

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029375.D
 Acq On : 20 Oct 2017 16:47
 Operator : SJ/JU
 Sample : I5922-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 20 18:35:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55210	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	256351	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	174244	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	456937	20.00	ng	0.00
75) Chrysene-d12	21.79	240	498681	20.00	ng	0.00
86) Perylene-d12	25.10	264	527432	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	455011	137.68	ng	0.00
7) Phenol-d6	7.32	99	625681	134.88	ng	0.00
23) Nitrobenzene-d5	9.33	82	356939	88.48	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	347543	154.49	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	897959	75.58	ng	0.00
78) Terphenyl-d14	20.11	244	1568434	71.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	44279	33.022	ng	87
3) Pyridine	3.98	79	130865	33.513	ng	90
4) n-Nitrosodimethylamine	3.90	42	70876	38.830	ng	# 90
6) Aniline	7.49	93	161032	28.033	ng	93
8) 2-Chlorophenol	7.73	128	145379	38.377	ng	95
9) Benzaldehyde	7.30	77	40660	17.426	ng	94
10) Phenol	7.34	94	229295	45.848	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	138461	37.999	ng	92
12) 1,3-Dichlorobenzene	8.06	146	151791	35.690	ng	97
13) 1,4-Dichlorobenzene	8.20	146	154720	35.632	ng	94
14) 1,2-Dichlorobenzene	8.53	146	148610	35.483	ng	97
15) Benzyl Alcohol	8.40	79	138038	42.225	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.70	45	232697	37.604	ng	95
17) 2-Methylphenol	8.60	107	135441	40.768	ng	99
18) Hexachloroethane	9.25	117	53417	36.099	ng	90
19) n-Nitroso-di-n-propylamine	8.97	70	118135	37.453	ng	97
20) 3+4-Methylphenols	8.93	107	189405	40.461	ng	97
22) Acetophenone	8.99	105	221829	35.907	ng	# 94
24) Nitrobenzene	9.37	77	167086	36.838	ng	# 93
25) Isophorone	9.89	82	330154	39.204	ng	# 94
26) 2-Nitrophenol	10.09	139	87344	40.291	ng	90
27) 2,4-Dimethylphenol	10.14	122	158576	40.431	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	197763	38.297	ng	96
29) 2,4-Dichlorophenol	10.62	162	169056	40.420	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	169197	37.445	ng	94
31) Naphthalene	11.03	128	460892	36.075	ng	99
32) Benzoic acid	10.27	122	133781	40.736	ng	# 83
33) 4-Chloroaniline	11.13	127	127083	23.647	ng	94
34) Hexachlorobutadiene	11.32	225	101876	36.262	ng	96
35) Caprolactam	11.90	113	47618	34.257	ng	# 81
36) 4-Chloro-3-methylphenol	12.24	107	185015	40.220	ng	92
37) 2-Methylnaphthalene	12.63	142	371972	39.948	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	199032	31.286	ng	98
40) Hexachlorocyclopentadiene	12.97	237	255589	104.538	ng	92

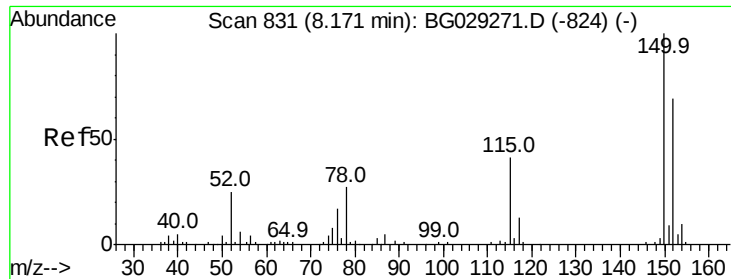
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	150625	37.717	nq	97
43) 2,4,5-Trichlorophenol	13.30	196	167190	40.765	nq	96
45) 1,1'-Biphenyl	13.62	154	504162	33.663	nq	97
46) 2-Chloronaphthalene	13.67	162	387194	35.443	nq	96
47) 2-Nitroaniline	13.87	65	128715	42.896	nq	90
48) Acenaphthylene	14.51	152	633267	37.040	nq	98
49) Dimethylphthalate	14.23	163	562078	41.344	nq	99
50) 2,6-Dinitrotoluene	14.35	165	120470	42.271	nq #	78
51) Acenaphthene	14.85	154	396872	35.677	nq	98
52) 3-Nitroaniline	14.68	138	96137	31.261	nq #	82
53) 2,4-Dinitrophenol	14.89	184	137882	87.207	nq #	53
54) Dibenzofuran	15.18	168	641145	40.374	nq	99
55) 4-Nitrophenol	14.99	139	234813	92.616	nq #	82
56) 2,4-Dinitrotoluene	15.14	165	176698	45.801	nq #	78
57) Fluorene	15.83	166	514652	39.231	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	169005	49.392	nq	94
59) Diethylphthalate	15.59	149	558407	41.215	nq	99
60) 4-Chlorophenyl-phenylether	15.82	204	280364	40.084	nq	93
61) 4-Nitroaniline	15.84	138	141737	44.885	nq	89
62) Azobenzene	16.11	77	487785	42.694	nq	98
64) 4,6-Dinitro-2-methylphenol	15.90	198	100079	39.503	nq	87
65) n-Nitrosodiphenylamine	16.03	169	484140	35.370	nq	99
66) 4-Bromophenyl-phenylether	16.70	248	192529	36.719	nq	96
67) Hexachlorobenzene	16.83	284	203177	34.210	nq	94
68) Atrazine	16.97	200	203173	41.599	nq	98
69) Pentachlorophenol	17.17	266	279142	81.817	nq	99
70) Phenanthrene	17.56	178	938059	39.739	nq	97
71) Anthracene	17.66	178	922425	38.916	nq	99
72) Carbazole	17.92	167	872839	38.334	nq	99
73) Di-n-butylphthalate	18.47	149	1024048	39.104	nq	100
74) Fluoranthene	19.56	202	1144017	41.435	nq	97
76) Benzidine	19.73	184	506010	33.606	nq	99
77) Pyrene	19.92	202	1158671	38.302	nq	97
79) Butylbenzylphthalate	20.79	149	479906	37.236	nq	88
80) Benzo(a)anthracene	21.77	228	1145298	39.117	nq	98
81) 3,3'-Dichlorobenzidine	21.68	252	303517	25.115	nq	99
82) Chrysene	21.85	228	1076021	38.375	nq	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	673599	36.418	nq	99
84) Di-n-octyl phthalate	22.91	149	1171818	36.351	nq	97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1385142	40.154	nq	98
87) Benzo(b)fluoranthene	24.05	252	1180555	39.097	nq	100
88) Benzo(k)fluoranthene	24.12	252	1140272	37.904	nq	98
89) Benzo(a)pyrene	24.95	252	1148801	39.574	nq	99
90) Dibenzo(a,h)anthracene	28.95	278	1165742	39.666	nq	97
91) Benzo(g,h,i)perylene	30.08	276	1148663	42.066	nq	98

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

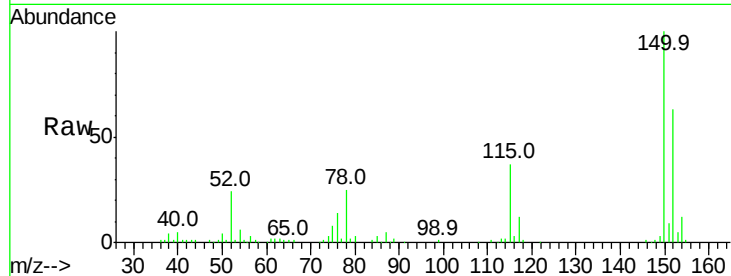


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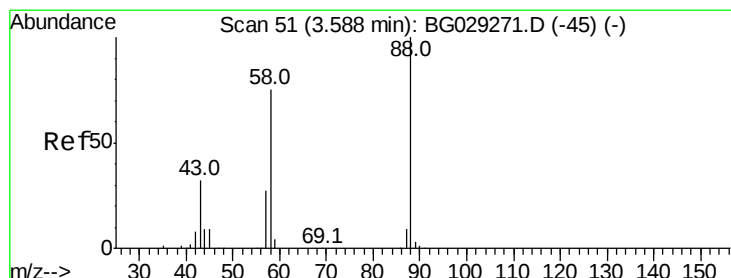
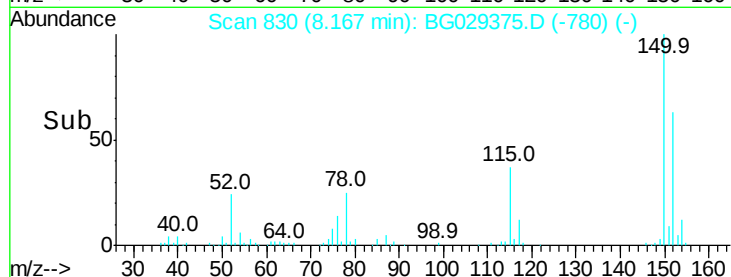
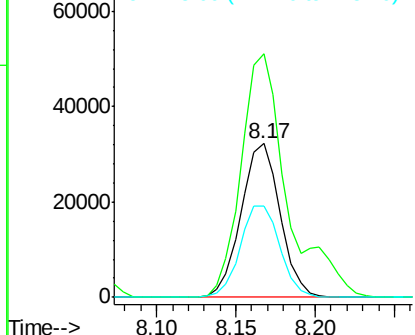
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55210
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 59.0 53.0 79.4



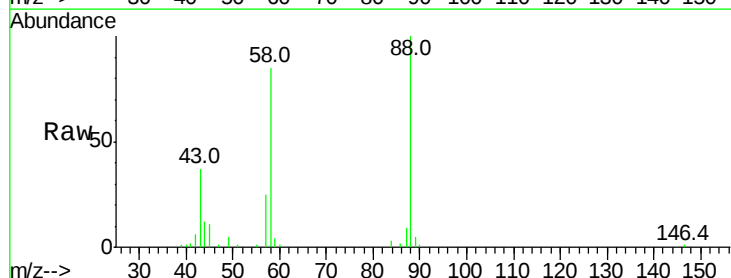
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



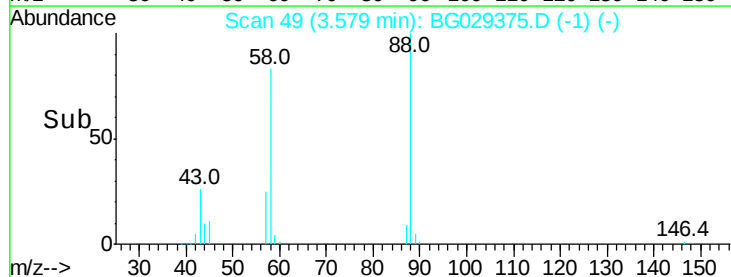
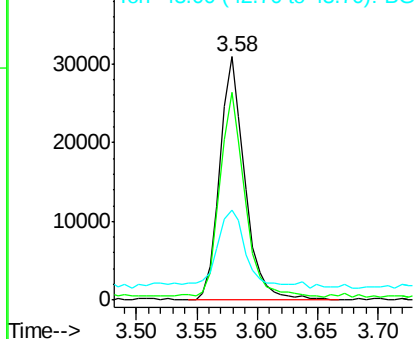
#2

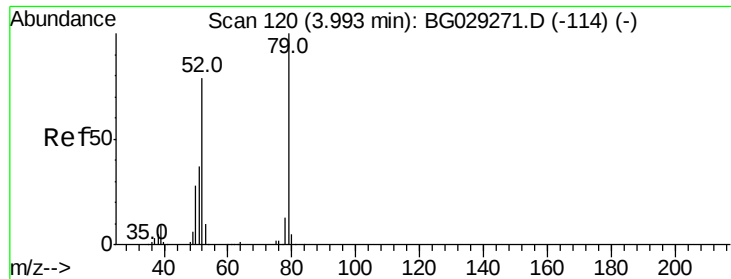
1,4-Dioxane
Concen: 33.022 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion: 88 Resp: 44279
Ion Ratio Lower Upper
88 100
58 82.7 79.6 119.4
43 32.5 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: 33.513 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampled :

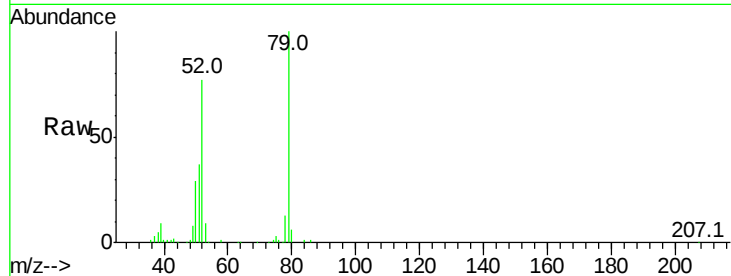
Tot Ion: 79 Resp: 130865

Ion Ratio Lower Upper

79 100

52 77.0 69.9 104.9

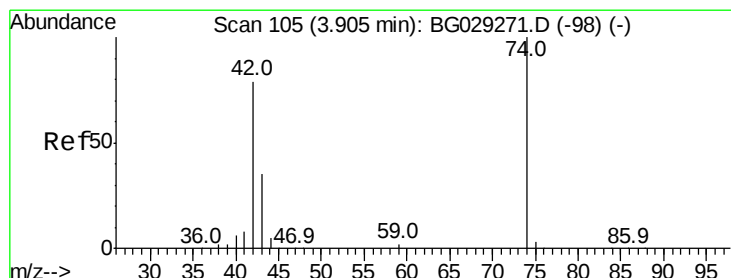
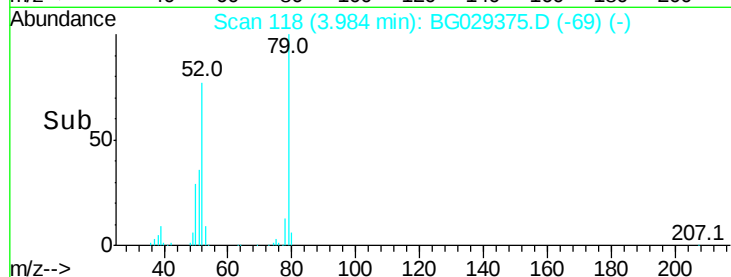
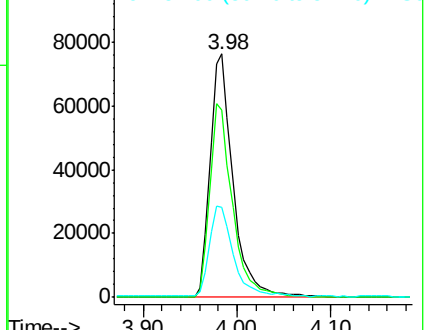
51 37.2 34.0 51.0



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: 38.830 ng

RT: 3.90 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

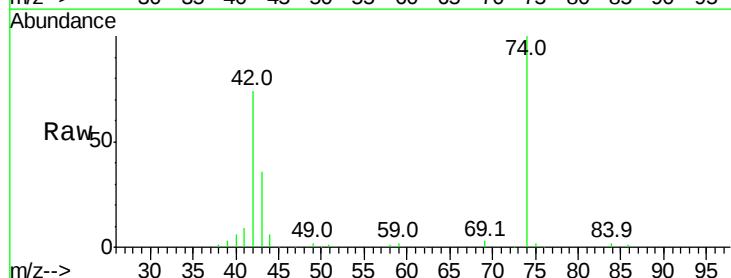
Tgt Ion: 42 Resp: 70876

Ion Ratio Lower Upper

42 100

74 135.1 102.5 153.7

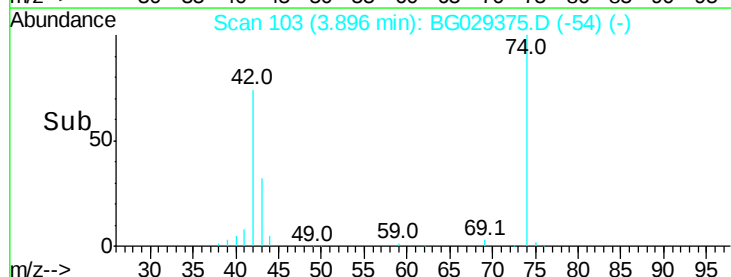
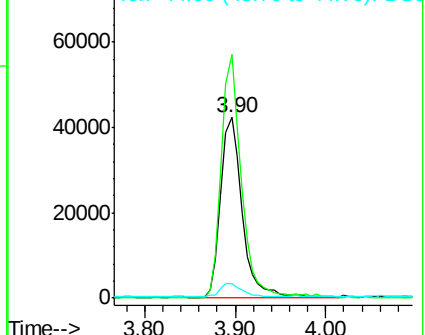
44 7.9 18.9 28.3#

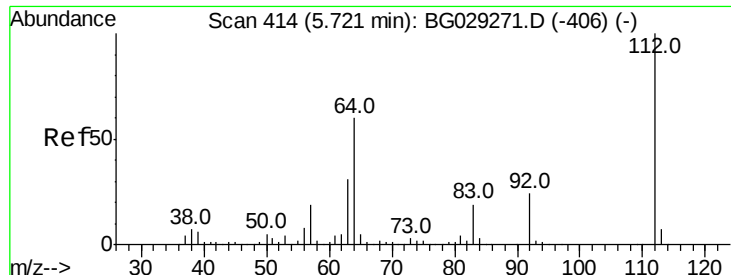


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 137.678 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampled :

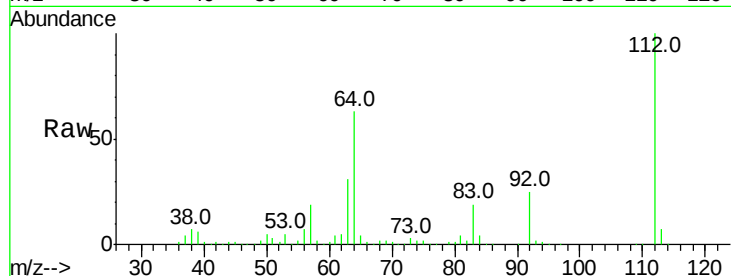
Tot Ion:112 Resp: 455011

Ion Ratio Lower Upper

112 100

64 62.7 56.3 84.5

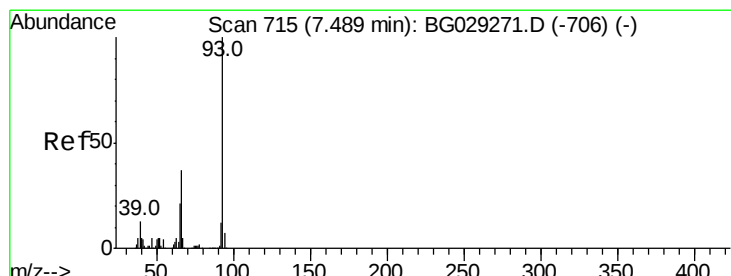
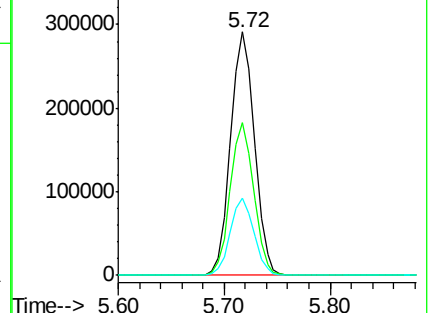
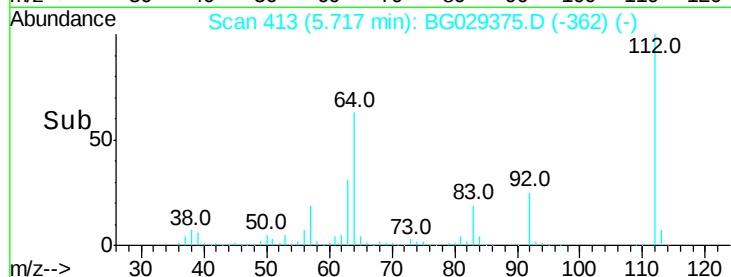
63 31.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.033 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

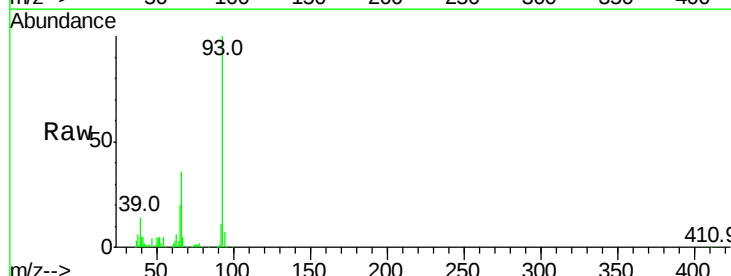
Tgt Ion: 93 Resp: 161032

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

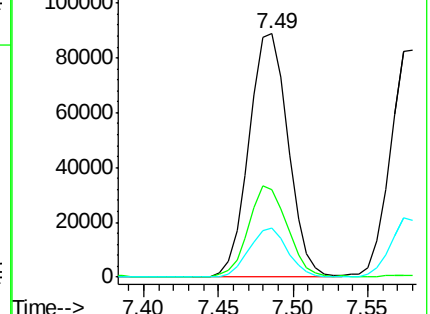
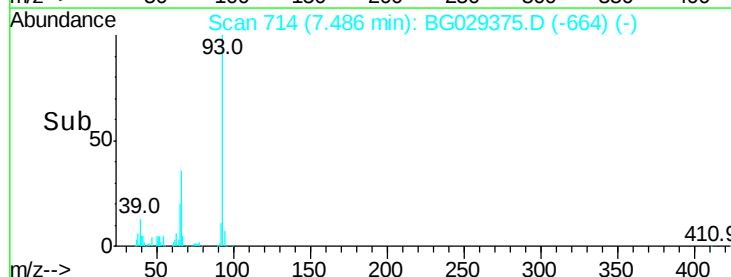
65 20.2 16.1 24.1

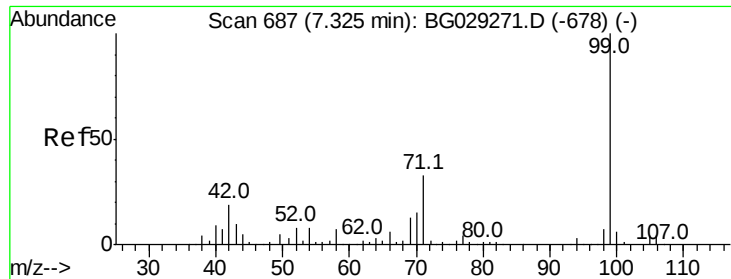


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.876 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

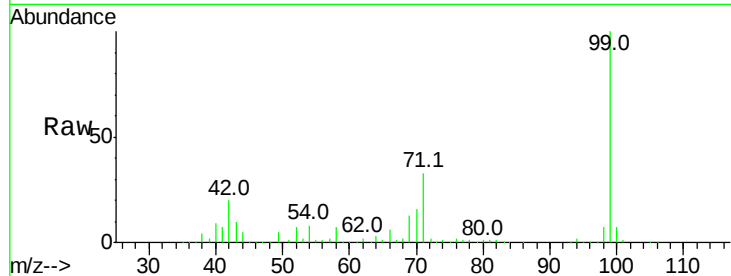
Tot Ion: 99 Resp: 625681

Ion Ratio Lower Upper

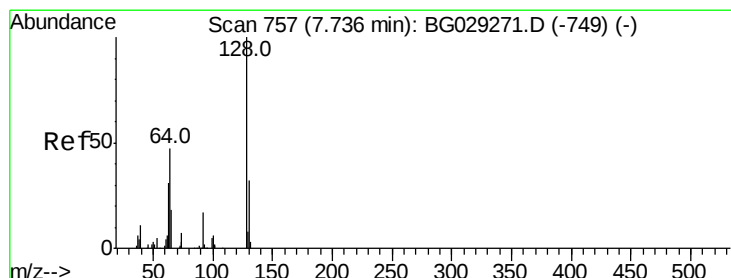
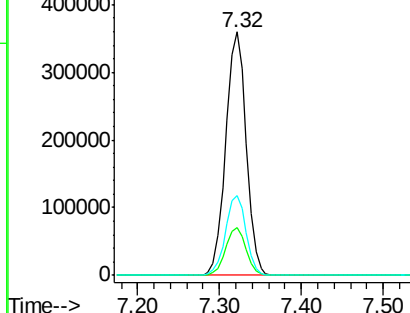
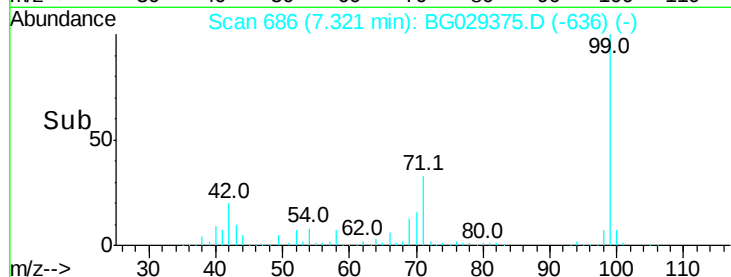
99 100

42 19.8 14.1 21.1

71 32.9 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: 38.377 ng

RT: 7.73 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

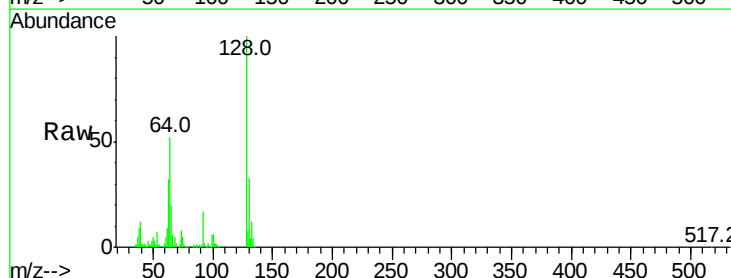
Tgt Ion:128 Resp: 145379

Ion Ratio Lower Upper

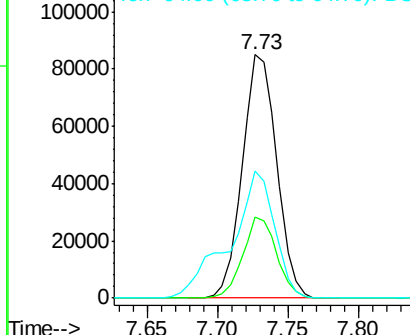
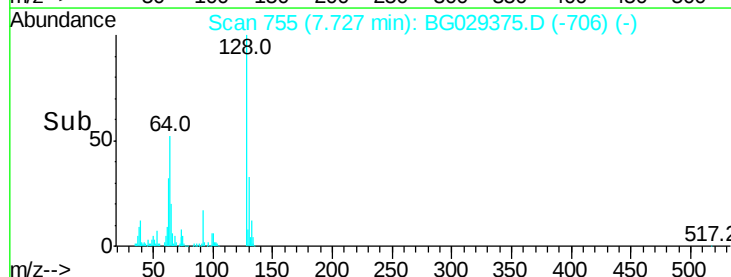
128 100

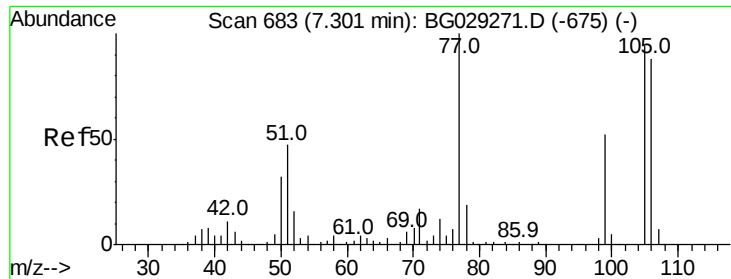
130 33.2 14.0 54.0

64 52.2 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: 17.426 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

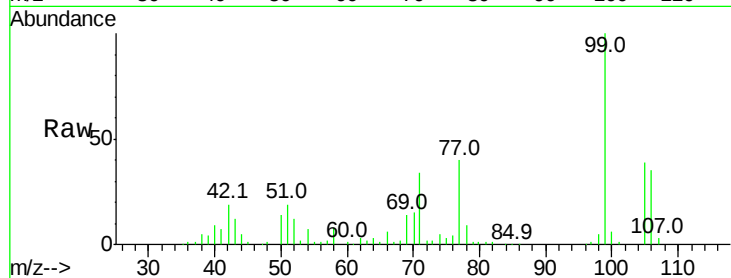
Tot Ion: 77 Resp: 40660

Ion Ratio Lower Upper

77 100

105 99.0 71.3 111.3

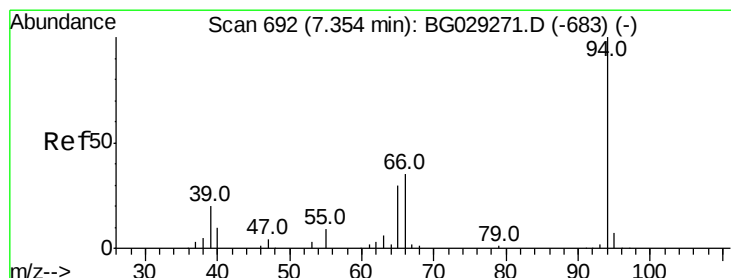
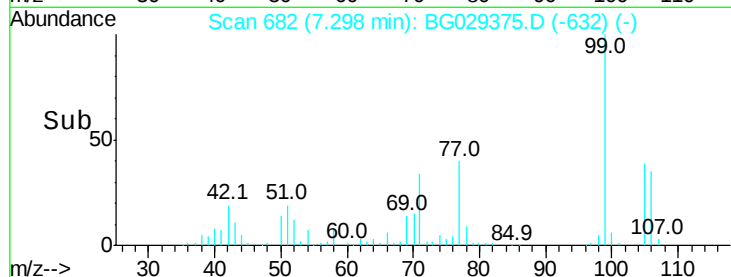
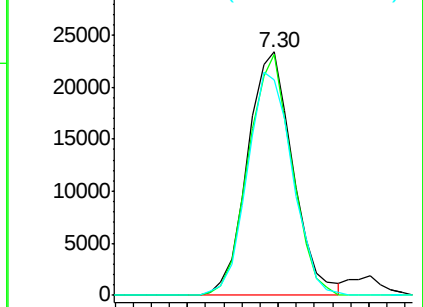
106 88.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.848 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

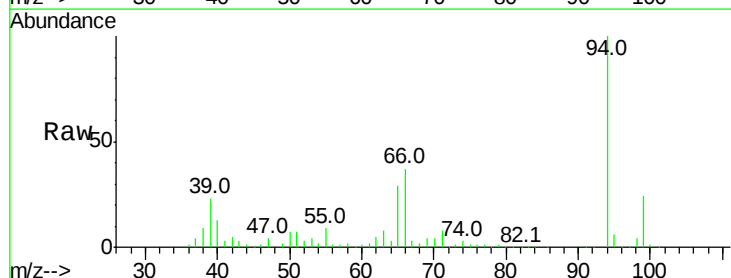
Tgt Ion: 94 Resp: 229295

Ion Ratio Lower Upper

94 100

65 29.3 11.9 51.9

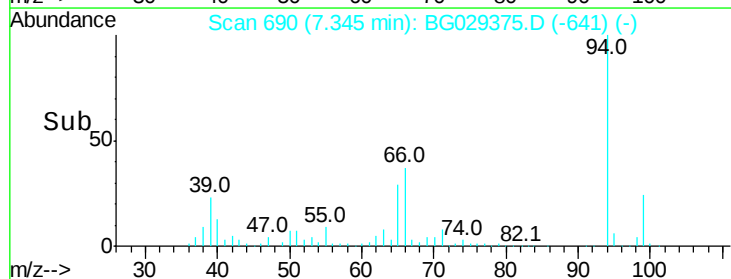
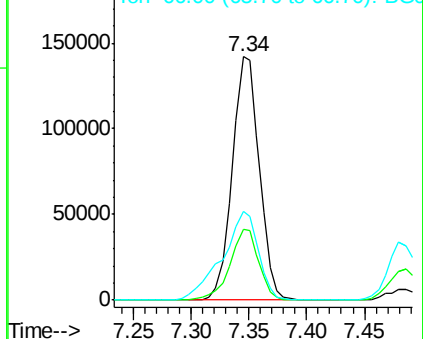
66 36.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



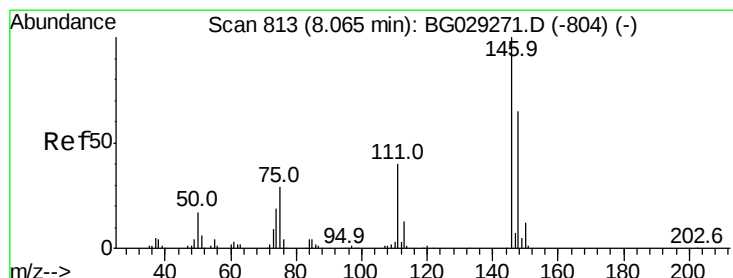
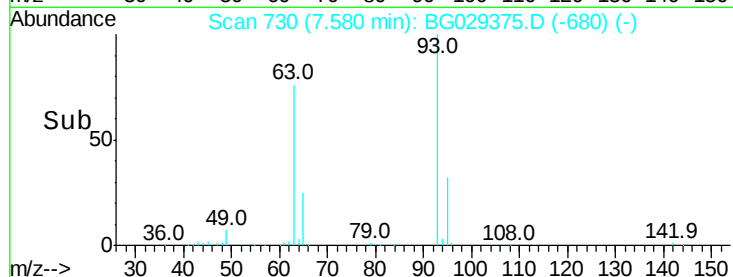
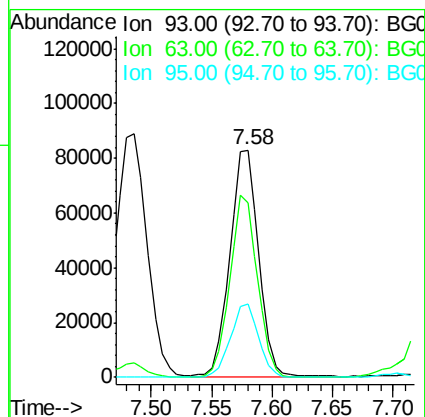
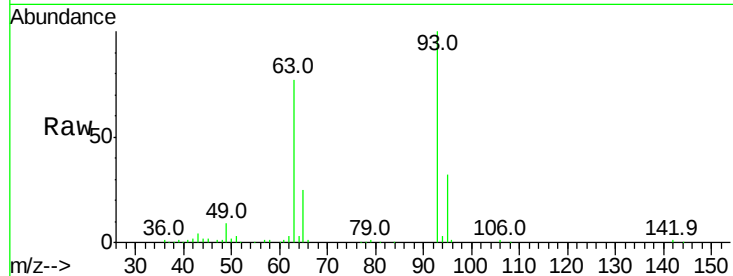


#11

bis(2-Chloroethyl)ether
Concen: 37.999 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampled :

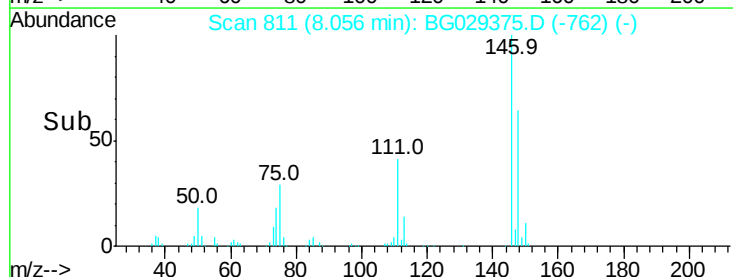
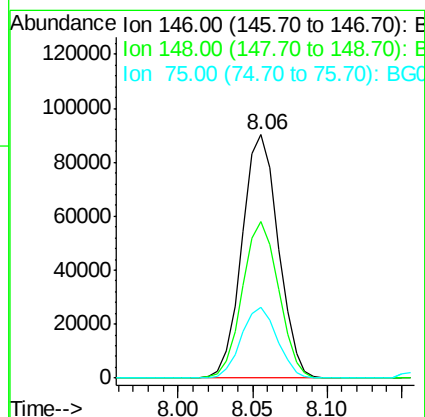
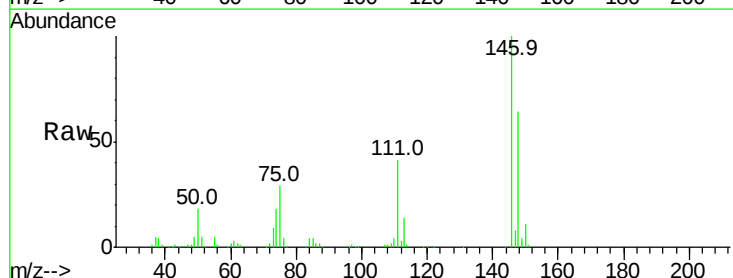
Tot Ion: 93 Resp: 138461
Ion Ratio Lower Upper
93 100
63 77.0 67.1 107.1
95 32.1 11.5 51.5

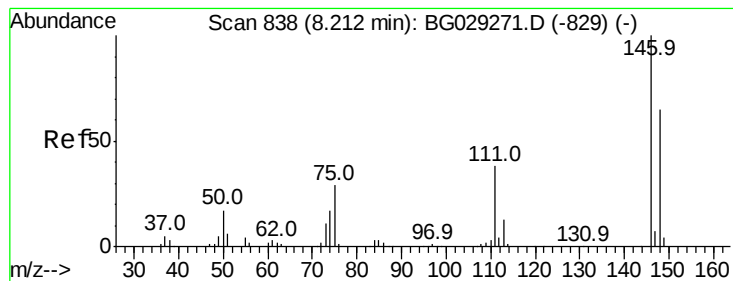


#12

1,3-Dichlorobenzene
Concen: 35.690 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion: 146 Resp: 151791
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 29.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 35.632 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

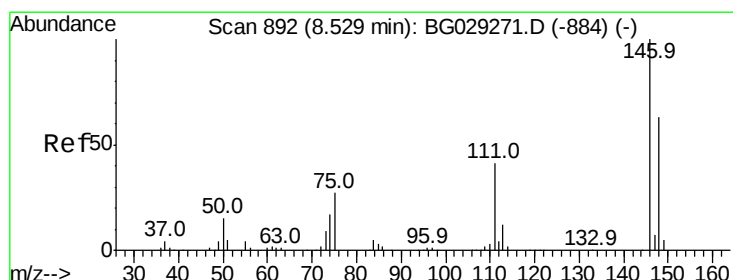
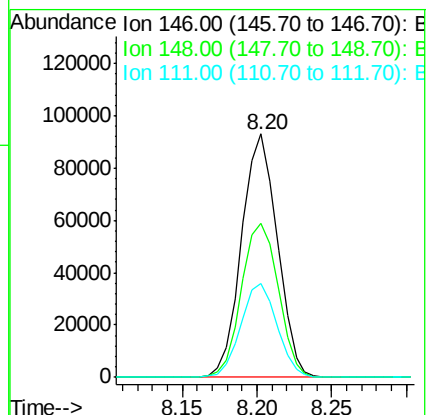
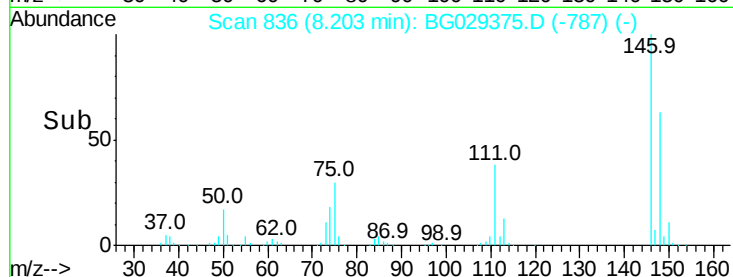
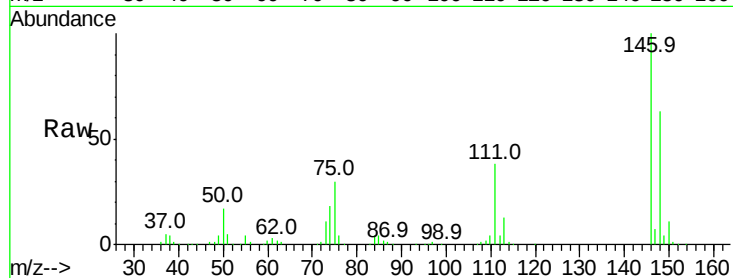
Tot Ion:146 Resp: 154720

Ion Ratio Lower Upper

146 100

148 63.4 53.7 80.5

111 38.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 35.483 ng

RT: 8.53 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

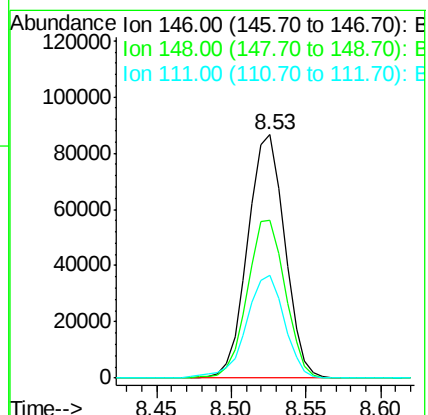
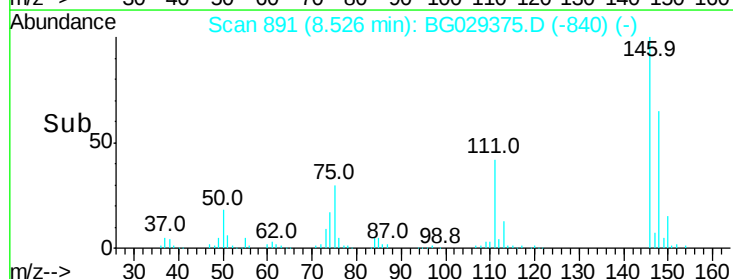
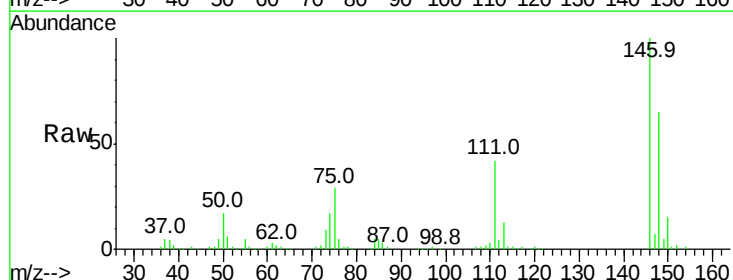
Tgt Ion:146 Resp: 148610

Ion Ratio Lower Upper

146 100

148 64.7 49.3 73.9

111 42.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 42.225 ng

RT: 8.40 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

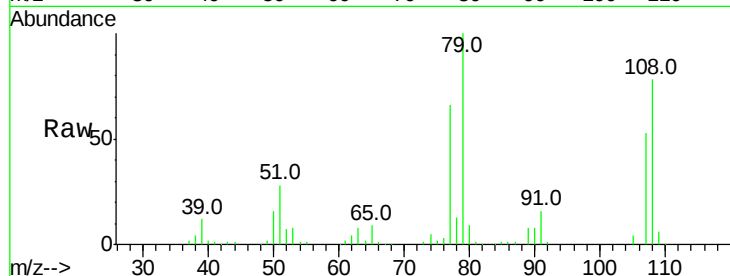
Tot Ion: 79 Resp: 138038

Ion Ratio Lower Upper

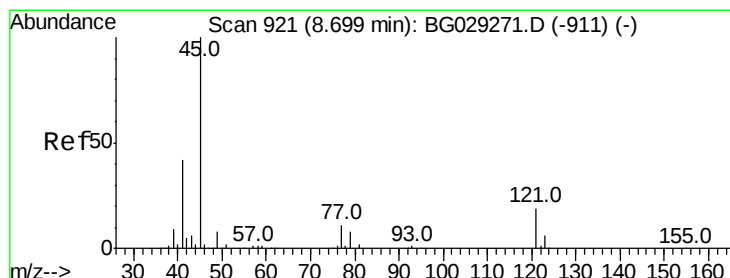
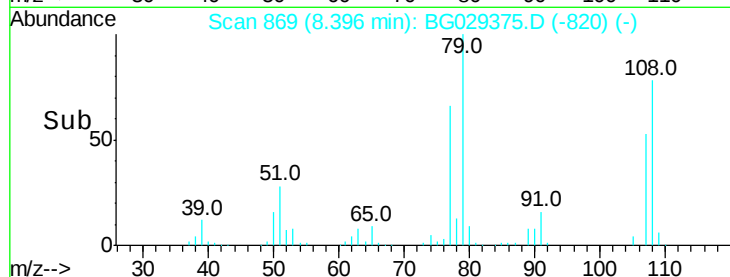
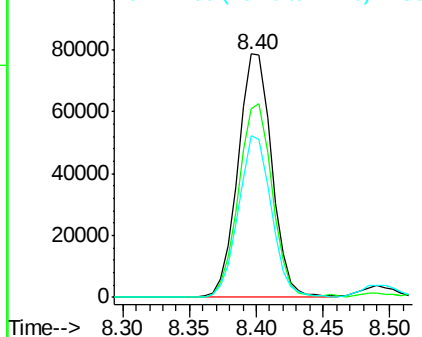
79 100

108 77.5 57.2 85.8

77 66.2 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: 37.604 ng

RT: 8.70 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

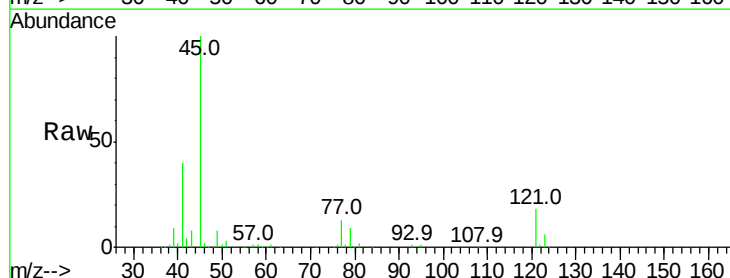
Tgt Ion: 45 Resp: 232697

Ion Ratio Lower Upper

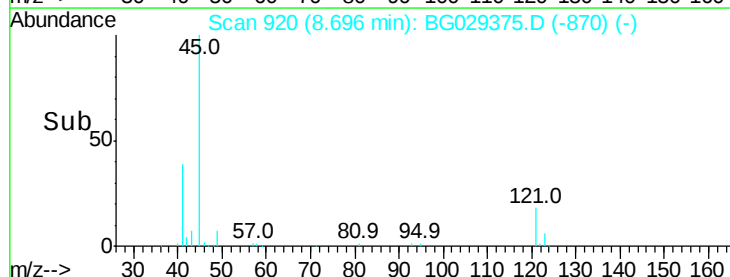
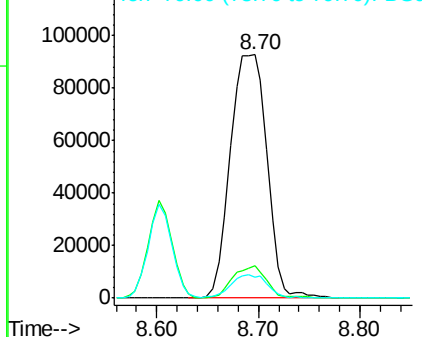
45 100

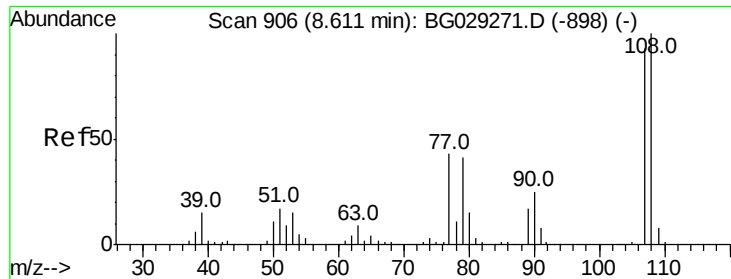
77 13.2 0.0 30.2

79 8.7 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

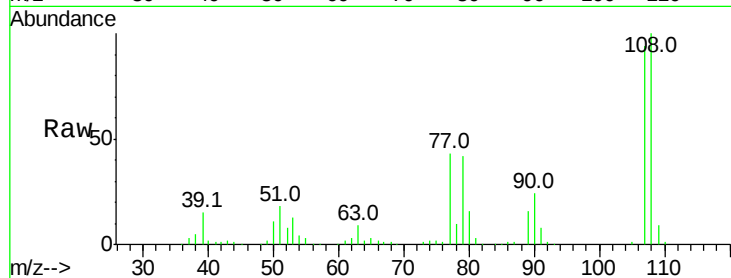




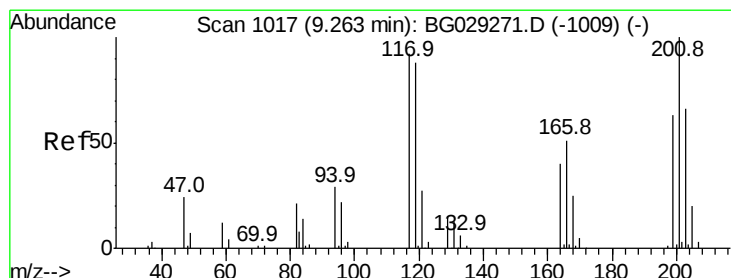
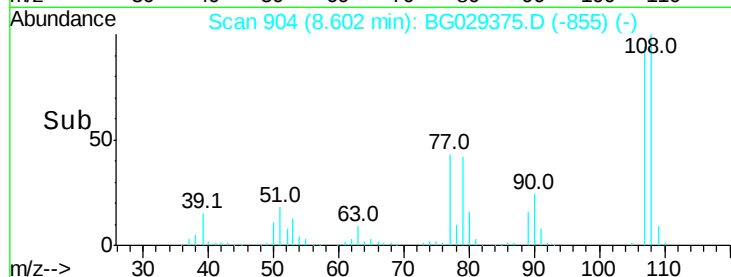
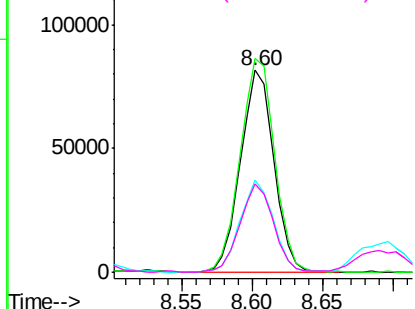
#17
2-Methylphenol
Concen: 40.768 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	135441
Ion	Ratio	Lower	Upper
107	100		
108	105.8	83.9	125.9
77	45.6	37.2	55.8
79	43.9	36.2	54.2

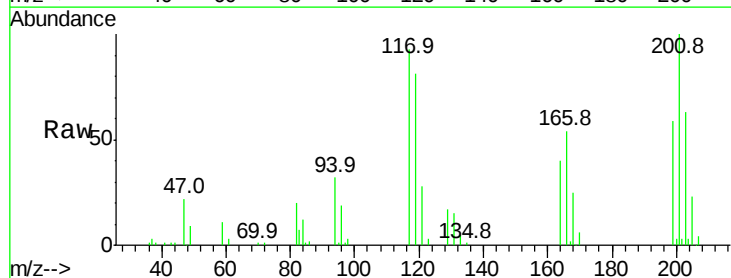


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

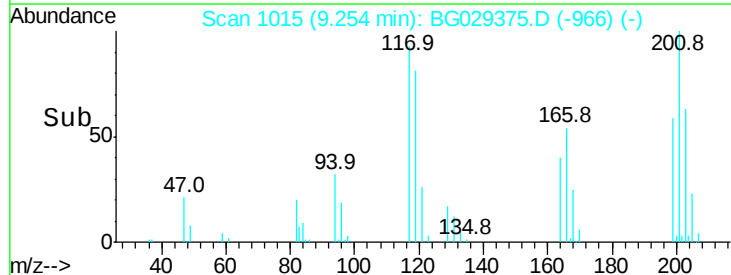
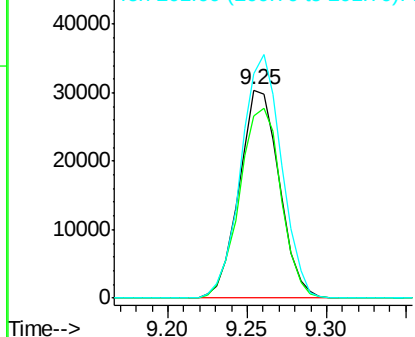


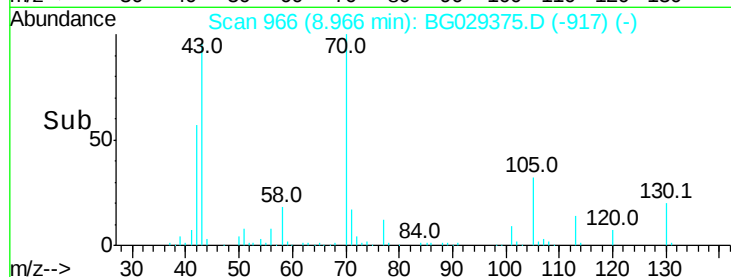
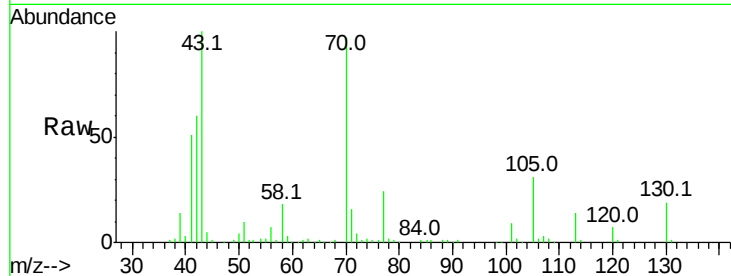
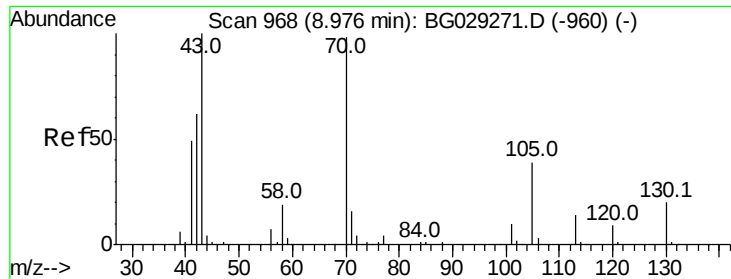
#18
Hexachloroethane
Concen: 36.099 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion:	117	Resp:	53417
Ion	Ratio	Lower	Upper
117	100		
119	87.8	76.7	115.1
201	107.9	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

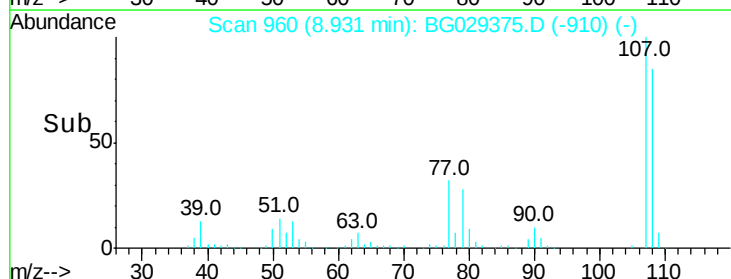
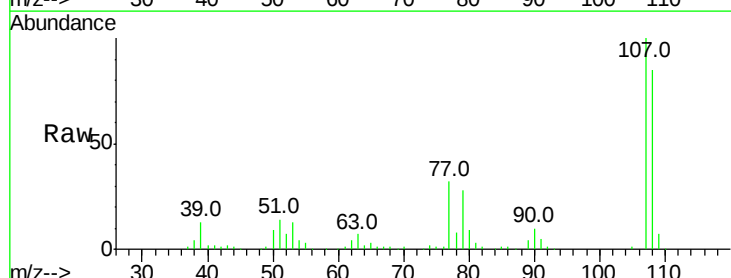
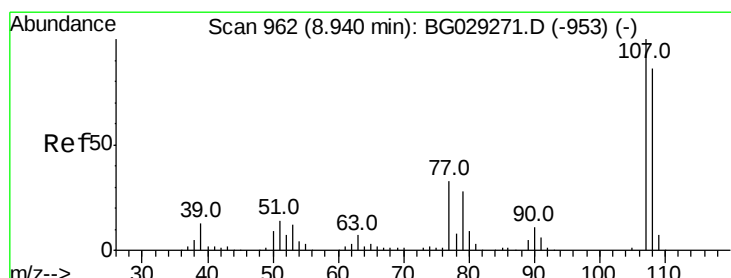
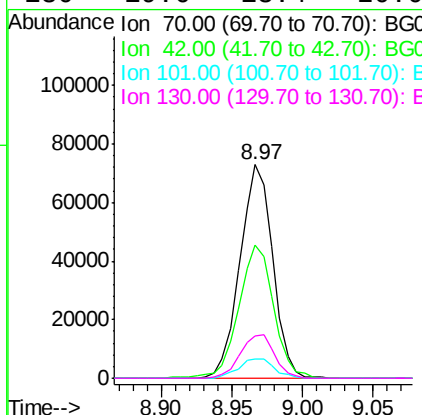




#19
n-Nitroso-di-n-propylamine
Concen: 37.453 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

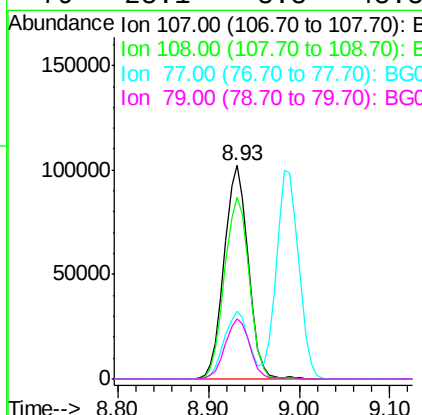
Instrument :
BNA_G
ClientSampleId :

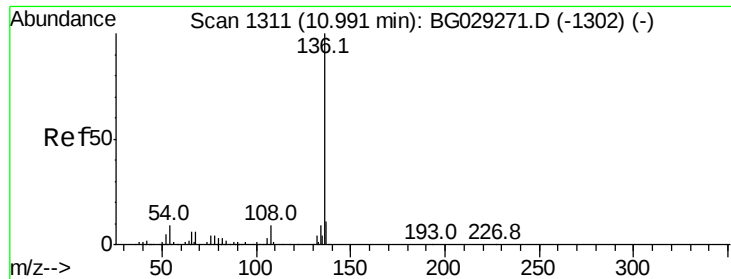
Tot Ion:	70	Resp:	118135
Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.1	73.7
101	9.0	8.5	12.7
130	19.6	13.4	20.0



#20
3+4-Methylphenols
Concen: 40.461 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion:	107	Resp:	189405
Ion	Ratio	Lower	Upper
107	100		
108	85.2	61.6	101.6
77	31.9	13.9	53.9
79	28.1	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 256351

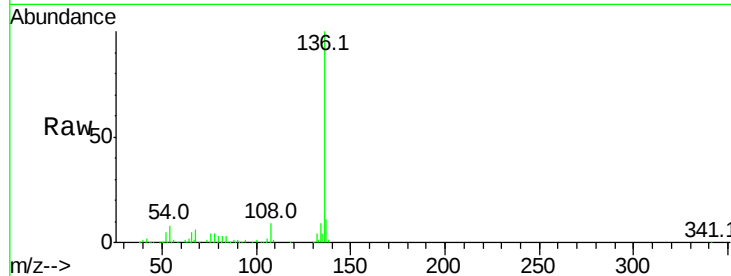
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.5 10.3 15.5#

68 6.4 4.5 6.7

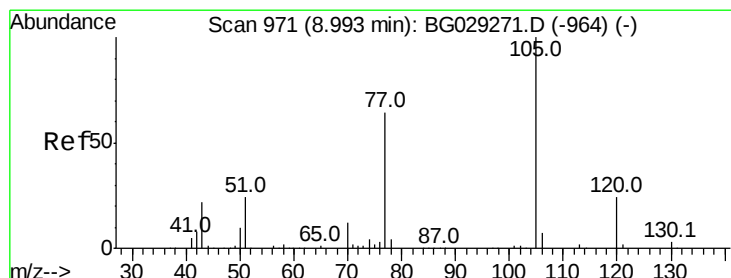
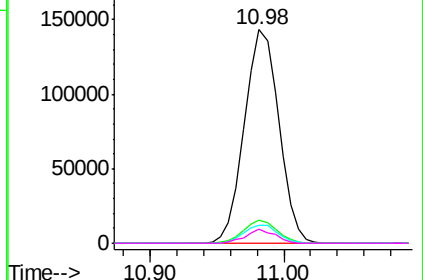
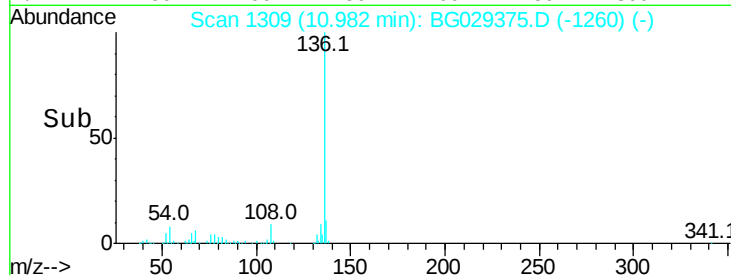


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.907 ng

RT: 8.99 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:105 Resp: 221829

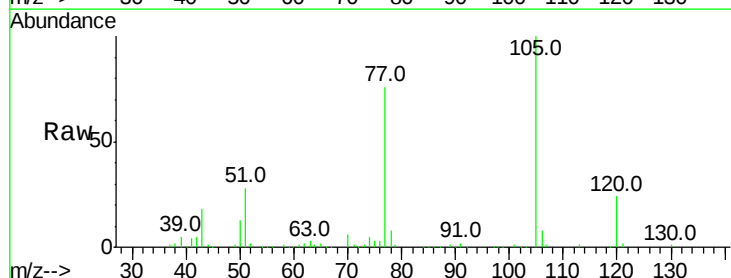
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 28.5 26.1 39.1

120 24.0 17.4 26.2

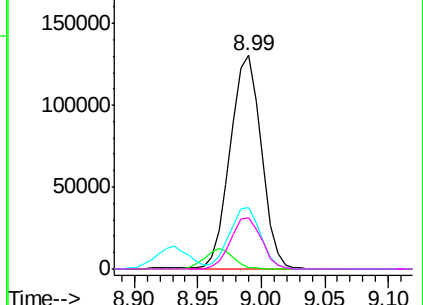
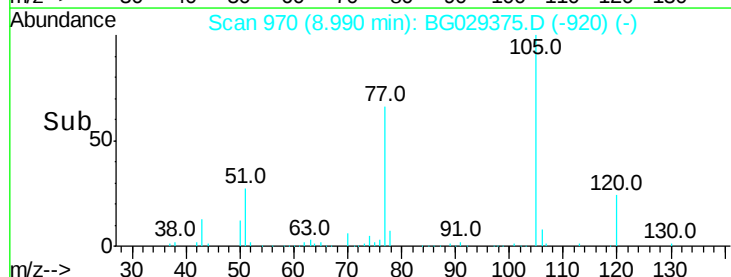


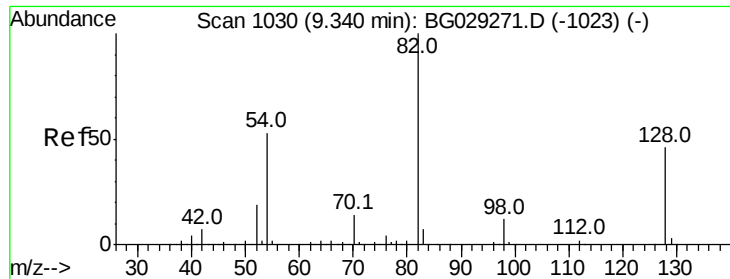
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

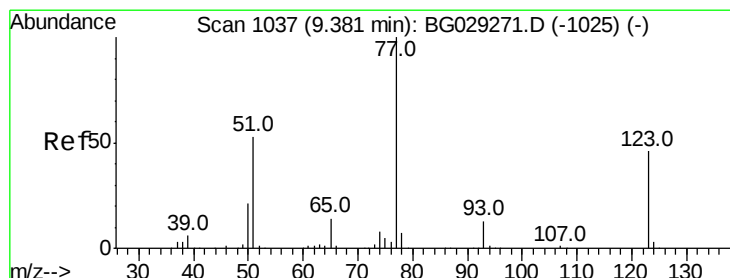
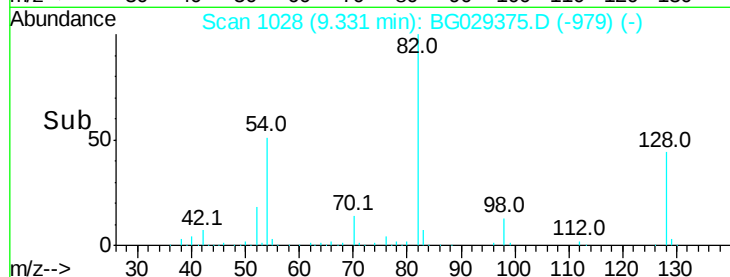
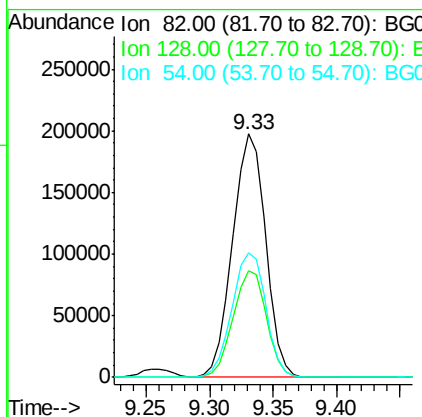
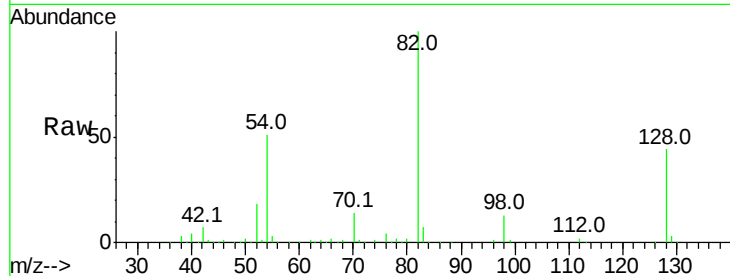




#23
Nitrobenzene-d5
Concen: 88.482 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

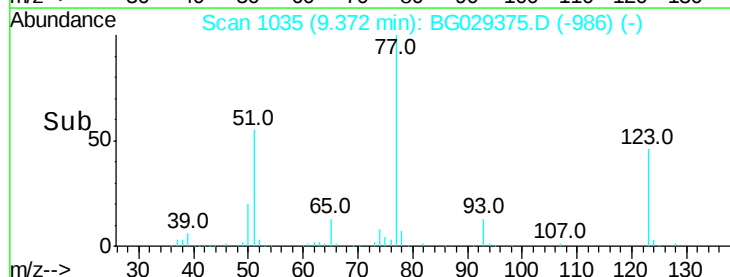
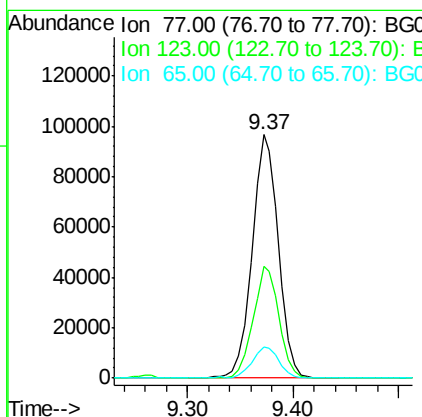
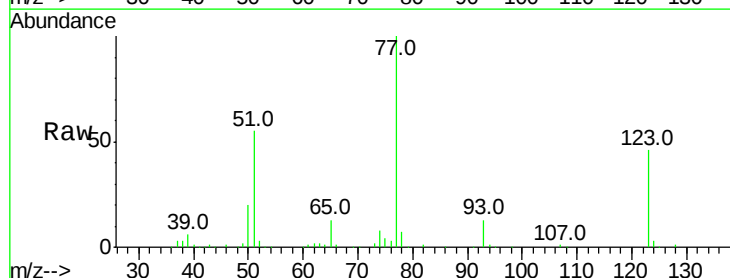
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 356939
Ion Ratio Lower Upper
82 100
128 43.8 29.7 44.5
54 51.1 43.1 64.7



#24
Nitrobenzene
Concen: 36.838 ng
RT: 9.37 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion: 77 Resp: 167086
Ion Ratio Lower Upper
77 100
123 45.7 33.0 49.6
65 12.7 13.0 19.6#

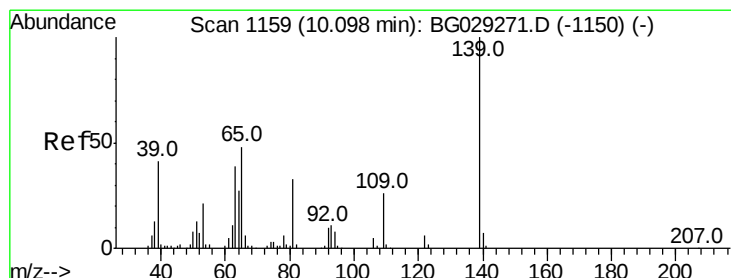
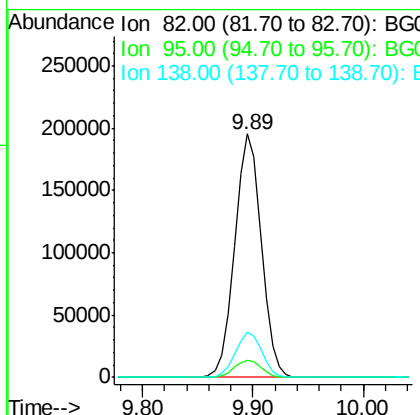
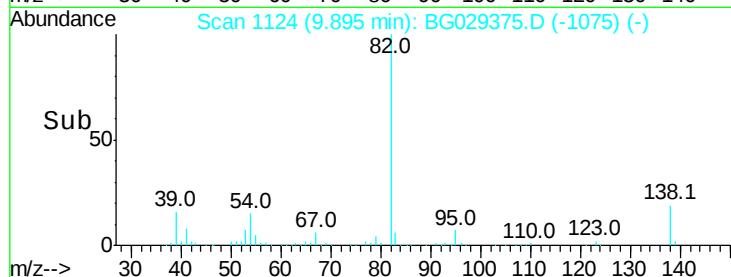
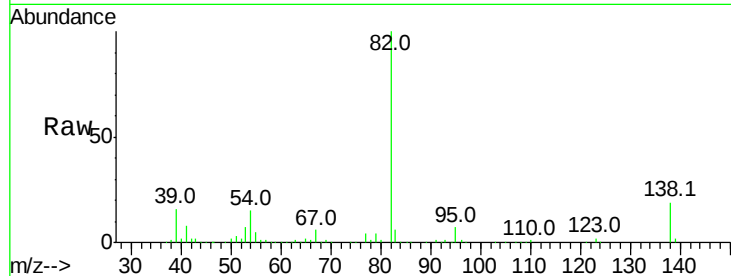




#25
Isophorone
Concen: 39.204 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

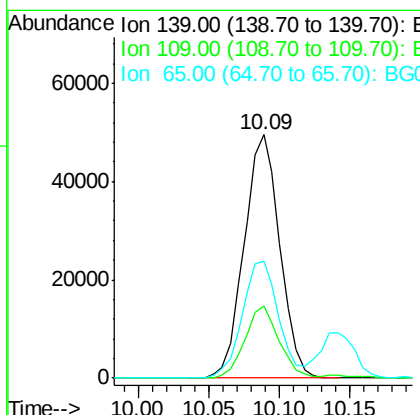
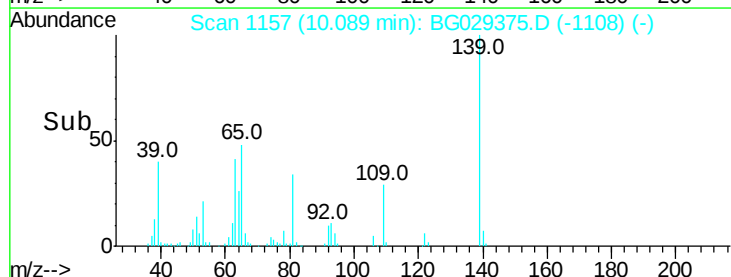
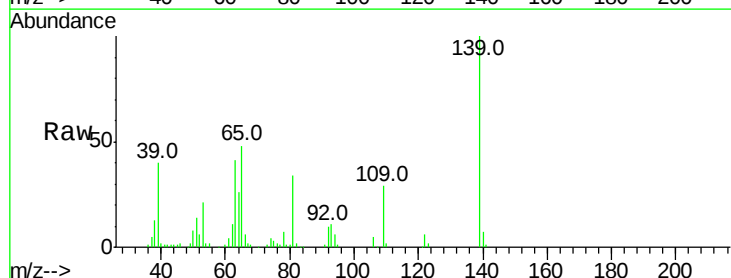
Instrument :
BNA_G
ClientSampleId :

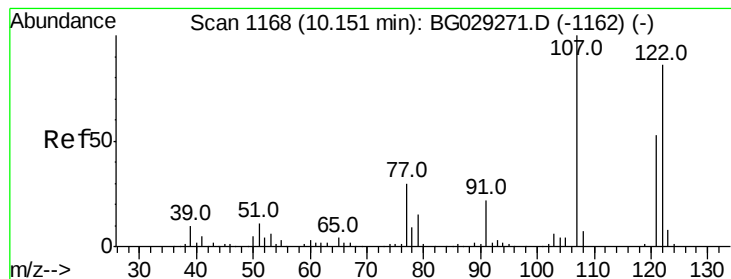
Tot Ion: 82 Resp: 330154
Ion Ratio Lower Upper
82 100
95 6.9 6.2 9.2
138 18.6 12.1 18.1#



#26
2-Nitrophenol
Concen: 40.291 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion:139 Resp: 87344
Ion Ratio Lower Upper
139 100
109 29.4 24.2 36.2
65 48.0 47.4 71.0

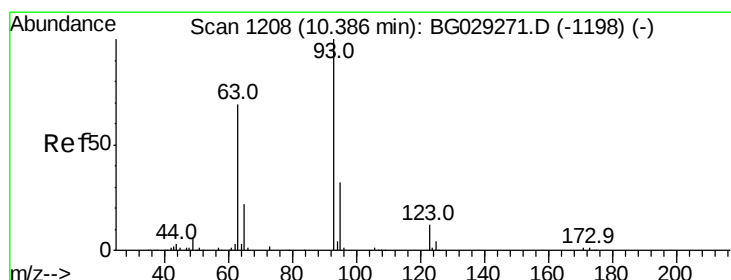
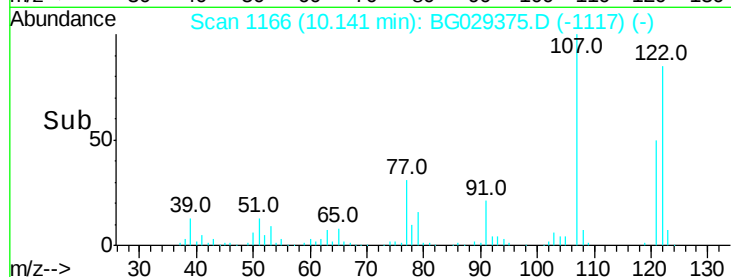
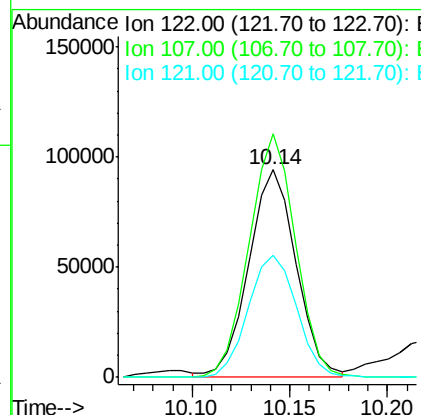
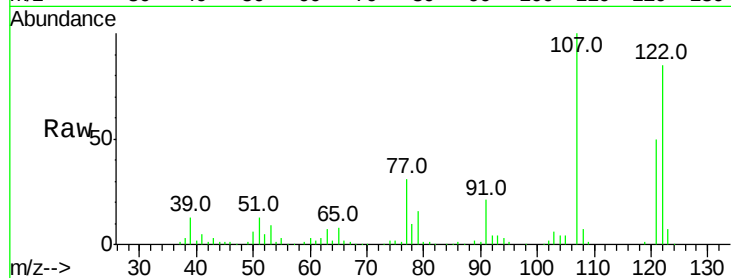




#27
 2,4-Dimethylphenol
 Concen: 40.431 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

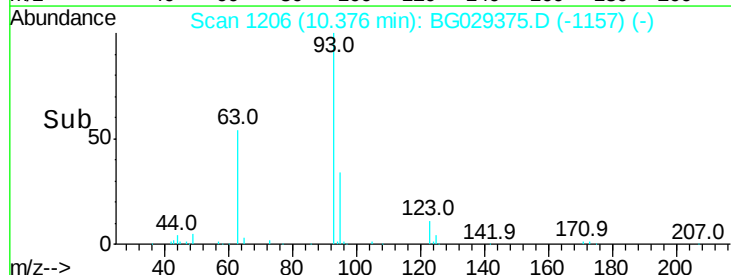
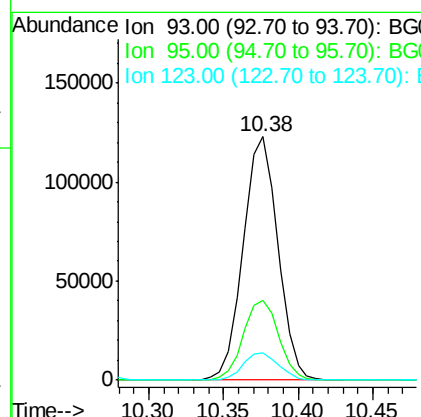
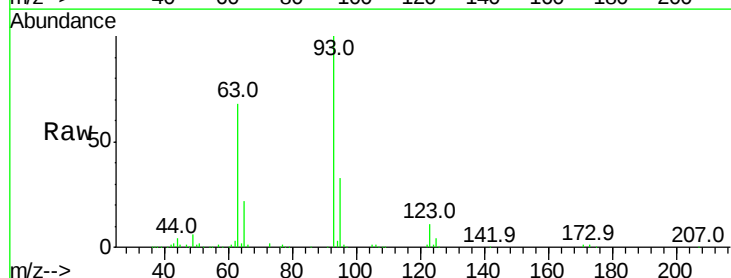
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 158576
 Ion Ratio Lower Upper
 122 100
 107 117.5 100.2 150.2
 121 59.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.297 ng
 RT: 10.38 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion: 93 Resp: 197763
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.3 36.5
 123 11.3 8.4 12.6

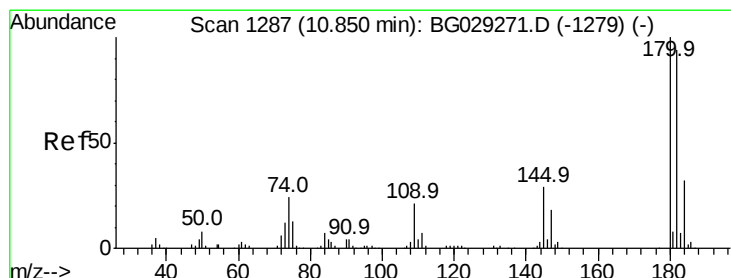
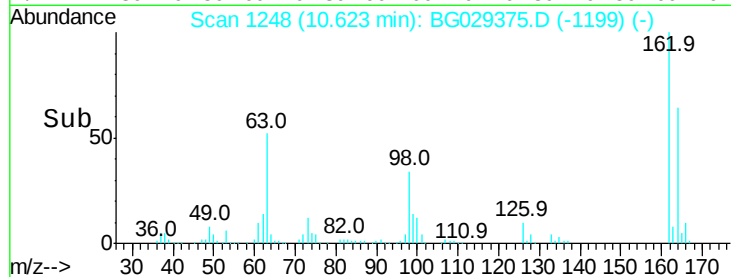
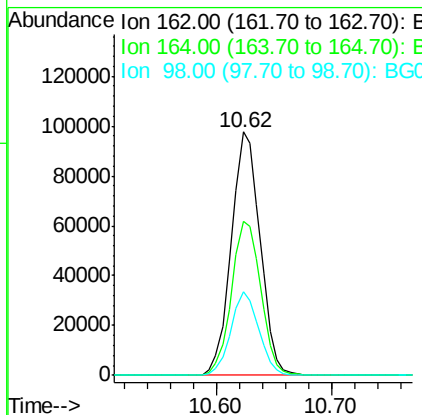
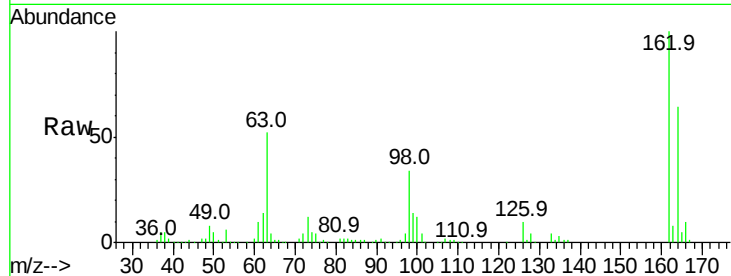




#29
 2,4-Dichlorophenol
 Concen: 40.420 ng
 RT: 10.62 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

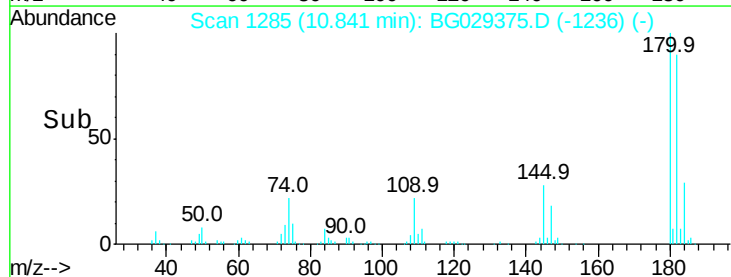
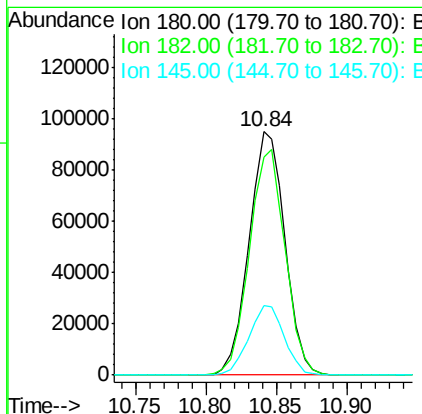
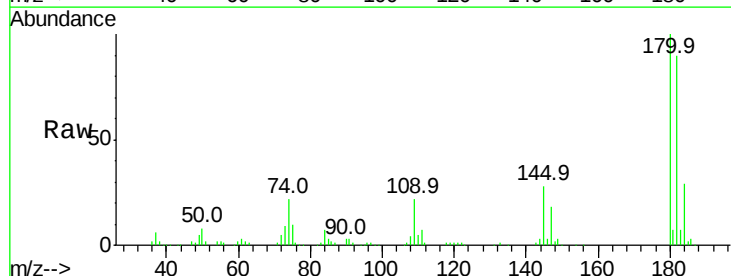
Instrument :
 BNA_G
 ClientSampled :

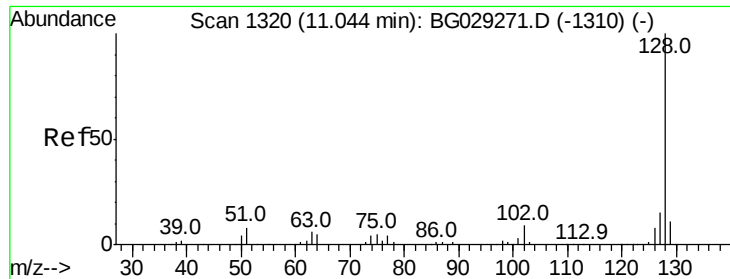
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	48.0	88.0
98	34.1	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.445 ng
 RT: 10.84 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	77.5	116.3
145	28.4	23.4	35.2

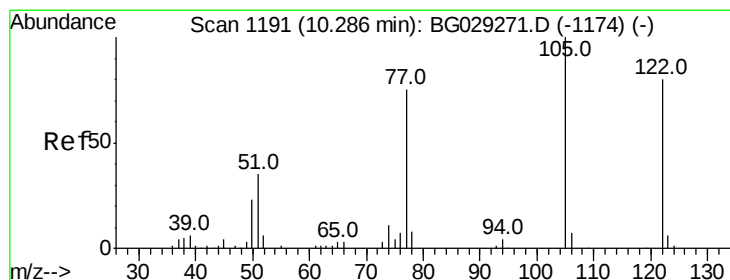
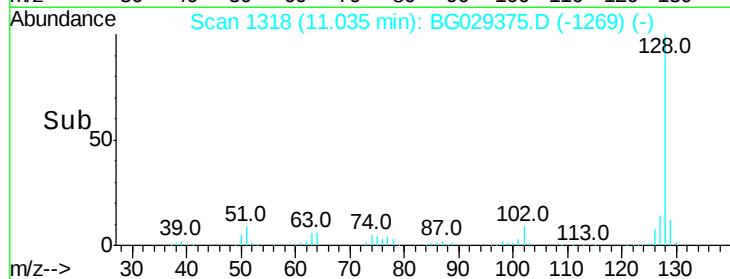
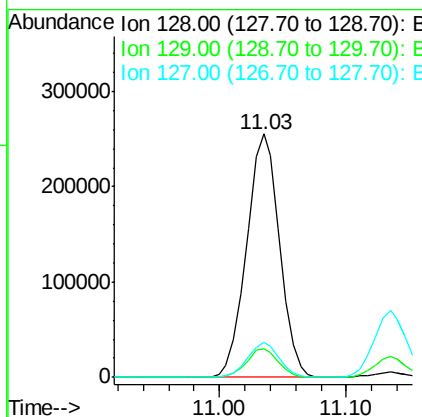
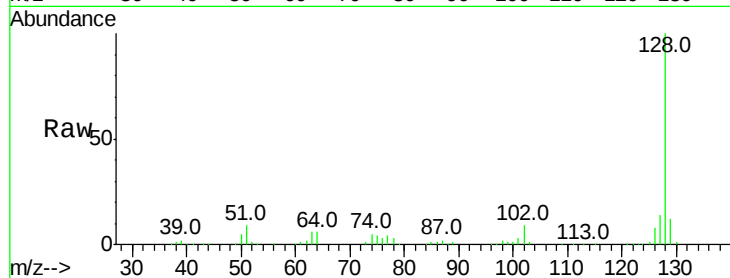




#31
Naphthalene
Concen: 36.075 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

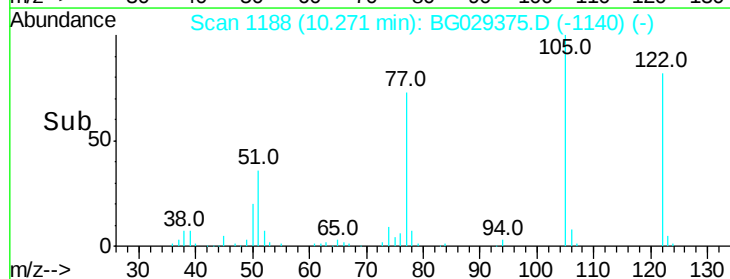
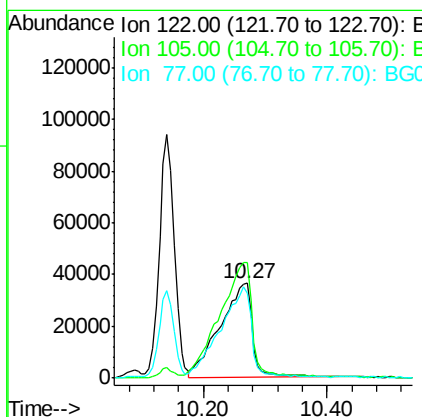
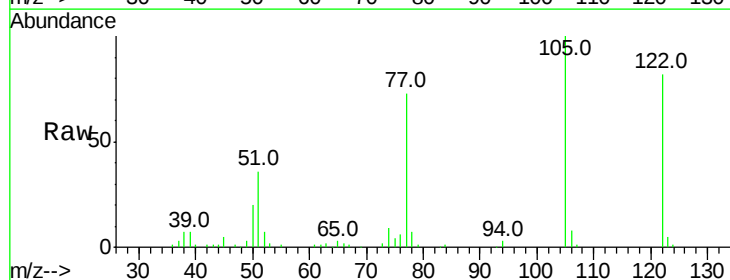
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 460892
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 40.736 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion:122 Resp: 133781
Ion Ratio Lower Upper
122 100
105 122.0 123.5 163.5#
77 89.2 85.7 125.7

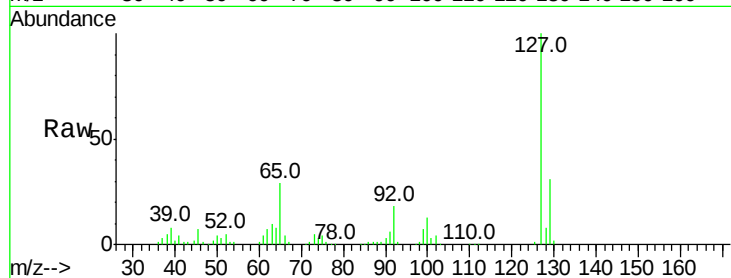




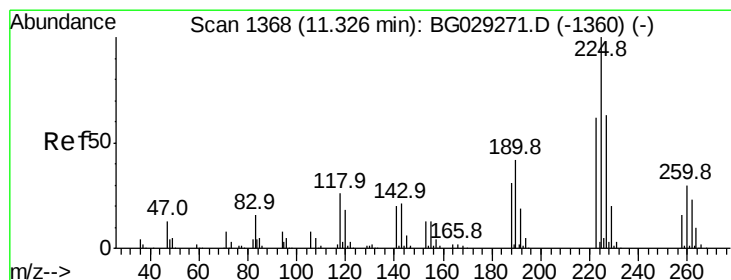
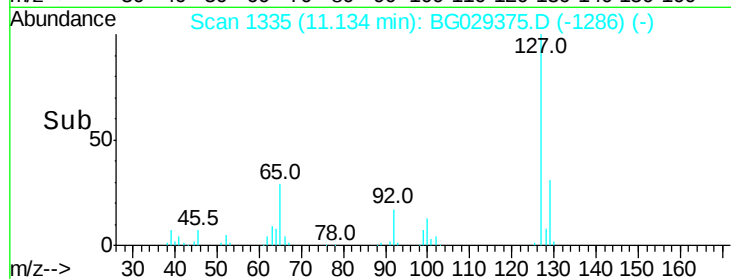
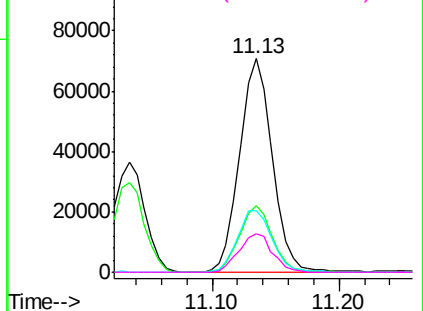
#33
4-Chloroaniline
Concen: 23.647 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	127083
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.0	36.0
65	28.8	27.0	40.4
92	18.2	16.6	25.0

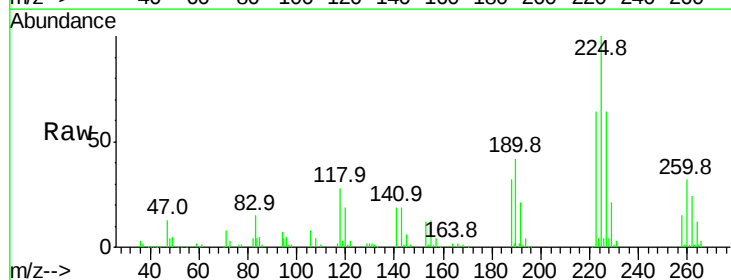


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

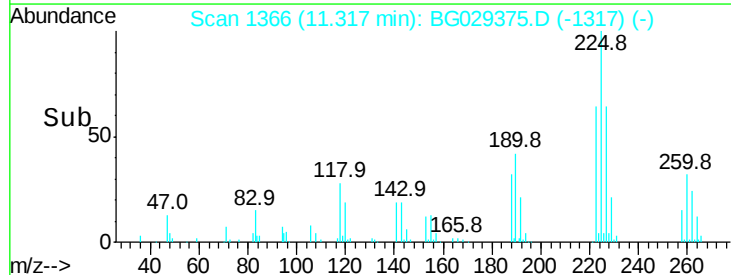
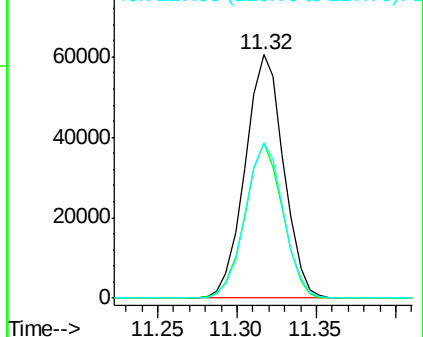


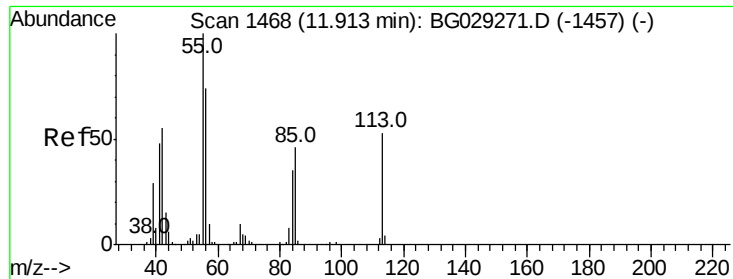
#34
Hexachlorobutadiene
Concen: 36.262 ng
RT: 11.32 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion:	225	Resp:	101876
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	63.9	48.1	72.1



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





#35

Caprolactam

Concen: 34.257 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

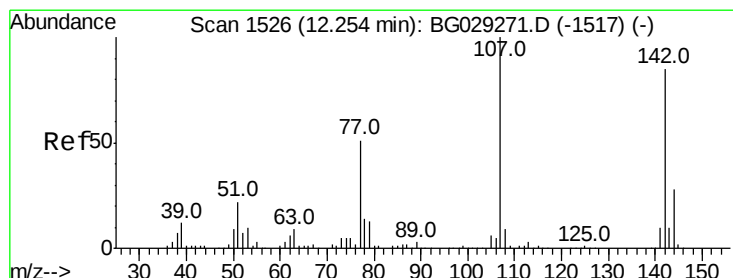
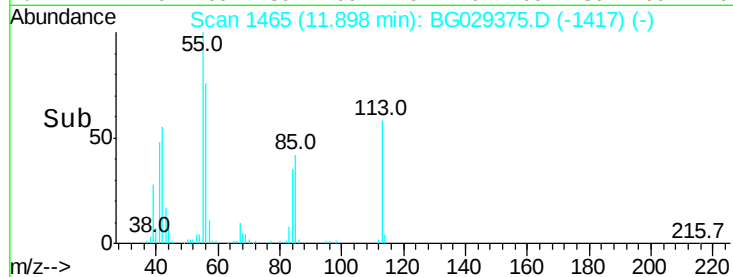
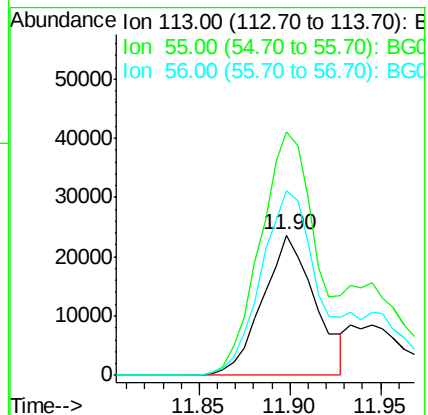
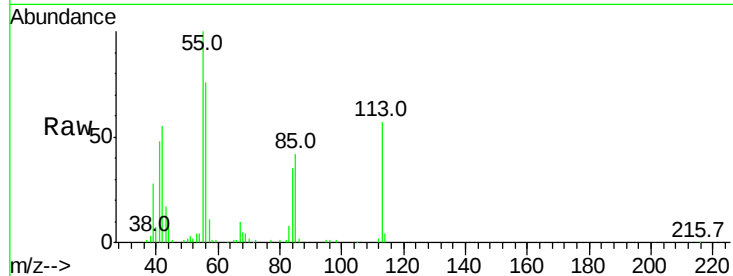
Tot Ion:113 Resp: 47618

Ion Ratio Lower Upper

113 100

55 174.0 186.9 226.9#

56 131.7 130.9 170.9



#36

4-Chloro-3-methylphenol

Concen: 40.220 ng

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

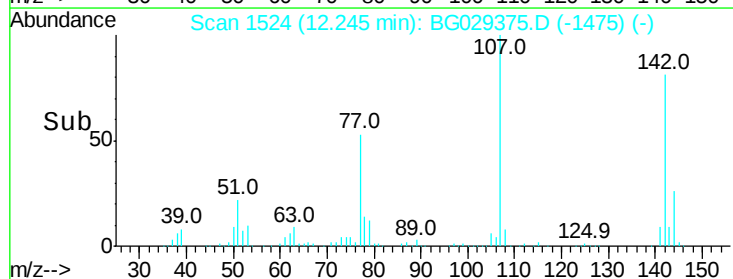
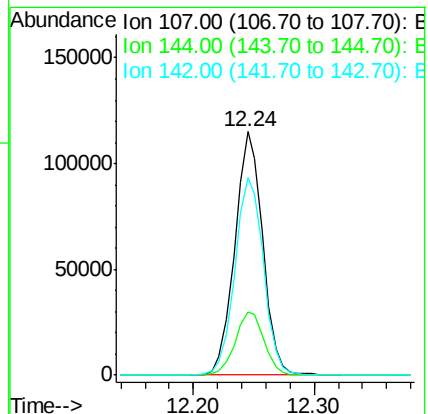
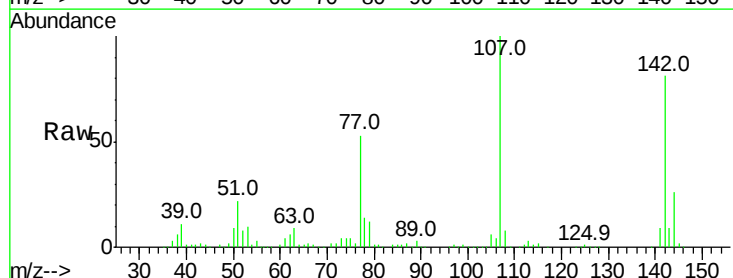
Tgt Ion:107 Resp: 185015

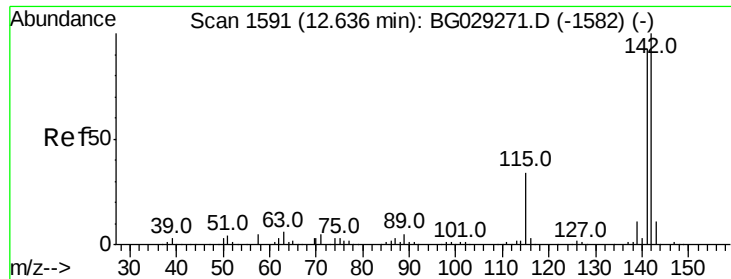
Ion Ratio Lower Upper

107 100

144 26.0 18.2 27.4

142 81.1 59.0 88.4

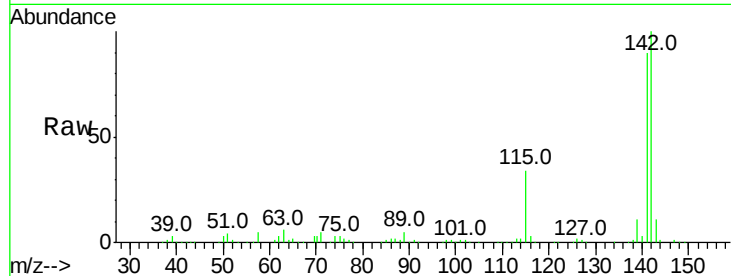




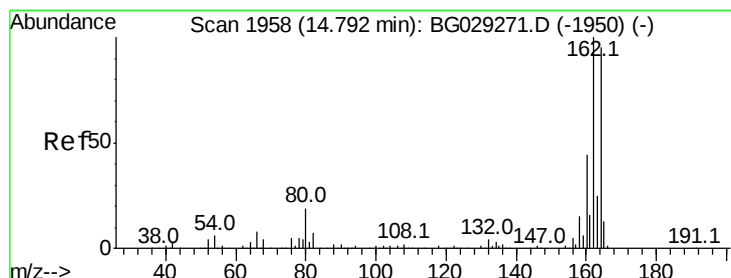
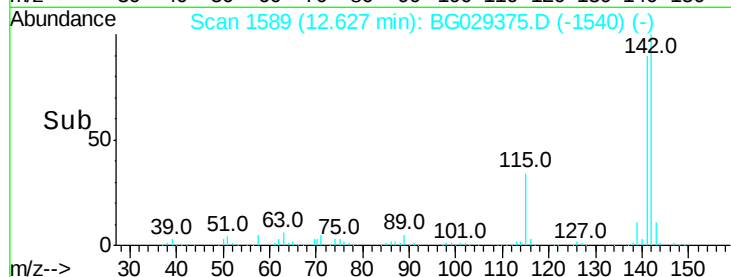
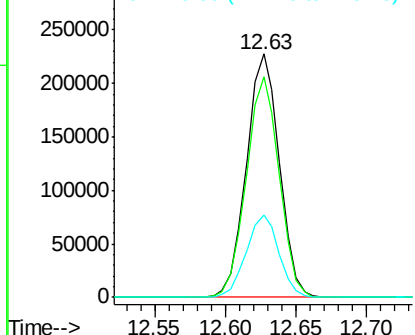
#37
2-Methylnaphthalene
Concen: 39.948 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	67.1	100.7
115	34.0	30.7	46.1

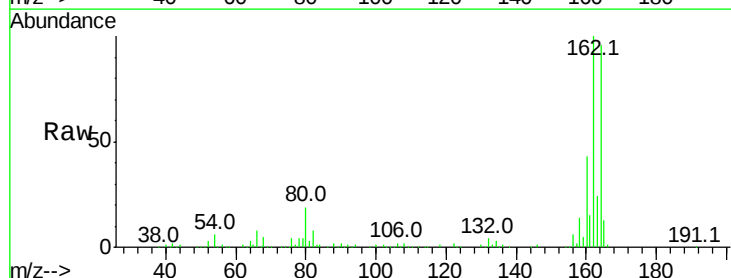


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

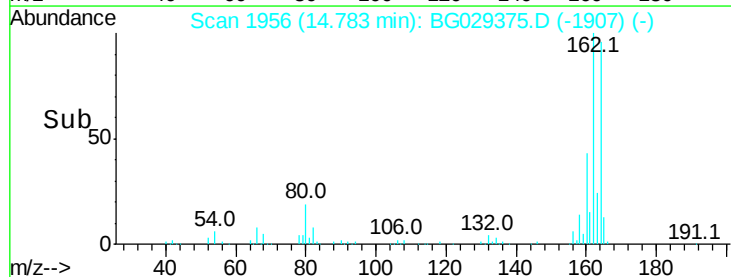
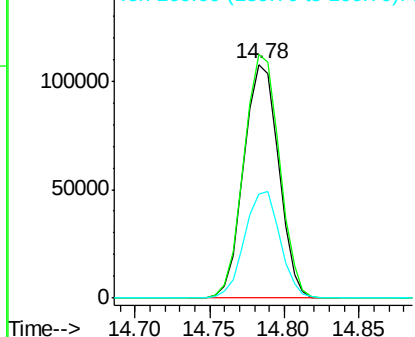


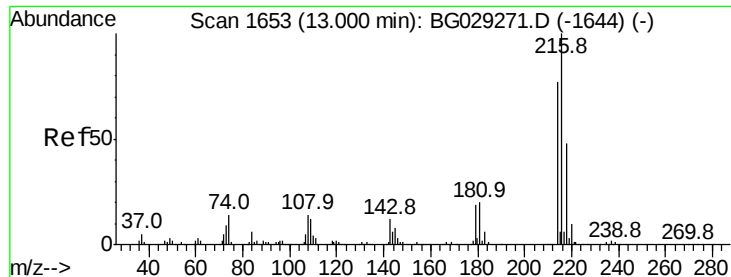
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	44.6	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

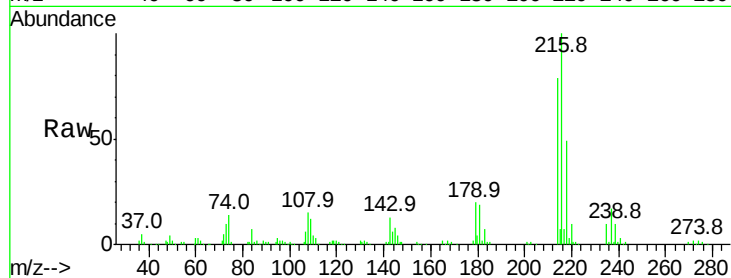




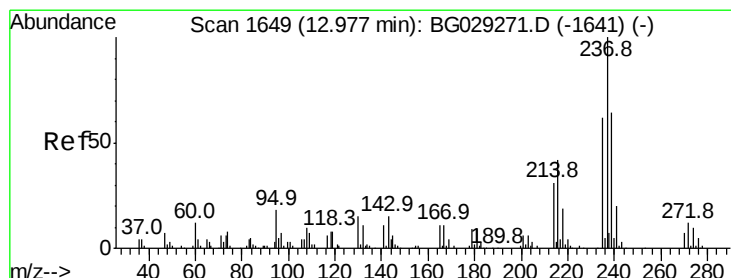
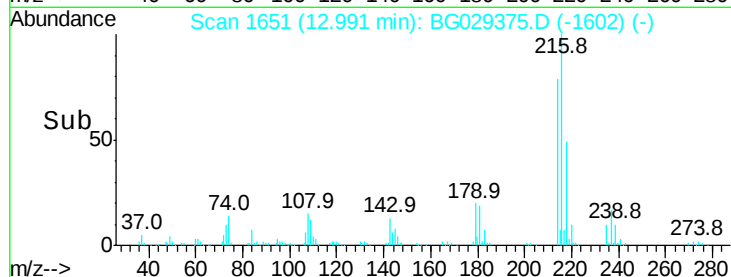
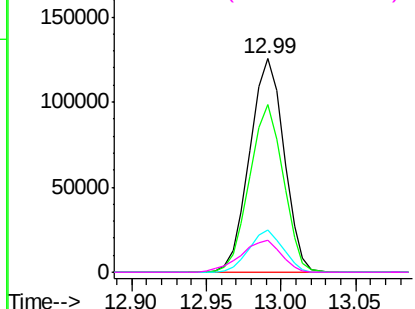
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.286 ng
 RT: 12.99 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	199032
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.0	94.4
179	19.5	17.0	25.6
108	17.8	12.8	19.2

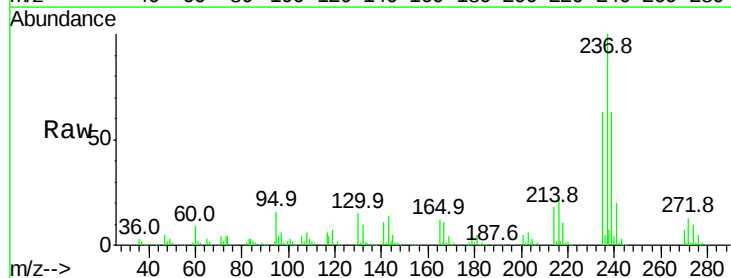


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

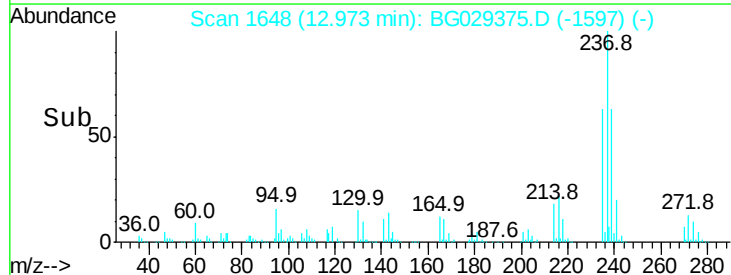
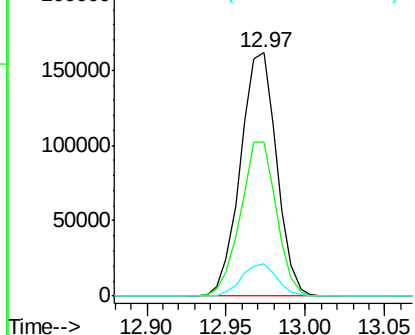


#40
 Hexachlorocyclopentadiene
 Concen: 104.538 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion:	237	Resp:	255589
Ion	Ratio	Lower	Upper
237	100		
235	63.2	50.4	90.4
272	13.3	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

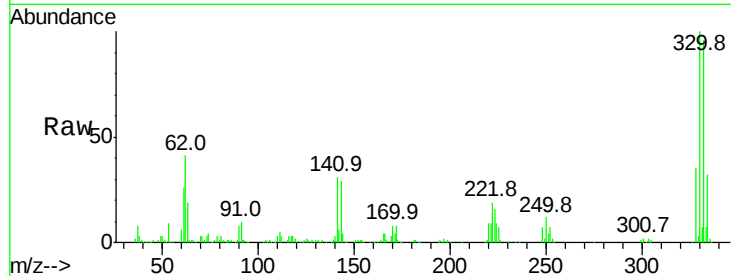




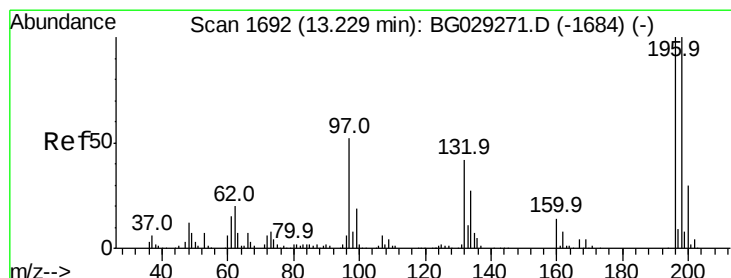
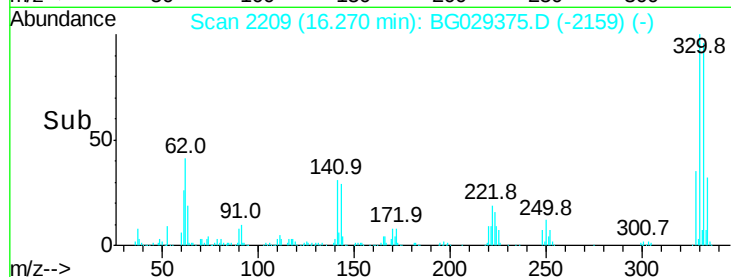
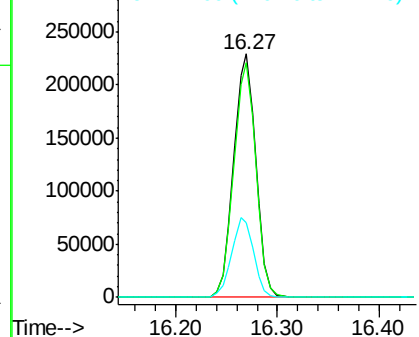
#41
 2,4,6-Tribromophenol
 Concen: 154.486 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.4	25.2	37.8

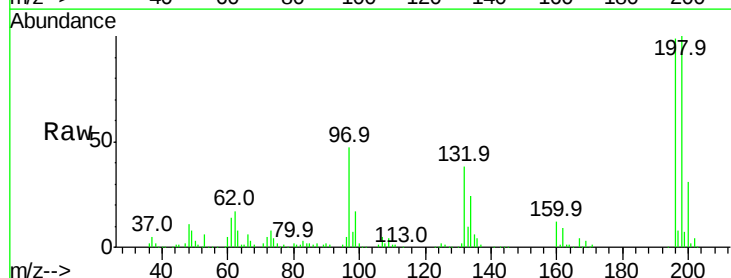


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

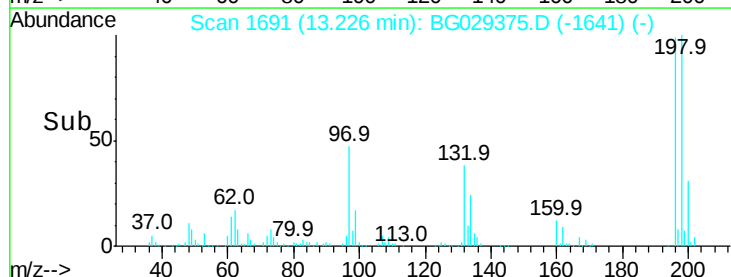
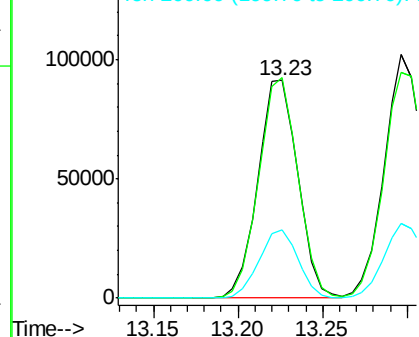


#42
 2,4,6-Trichlorophenol
 Concen: 37.717 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.2	78.2	117.2
200	31.4	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

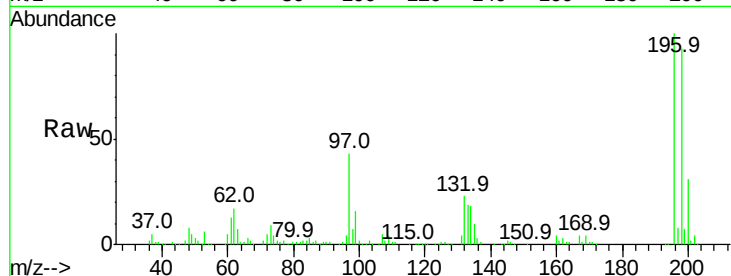




#43
 2,4,5-Trichlorophenol
 Concen: 40.765 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.5	76.2	114.4
97	43.5	38.7	58.1
132	23.1	20.2	30.2



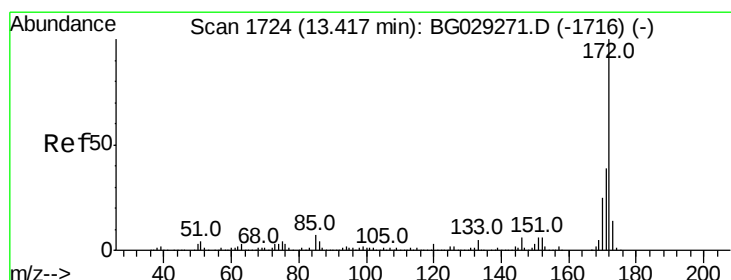
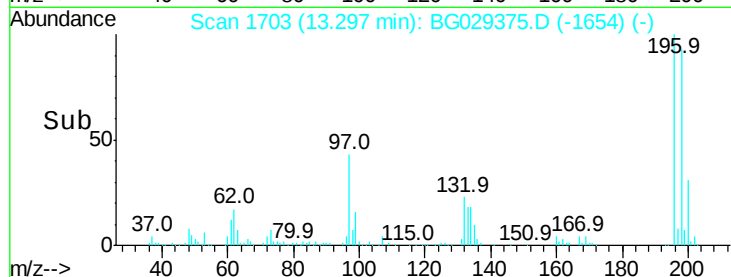
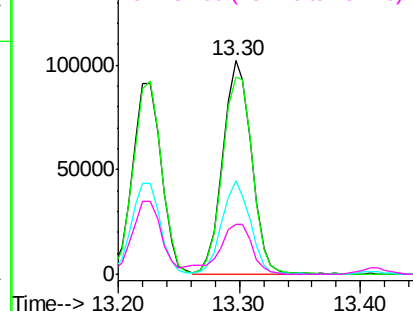
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

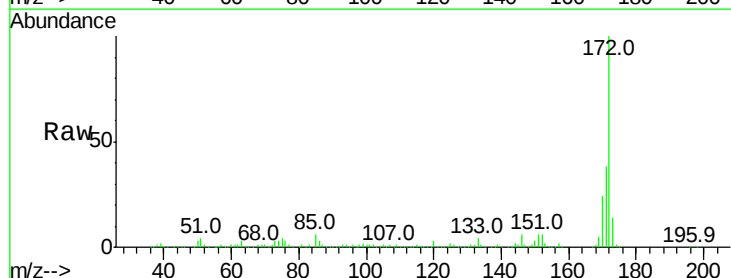
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.583 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.4	19.5	29.3

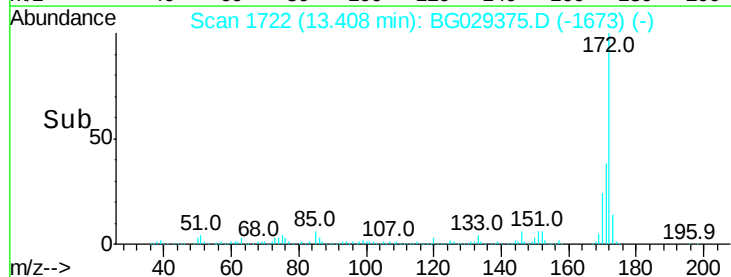
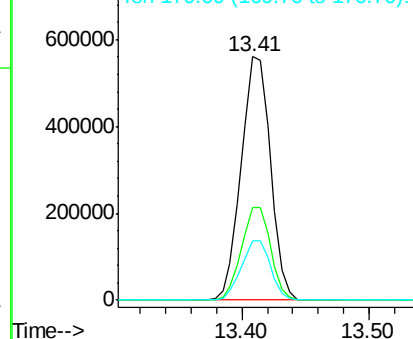


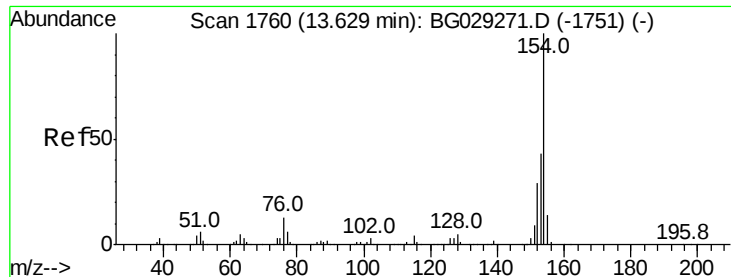
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.663 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

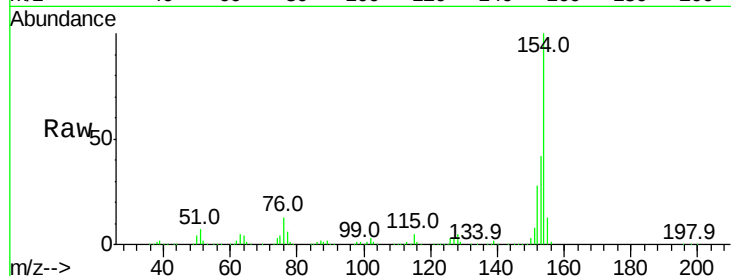
Tot Ion:154 Resp: 504162

Ion Ratio Lower Upper

154 100

153 41.8 19.8 59.8

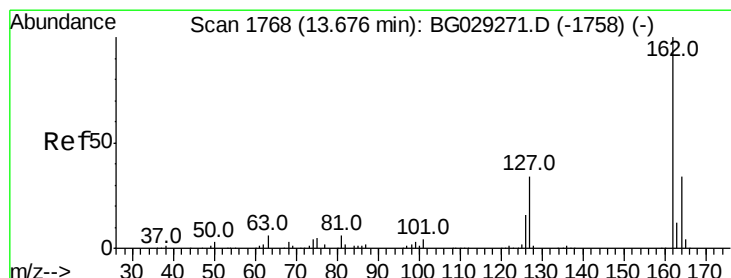
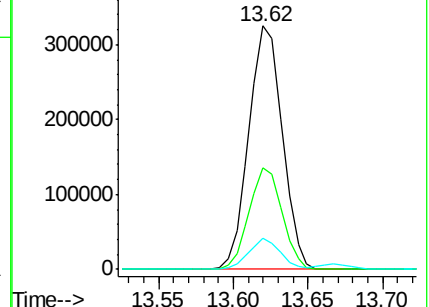
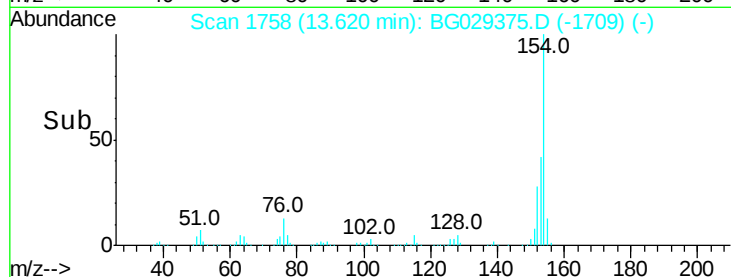
76 13.0 0.0 31.9



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: 35.443 ng

RT: 13.67 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

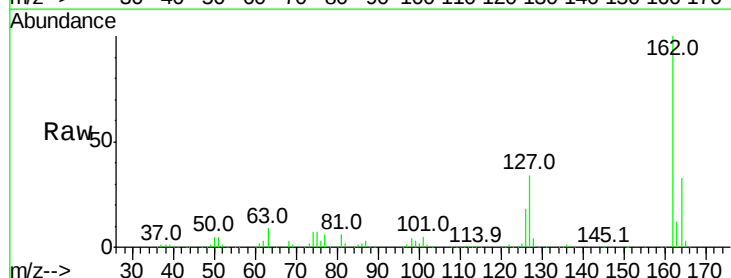
Tgt Ion:162 Resp: 387194

Ion Ratio Lower Upper

162 100

127 34.5 30.7 46.1

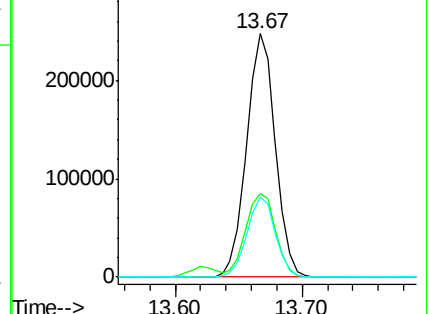
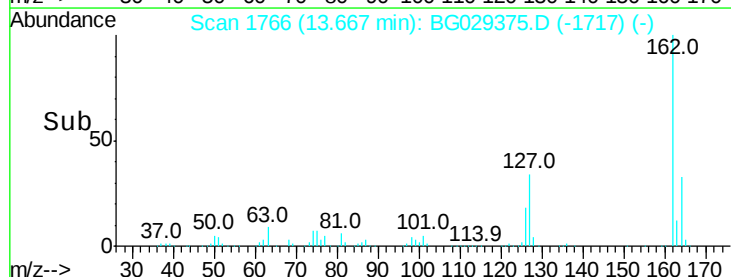
164 32.7 26.0 39.0

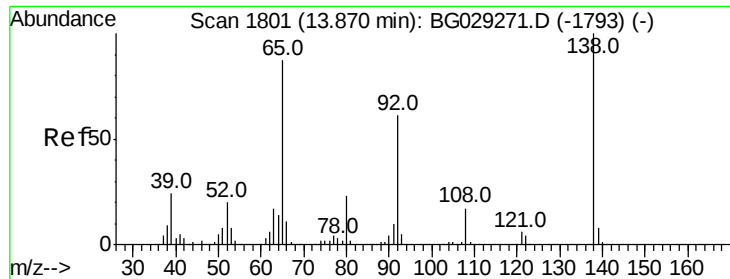


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.896 ng

RT: 13.87 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampled :

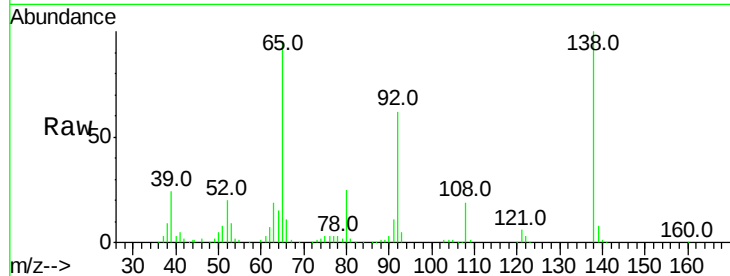
Tot Ion: 65 Resp: 128715

Ion Ratio Lower Upper

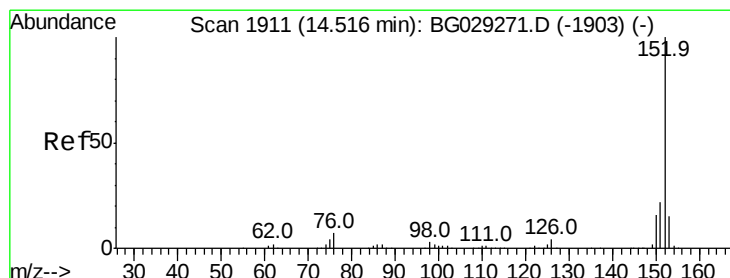
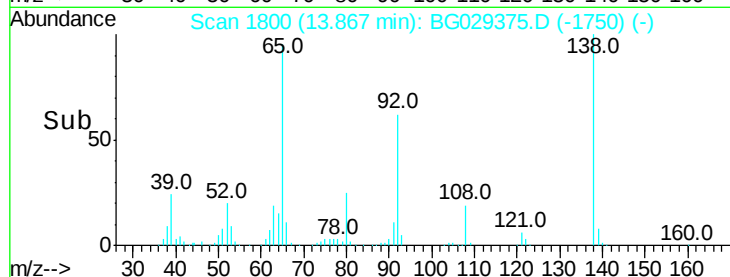
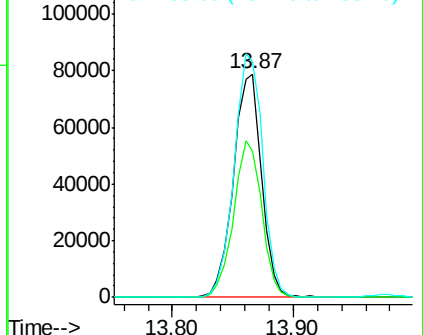
65 100

92 65.4 54.6 82.0

138 105.6 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 37.040 ng

RT: 14.51 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

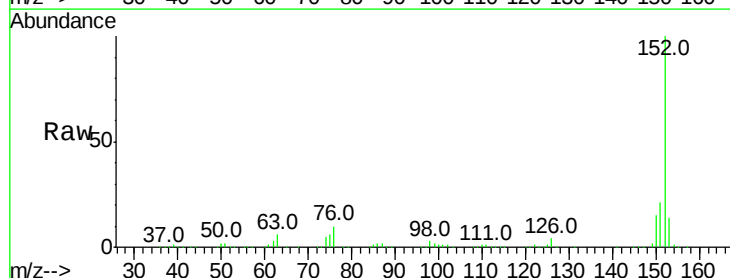
Tgt Ion: 152 Resp: 633267

Ion Ratio Lower Upper

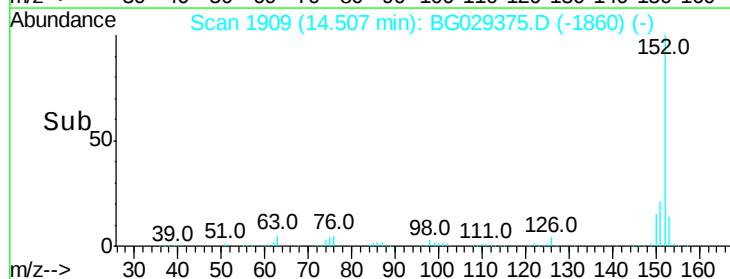
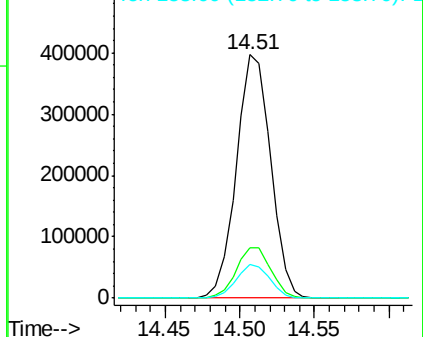
152 100

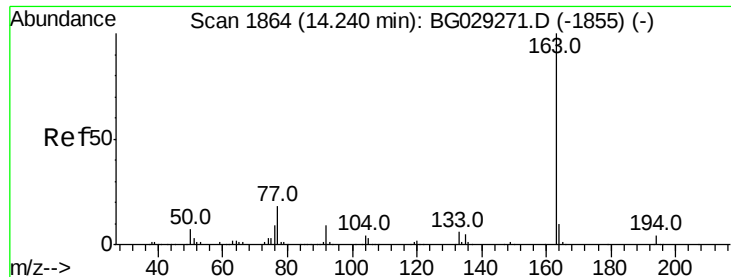
151 20.8 17.2 25.8

153 13.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 41.344 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampled :

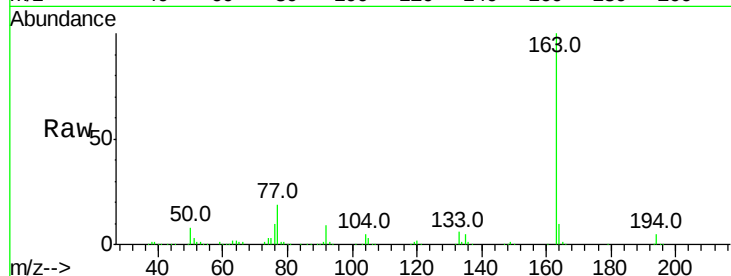
Tot Ion:163 Resp: 562078

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

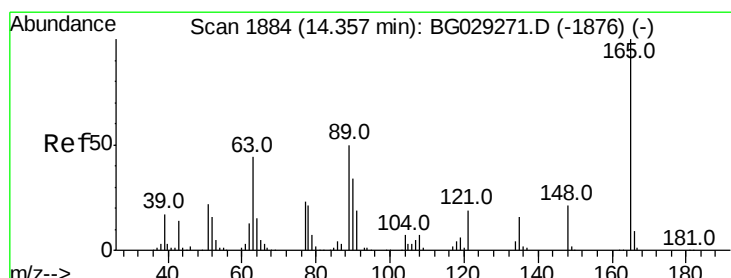
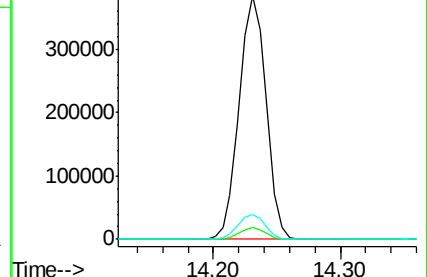
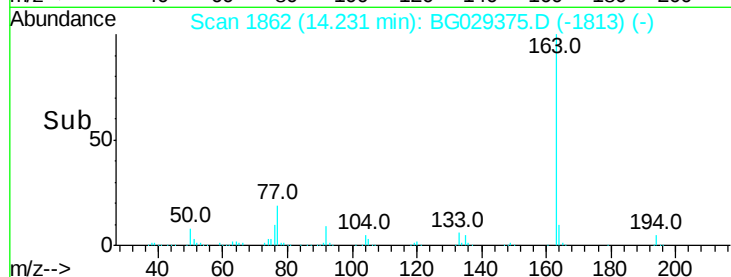
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.271 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

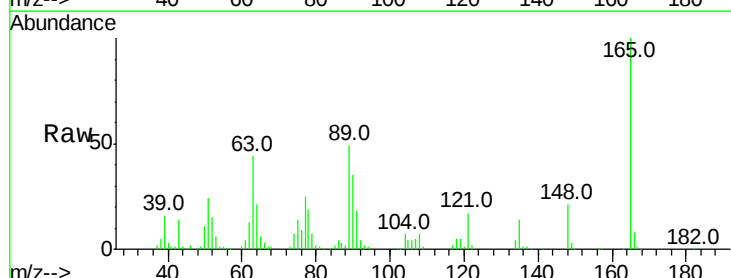
Tgt Ion:165 Resp: 120470

Ion Ratio Lower Upper

165 100

63 44.4 52.7 79.1#

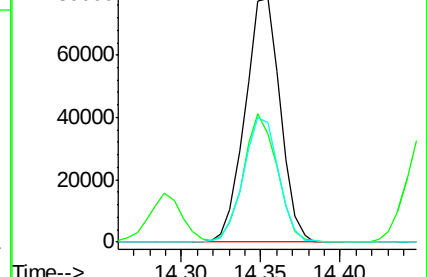
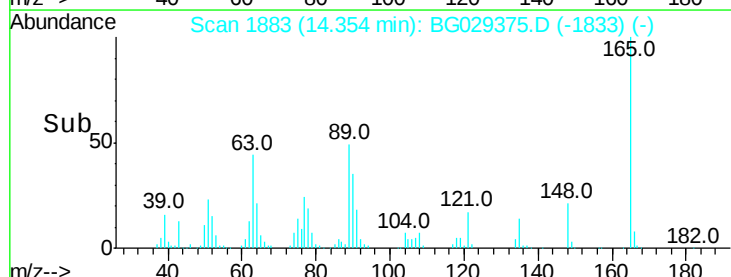
89 48.9 49.2 73.8#

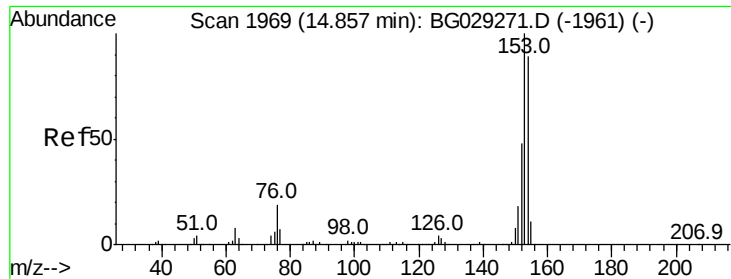


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.677 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

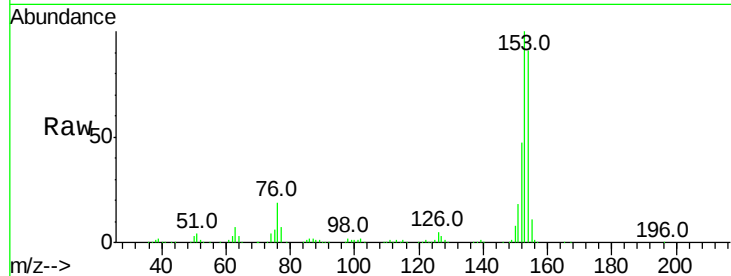
Tot Ion:154 Resp: 396872

Ion Ratio Lower Upper

154 100

153 110.4 90.4 135.6

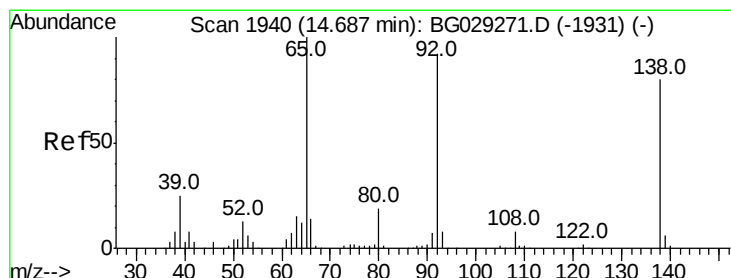
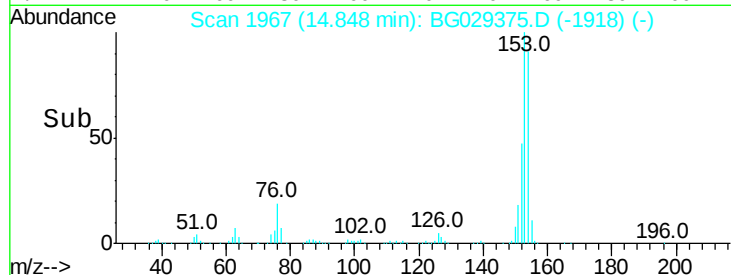
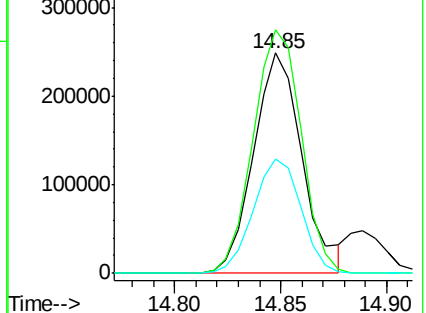
152 51.8 41.6 62.4



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: 31.261 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

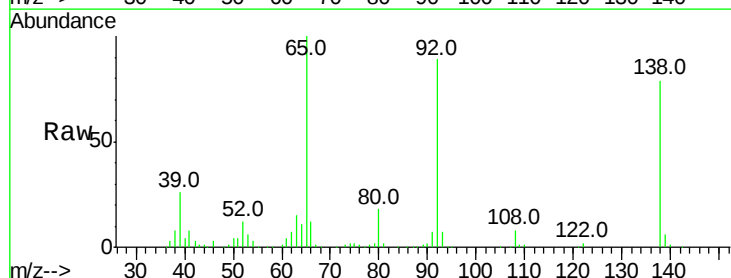
Tgt Ion:138 Resp: 96137

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

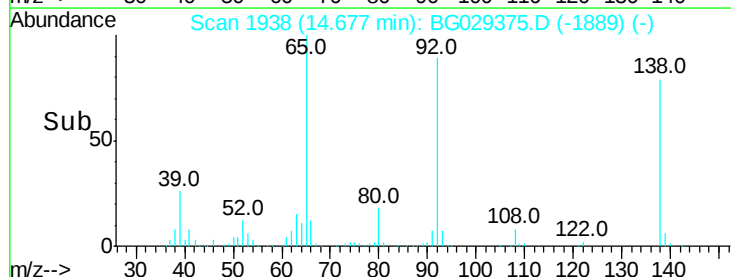
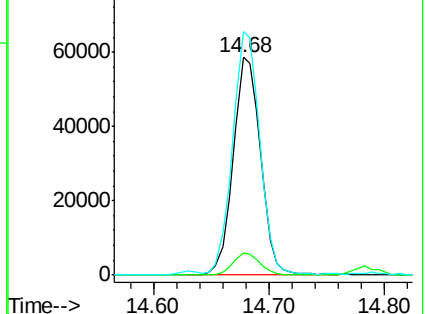
92 111.9 105.8 158.8



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

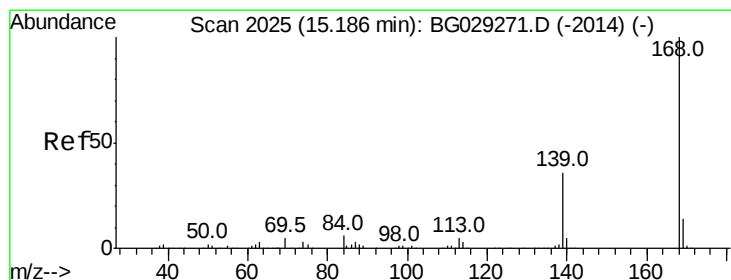
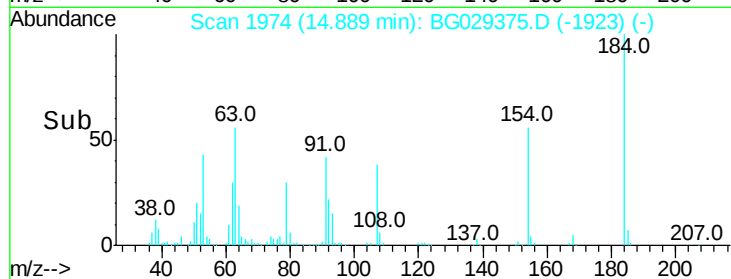
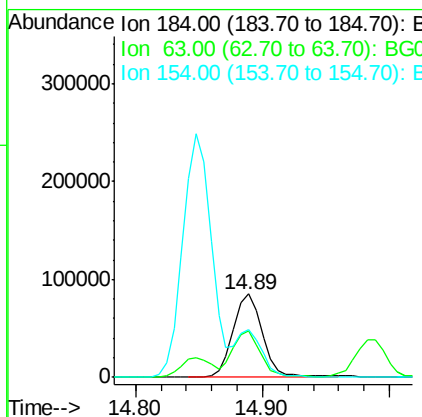
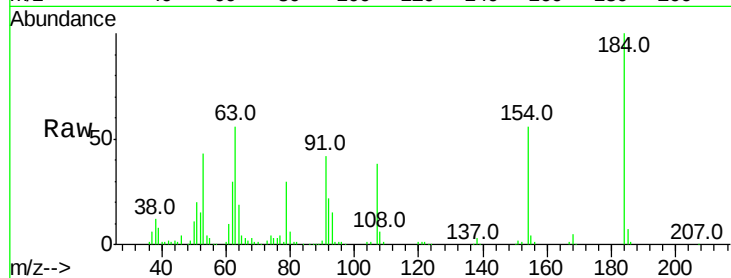




#53
 2,4-Dinitrophenol
 Concen: 87.207 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

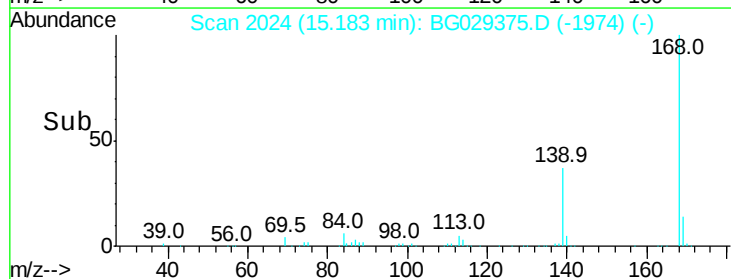
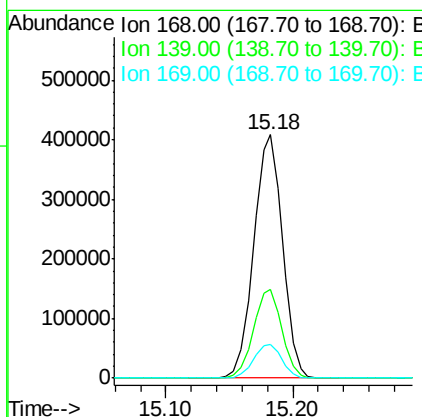
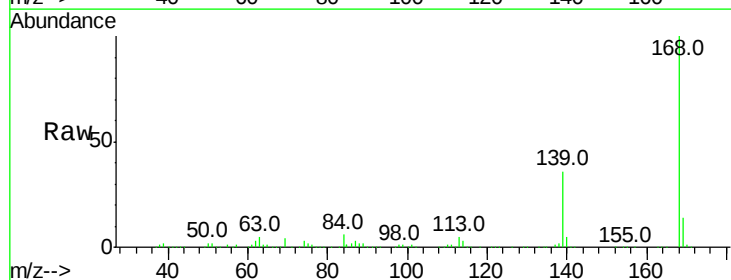
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 137882
 Ion Ratio Lower Upper
 184 100
 63 55.5 59.8 89.8#
 154 56.4 101.8 152.8#



#54
 Dibenzofuran
 Concen: 40.374 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion:168 Resp: 641145
 Ion Ratio Lower Upper
 168 100
 139 36.3 28.6 43.0
 169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 92.616 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

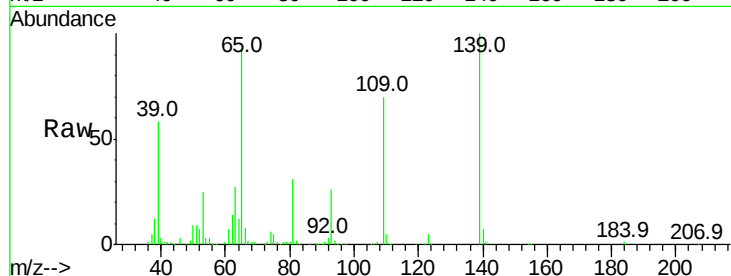
Tot Ion:139 Resp: 234813

Ion Ratio Lower Upper

139 100

109 70.4 62.2 102.2

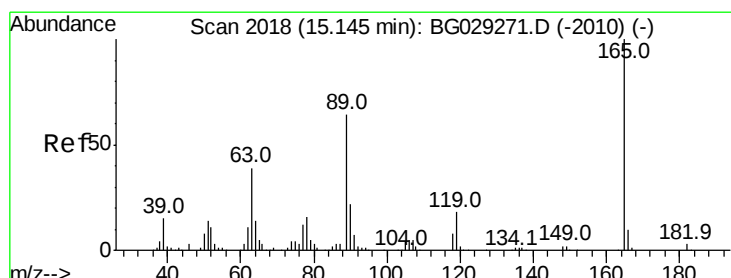
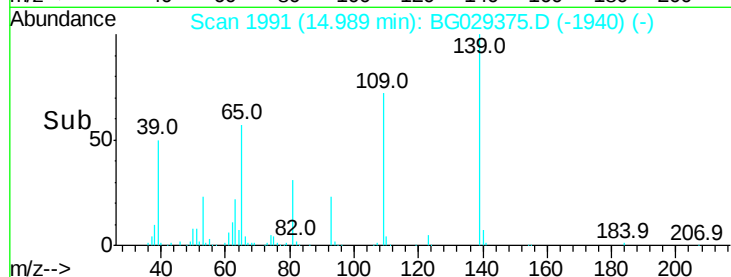
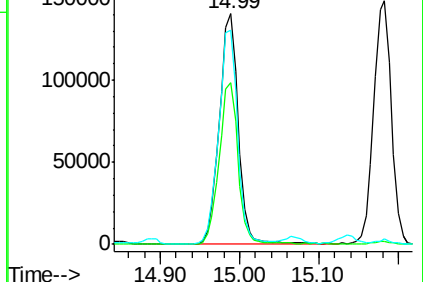
65 92.9 97.2 137.2#



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: 45.801 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:165 Resp: 176698

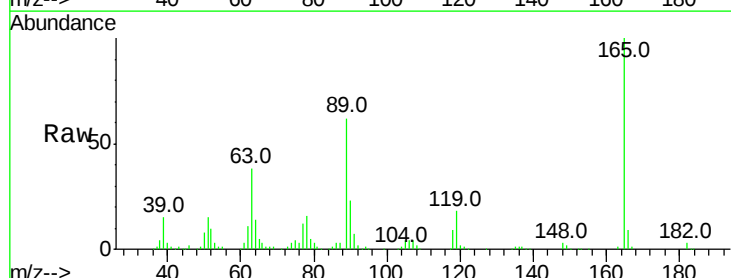
Ion Ratio Lower Upper

165 100

63 38.4 42.0 63.0#

89 62.1 66.9 100.3#

182 3.2 2.6 3.8

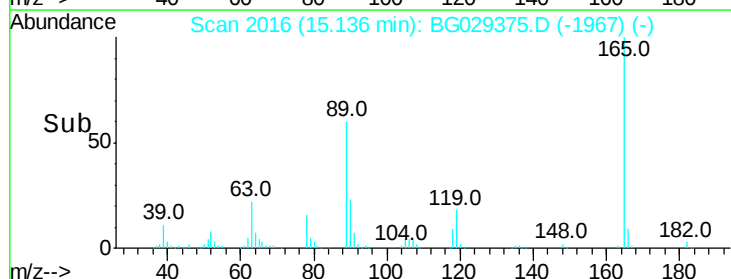
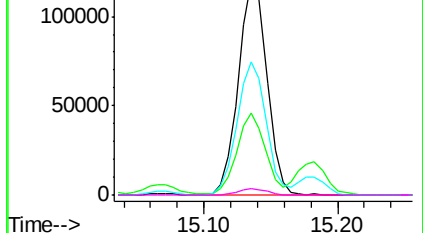


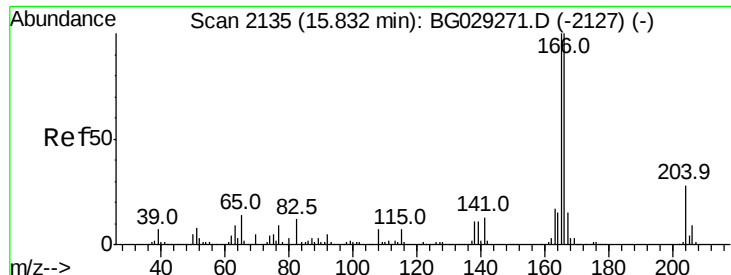
Abundance Ion 165.00 (164.70 to 165.70): E

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

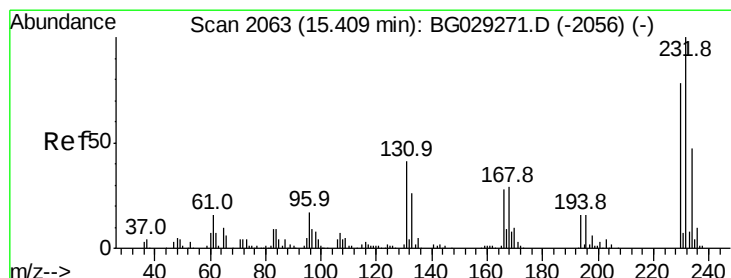
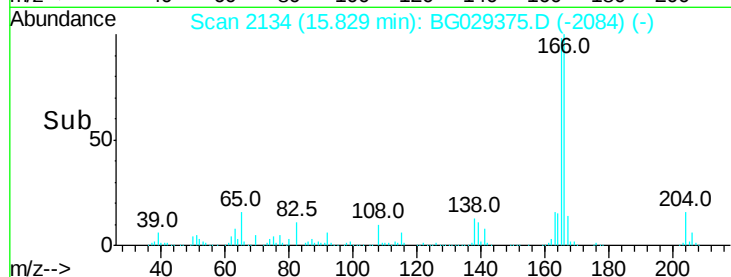
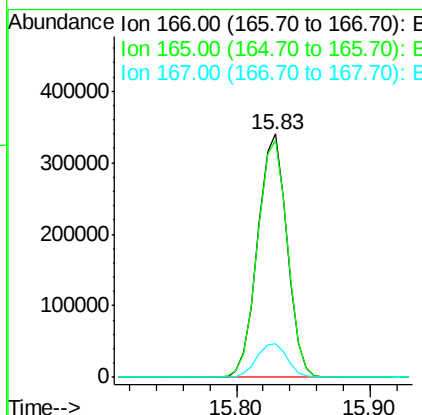
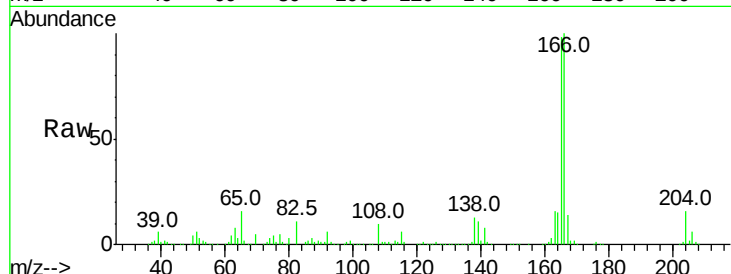




#57
 Fluorene
 Concen: 39.231 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

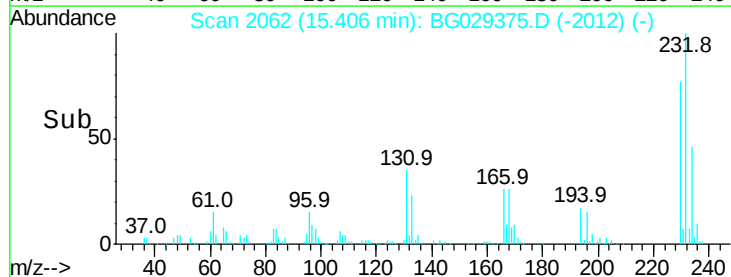
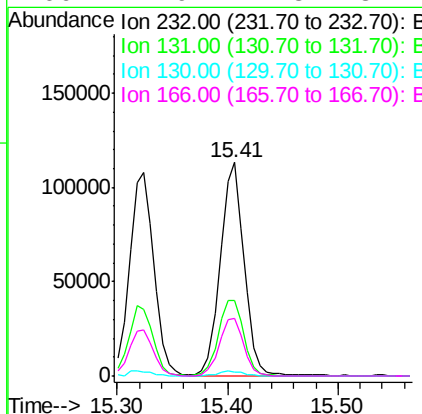
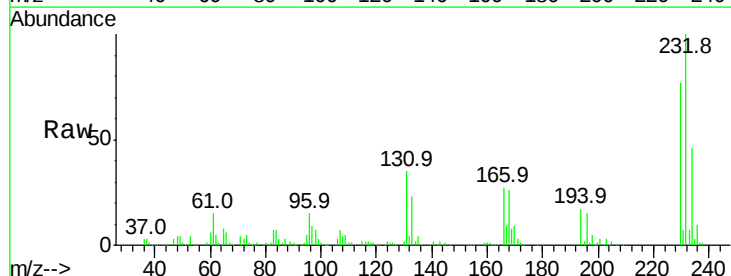
Instrument :
 BNA_G
 ClientSampled :

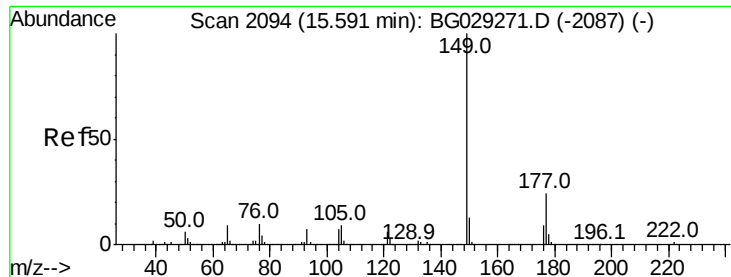
Tot Ion:166 Resp: 514652
 Ion Ratio Lower Upper
 166 100
 165 97.6 80.6 121.0
 167 13.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.392 ng
 RT: 15.41 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion:232 Resp: 169005
 Ion Ratio Lower Upper
 232 100
 131 38.2 33.5 50.3
 130 2.3 2.2 3.2
 166 27.9 24.8 37.2

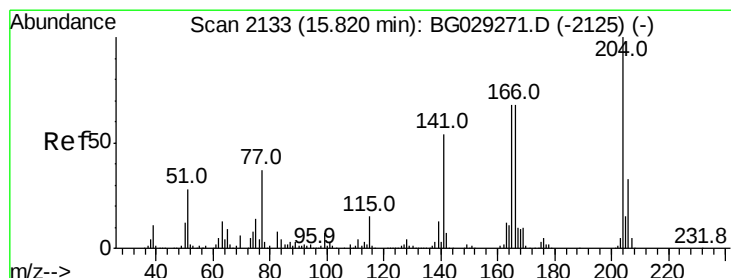
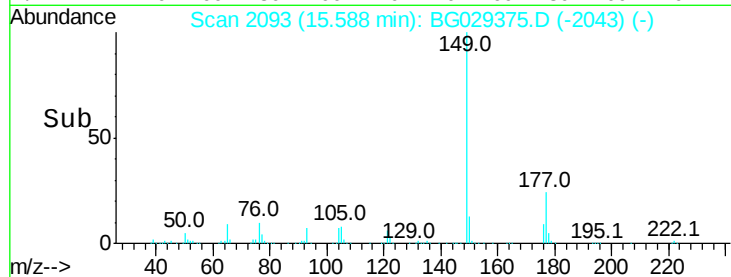
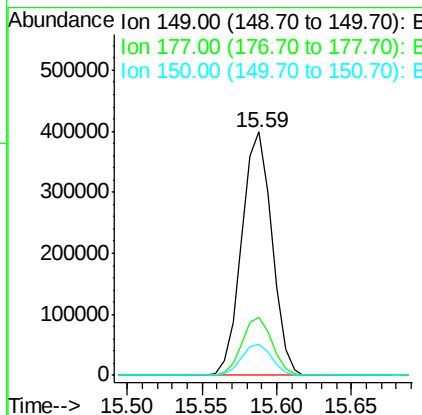
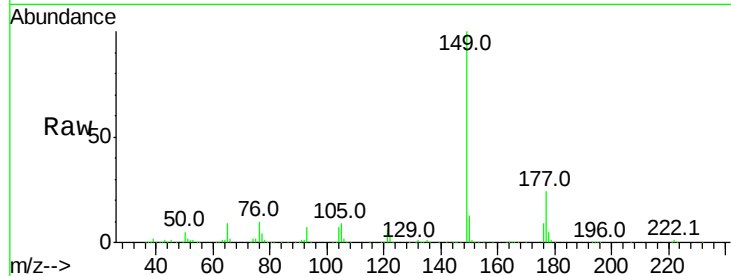




#59
Diethylphthalate
Concen: 41.215 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

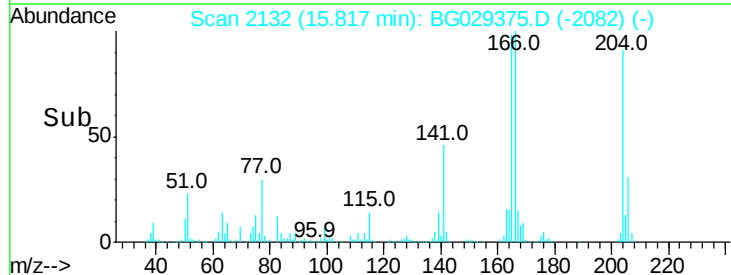
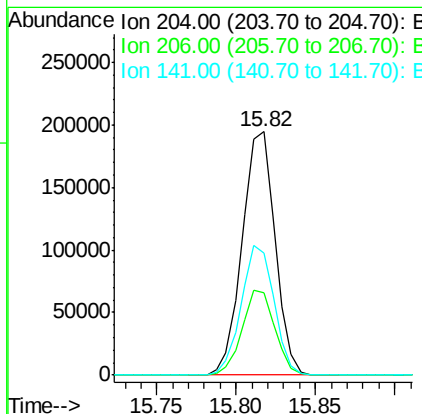
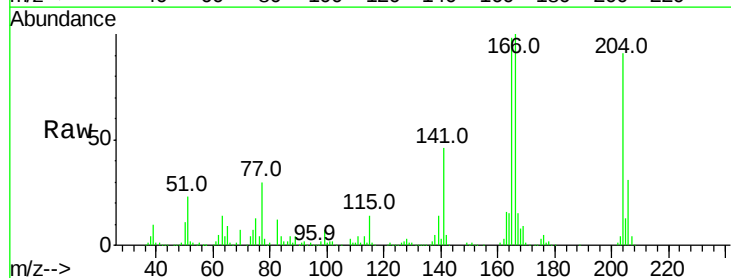
Instrument :
BNA_G
ClientSampled :

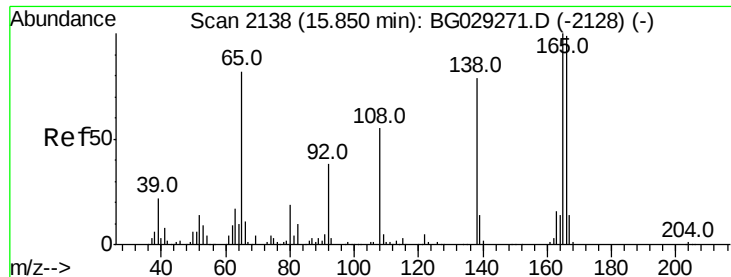
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.084 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	50.1	45.8	68.6

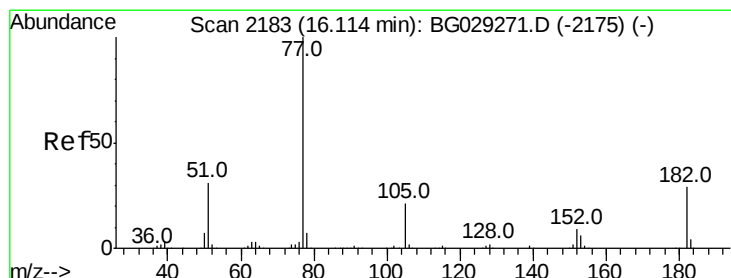
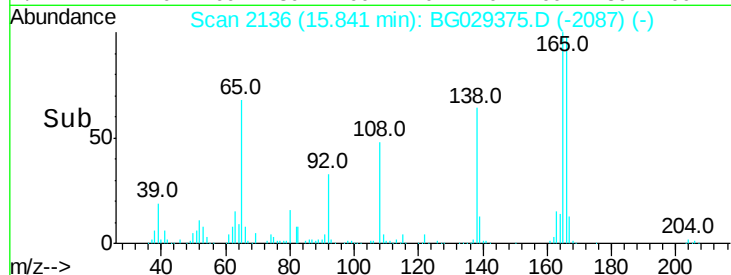
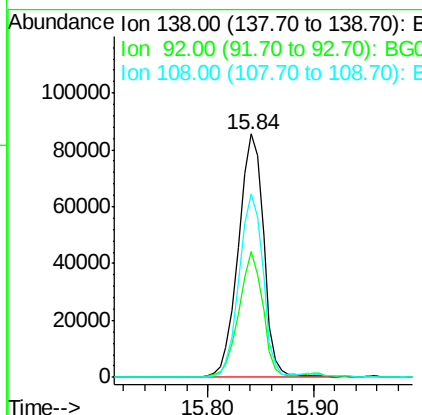
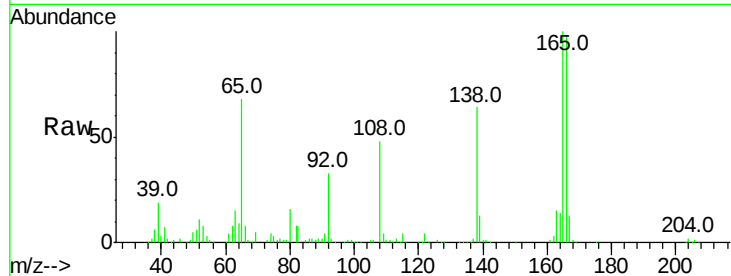




#61
4-Nitroaniline
Concen: 44.885 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

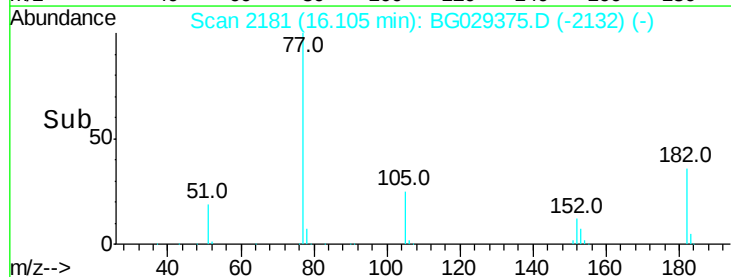
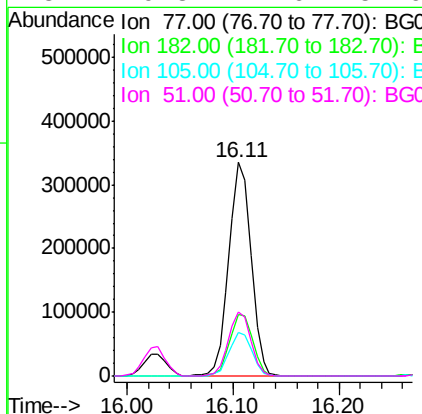
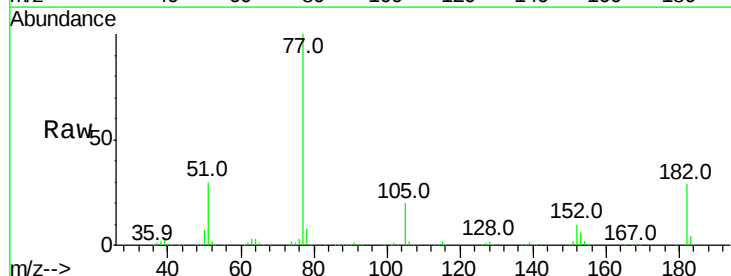
Instrument :
BNA_G
ClientSampleId :

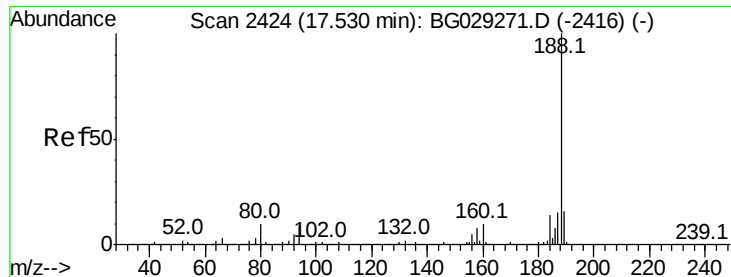
Tot Ion:138 Resp: 141737
Ion Ratio Lower Upper
138 100
92 51.5 40.1 80.1
108 75.5 65.4 105.4



#62
Azobenzene
Concen: 42.694 ng
RT: 16.11 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion: 77 Resp: 487785
Ion Ratio Lower Upper
77 100
182 28.9 7.4 47.4
105 20.2 0.3 40.3
51 29.8 11.6 51.6

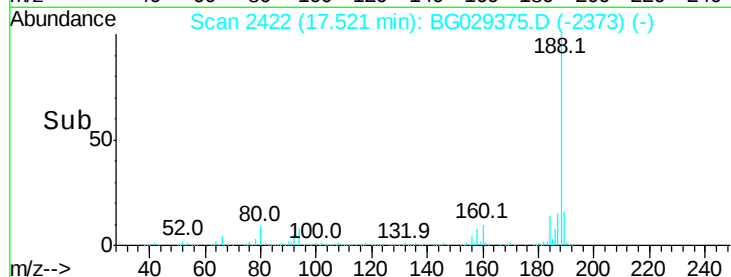
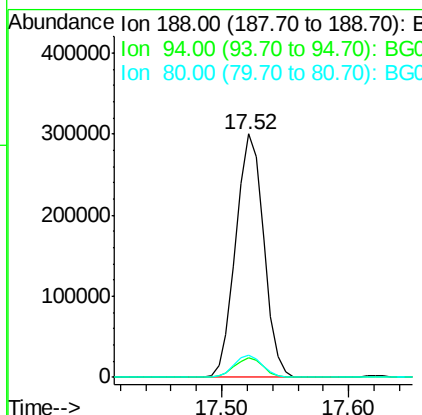
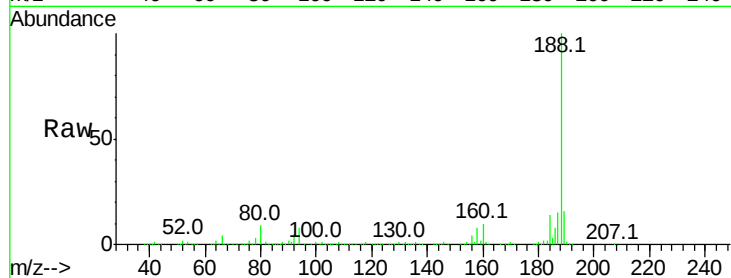




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

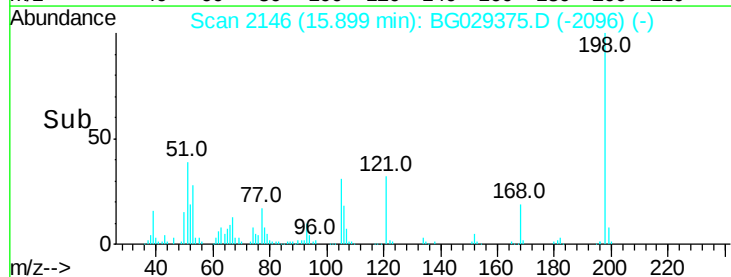
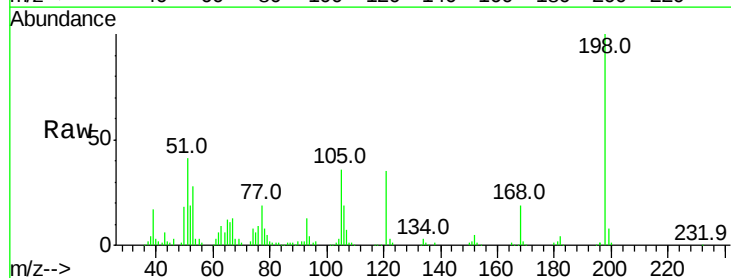
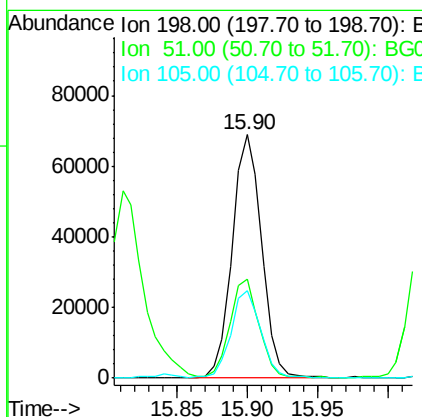
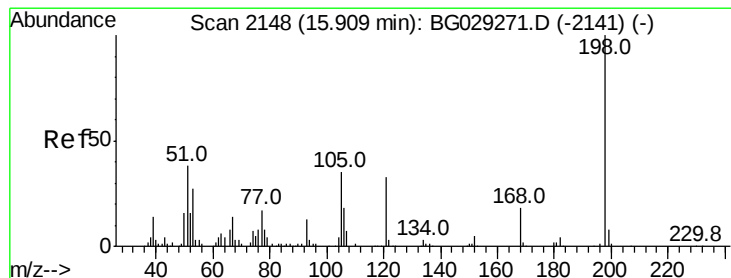
Instrument :
BNA_G
ClientSampleId :

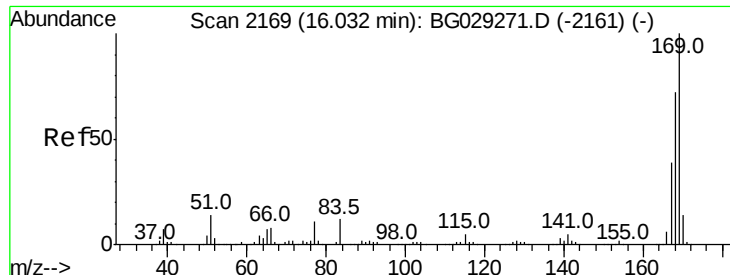
Tot Ion:188 Resp: 456937
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.9 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 39.503 ng
RT: 15.90 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion:198 Resp: 100079
Ion Ratio Lower Upper
198 100
51 40.7 30.6 70.6
105 36.2 23.8 63.8

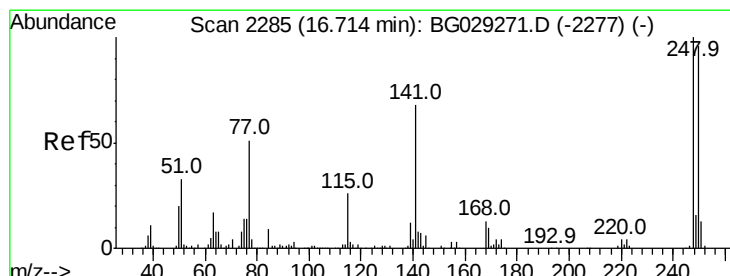
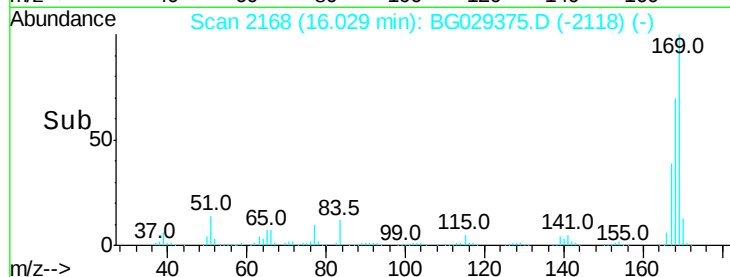
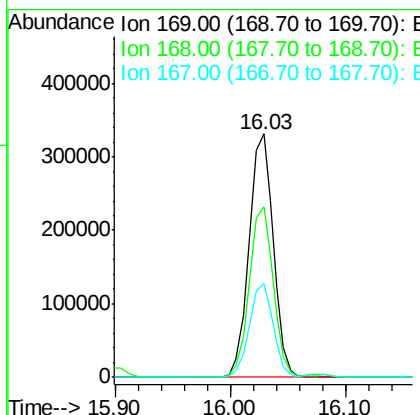
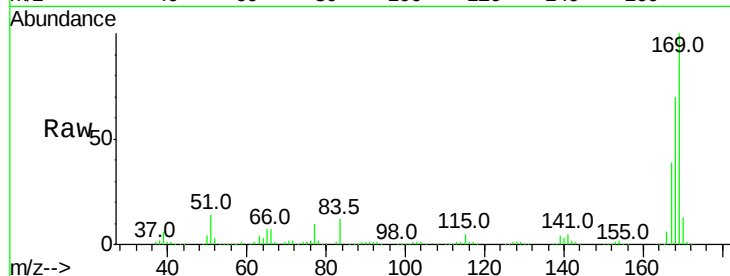




#65
 n-Nitrosodiphenylamine
 Concen: 35.370 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

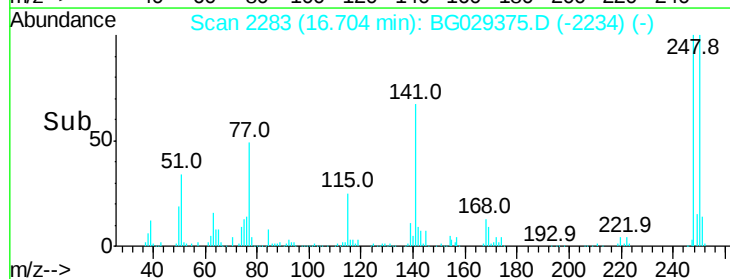
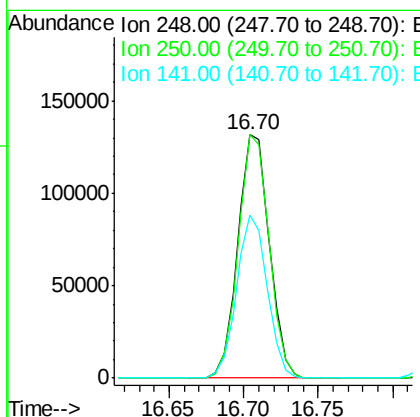
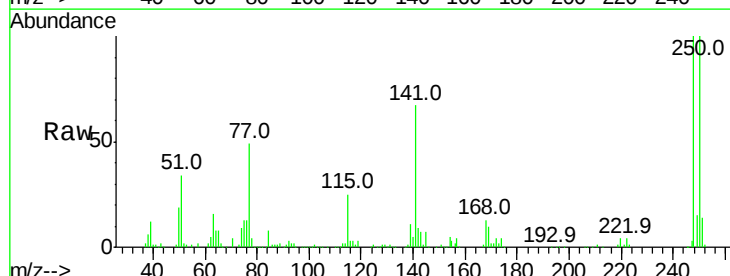
Instrument :
 BNA_G
 ClientSampleId :

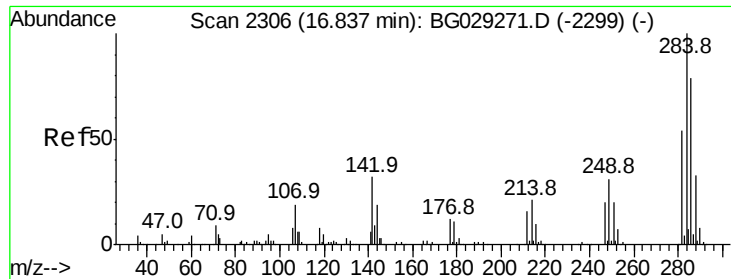
Tot Ion:169 Resp: 484140
 Ion Ratio Lower Upper
 169 100
 168 70.3 55.7 83.5
 167 38.7 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 36.719 ng
 RT: 16.70 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion:248 Resp: 192529
 Ion Ratio Lower Upper
 248 100
 250 100.1 77.1 115.7
 141 67.2 50.8 76.2





#67

Hexachlorobenzene

Concen: 34.210 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

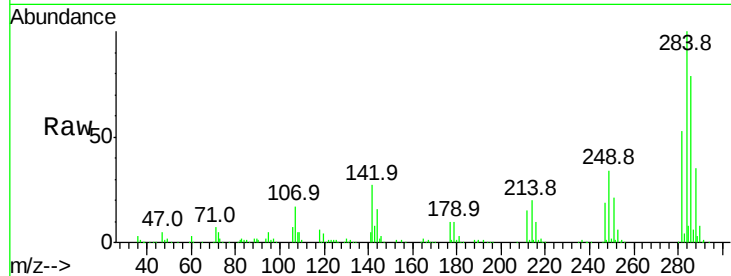
Tot Ion:284 Resp: 203177

Ion Ratio Lower Upper

284 100

142 27.4 26.8 40.2

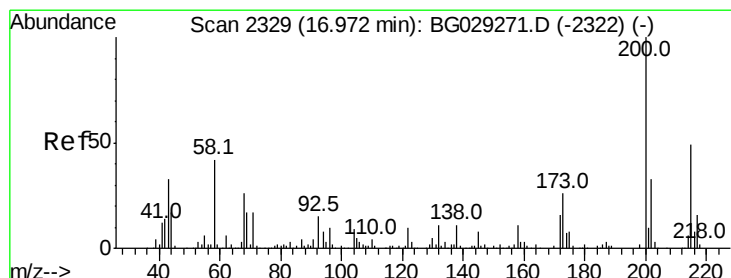
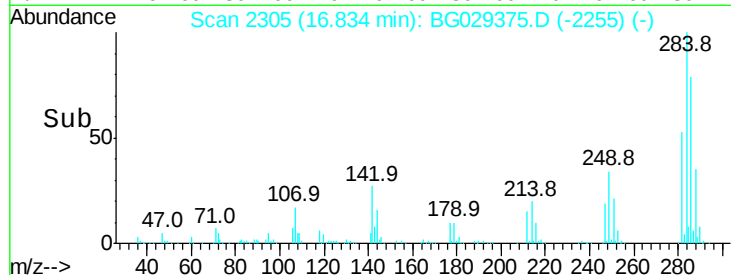
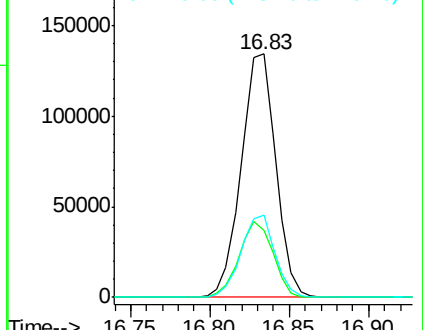
249 33.6 26.3 39.5



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: 41.599 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

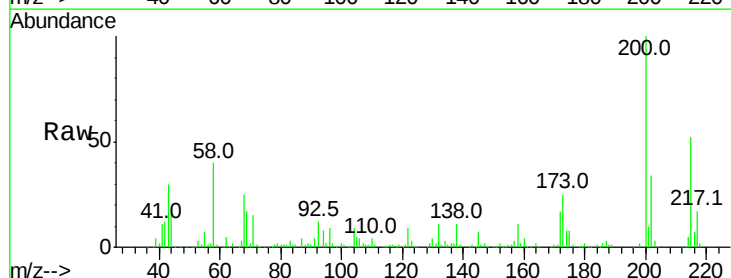
Tgt Ion:200 Resp: 203173

Ion Ratio Lower Upper

200 100

173 24.7 5.2 45.2

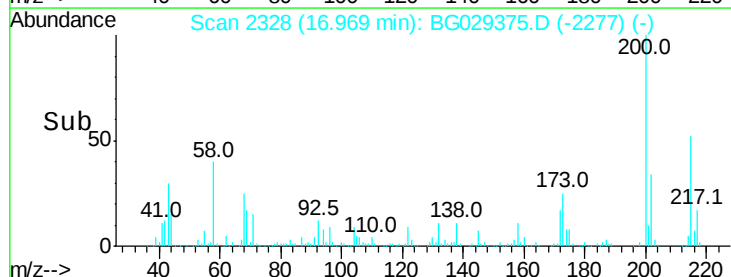
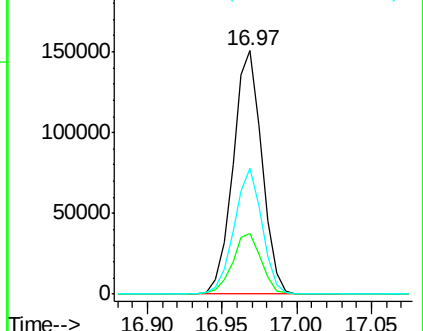
215 51.8 30.4 70.4



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

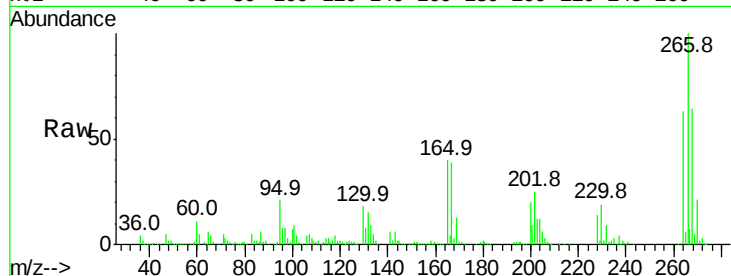




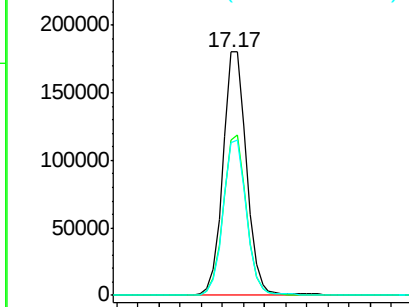
#69
 Pentachlorophenol
 Concen: 81.817 ng
 RT: 17.17 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampled :

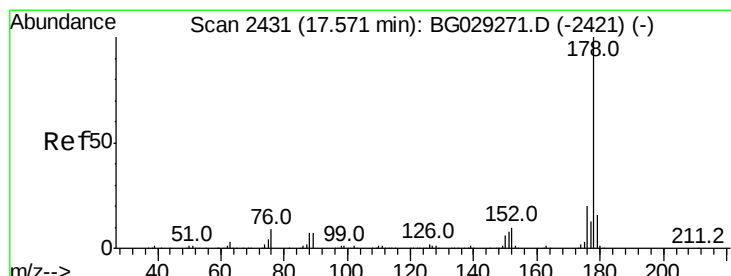
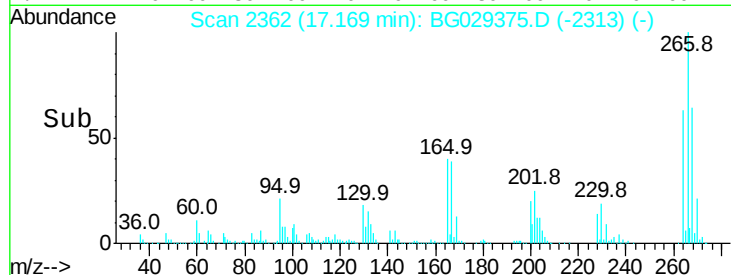
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	62.7	49.6	74.4



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

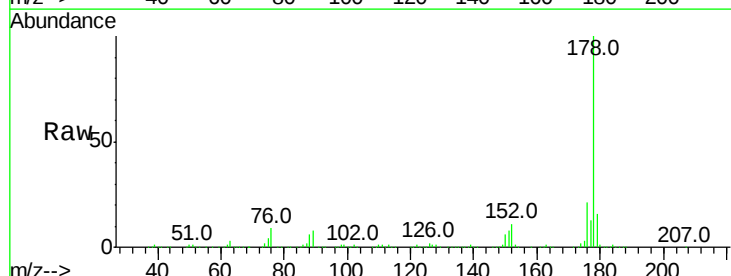


Time-->

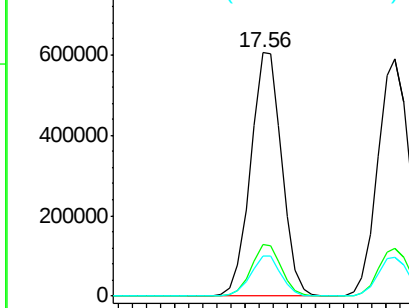


#70
 Phenanthrene
 Concen: 39.739 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

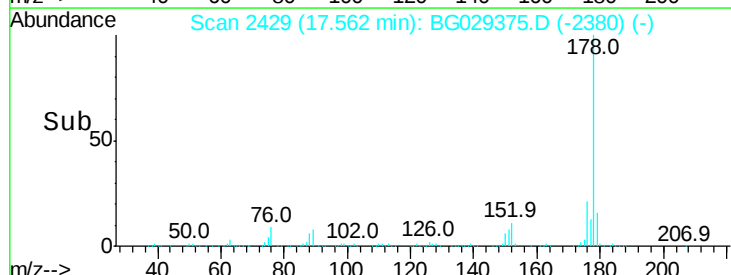
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	16.4	12.5	18.7

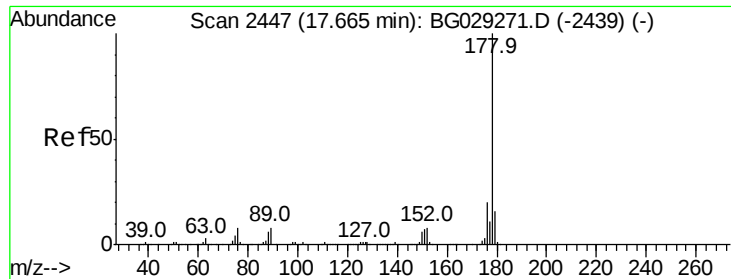


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->

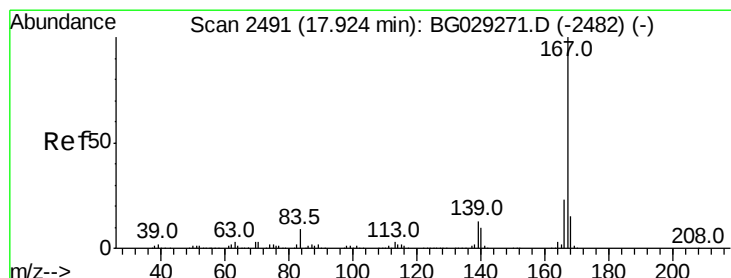
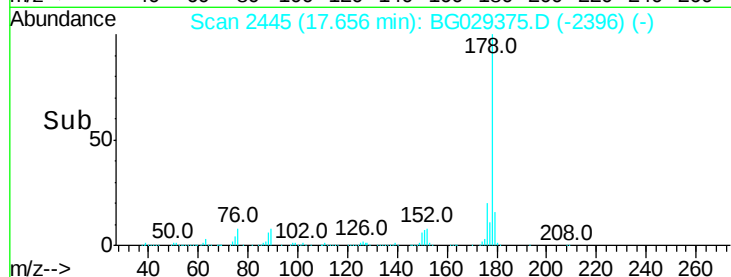
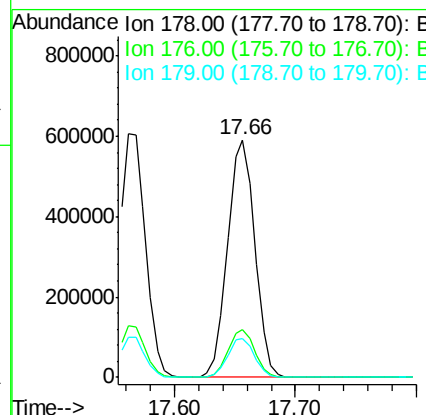
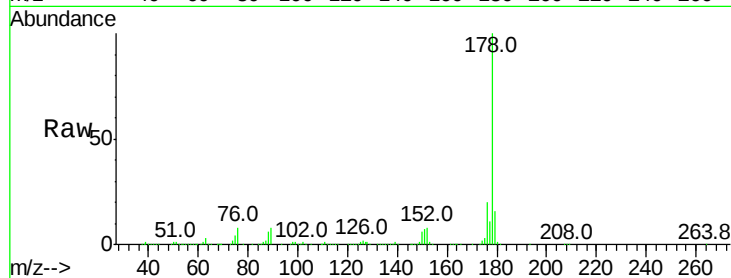




#71
 Anthracene
 Concen: 38.916 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

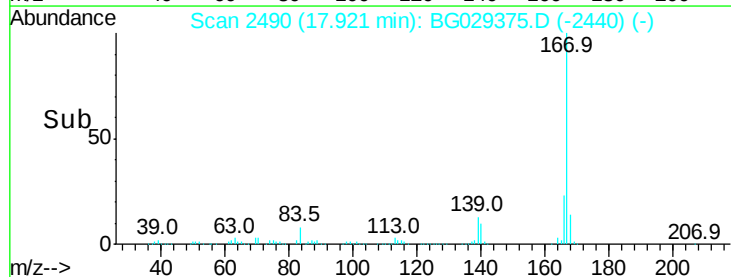
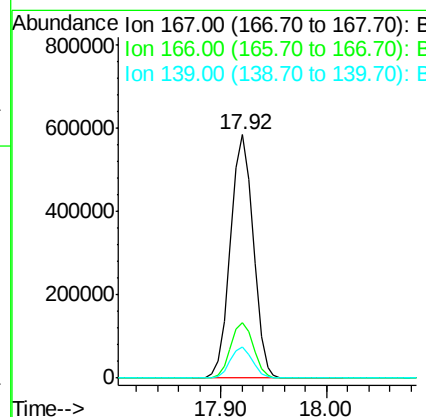
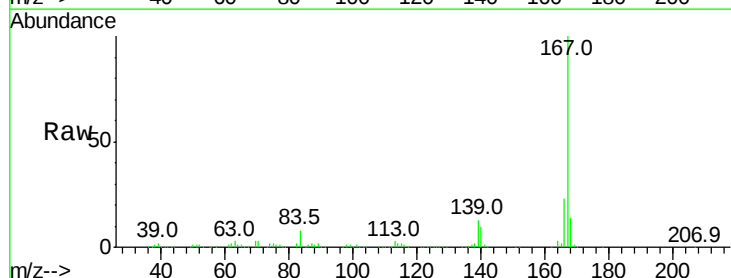
Instrument :
 BNA_G
 ClientSampled :

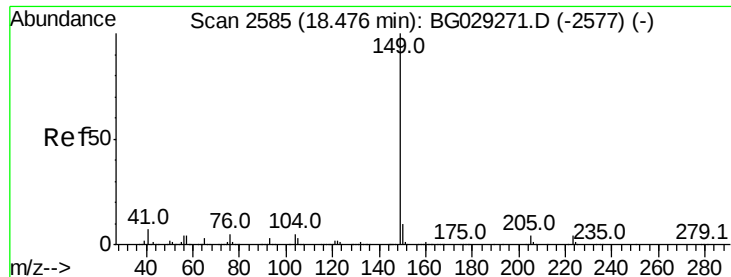
Tot Ion:178 Resp: 922425
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.3 12.5 18.7



#72
 Carbazole
 Concen: 38.334 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion:167 Resp: 872839
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 12.7 9.4 14.2

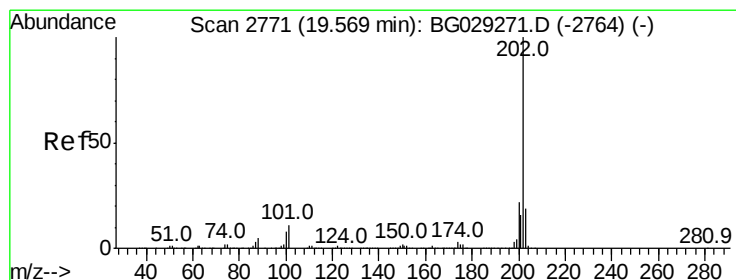
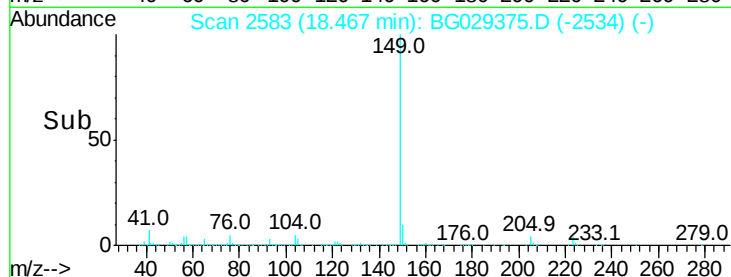
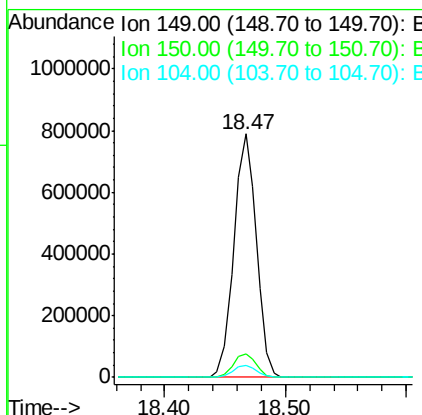
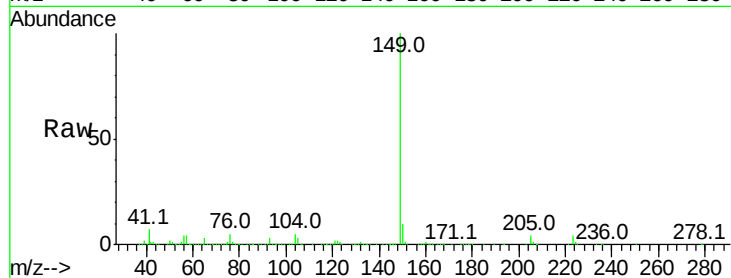




#73
Di-n-butylphthalate
Concen: 39.104 ng
RT: 18.47 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

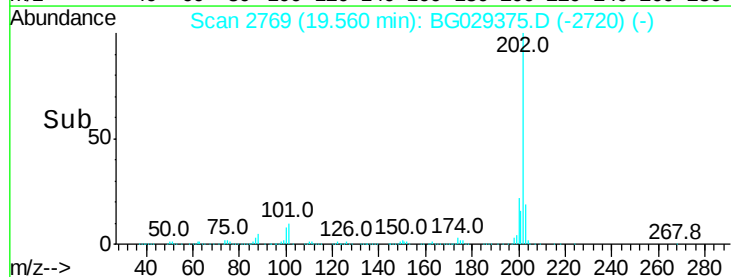
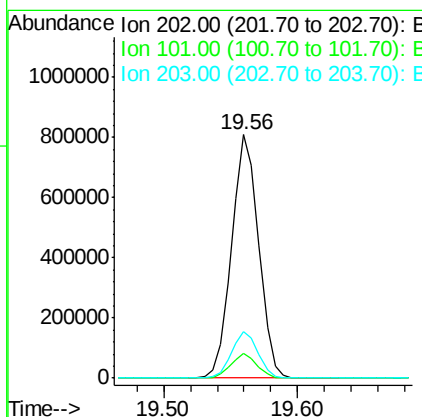
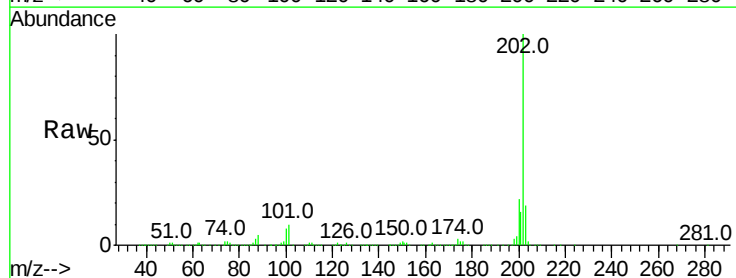
Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 1024048
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 41.435 ng
RT: 19.56 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG029375.D
Acq: 20 Oct 2017 16:47

Tgt Ion:202 Resp: 1144017
Ion Ratio Lower Upper
202 100
101 10.0 0.0 28.9
203 18.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

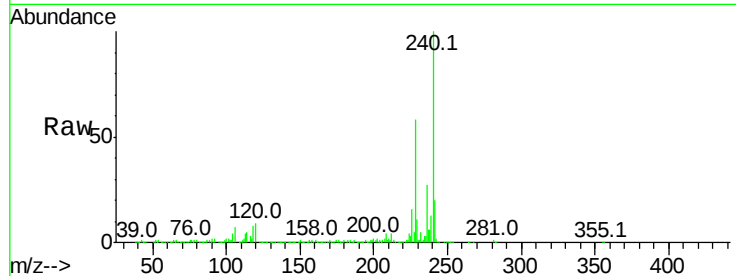
Tot Ion:240 Resp: 498681

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

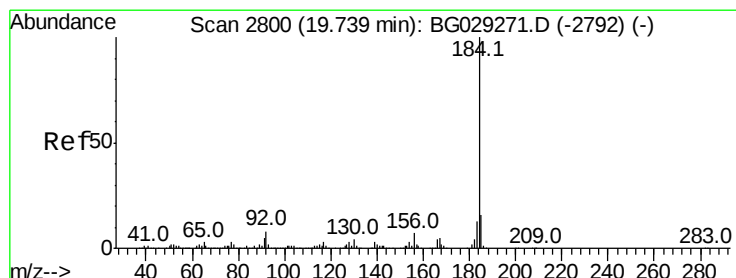
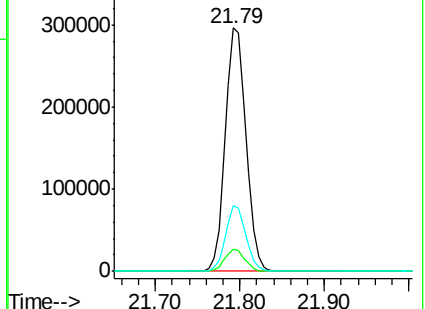
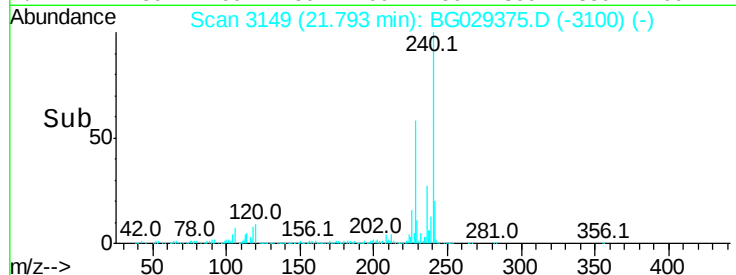
236 26.8 20.9 31.3



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: 33.606 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

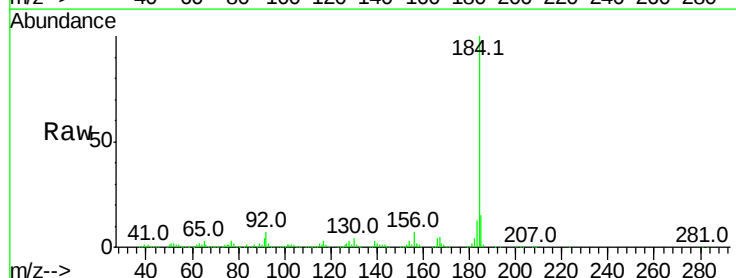
Tgt Ion:184 Resp: 506010

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

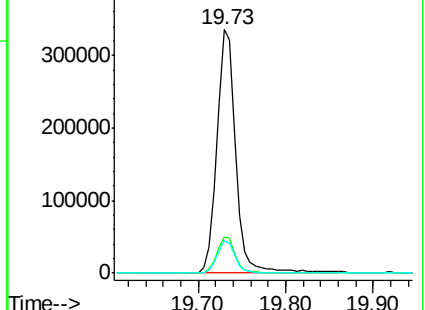
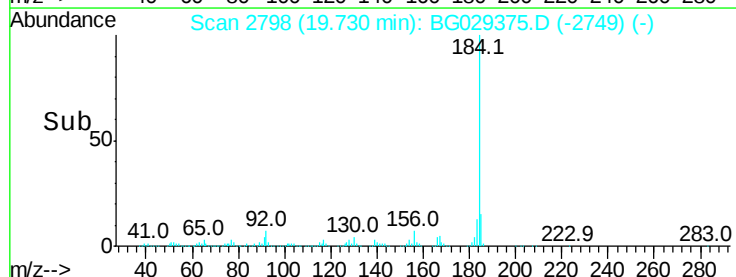
183 13.3 10.6 16.0

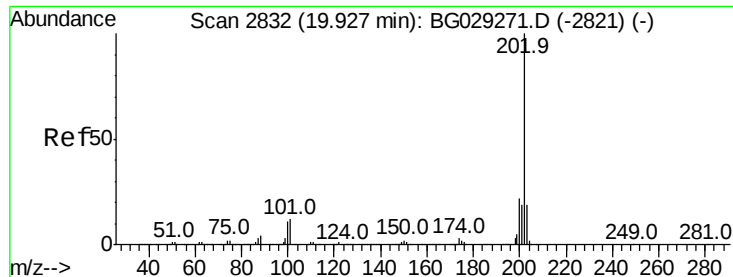


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.302 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

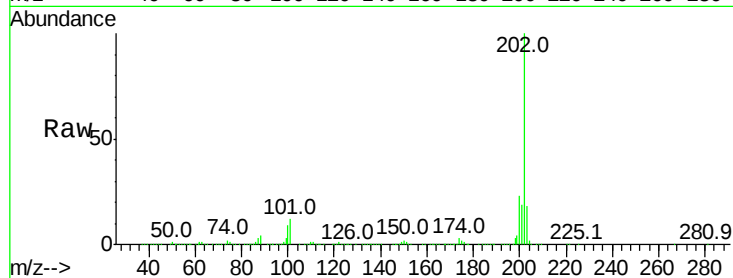
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1158671

Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.5	13.9	20.9

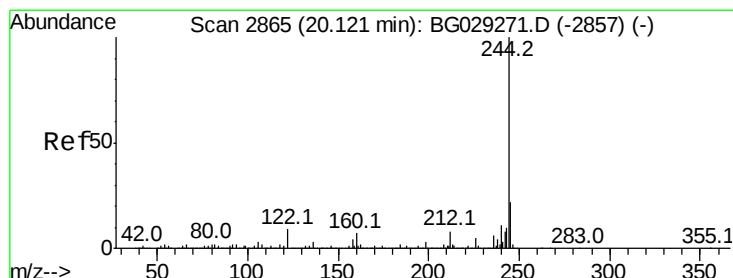
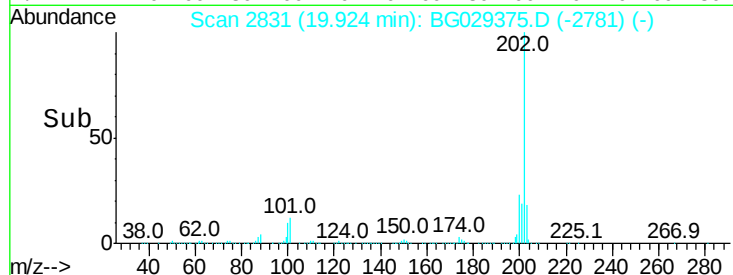
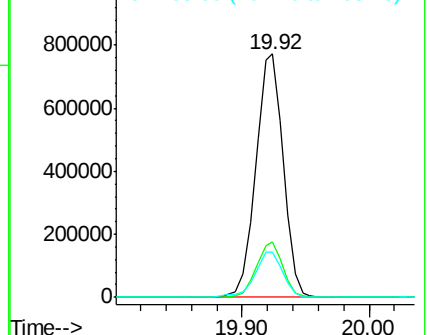


Abundance

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: 71.550 ng

RT: 20.11 min Scan# 2863

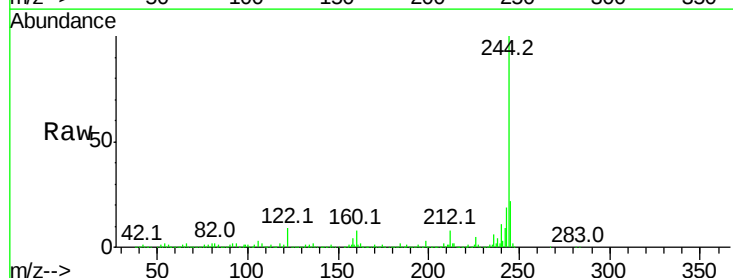
Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Tgt Ion:244 Resp: 1568434

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.2	7.0	10.4

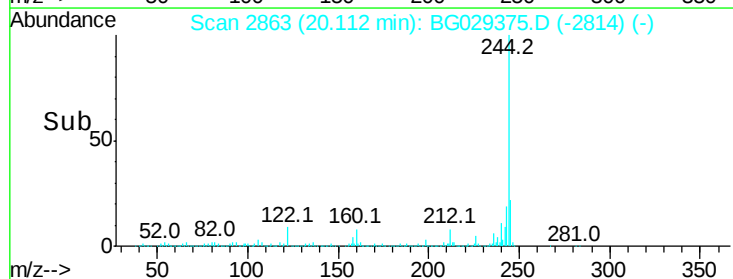
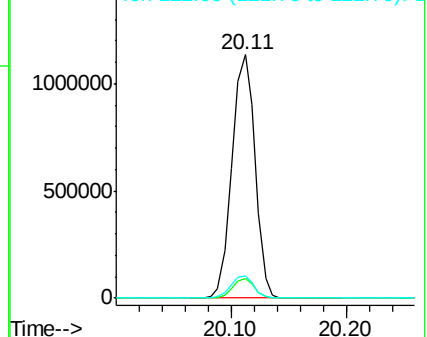


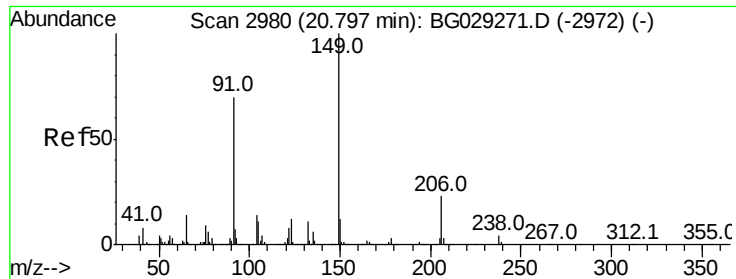
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

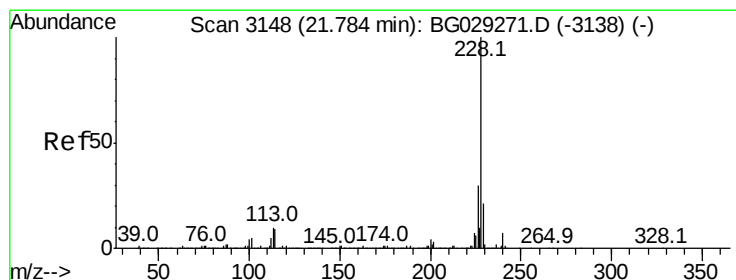
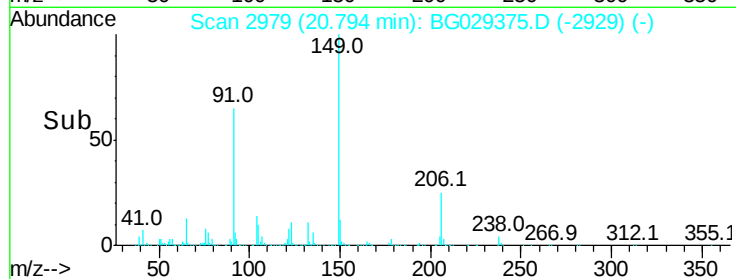
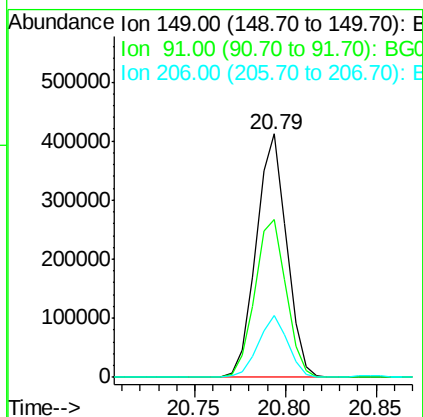
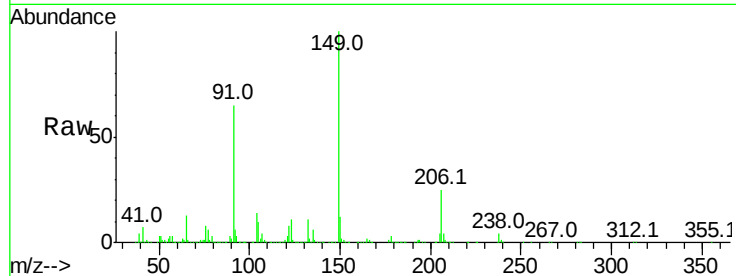




#79
 Butylbenzylphthalate
 Concen: 37.236 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

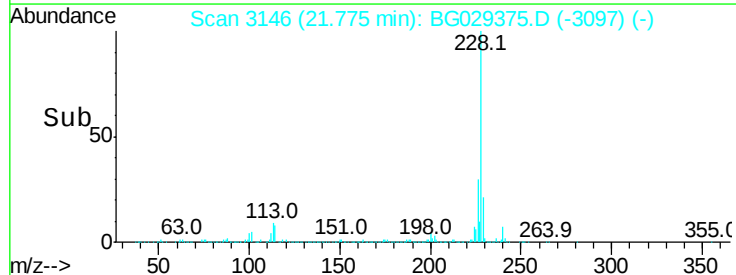
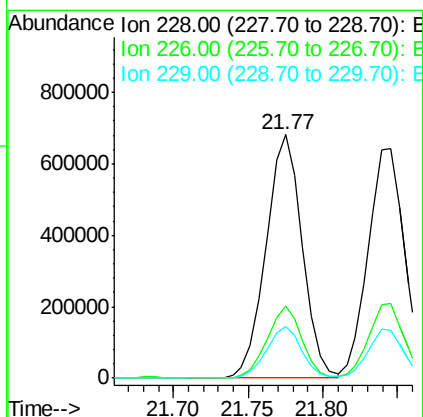
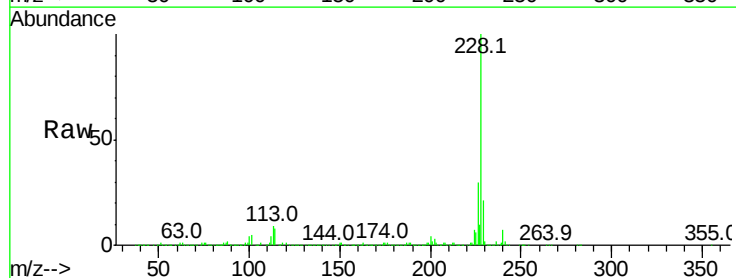
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.0	62.2	93.2
206	25.2	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 39.117 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.4	16.2	24.2

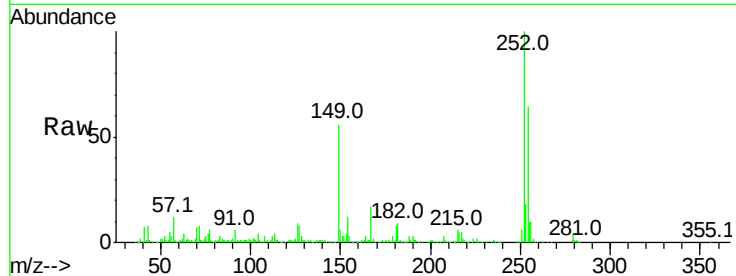




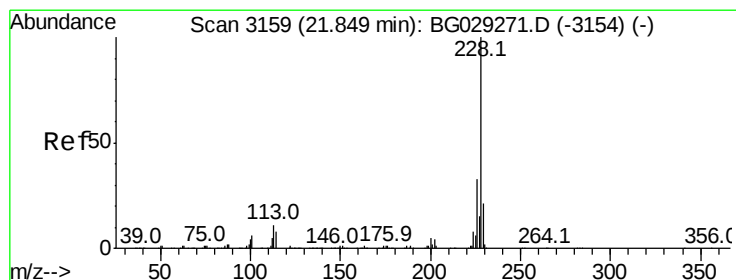
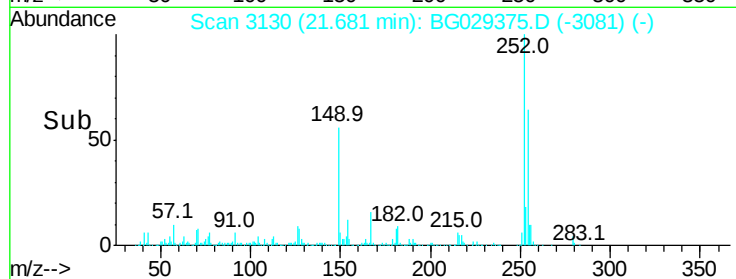
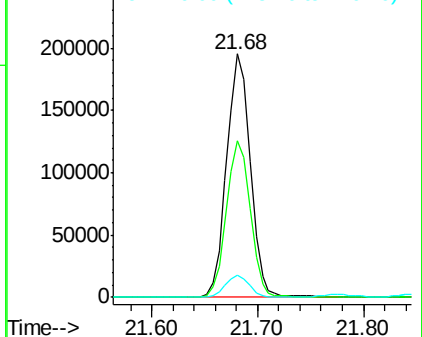
#81
 3,3'-Dichlorobenzidine
 Concen: 25.115 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.8	76.2
126	8.9	7.4	11.2

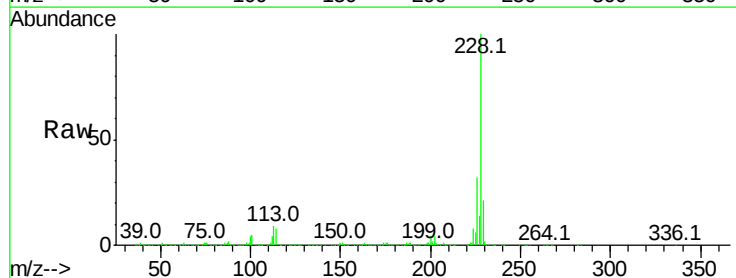


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

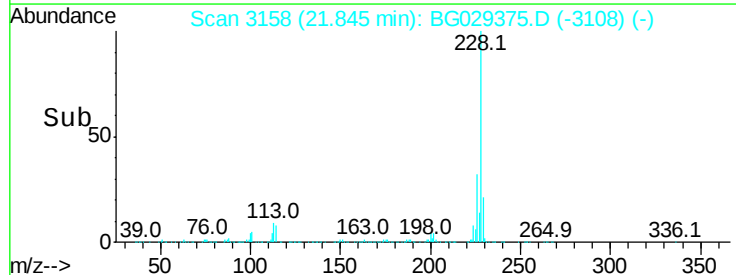
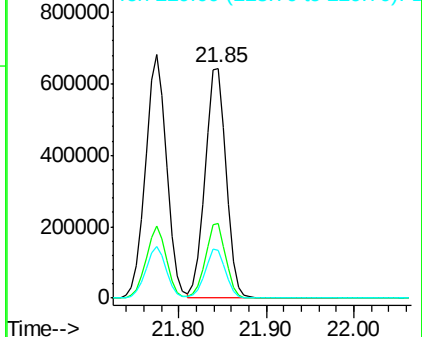


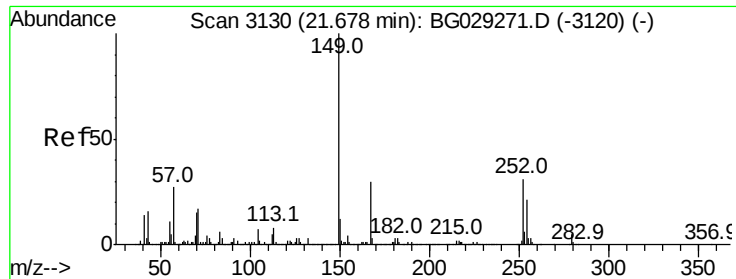
#82
 Chrysene
 Concen: 38.375 ng
 RT: 21.85 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BG029375.D
 Acq: 20 Oct 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.7	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: 36.418 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

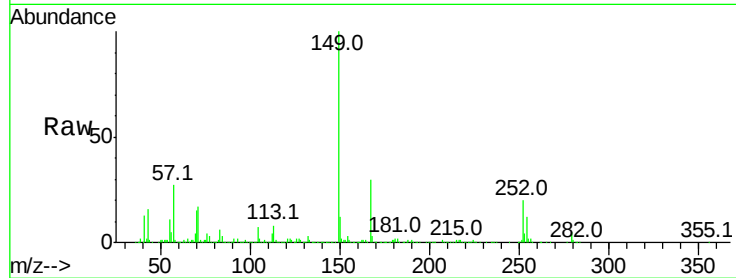
Tot Ion:149 Resp: 673599

Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.4	4.0	6.0

149 100

167 29.9 24.3 36.5

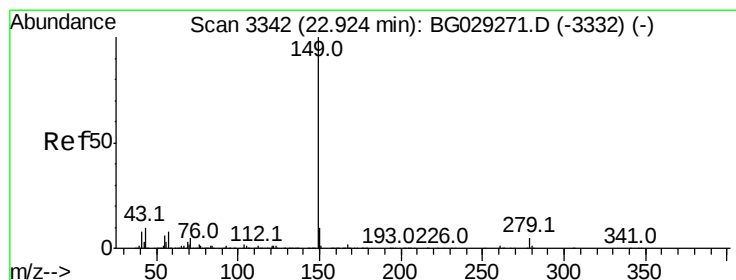
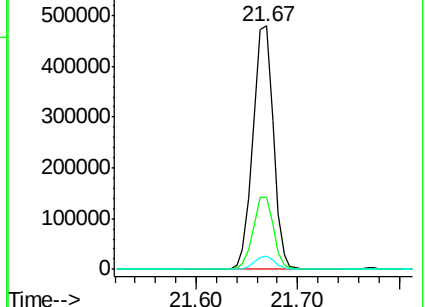
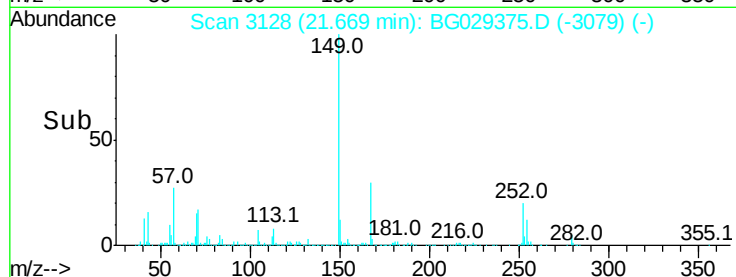
279 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.351 ng

RT: 22.91 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

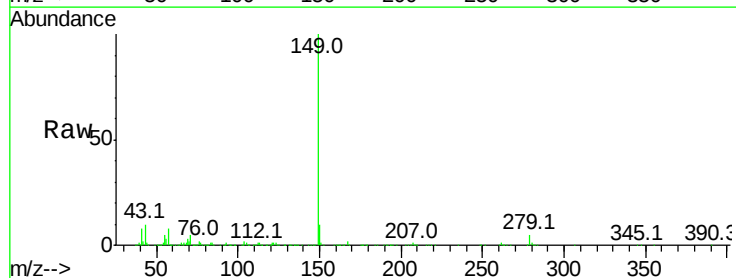
Tgt Ion:149 Resp: 1171818

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.0	8.9	13.3

149 100

167 1.7 1.4 2.0

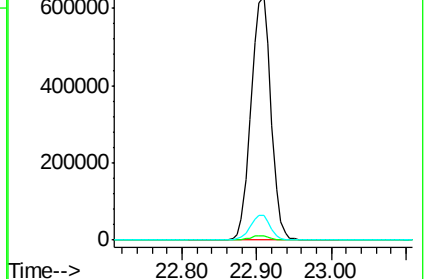
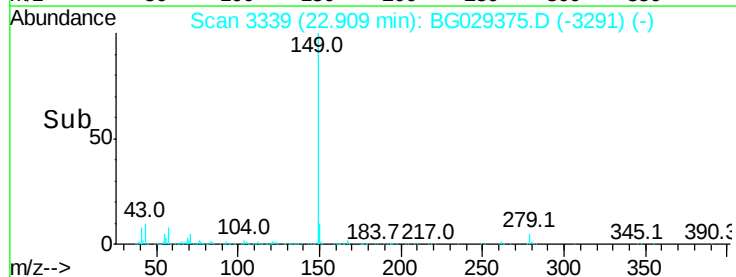
43 10.0 8.9 13.3

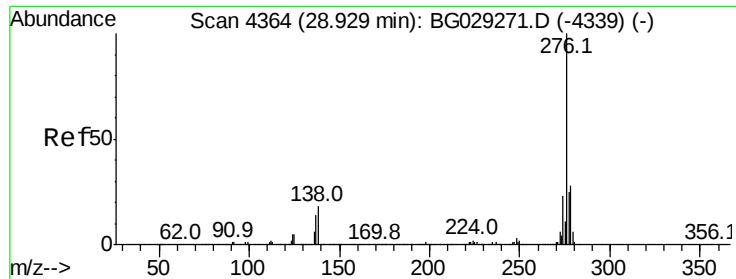


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.154 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.04 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

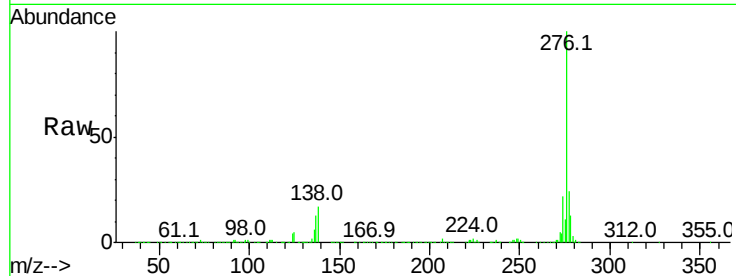
Tot Ion:276 Resp: 1385142

Ion Ratio Lower Upper

276 100

138 20.9 16.0 24.0

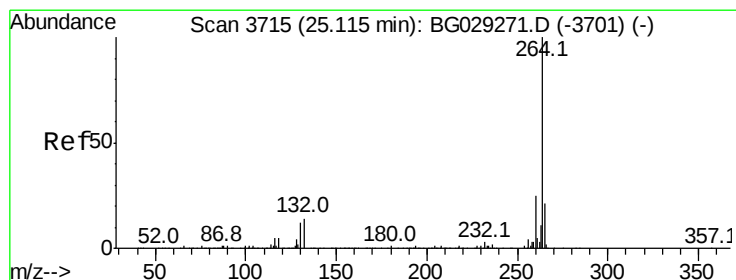
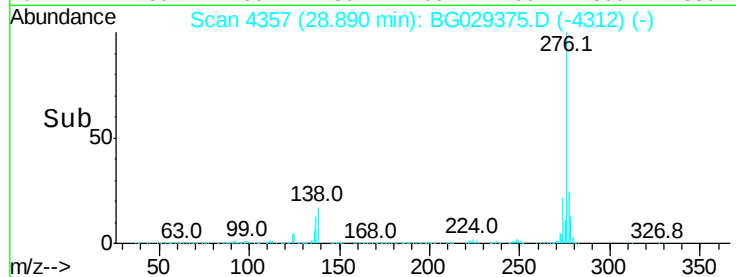
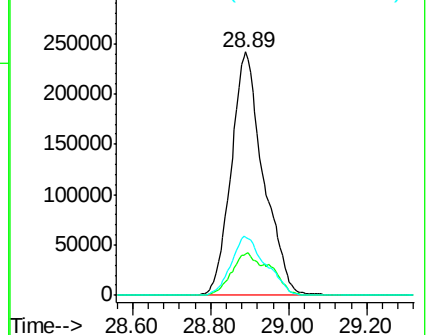
277 26.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

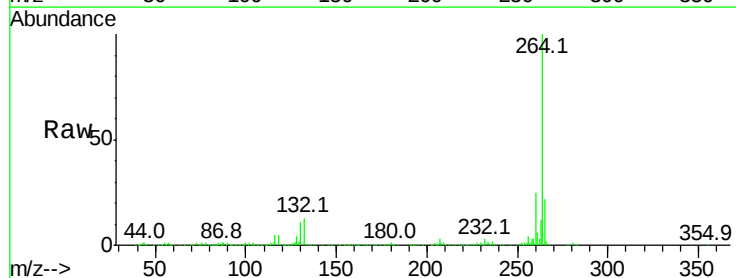
Tgt Ion:264 Resp: 527432

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

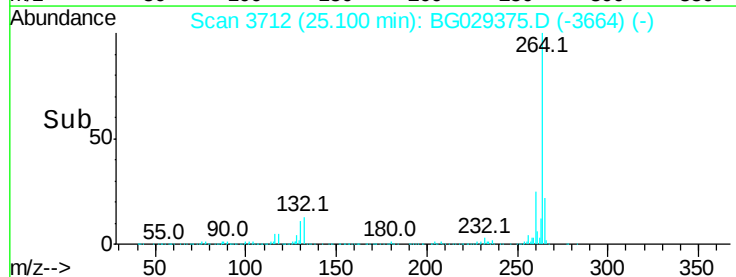
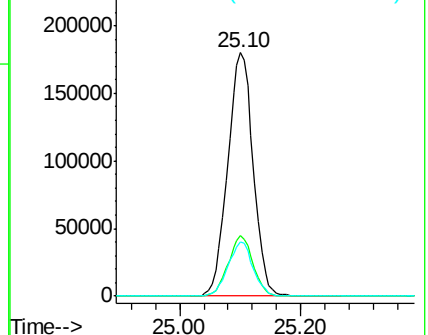
265 22.0 17.7 26.5

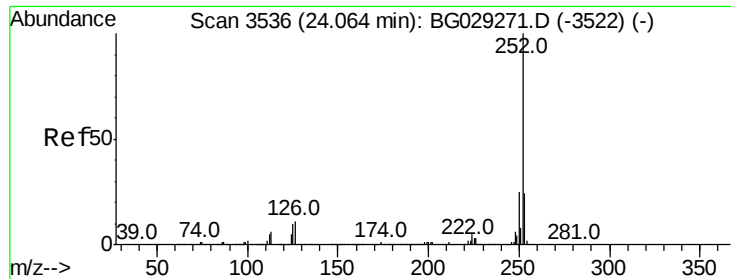


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.097 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

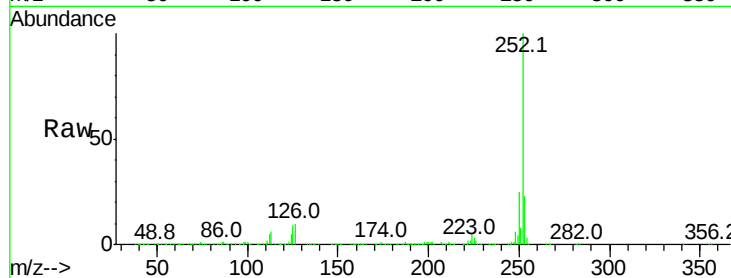
Tot Ion:252 Resp: 1180555

Ion Ratio Lower Upper

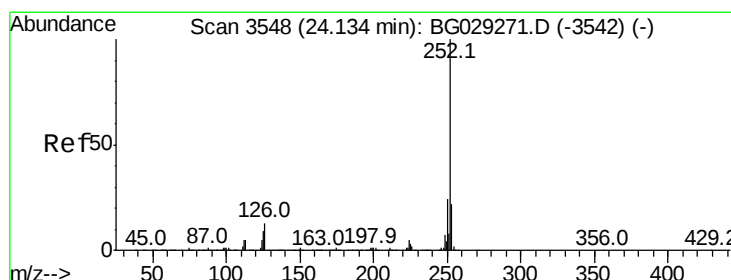
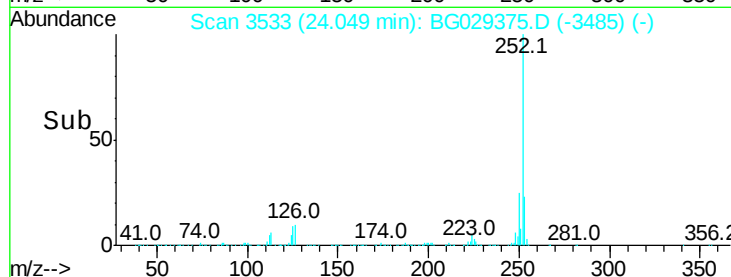
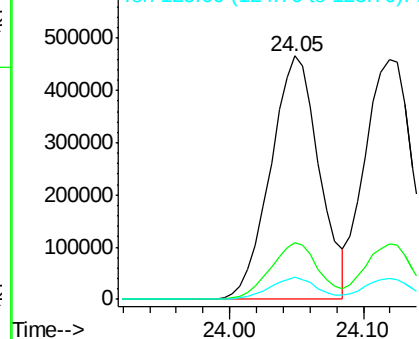
252 100

253 23.1 18.2 27.4

125 9.0 7.2 10.8



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



#88

Benzo(k)fluoranthene

Concen: 37.904 ng

RT: 24.12 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

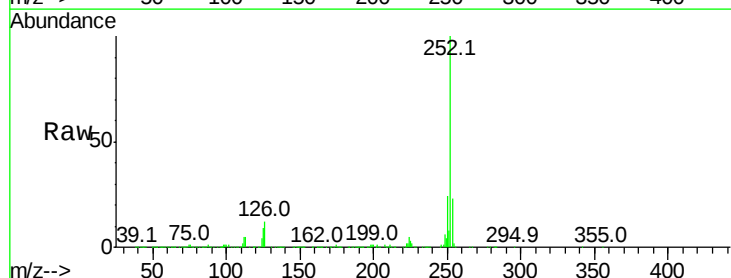
Tgt Ion:252 Resp: 1140272

Ion Ratio Lower Upper

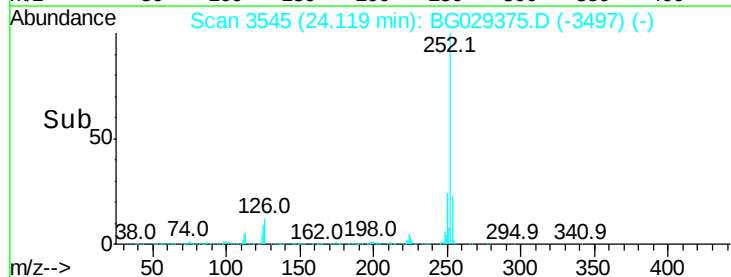
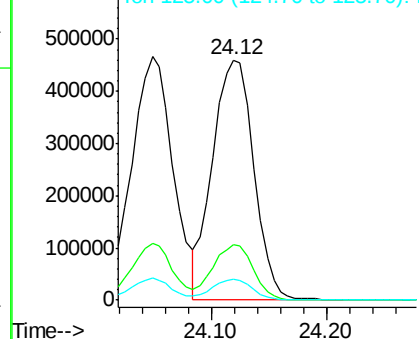
252 100

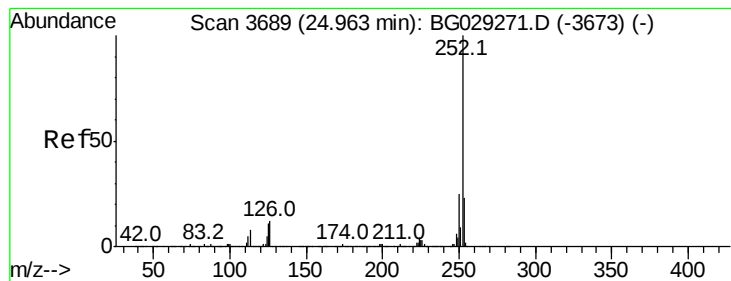
253 23.0 17.4 26.2

125 9.0 6.6 9.8



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





#89

Benzo(a)pyrene

Concen: 39.574 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampled :

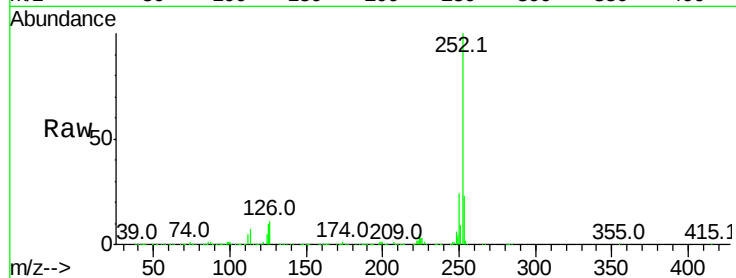
Tot Ion:252 Resp: 1148801

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	9.7	7.3	10.9

252 100

253 23.0 18.3 27.5

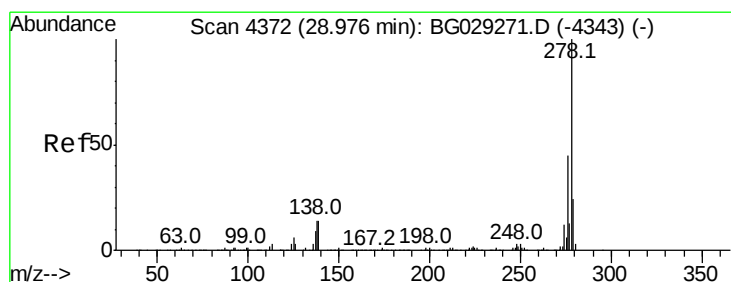
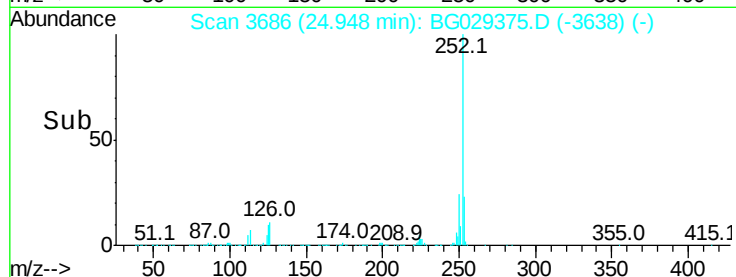
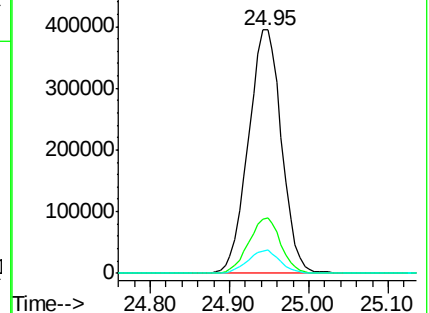
125 9.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.666 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.02 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

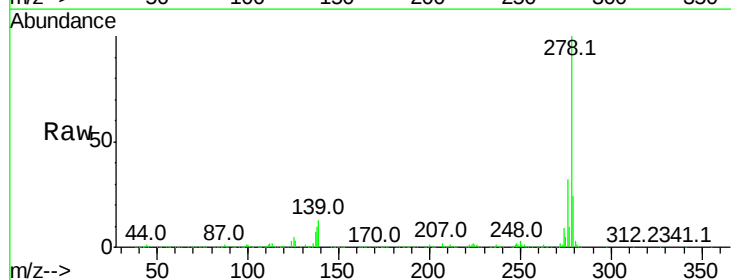
Tgt Ion:278 Resp: 1165742

Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.6
279	24.2	18.4	27.6

278 100

139 13.4 9.8 14.6

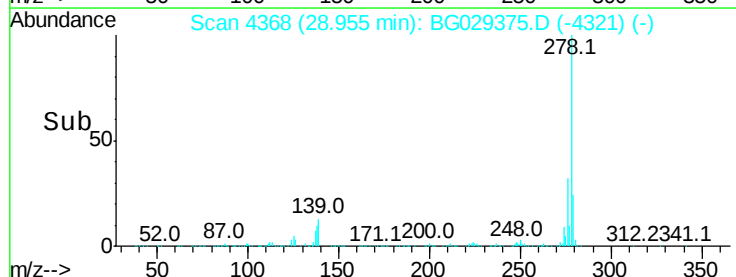
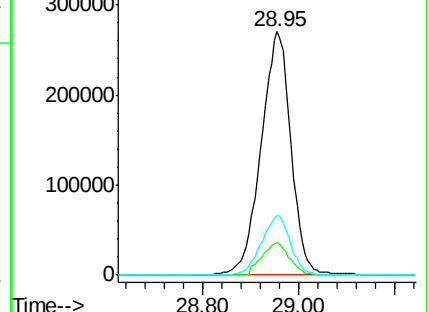
279 24.2 18.4 27.6

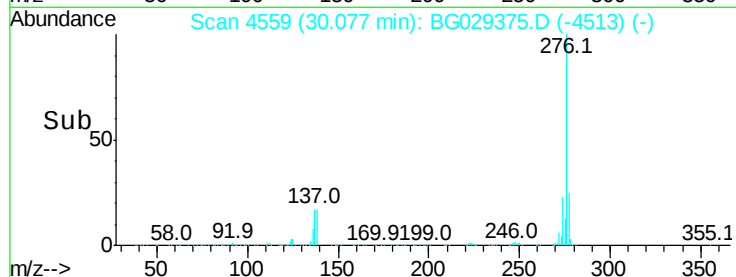
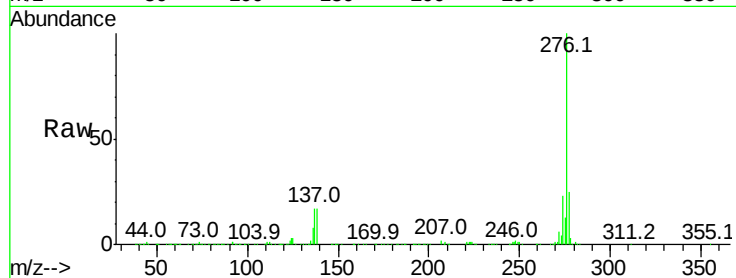
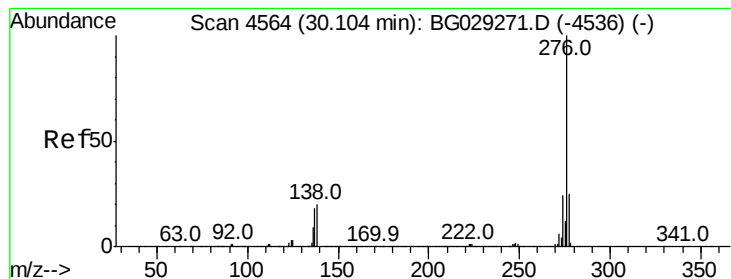


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.066 ng

RT: 30.08 min Scan# 4559

Delta R.T. -0.03 min

Lab File: BG029375.D

Acq: 20 Oct 2017 16:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1148663

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 17.1 13.9 20.9

