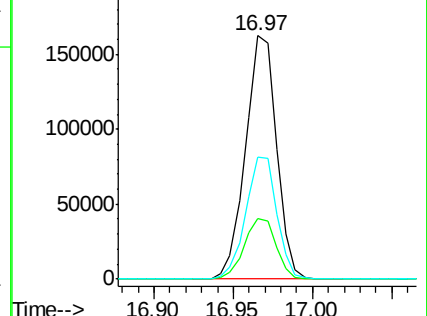
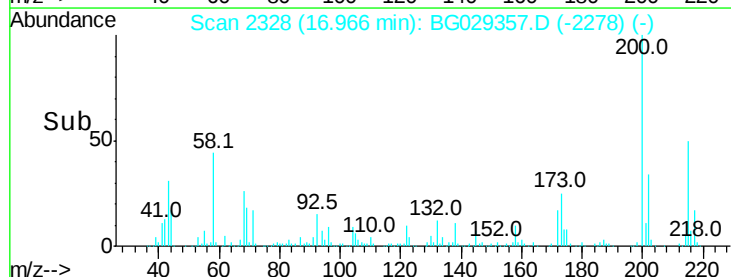
215 49.9 30.4 70.4

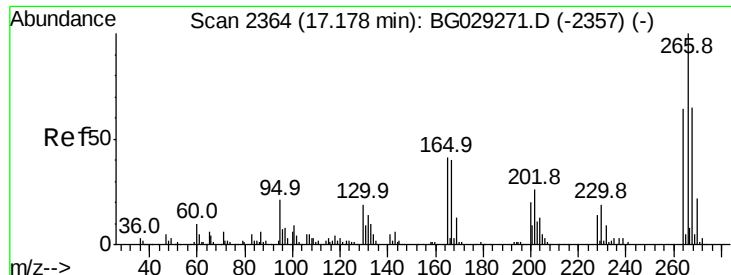


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 91.053 ng

RT: 17.17 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

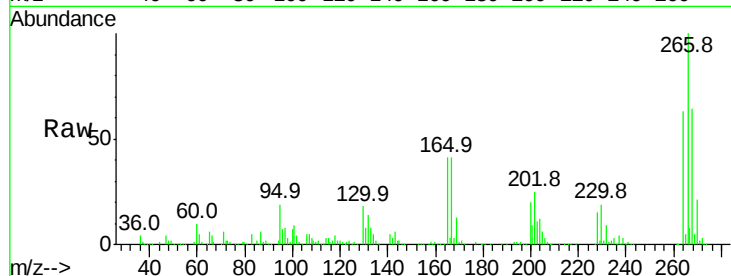
Tot Ion:266 Resp: 303022

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

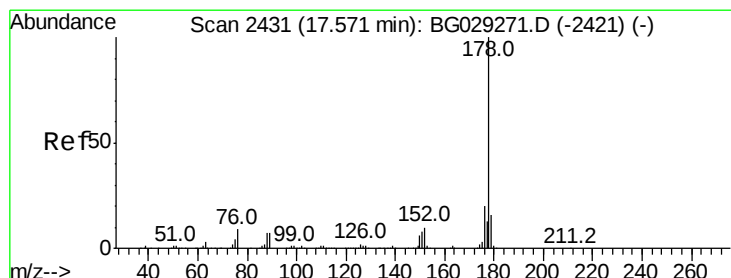
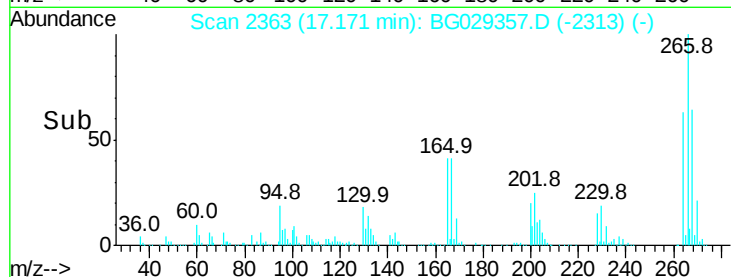
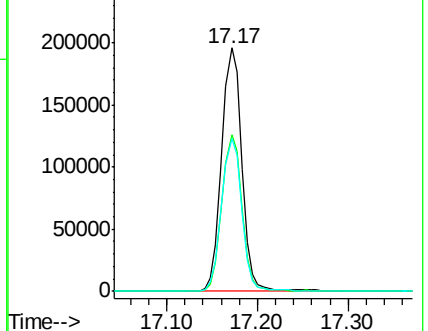
264 62.7 49.6 74.4



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: 41.597 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

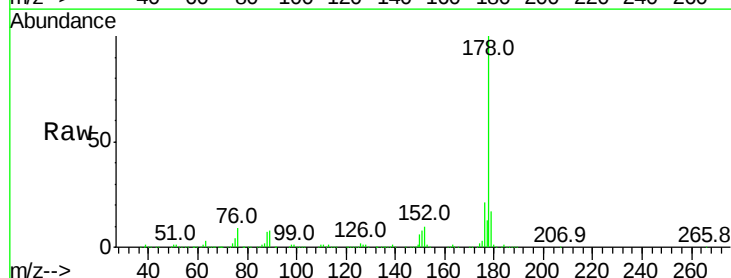
Tgt Ion:178 Resp: 957809

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

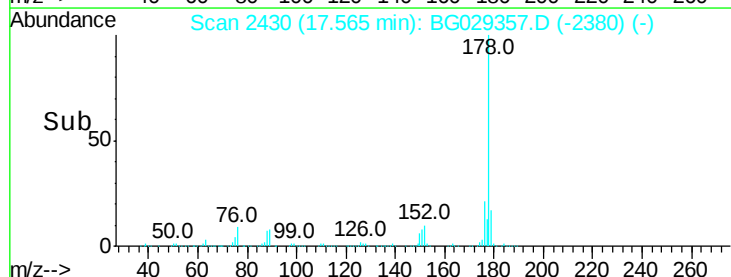
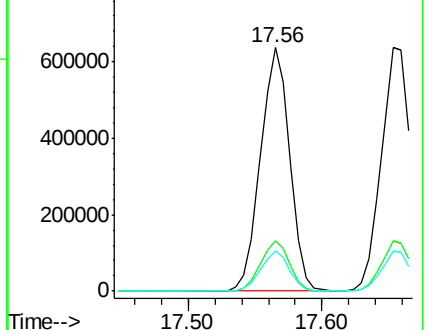
179 16.6 12.5 18.7

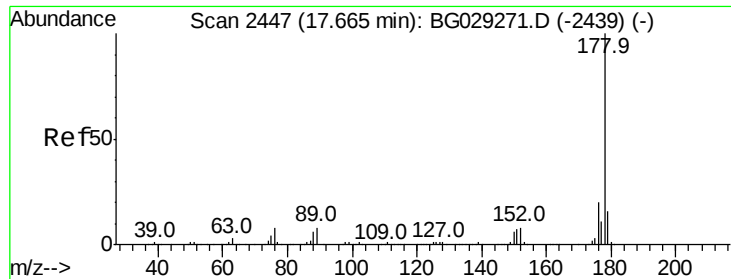


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

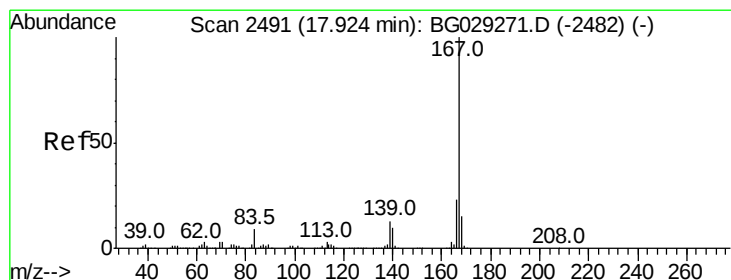
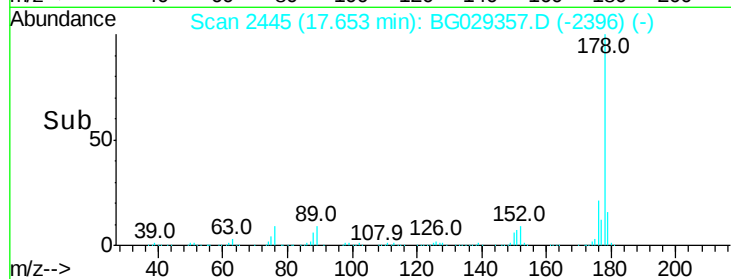
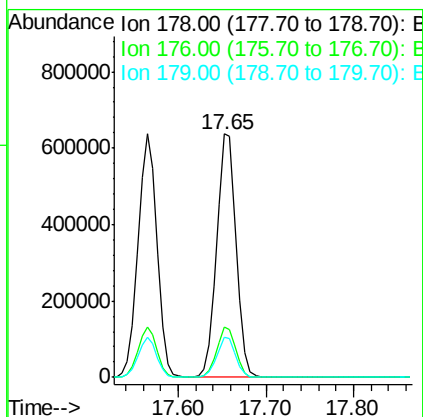
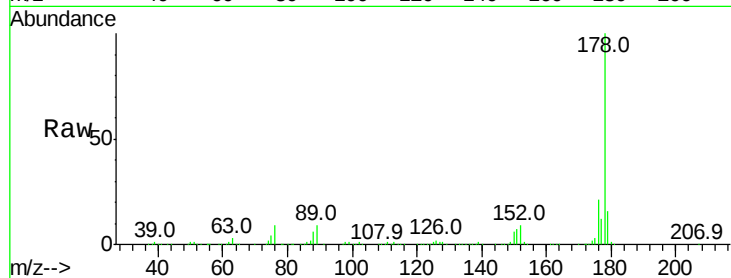




#71
 Anthracene
 Concen: 42.468 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

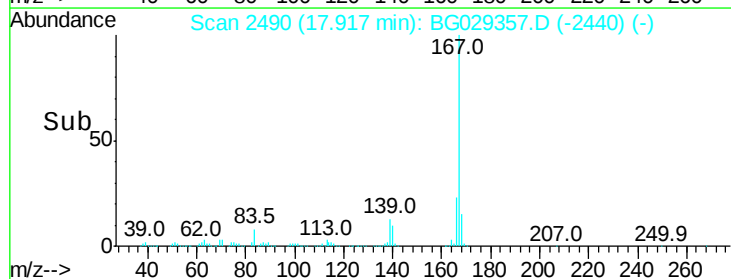
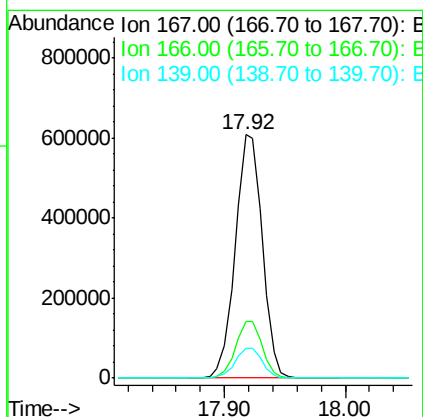
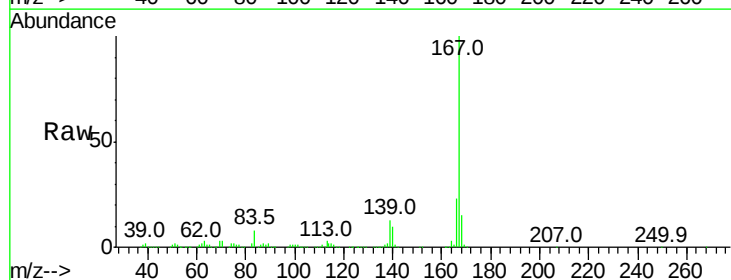
Instrument :
 BNA_G
 ClientSampleId :

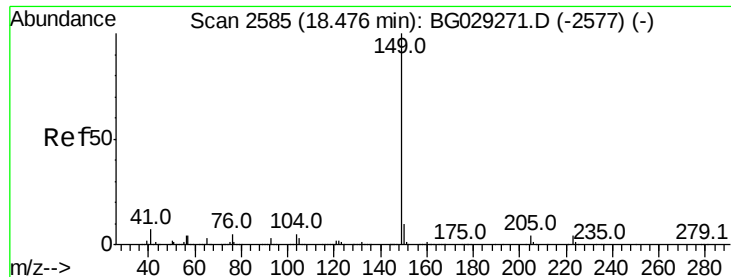
Tot Ion:178 Resp: 981891
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.0 24.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 42.670 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion:167 Resp: 947695
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 43.758 ng

RT: 18.47 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

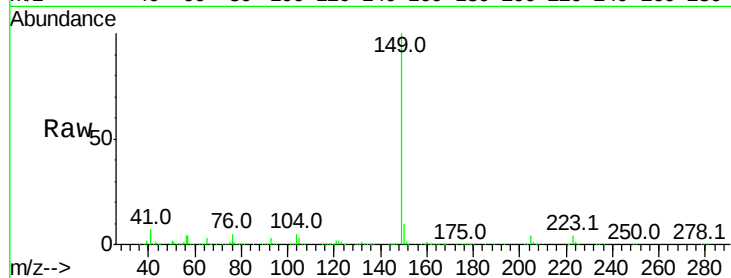
Tot Ion:149 Resp: 1117781

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

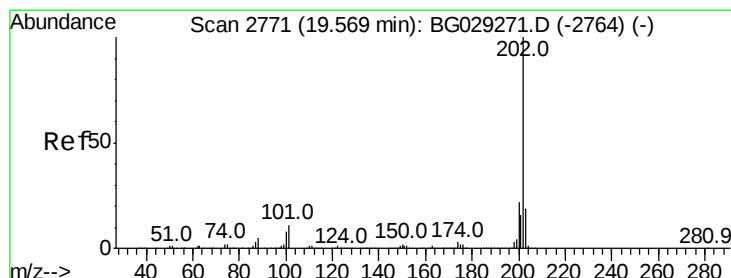
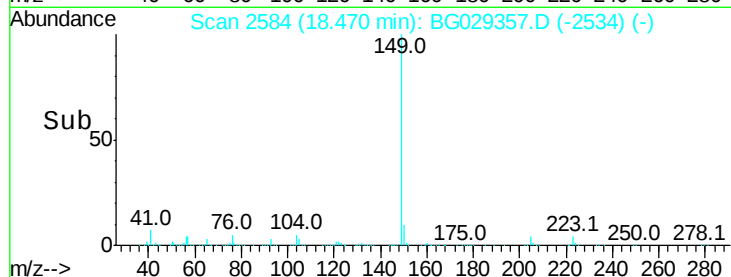
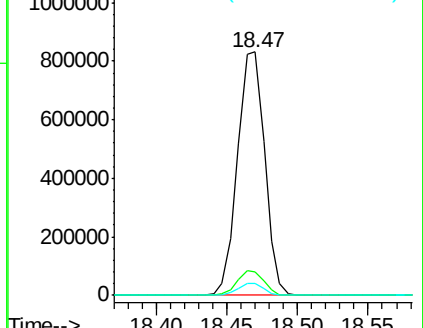
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.462 ng

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

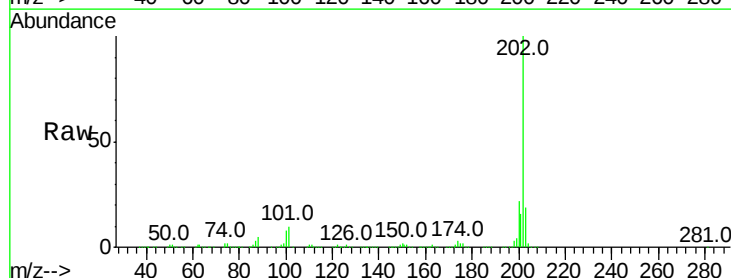
Tgt Ion:202 Resp: 1224359

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.9

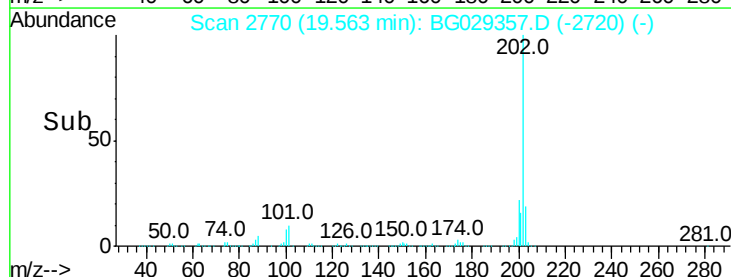
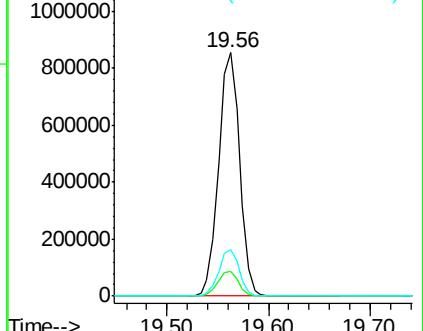
203 18.9 0.0 37.5

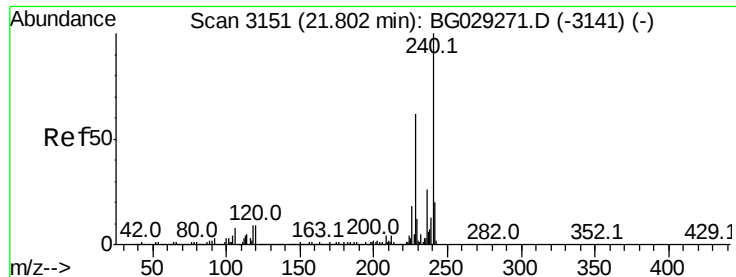


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

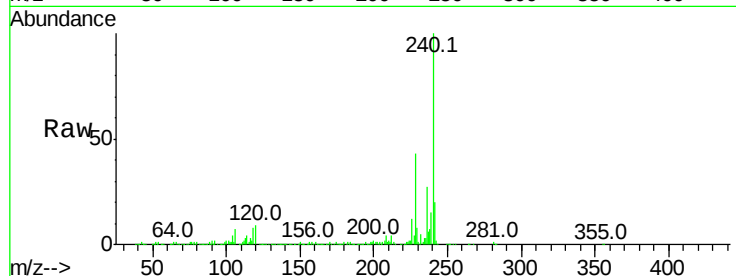
Tot Ion:240 Resp: 498370

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

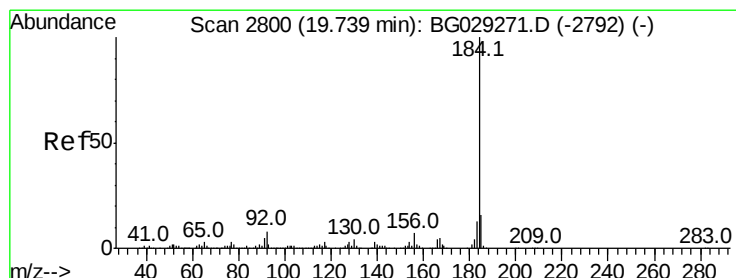
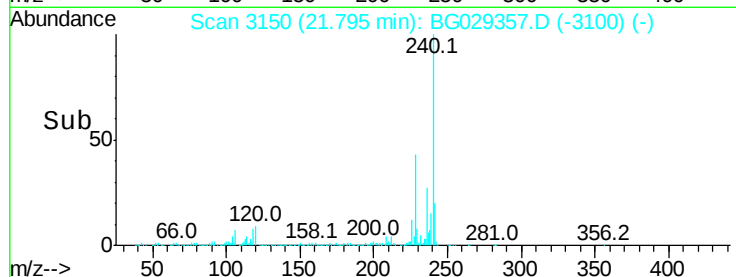
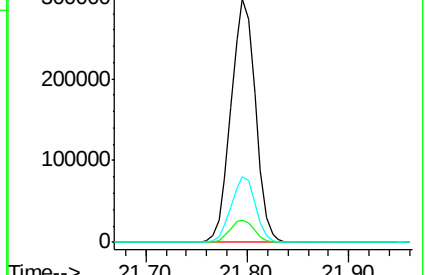
236 26.9 20.9 31.3



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: 32.171 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

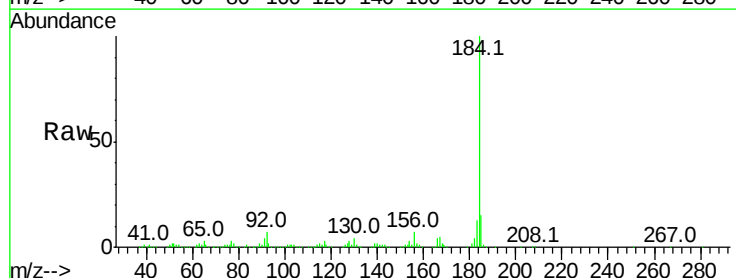
Tgt Ion:184 Resp: 484091

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

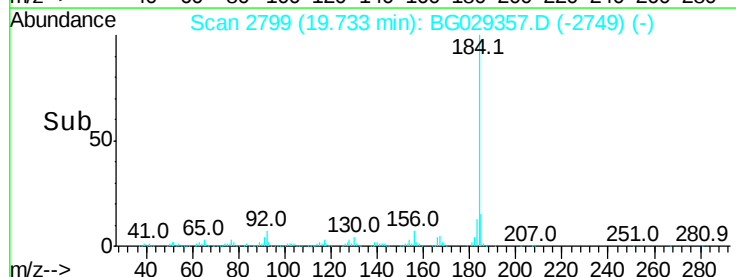
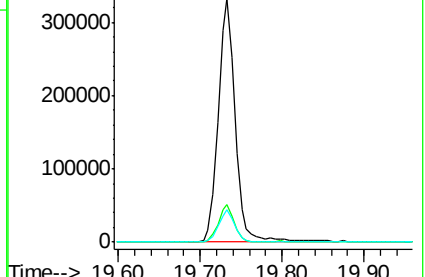
183 13.3 10.6 16.0

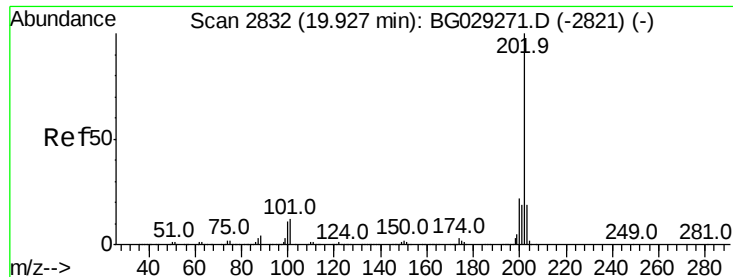


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.588 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

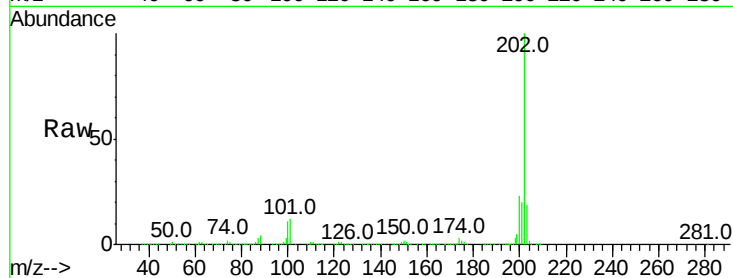
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1257292

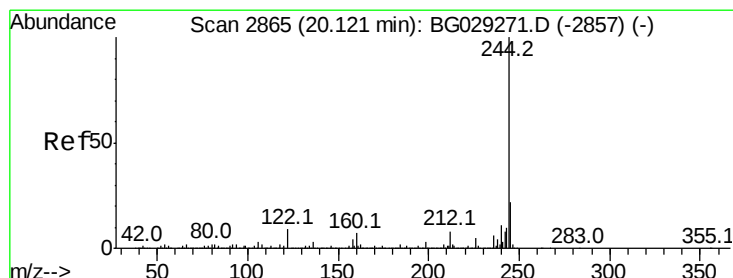
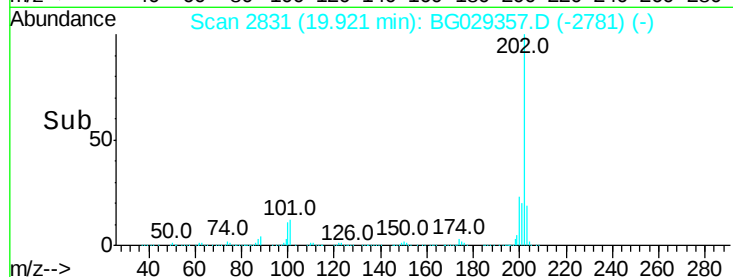
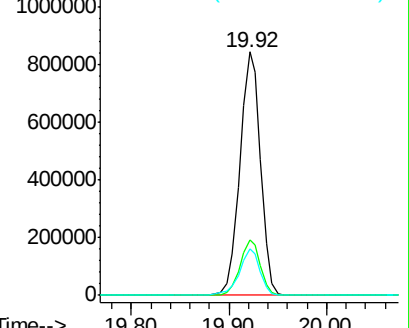
Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.9	13.9	20.9



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: 83.890 ng

RT: 20.11 min Scan# 2864

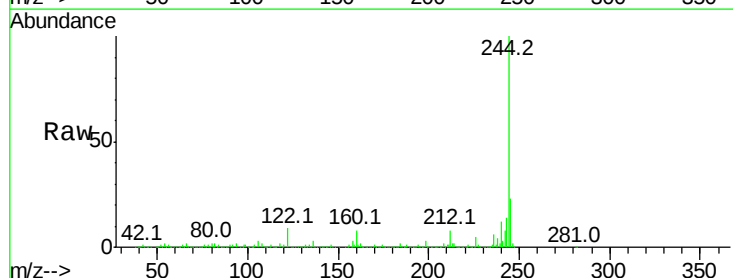
Delta R.T. -0.01 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Tgt Ion:244 Resp: 1837782

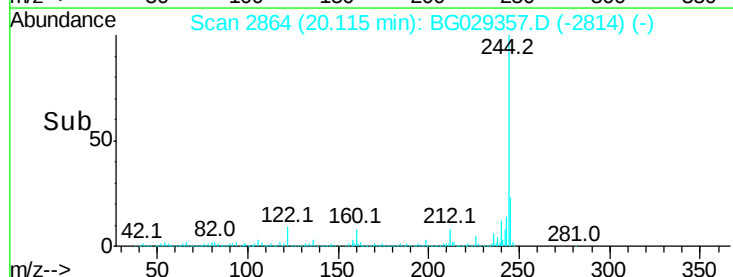
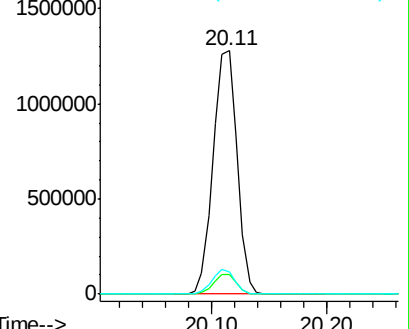
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.3	7.0	10.4

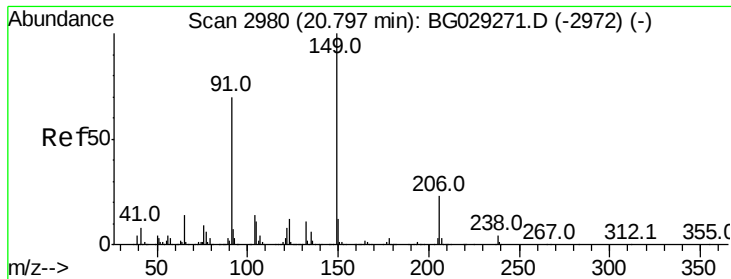


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

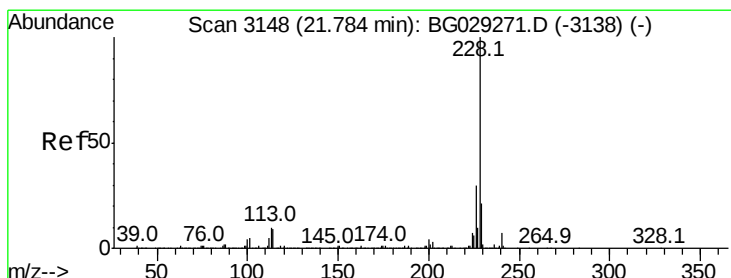
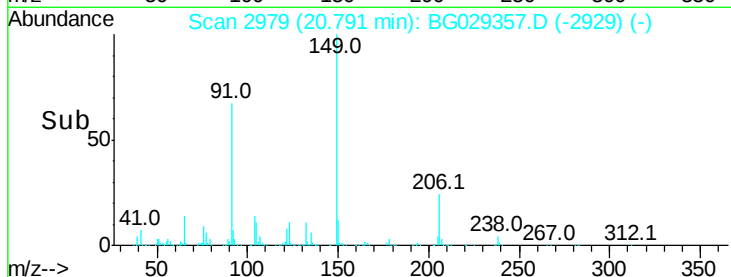
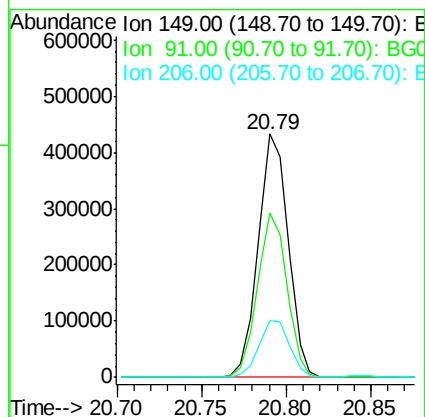
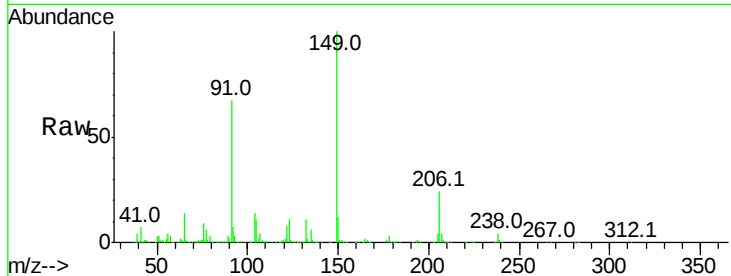




#79
Butylbenzylphthalate
Concen: 41.613 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

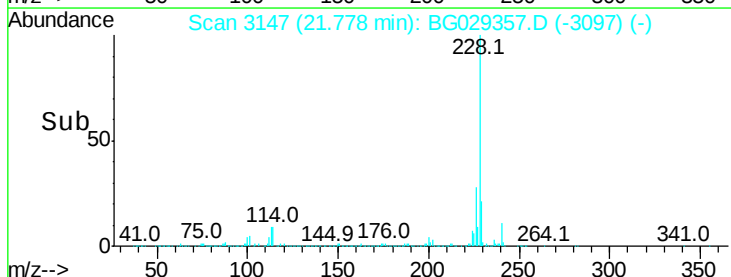
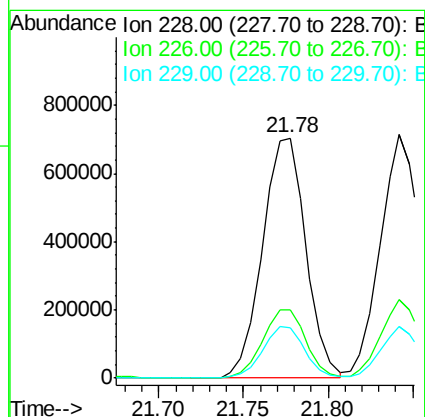
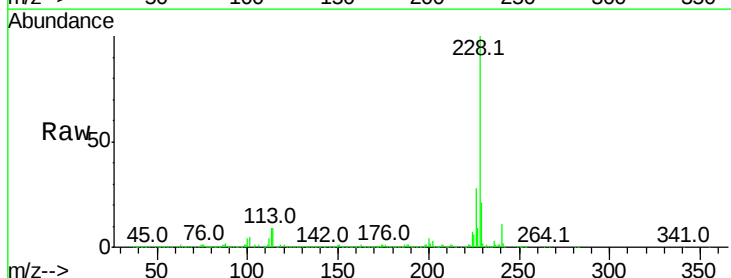
Instrument :
BNA_G
ClientSampleId :

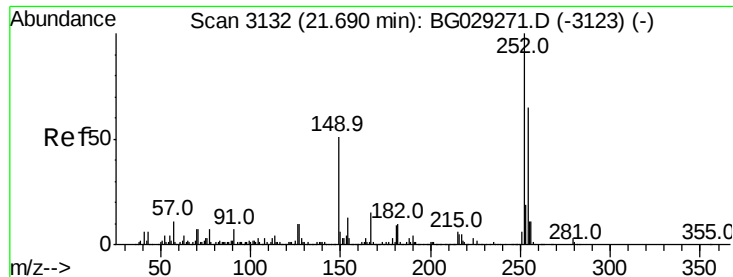
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	62.2	93.2
206	23.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 42.831 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.8	16.2	24.2

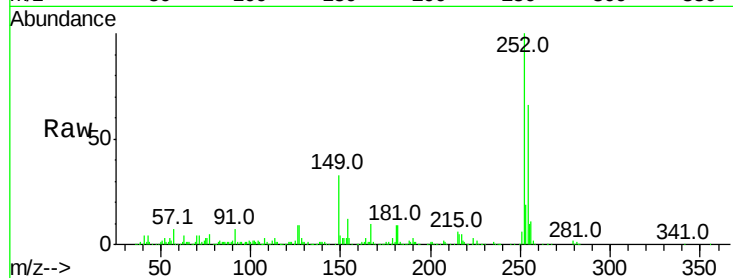




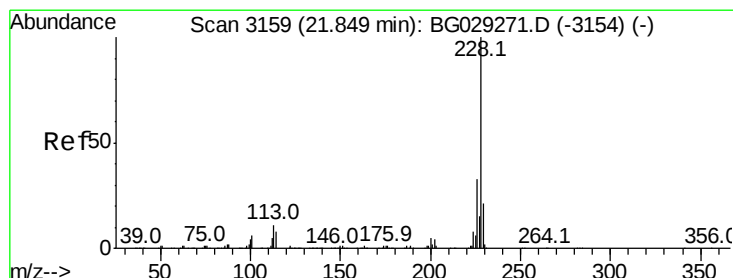
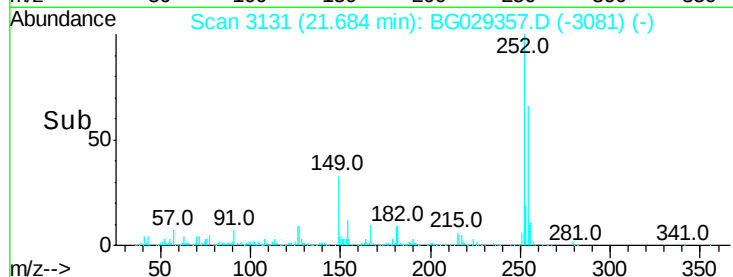
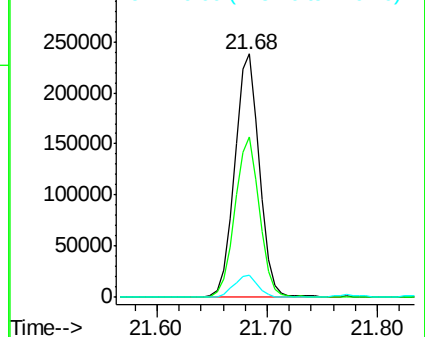
#81
 3,3'-Dichlorobenzidine
 Concen: 30.890 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 373066
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.8 76.2
 126 8.9 7.4 11.2

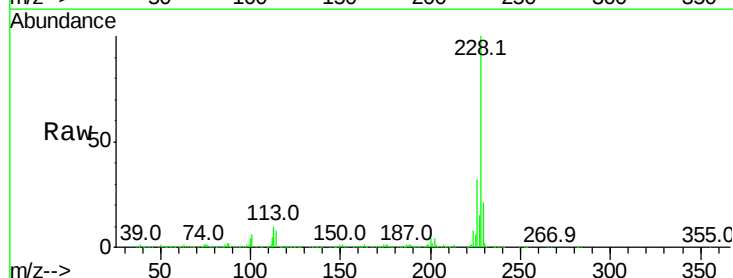


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

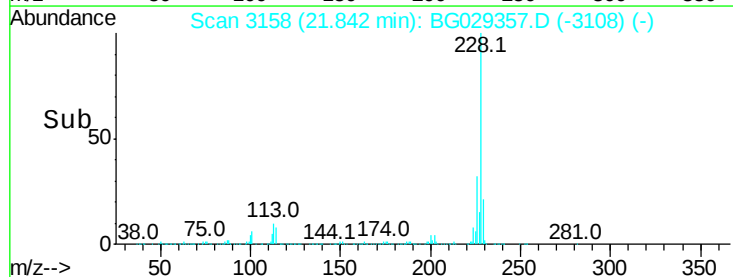
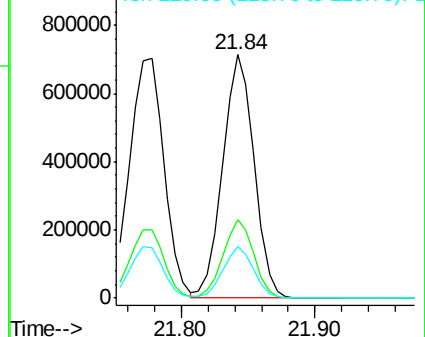


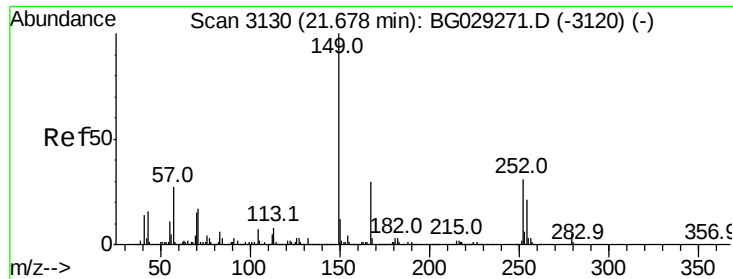
#82
 Chrysene
 Concen: 41.979 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion:228 Resp: 1176328
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.9 37.3
 229 21.0 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

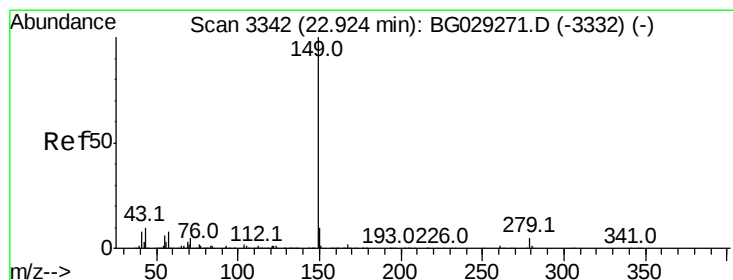
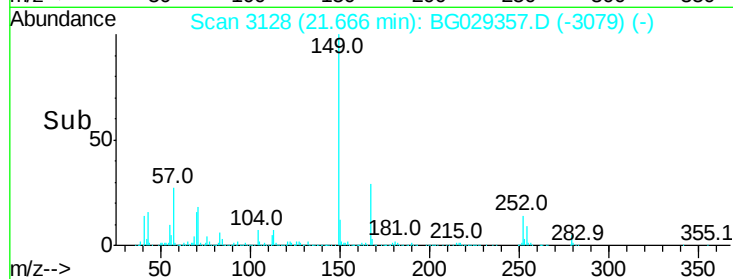
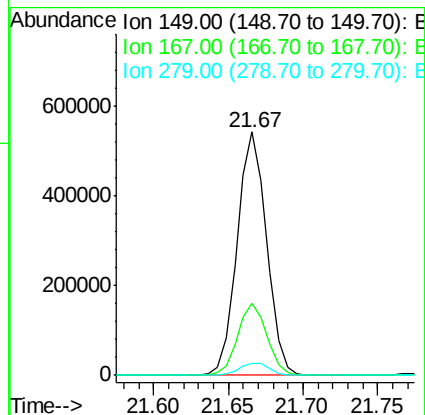
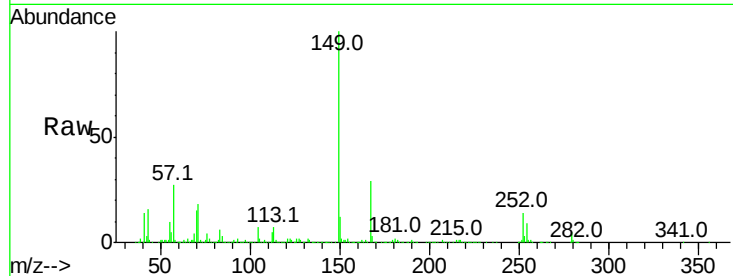




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.277 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

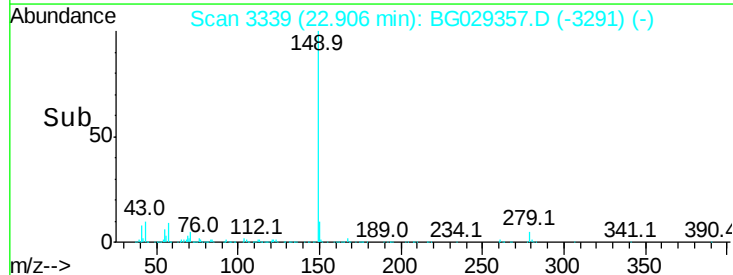
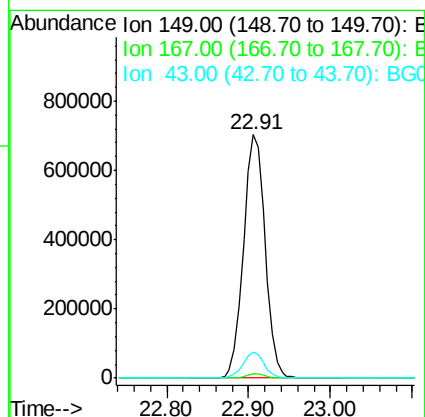
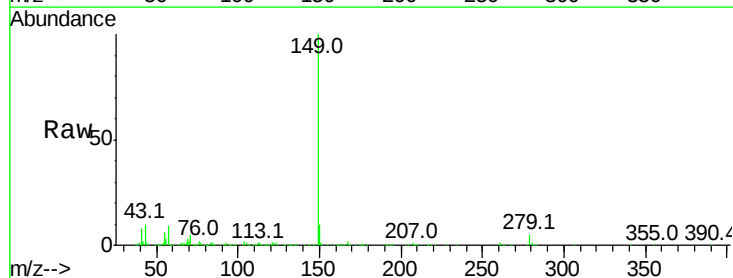
Instrument :
 BNA_G
 ClientSampleId :

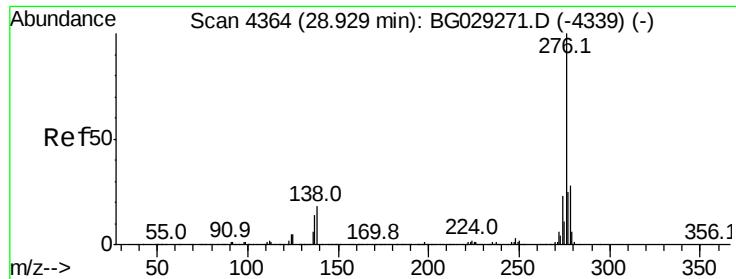
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.3	36.5
279	5.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 39.967 ng
 RT: 22.91 min Scan# 3339
 Delta R.T. -0.02 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.1	8.9	13.3



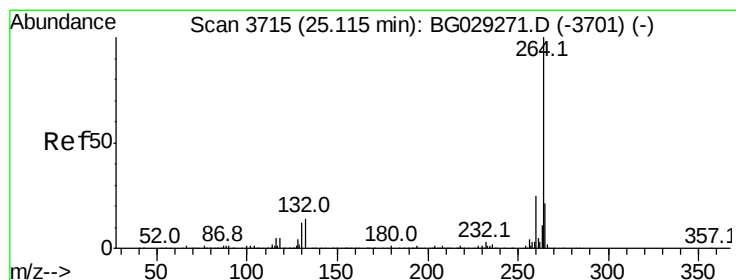
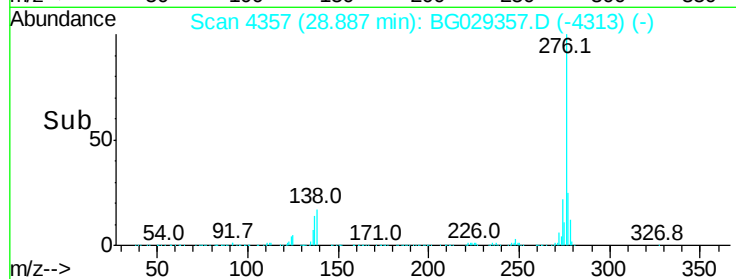
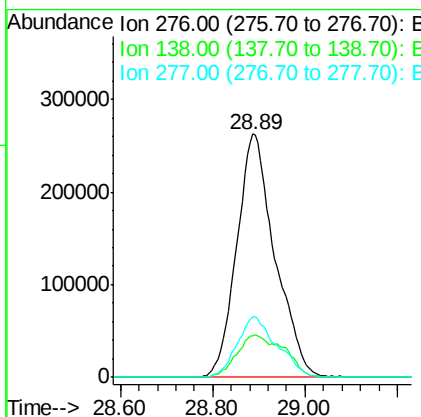
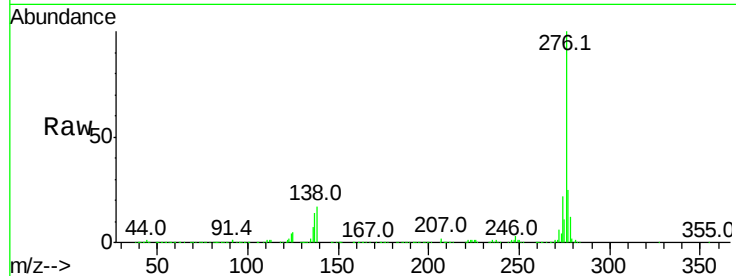


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.844 ng
 RT: 28.89 min Scan# 4357
 Delta R.T. -0.04 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1511515

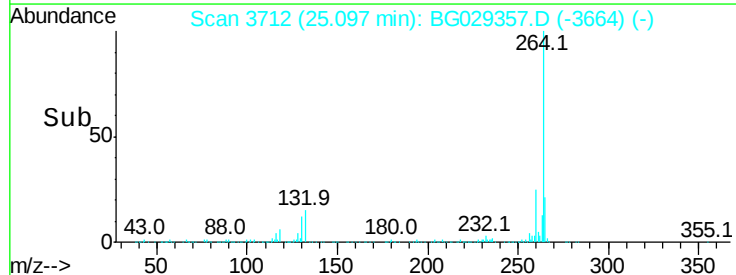
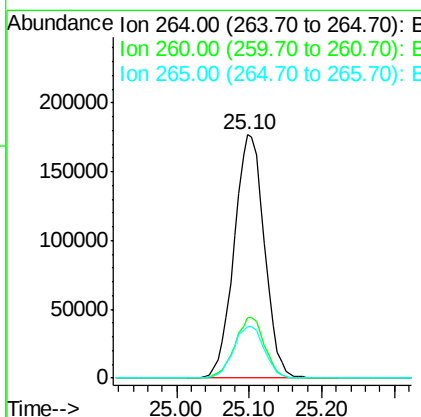
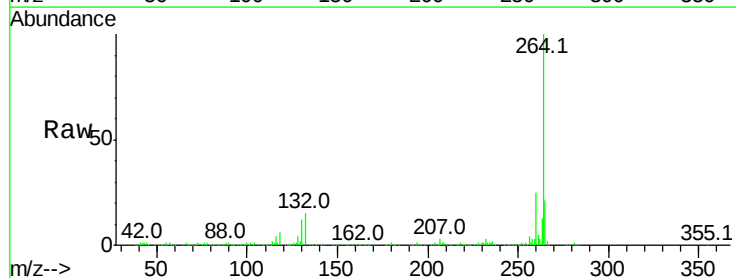
Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.0	24.0
277	26.1	20.0	30.0

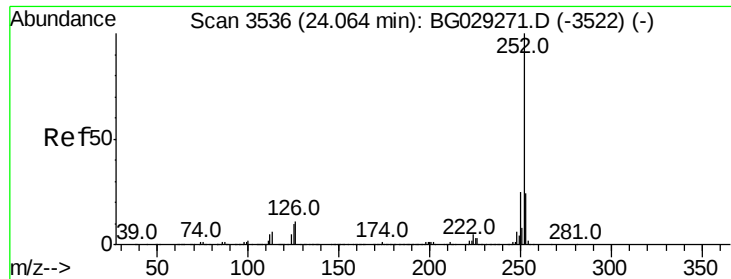


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Tgt Ion:264 Resp: 511693

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.5	17.7	26.5

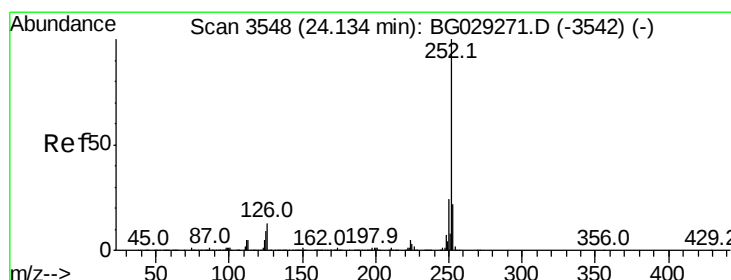
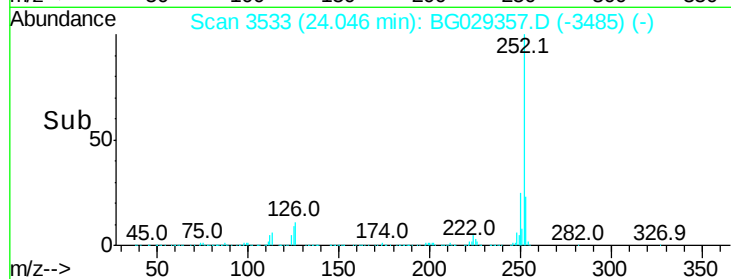
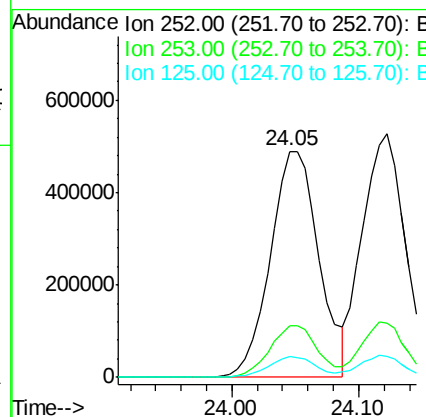
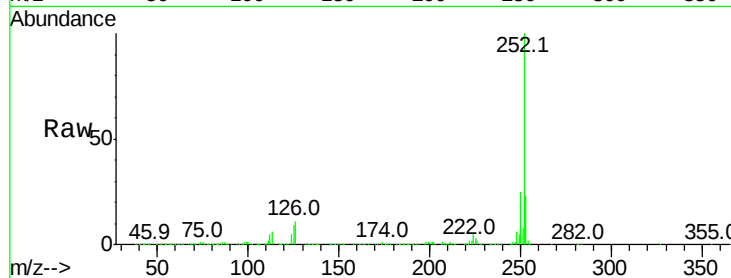




#87
Benzo(b)fluoranthene
Concen: 44.604 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

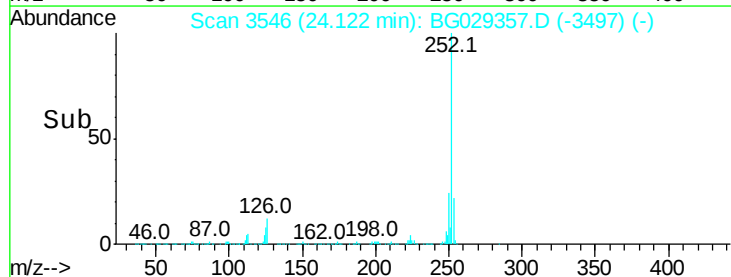
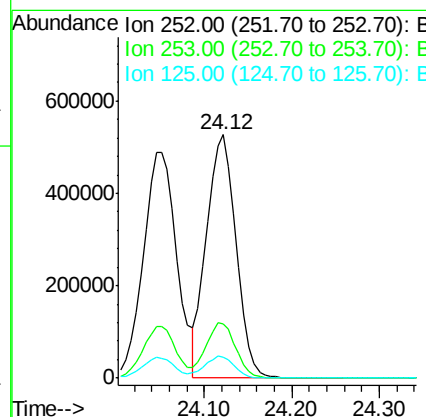
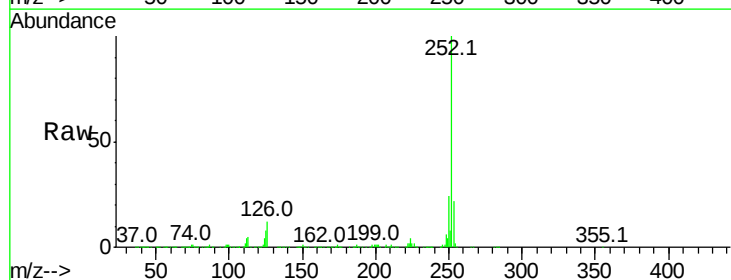
Instrument :
BNA_G
ClientSampleId :

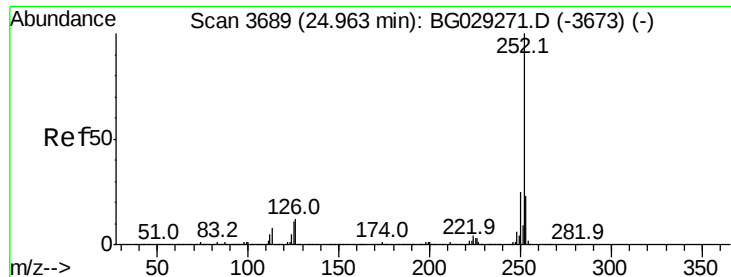
Tot Ion:252 Resp: 1306654
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.3 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 42.444 ng
RT: 24.12 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG029357.D
Acq: 19 Oct 2017 8:25

Tgt Ion:252 Resp: 1238738
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.5 6.6 9.8





#89

Benzo(a)pyrene

Concen: 44.370 ng

RT: 24.94 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

Instrument :

BNA_G

ClientSampleId :

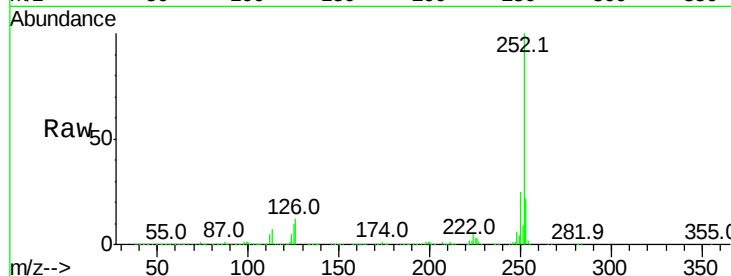
Tot Ion:252 Resp: 1249572

Ion Ratio Lower Upper

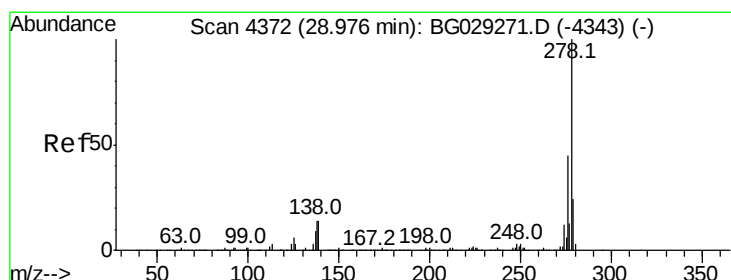
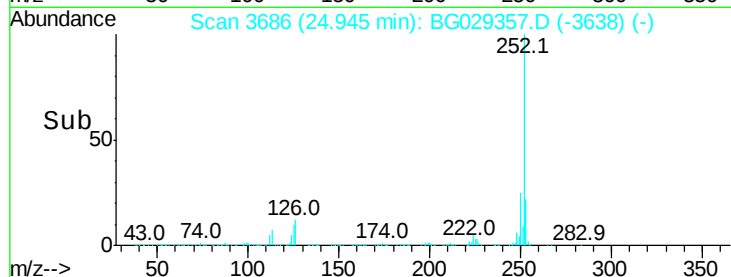
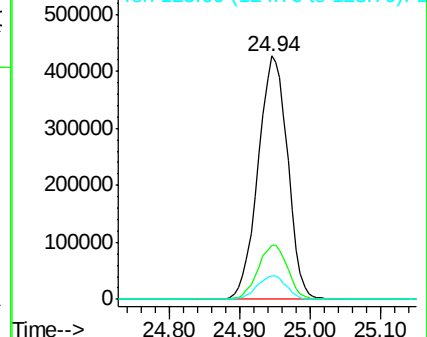
252 100

253 22.2 18.3 27.5

125 9.8 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: 44.378 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.03 min

Lab File: BG029357.D

Acq: 19 Oct 2017 8:25

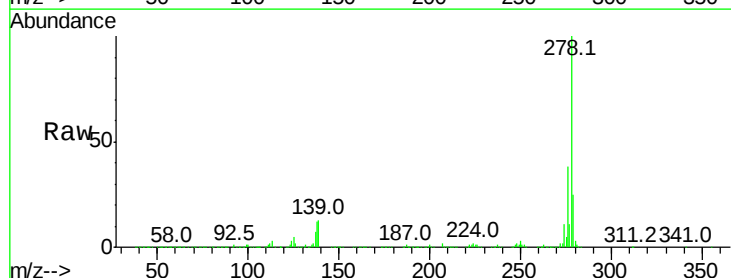
Tgt Ion:278 Resp: 1265305

Ion Ratio Lower Upper

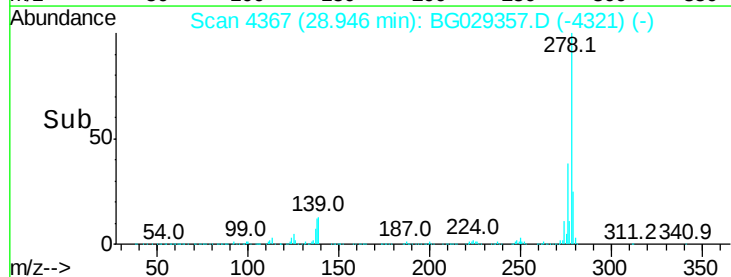
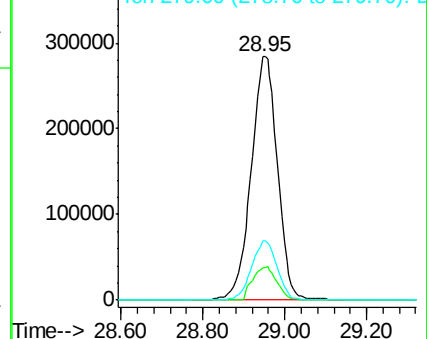
278 100

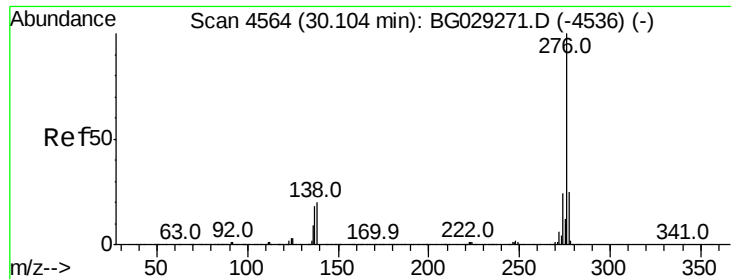
139 13.4 9.8 14.6

279 24.6 18.4 27.6



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



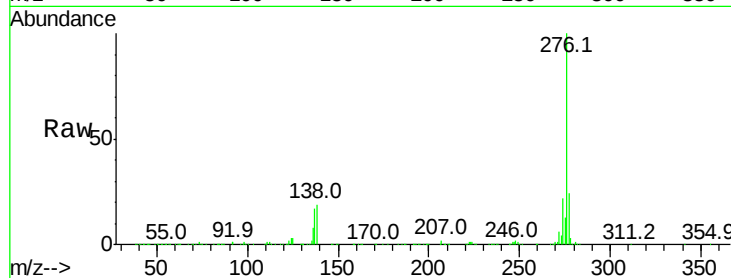


#91
 Benzo(a,h,i)perylene
 Concen: 47.497 ng
 RT: 30.08 min Scan# 4560
 Delta R.T. -0.02 min
 Lab File: BG029357.D
 Acq: 19 Oct 2017 8:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1258268

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	18.5	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

