

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029376.D
 Acq On : 20 Oct 2017 17:27
 Operator : SJ/JU
 Sample : PB103430BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

Quant Time: Oct 21 22:31:13 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	52033	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	238840	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	164415	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	433139	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	476786	20.00	ng	0.00
86) Perylene-d12	25.10	264	496909	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	373299	119.85	ng	0.00
7) Phenol-d6	7.32	99	505013	115.51	ng	0.00
23) Nitrobenzene-d5	9.33	82	281222	74.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	284526	134.04	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	795686	70.98	ng	0.00
78) Terphenyl-d14	20.11	244	1452670	69.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	38397	30.383	ng	88
3) Pyridine	3.98	79	112073	30.453	ng	91
4) n-Nitrosodimethylamine	3.89	42	57192	33.246	ng	# 94
6) Aniline	7.48	93	101901	18.822	ng	93
8) 2-Chlorophenol	7.73	128	119596	33.498	ng	91
9) Benzaldehyde	7.29	77	32600	14.825	ng	98
10) Phenol	7.34	94	161577	34.280	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	110316	32.124	ng	92
12) 1,3-Dichlorobenzene	8.05	146	123339	30.771	ng	97
13) 1,4-Dichlorobenzene	8.20	146	125899	30.764	ng	96
14) 1,2-Dichlorobenzene	8.52	146	118991	30.146	ng	97
15) Benzyl Alcohol	8.39	79	111043	36.041	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	182718	31.330	ng	97
17) 2-Methylphenol	8.61	107	109479	34.965	ng	97
18) Hexachloroethane	9.26	117	43327	31.068	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	93349	31.402	ng	# 94
20) 3+4-Methylphenols	8.93	107	153447	34.781	ng	96
22) Acetophenone	8.99	105	175456	30.483	ng	# 95
24) Nitrobenzene	9.37	77	133592	31.613	ng	92
25) Isophorone	9.89	82	259283	33.046	ng	96
26) 2-Nitrophenol	10.09	139	67856	33.596	ng	93
27) 2,4-Dimethylphenol	10.14	122	129307	35.385	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	159432	33.137	ng	95
29) 2,4-Dichlorophenol	10.63	162	140229	35.986	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	131769	31.300	ng	99
31) Naphthalene	11.03	128	370928	31.162	ng	98
32) Benzoic acid	10.25	122	97630	31.908	ng	# 86
33) 4-Chloroaniline	11.13	127	91607	18.295	ng	94
34) Hexachlorobutadiene	11.32	225	82765	31.620	ng	96
35) Caprolactam	11.90	113	53318	41.170	ng	88
36) 4-Chloro-3-methylphenol	12.24	107	152434	35.567	ng	94
37) 2-Methylnaphthalene	12.62	142	295065	34.012	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	162522	27.074	ng	98
40) Hexachlorocyclopentadiene	12.97	237	203809	89.065	ng	92

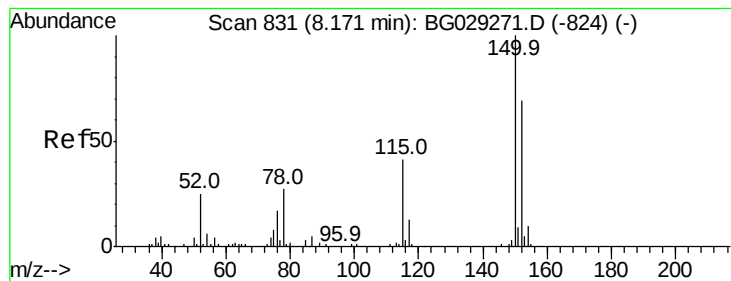
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	124782	33.114	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	137988	35.656	ng	96
45) 1,1'-Biphenyl	13.62	154	407517	28.836	ng	98
46) 2-Chloronaphthalene	13.66	162	312016	30.269	ng	97
47) 2-Nitroaniline	13.86	65	103758	36.646	ng	# 86
48) Acenaphthylene	14.51	152	514163	31.871	ng	99
49) Dimethylphthalate	14.23	163	444555	34.655	ng	99
50) 2,6-Dinitrotoluene	14.35	165	99066	36.839	ng	# 84
51) Acenaphthene	14.85	154	321752	30.653	ng	99
52) 3-Nitroaniline	14.68	138	70643	24.345	ng	# 78
53) 2,4-Dinitrophenol	14.89	184	81816	57.301	ng	# 57
54) Dibenzofuran	15.18	168	517642	34.545	ng	99
55) 4-Nitrophenol	14.99	139	186526	77.969	ng	# 78
56) 2,4-Dinitrotoluene	15.13	165	142794	39.226	ng	# 80
57) Fluorene	15.83	166	422135	34.102	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	137825	42.687	ng	96
59) Diethylphthalate	15.59	149	455594	35.637	ng	98
60) 4-Chlorophenyl-phenylether	15.81	204	232663	35.253	ng	95
61) 4-Nitroaniline	15.84	138	113701	38.159	ng	83
62) Azobenzene	16.10	77	399060	37.016	ng	98
64) 4,6-Dinitro-2-methylphenol	15.90	198	72563	31.391	ng	89
65) n-Nitrosodiphenylamine	16.03	169	396296	30.543	ng	98
66) 4-Bromophenyl-phenylether	16.71	248	159335	32.058	ng	99
67) Hexachlorobenzene	16.83	284	166423	29.561	ng	95
68) Atrazine	16.97	200	165321	35.709	ng	99
69) Pentachlorophenol	17.17	266	221745	68.565	ng	98
70) Phenanthrene	17.57	178	736535	32.916	ng	99
71) Anthracene	17.65	178	751247	33.436	ng	99
72) Carbazole	17.92	167	710998	32.942	ng	99
73) Di-n-butylphthalate	18.46	149	828191	33.363	ng	100
74) Fluoranthene	19.56	202	931895	35.607	ng	99
76) Benzidine	19.73	184	321786	22.353	ng	99
77) Pyrene	19.92	202	954741	33.010	ng	98
79) Butylbenzylphthalate	20.79	149	393668	31.948	ng	91
80) Benzo(a)anthracene	21.77	228	937553	33.492	ng	100
81) 3,3'-Dichlorobenzidine	21.68	252	245621	21.258	ng	99
82) Chrysene	21.84	228	885004	33.012	ng	98
83) Bis(2-ethylhexyl)phthalate	21.67	149	544929	30.814	ng	100
84) Di-n-octyl phthalate	22.91	149	942990	30.596	ng	97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1122819	34.044	ng	98
87) Benzo(b)fluoranthene	24.05	252	943353	33.160	ng	100
88) Benzo(k)fluoranthene	24.12	252	942712	33.262	ng	99
89) Benzo(a)pyrene	24.95	252	921248	33.685	ng	99
90) Dibenzo(a,h)anthracene	28.95	278	927797	33.509	ng	98
91) Benzo(g,h,i)perylene	30.07	276	928773	36.102	ng	99

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

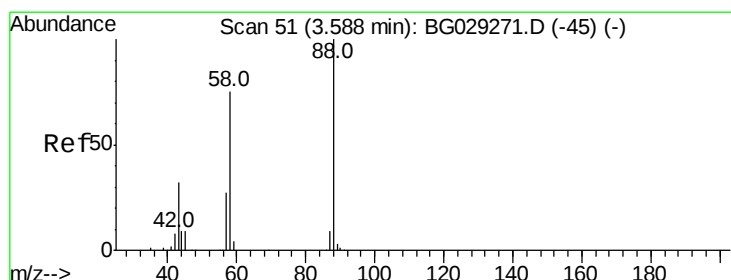
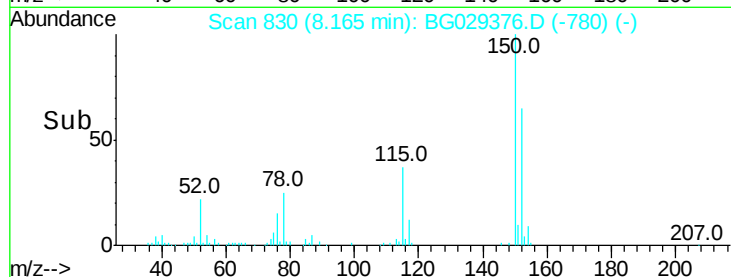
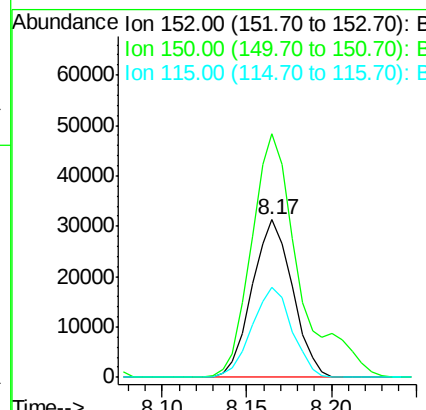
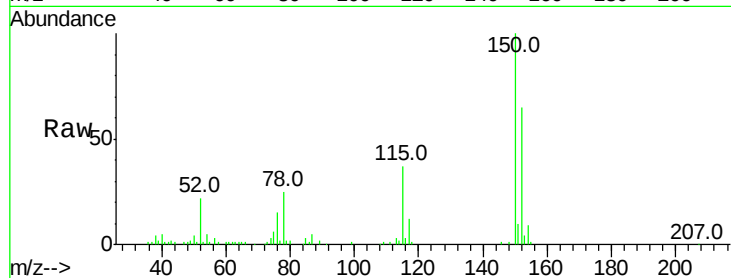


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

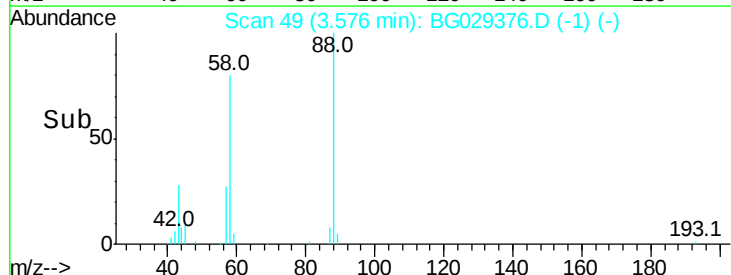
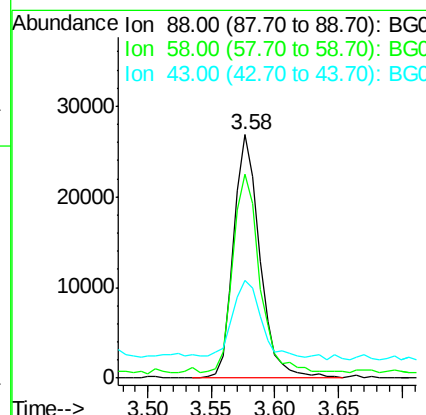
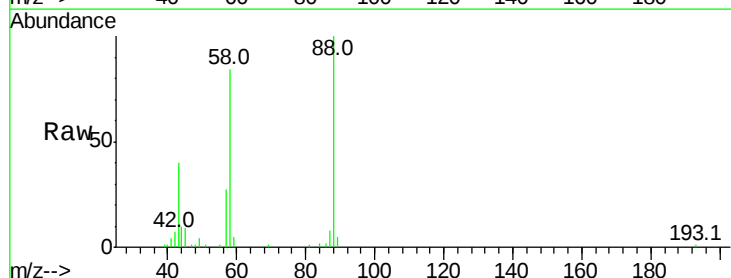
Tot Ion:152 Resp: 52033
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.6 189.8
 115 56.7 53.0 79.4

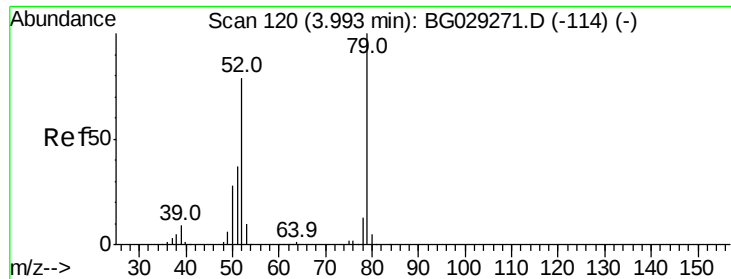


#2

1,4-Dioxane
 Concen: 30.383 ng
 RT: 3.58 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion: 88 Resp: 38397
 Ion Ratio Lower Upper
 88 100
 58 83.5 79.6 119.4
 43 33.0 27.4 41.0





#3

Pvridine

Concen: 30.453 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

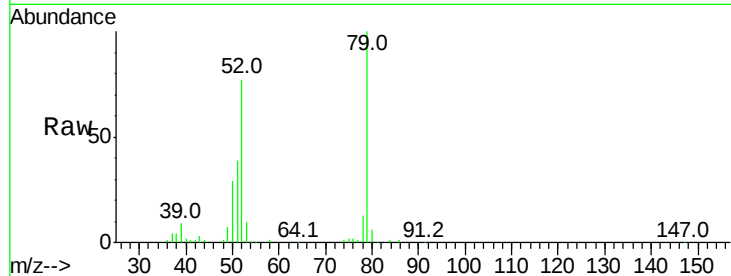
Tot Ion: 79 Resp: 112073

Ion Ratio Lower Upper

79 100

52 77.0 69.9 104.9

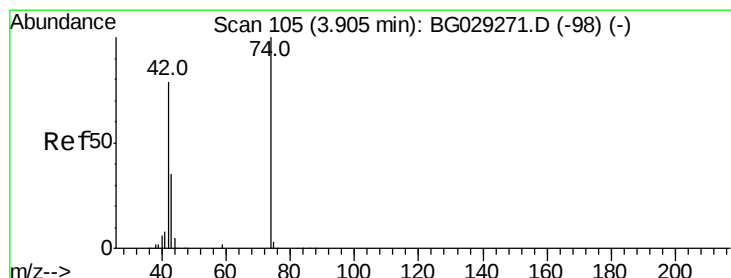
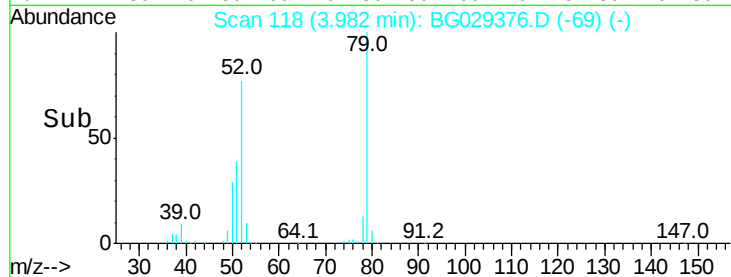
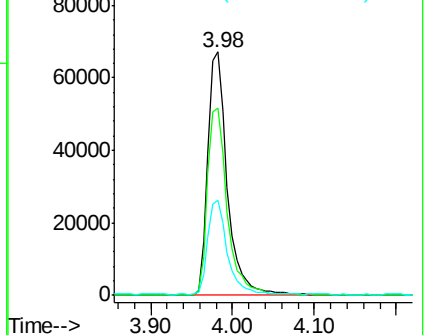
51 39.1 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 33.246 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

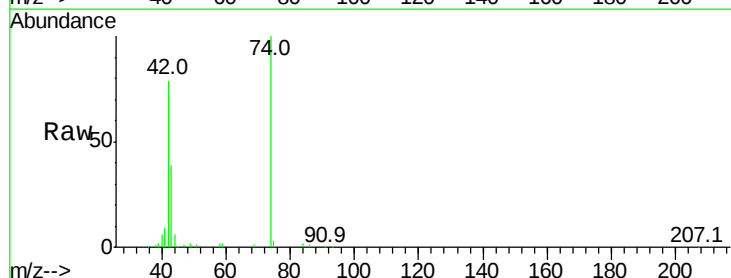
Tgt Ion: 42 Resp: 57192

Ion Ratio Lower Upper

42 100

74 127.0 102.5 153.7

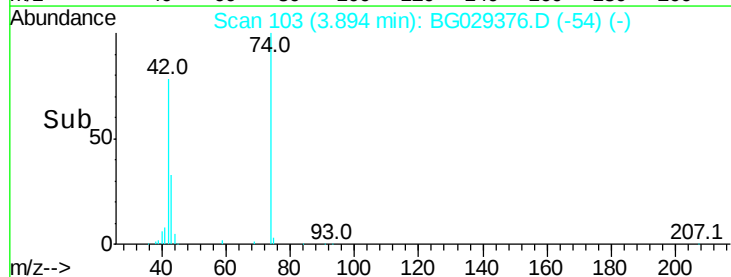
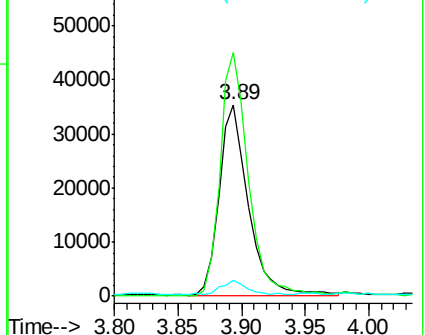
44 8.0 18.9 28.3#

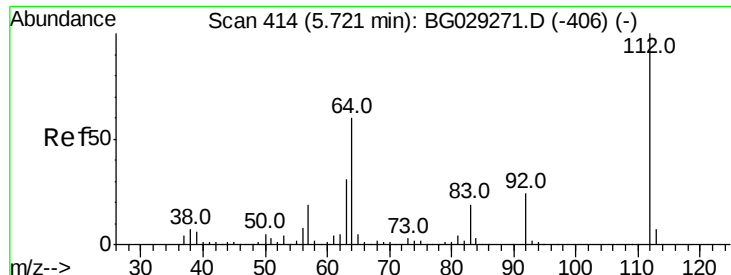


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 119.850 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

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ClientSampleId :

PB103430BS

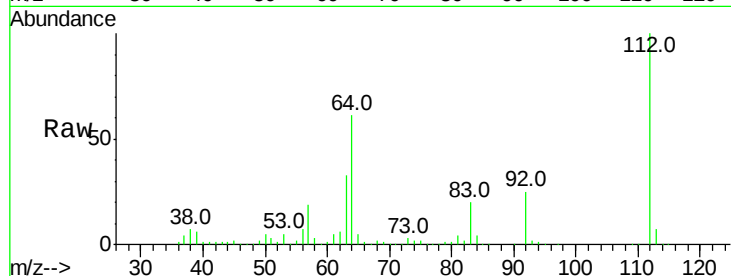
Tot Ion:112 Resp: 373299

Ion Ratio Lower Upper

112 100

64 61.1 56.3 84.5

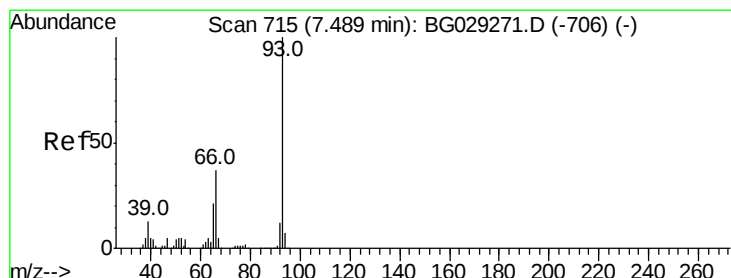
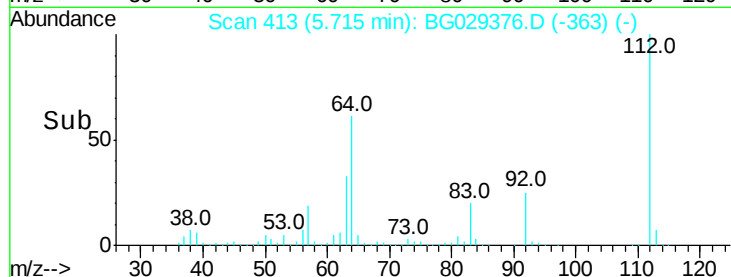
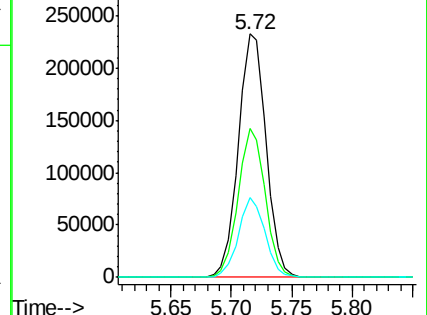
63 32.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.822 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

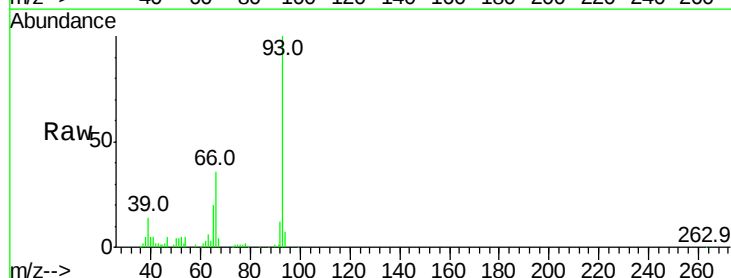
Tgt Ion: 93 Resp: 101901

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

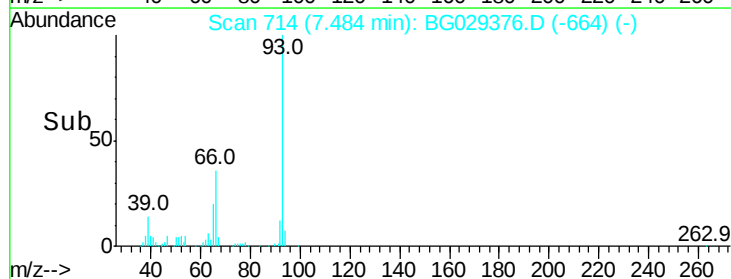
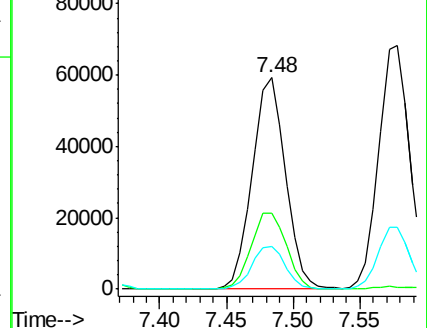
65 20.5 16.1 24.1

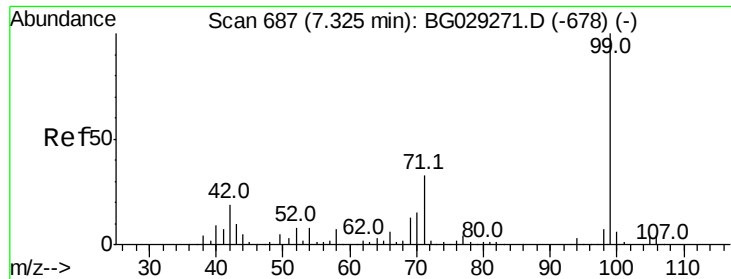


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.511 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

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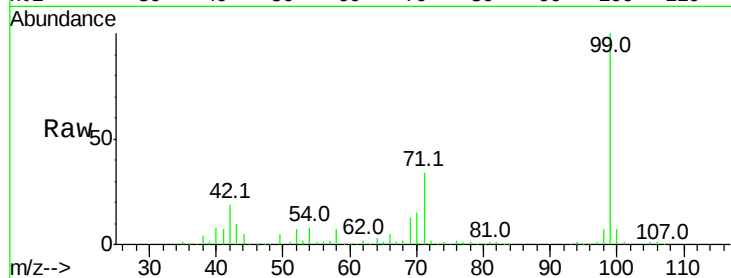
Tot Ion: 99 Resp: 505013

Ion Ratio Lower Upper

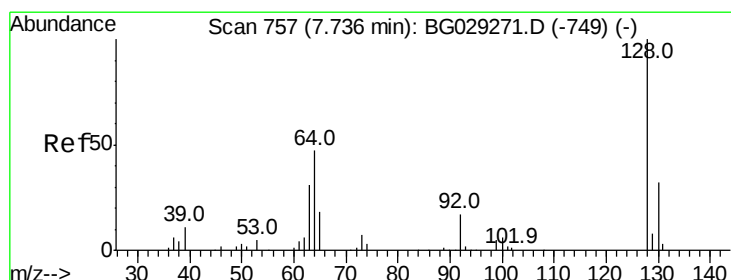
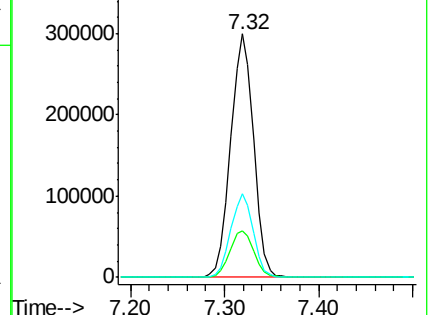
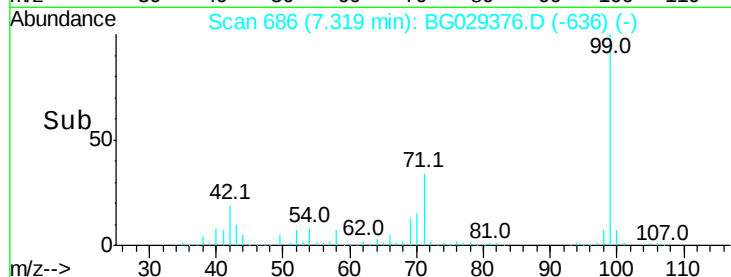
99 100

42 19.4 14.1 21.1

71 34.3 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: 33.498 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

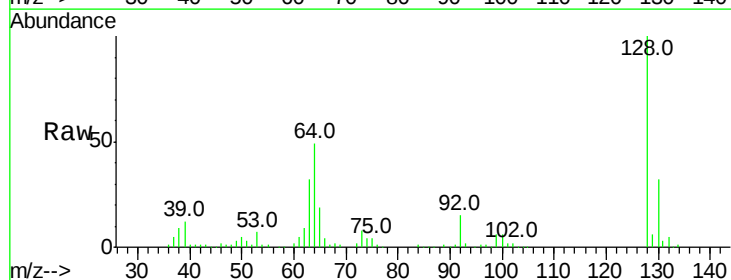
Tgt Ion: 128 Resp: 119596

Ion Ratio Lower Upper

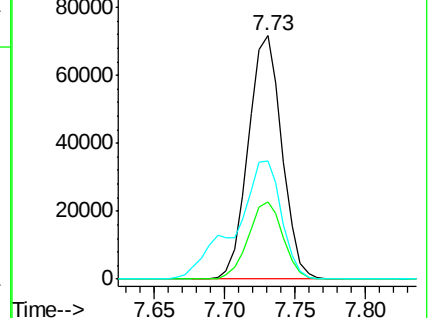
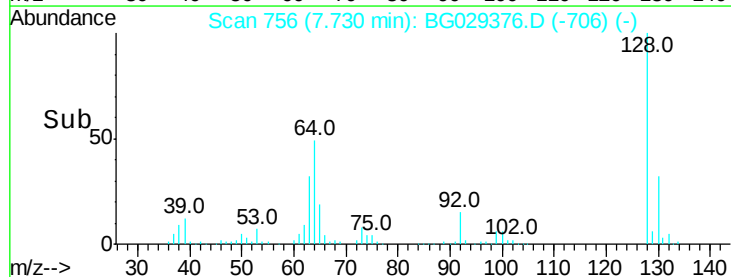
128 100

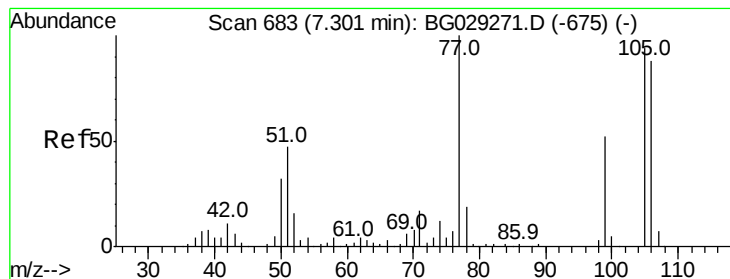
130 32.0 14.0 54.0

64 48.6 37.7 77.7



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





#9

Benzaldehyde

Concen: 14.825 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

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ClientSampleID :

PB103430BS

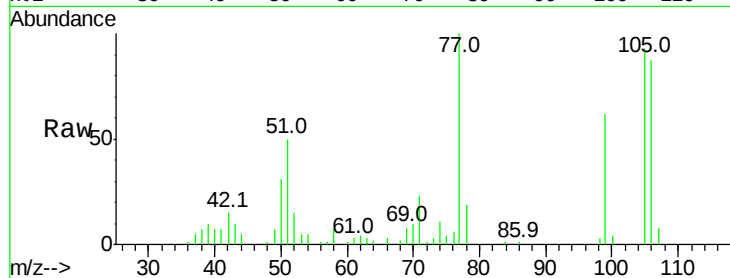
Tot Ion: 77 Resp: 32600

Ion Ratio Lower Upper

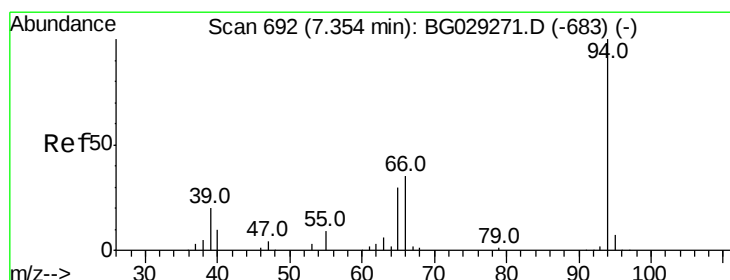
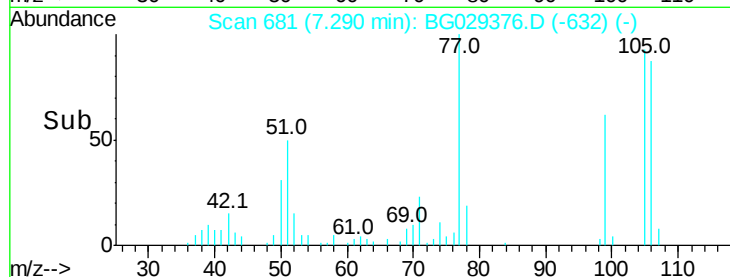
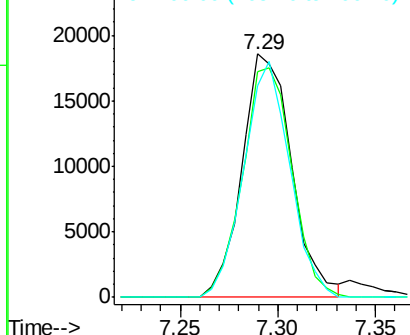
77 100

105 92.7 71.3 111.3

106 86.7 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: 34.280 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

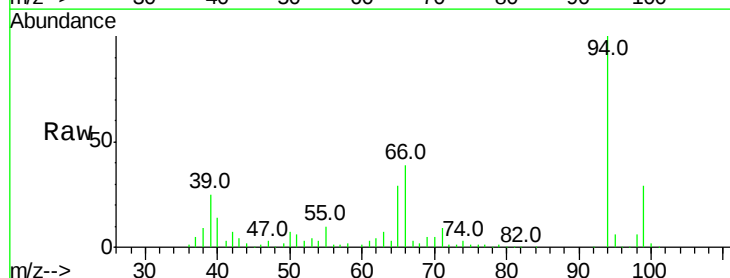
Tgt Ion: 94 Resp: 161577

Ion Ratio Lower Upper

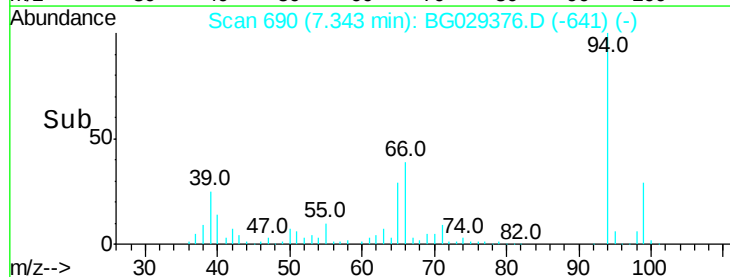
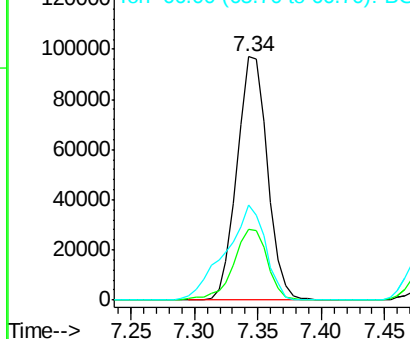
94 100

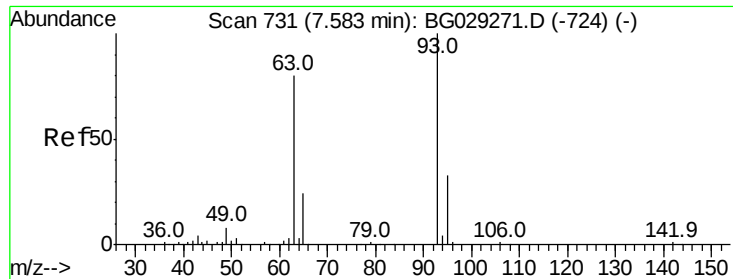
65 29.3 11.9 51.9

66 38.9 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

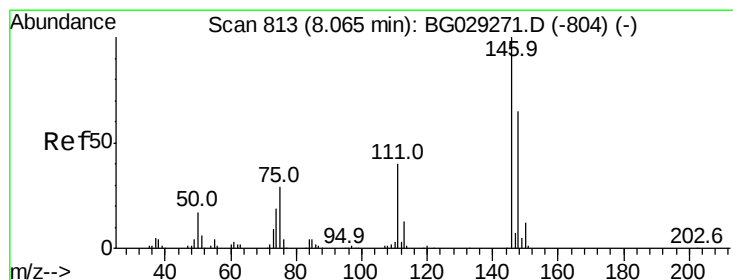
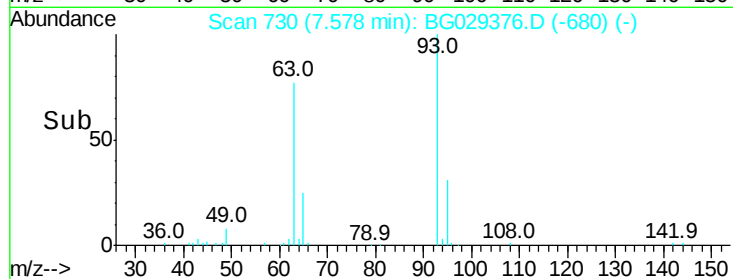
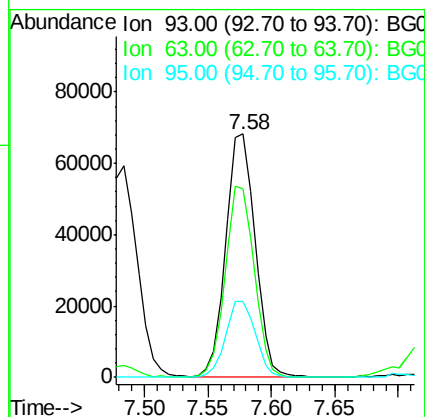
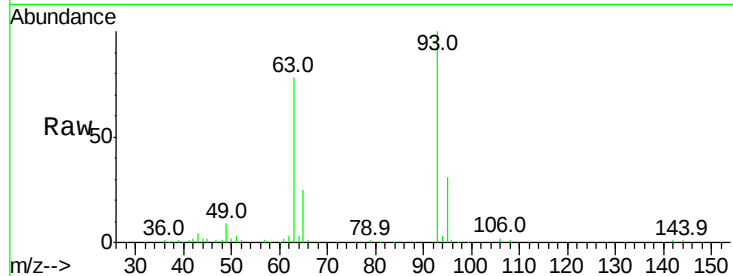




#11
 bis(2-Chloroethyl)ether
 Concen: 32.124 ng
 RT: 7.58 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

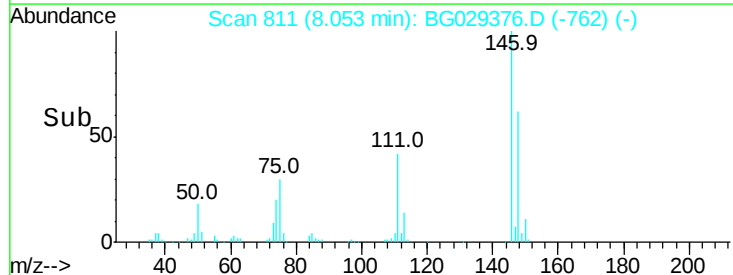
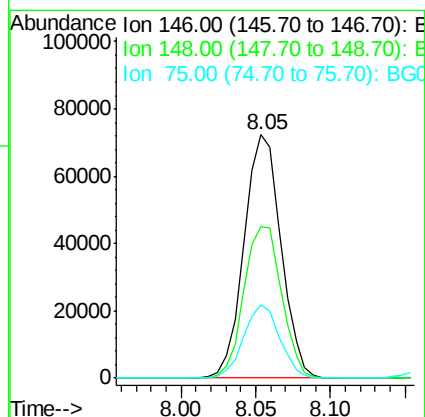
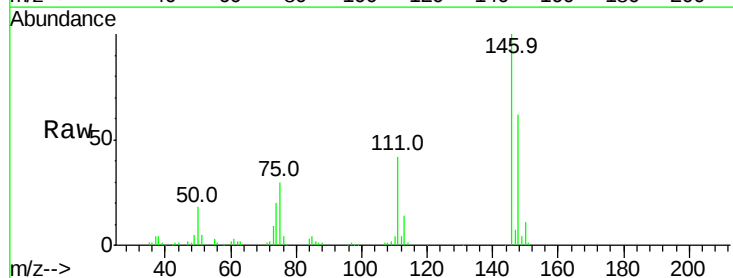
Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

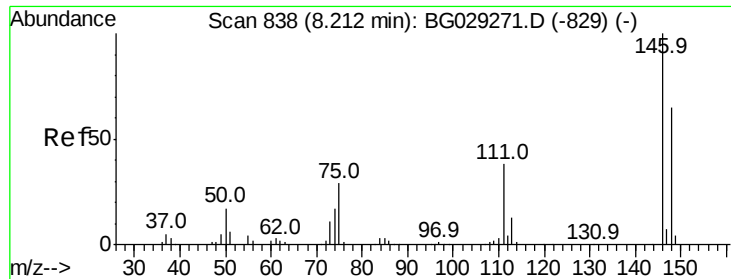
Tot Ion: 93 Resp: 110316
 Ion Ratio Lower Upper
 93 100
 63 77.7 67.1 107.1
 95 31.1 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 30.771 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion: 146 Resp: 123339
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.4 77.2
 75 30.3 26.6 39.8

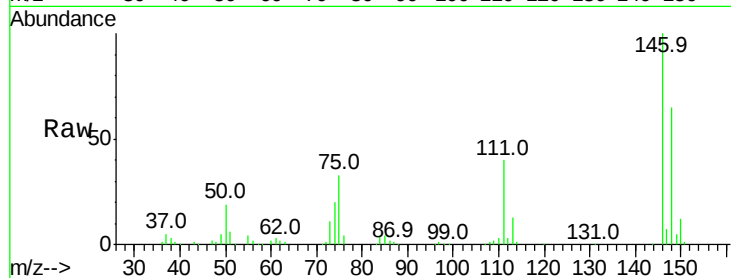




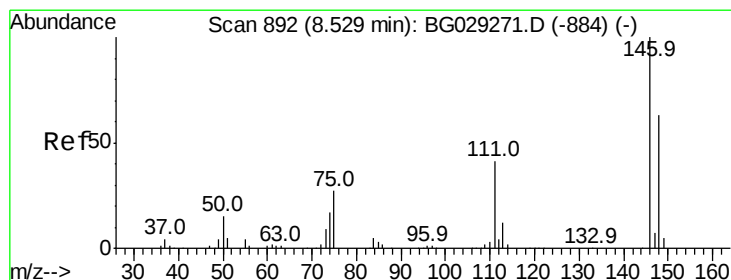
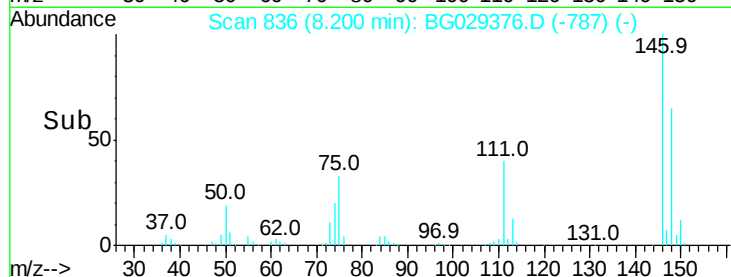
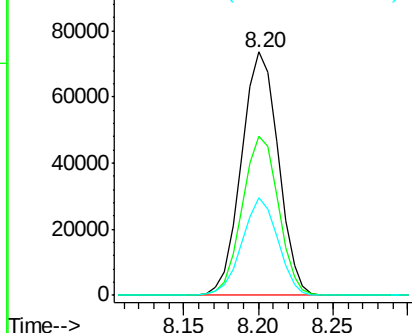
#13
 1,4-Dichlorobenzene
 Concen: 30.764 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

Tot Ion:146 Resp: 125899
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.7 80.5
 111 40.1 35.2 52.8

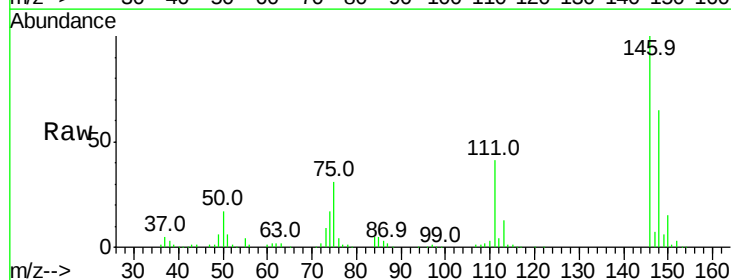


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

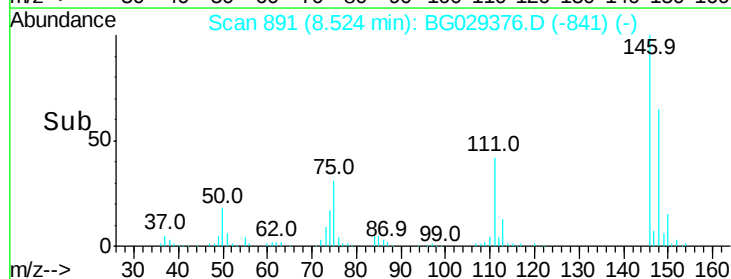
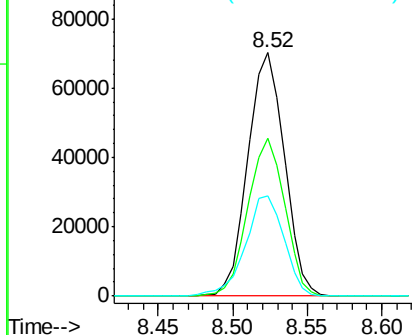


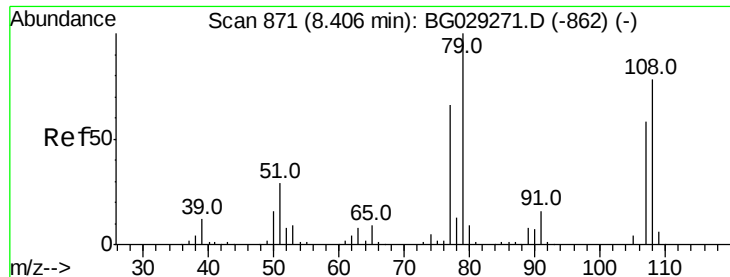
#14
 1,2-Dichlorobenzene
 Concen: 30.146 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion:146 Resp: 118991
 Ion Ratio Lower Upper
 146 100
 148 64.6 49.3 73.9
 111 41.4 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.041 ng

RT: 8.39 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

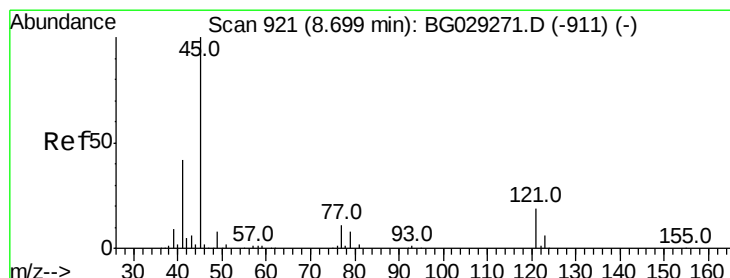
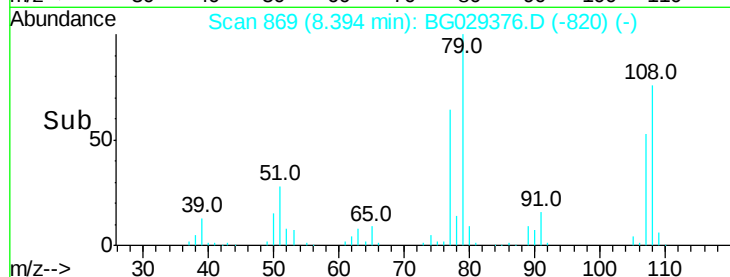
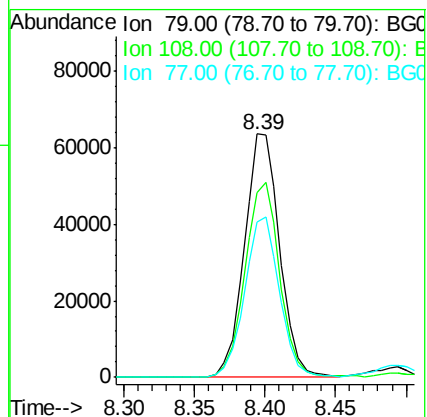
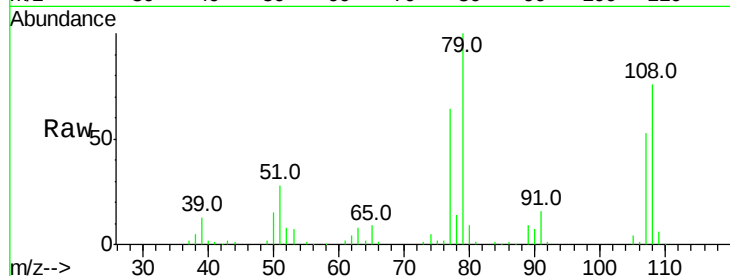
Tot Ion: 79 Resp: 111043

Ion Ratio Lower Upper

79 100

108 76.0 57.2 85.8

77 64.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.330 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

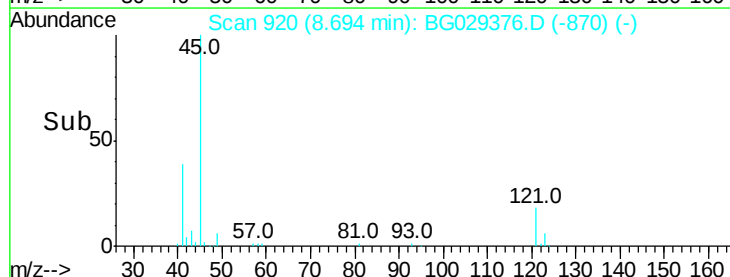
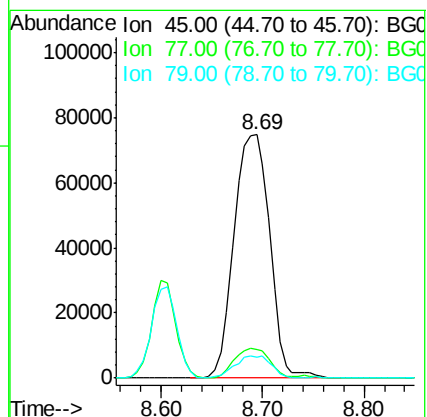
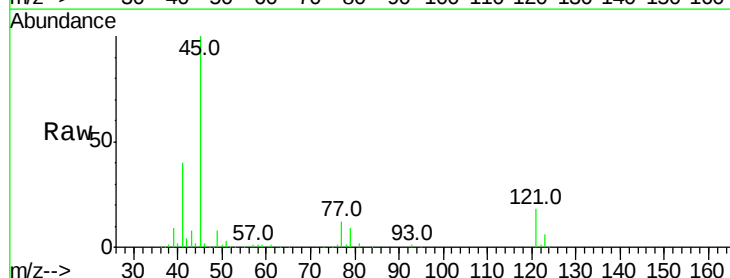
Tgt Ion: 45 Resp: 182718

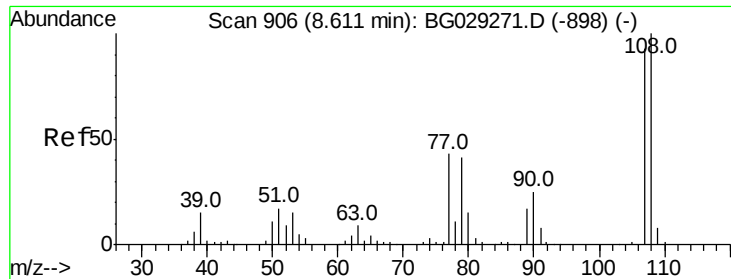
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.2

79 8.7 0.0 27.9

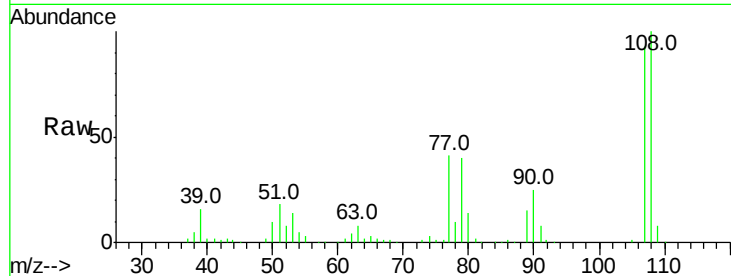




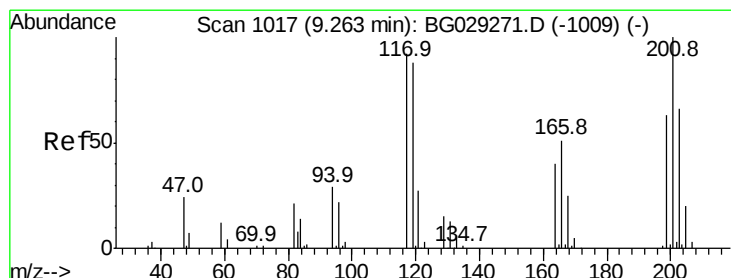
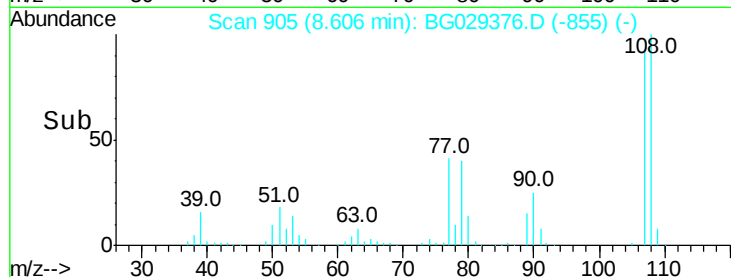
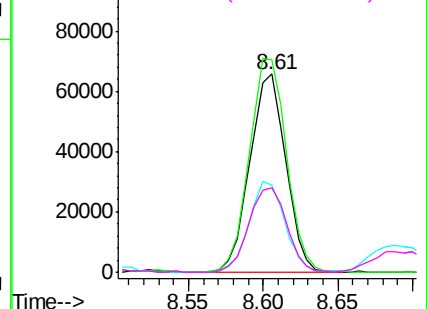
#17
2-Methylphenol
Concen: 34.965 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Instrument :
BNA_G
ClientSampleId :
PB103430BS

Tot Ion:107 Resp: 109479
Ion Ratio Lower Upper
107 100
108 107.3 83.9 125.9
77 44.2 37.2 55.8
79 42.8 36.2 54.2

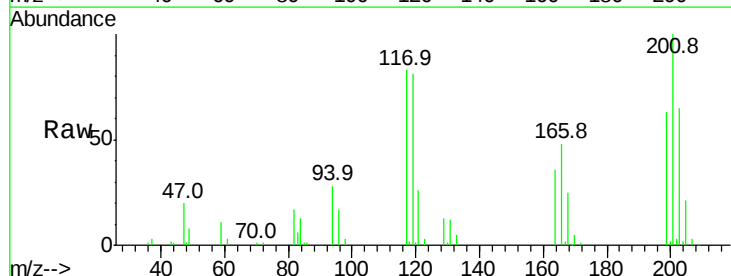


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

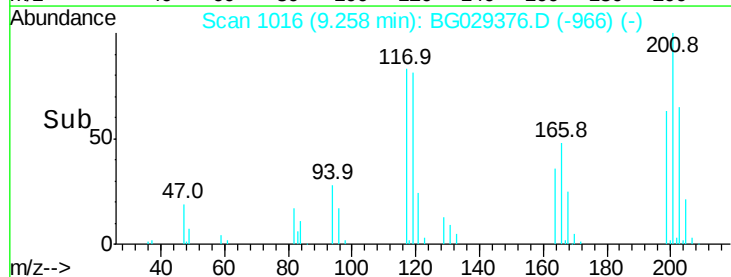
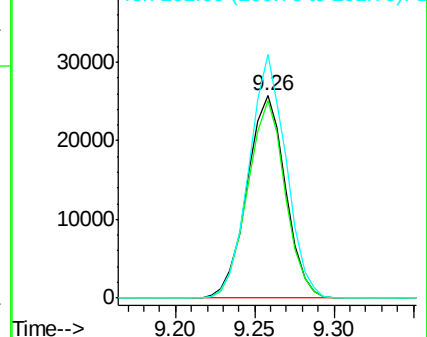


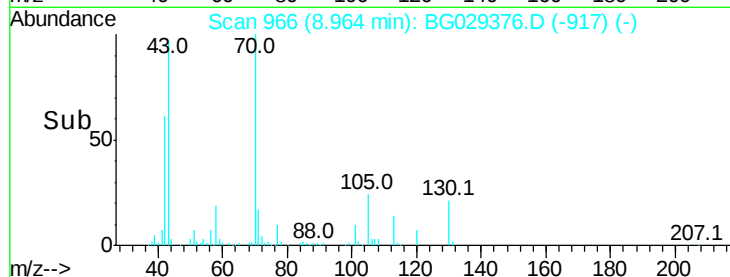
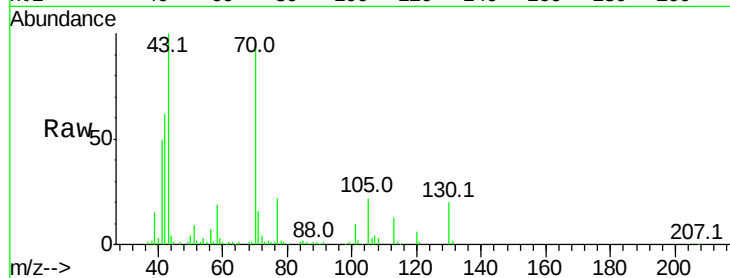
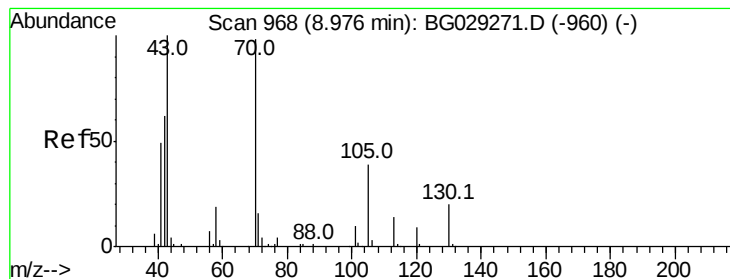
#18
Hexachloroethane
Concen: 31.068 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion:117 Resp: 43327
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1
201 120.2 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: 31.402 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

Tot Ion: 70 Resp: 93349

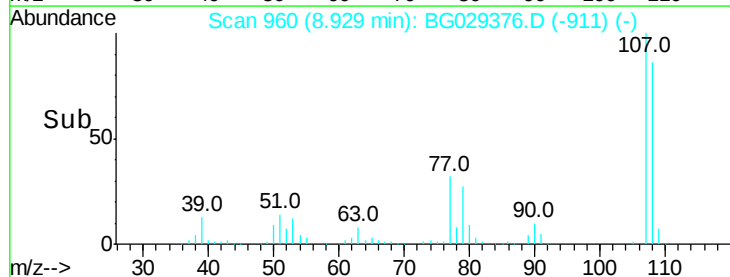
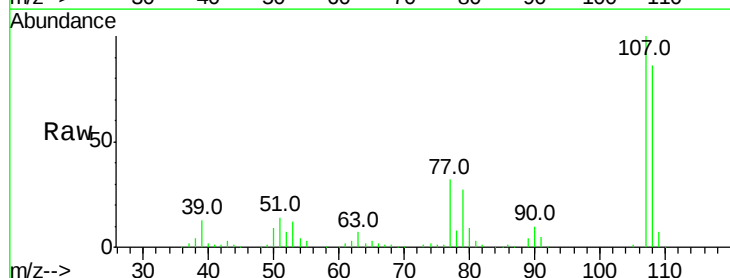
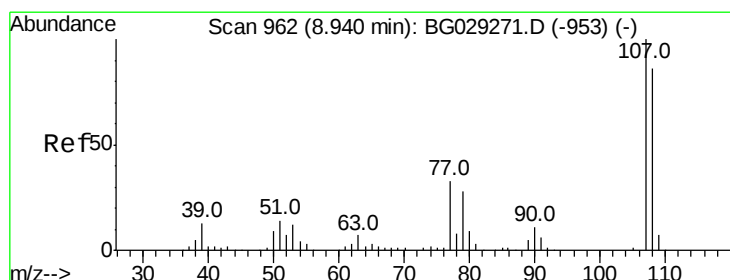
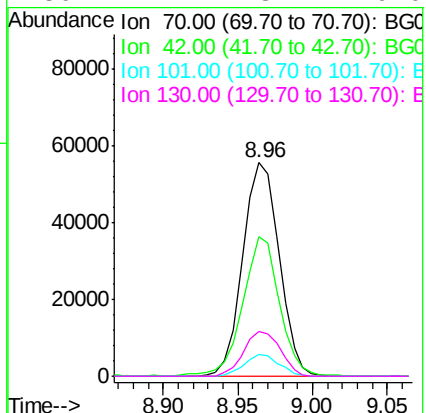
Ion Ratio Lower Upper

70 100

42 65.3 49.1 73.7

101 10.1 8.5 12.7

130 21.2 13.4 20.0#



#20

3+4-Methylphenols

Concen: 34.781 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Tgt Ion: 107 Resp: 153447

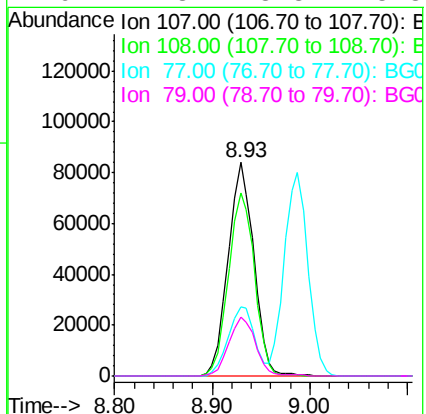
Ion Ratio Lower Upper

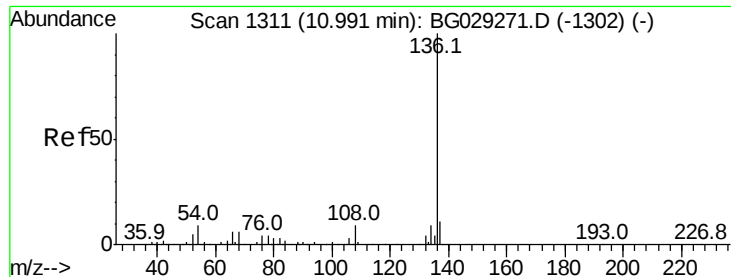
107 100

108 85.9 61.6 101.6

77 32.3 13.9 53.9

79 27.3 8.8 48.8

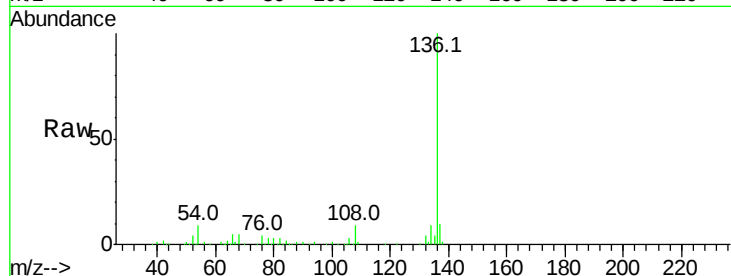




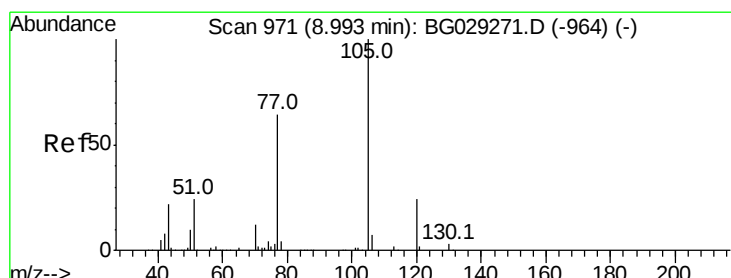
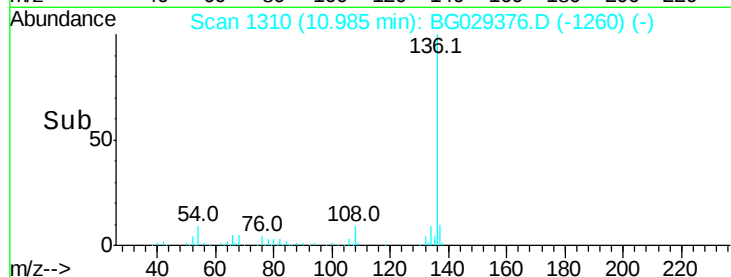
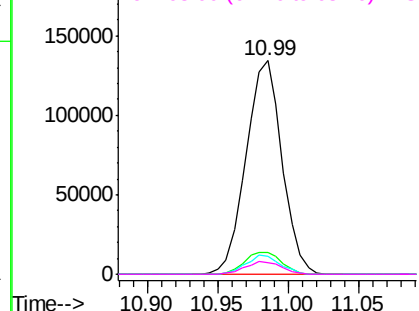
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Instrument :
BNA_G
ClientSampleId :
PB103430BS

Tot Ion:136	Resp:	238840	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	9.2	13.8	
54 8.7	10.3	15.5#	
68 5.2	4.5	6.7	

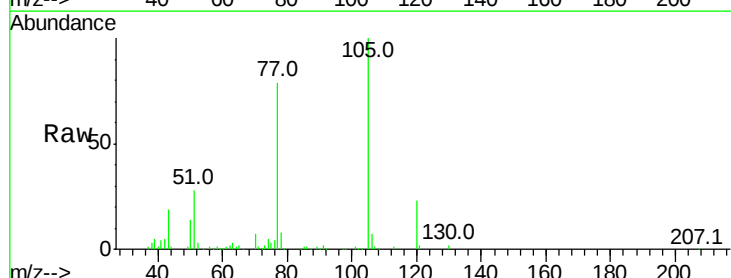


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

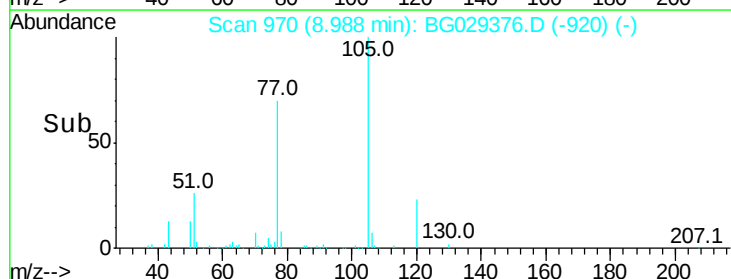
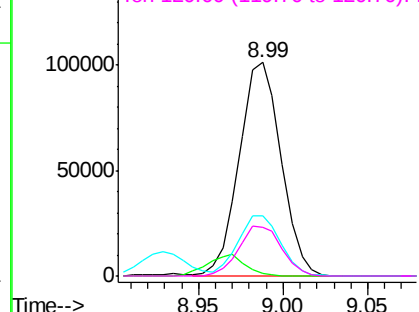


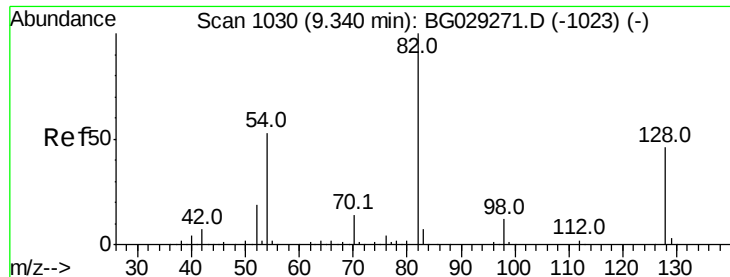
#22
Acetophenone
Concen: 30.483 ng
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt	Ion:105	Resp:	175456
Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	28.4	26.1	39.1
120	22.8	17.4	26.2



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

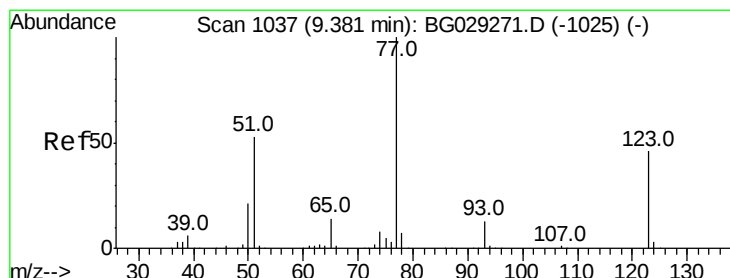
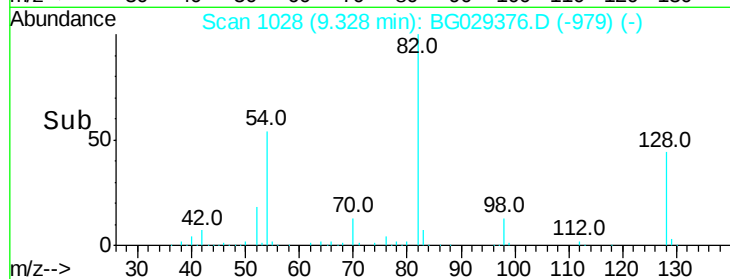
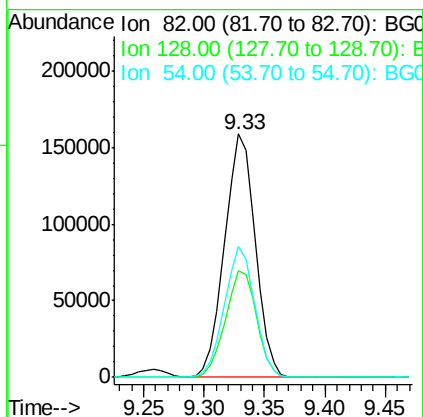
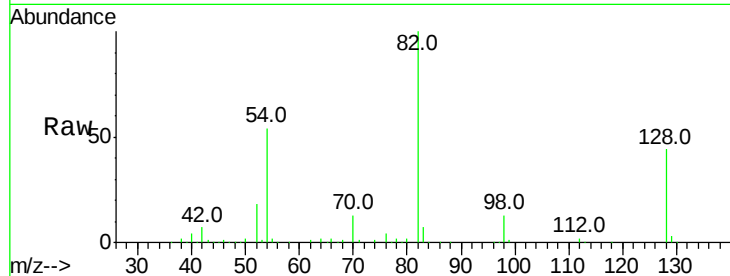




#23
Nitrobenzene-d5
Concen: 74.824 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

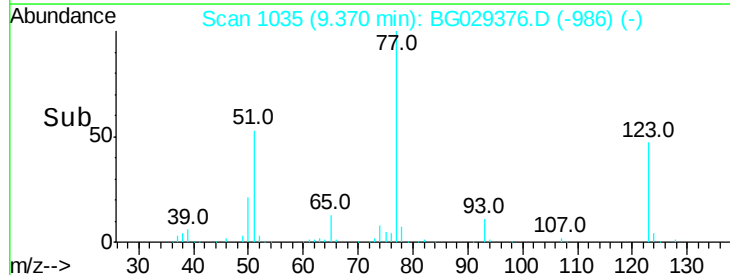
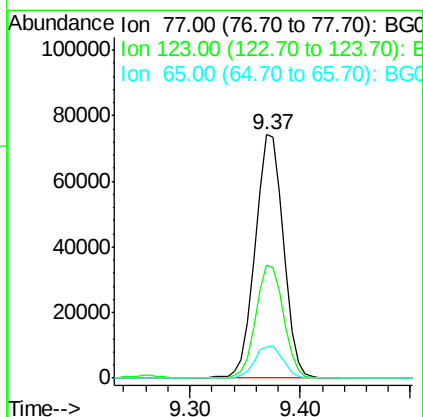
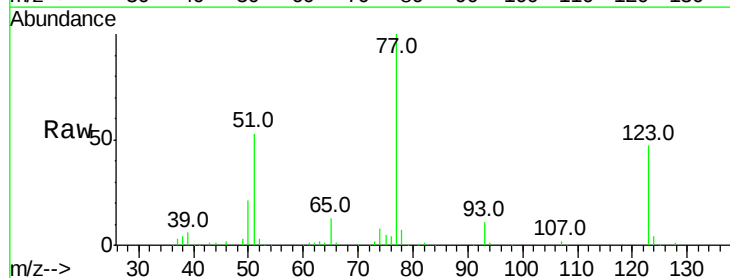
Instrument :
BNA_G
ClientSampleId :
PB103430BS

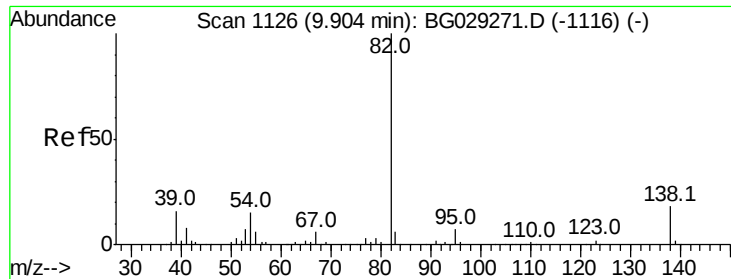
Tot Ion	82	Resp	281222
Ion Ratio	100	Lower	Upper
128	44.0	29.7	44.5
54	53.8	43.1	64.7



#24
Nitrobenzene
Concen: 31.613 ng
RT: 9.37 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion	77	Resp	133592
Ion Ratio	100	Lower	Upper
123	46.6	33.0	49.6
65	13.0	13.0	19.6





#25

Isophorone

Concen: 33.046 ng

RT: 9.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

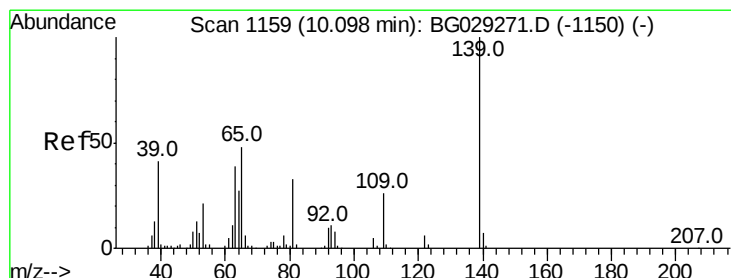
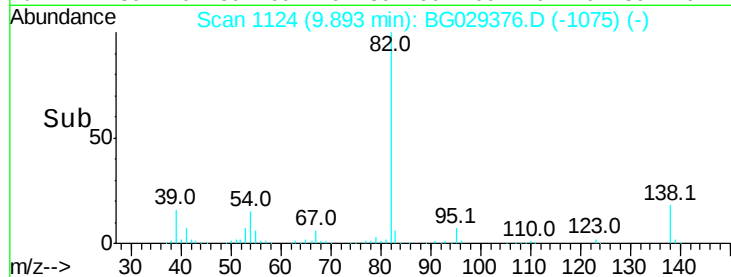
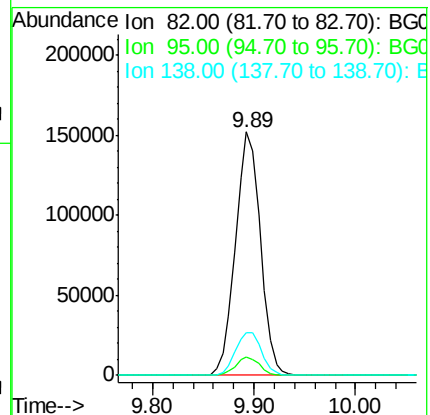
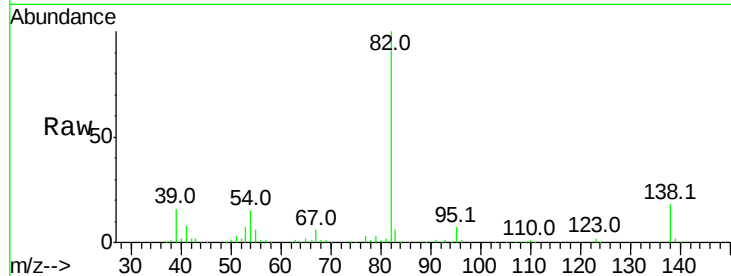
Tot Ion: 82 Resp: 259283

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 17.5 12.1 18.1



#26

2-Nitrophenol

Concen: 33.596 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

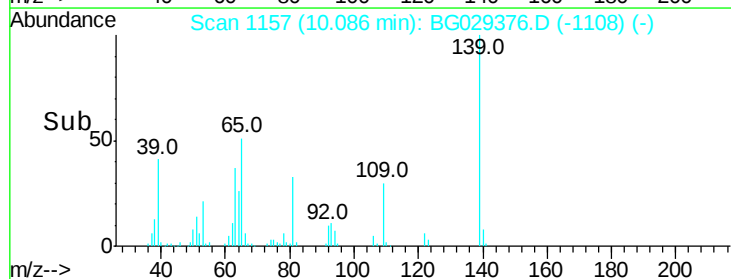
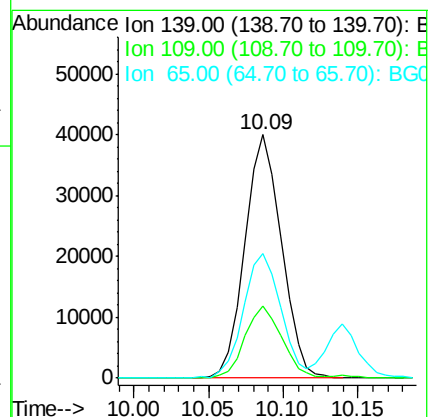
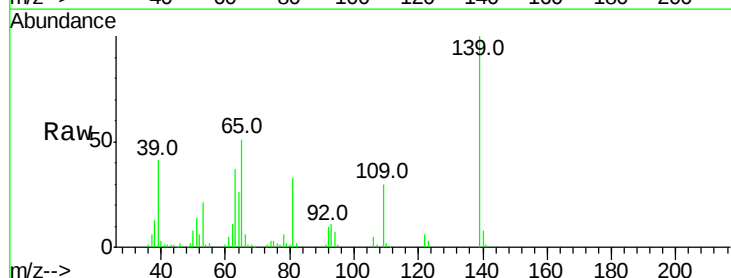
Tgt Ion: 139 Resp: 67856

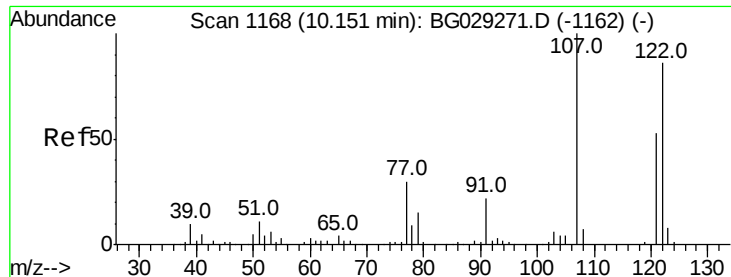
Ion Ratio Lower Upper

139 100

109 29.9 24.2 36.2

65 51.0 47.4 71.0

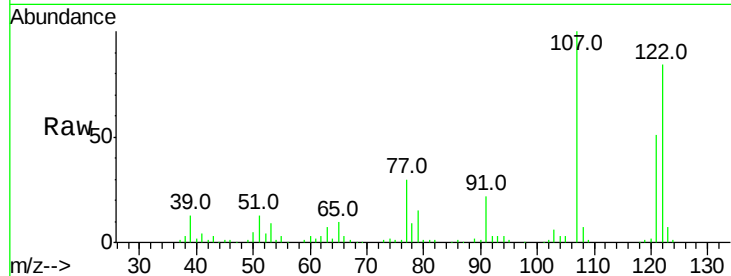




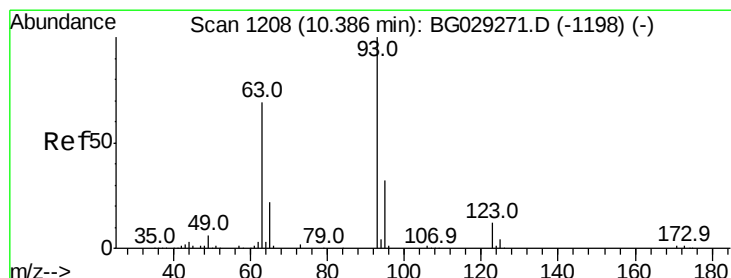
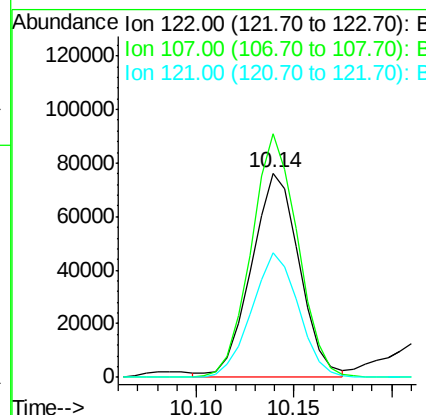
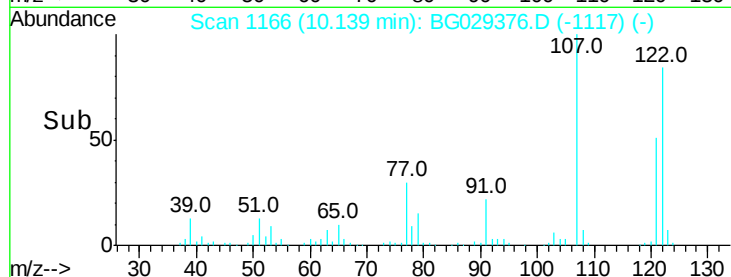
#27
 2,4-Dimethylphenol
 Concen: 35.385 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

Tot Ion:122 Resp: 129307
 Ion Ratio Lower Upper
 122 100
 107 119.2 100.2 150.2
 121 60.7 44.4 66.6

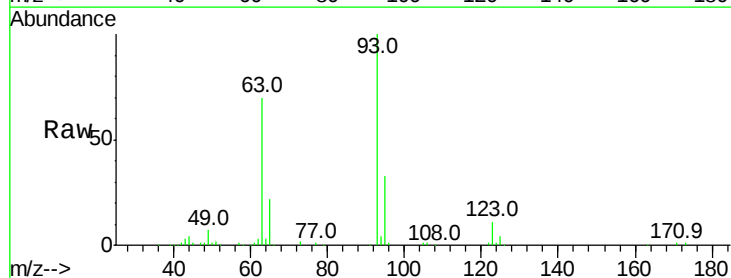


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

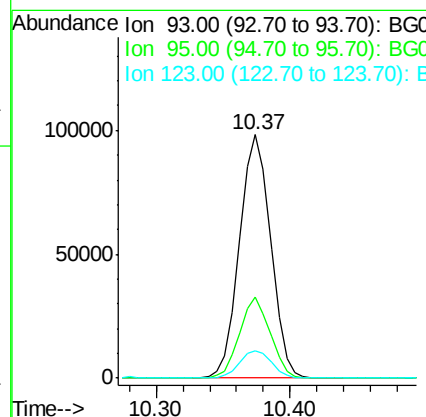
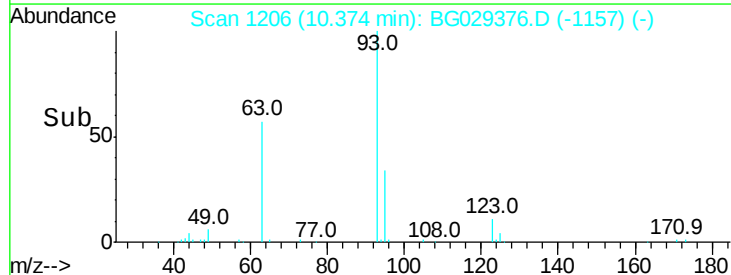


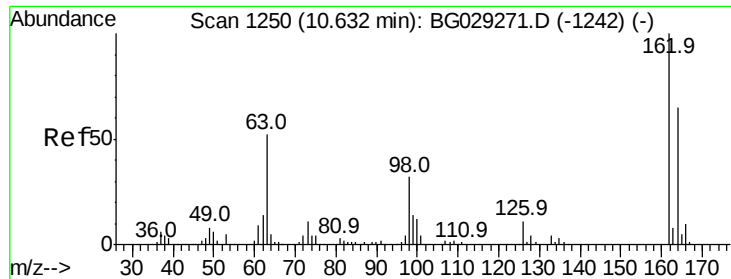
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.137 ng
 RT: 10.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion: 93 Resp: 159432
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.3 36.5
 123 11.4 8.4 12.6



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

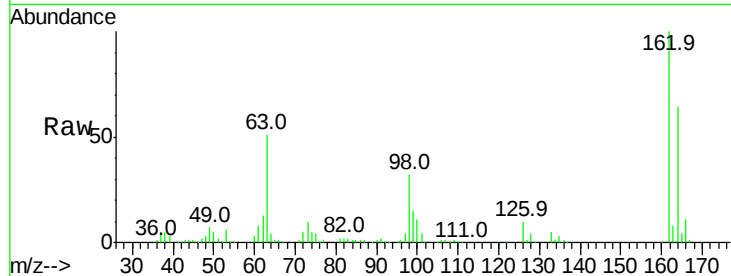




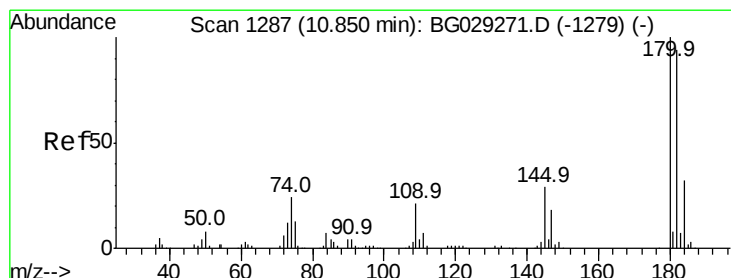
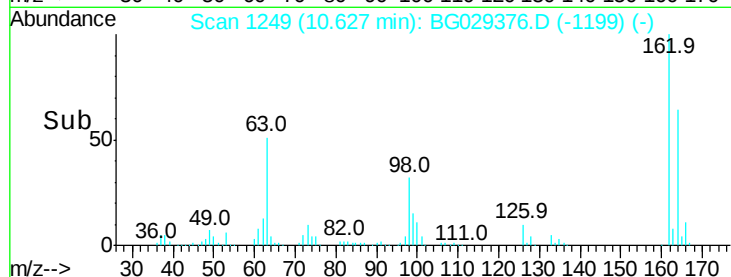
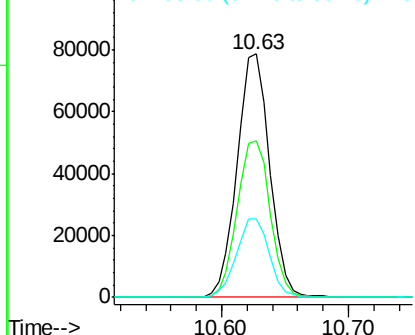
#29
 2,4-Dichlorophenol
 Concen: 35.986 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Instrument :
 BNA_G
 ClientSampleID :
 PB103430BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.0	88.0
98	32.4	21.1	61.1

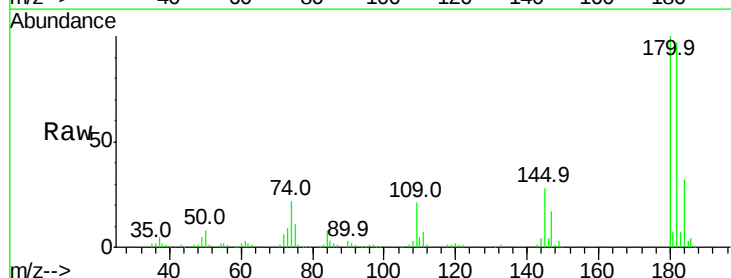


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

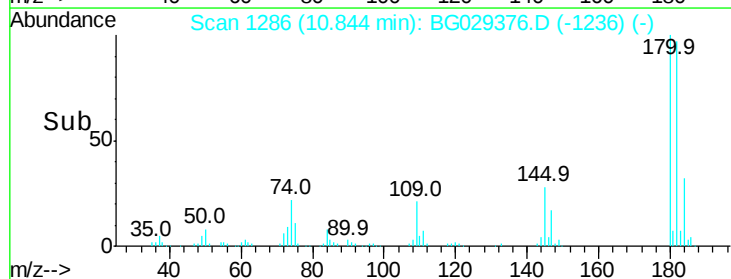
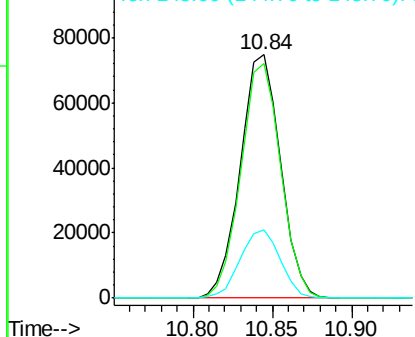


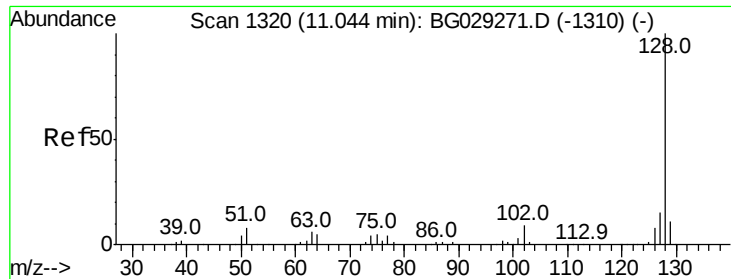
#30
 1,2,4-Trichlorobenzene
 Concen: 31.300 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.5	116.3
145	28.0	23.4	35.2



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

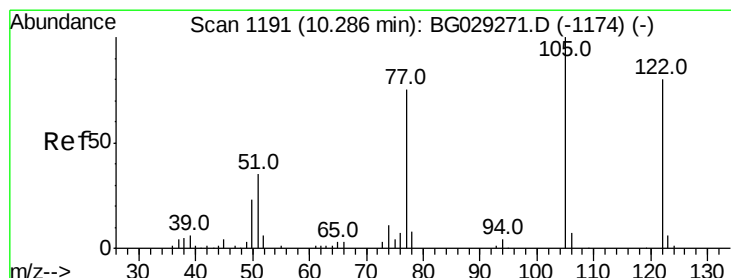
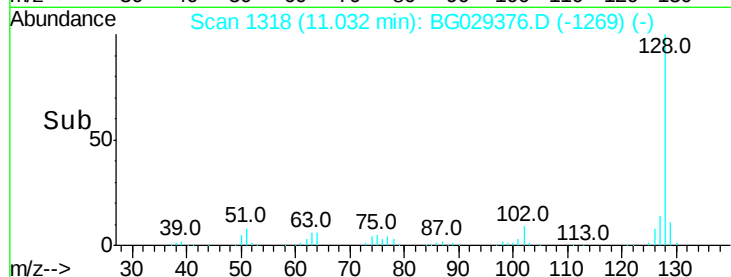
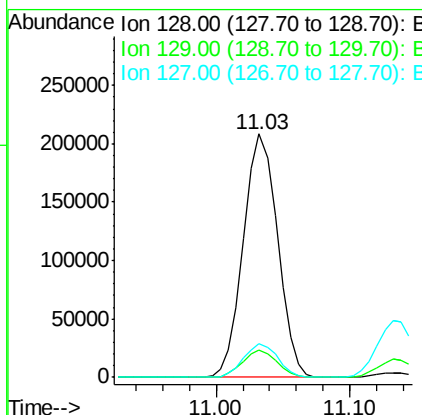
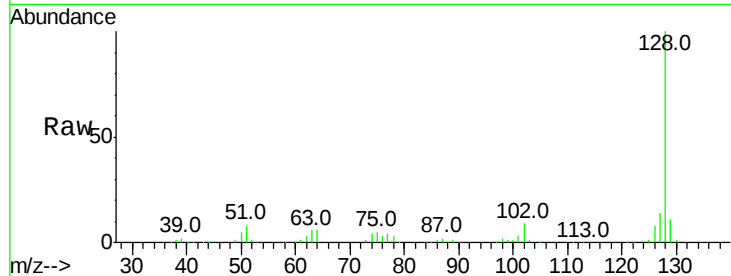




#31
Naphthalene
Concen: 31.162 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

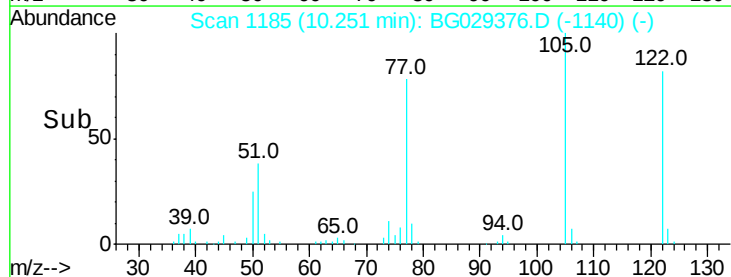
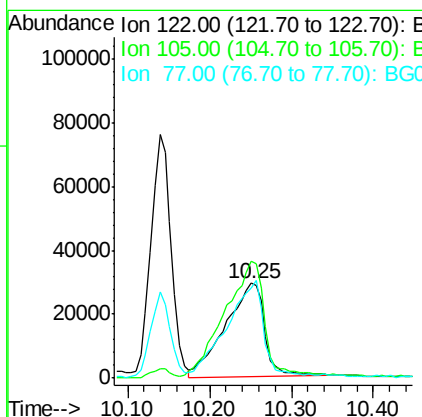
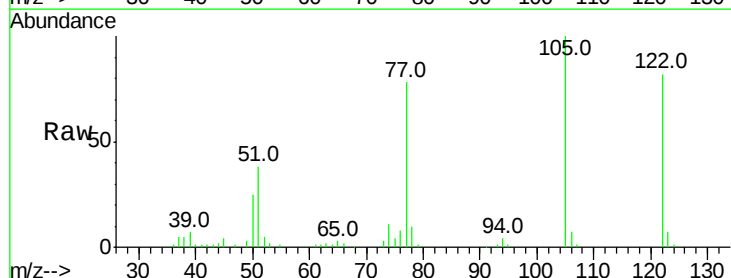
Instrument :
BNA_G
ClientSampleId :
PB103430BS

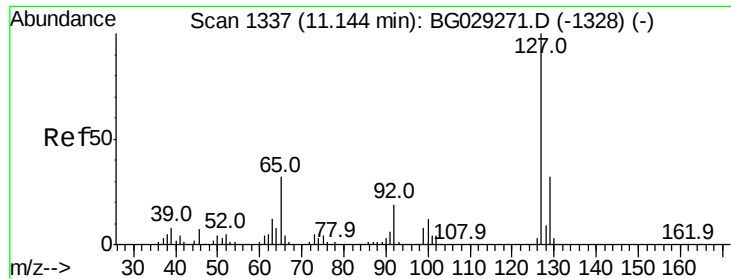
Tot Ion:128 Resp: 370928
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 31.908 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion:122 Resp: 97630
Ion Ratio Lower Upper
122 100
105 122.6 123.5 163.5#
77 95.5 85.7 125.7

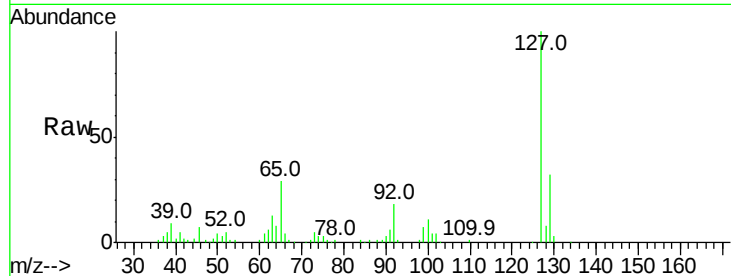




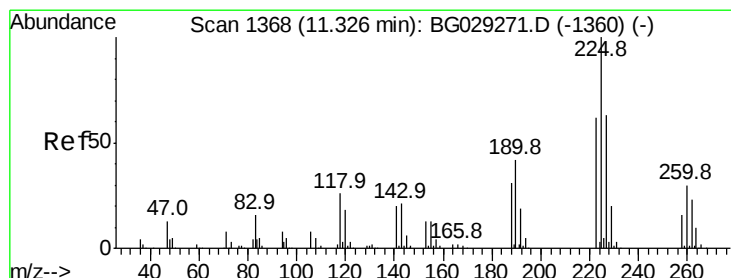
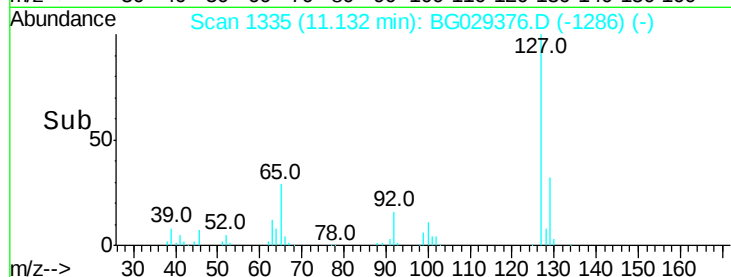
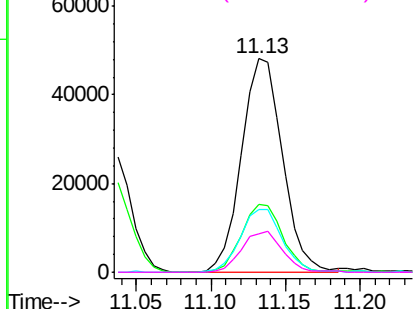
#33
4-Chloroaniline
Concen: 18.295 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Instrument :
BNA_G
ClientSampleId :
PB103430BS

Tot Ion:	127	Resp:	91607
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	29.3	27.0	40.4
92	18.0	16.6	25.0

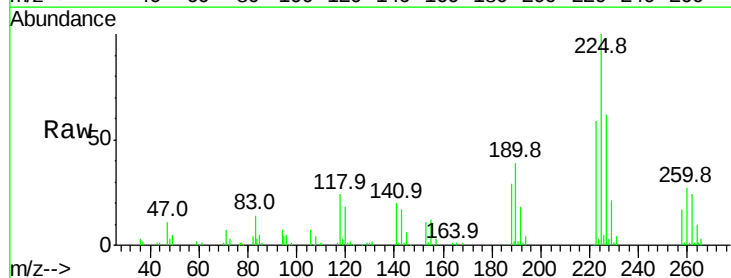


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

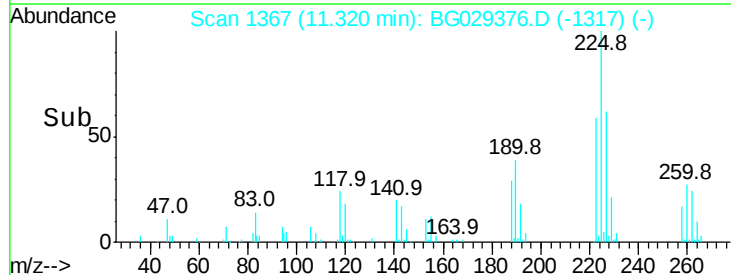
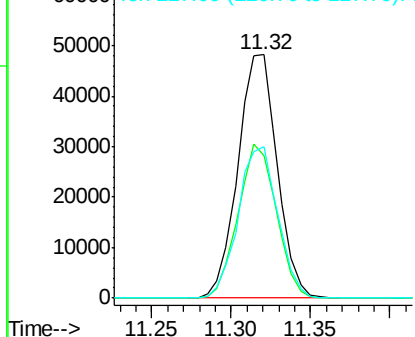


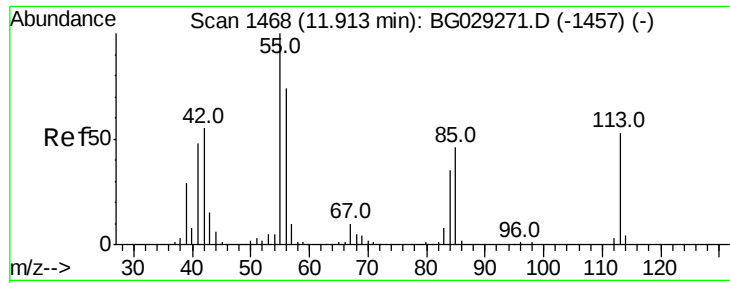
#34
Hexachlorobutadiene
Concen: 31.620 ng
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion:	225	Resp:	82765
Ion	Ratio	Lower	Upper
225	100		
223	58.8	49.7	74.5
227	62.2	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: 41.170 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

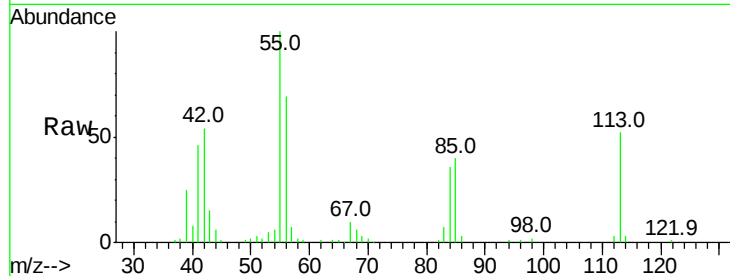
Tot Ion:113 Resp: 53318

Ion Ratio Lower Upper

113 100

55 191.5 186.9 226.9

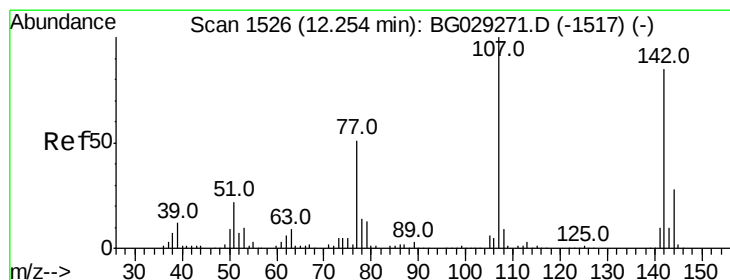
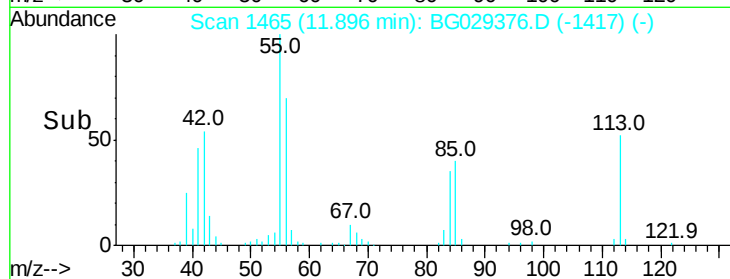
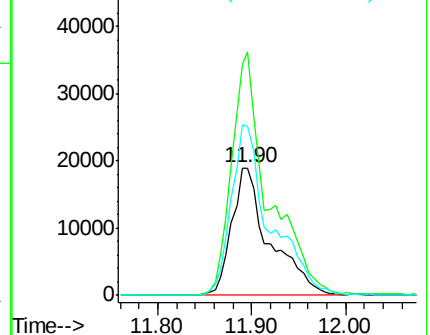
56 133.0 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 35.567 ng

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

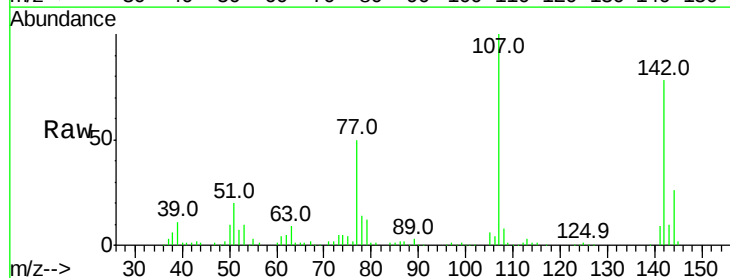
Tgt Ion:107 Resp: 152434

Ion Ratio Lower Upper

107 100

144 26.0 18.2 27.4

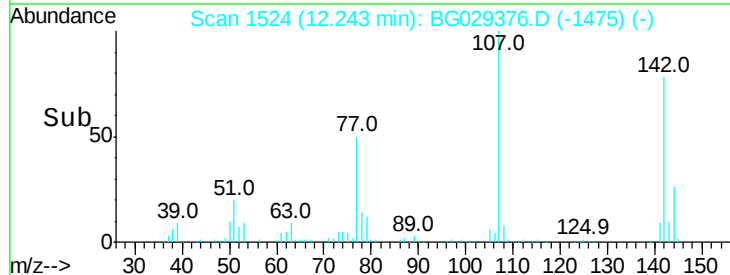
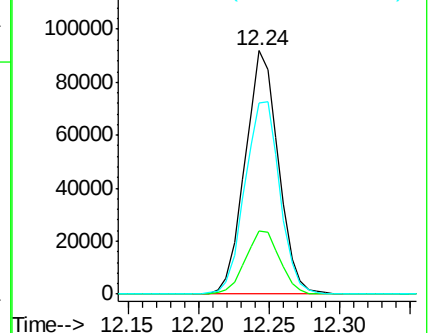
142 78.5 59.0 88.4

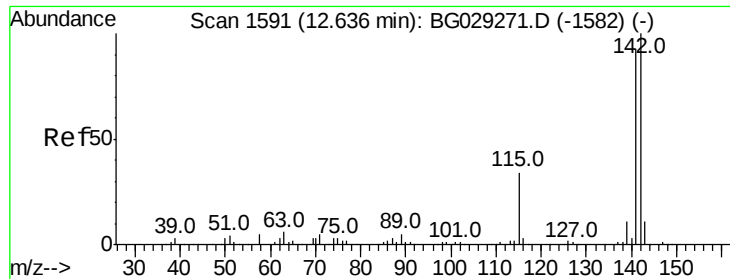


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

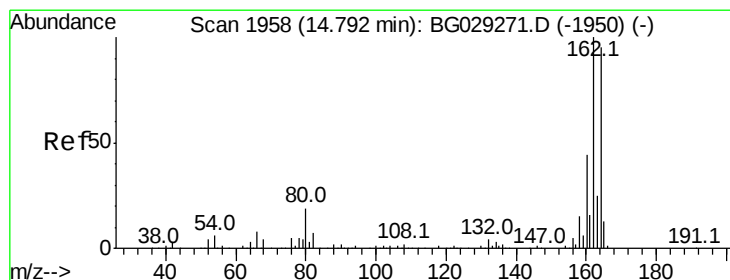
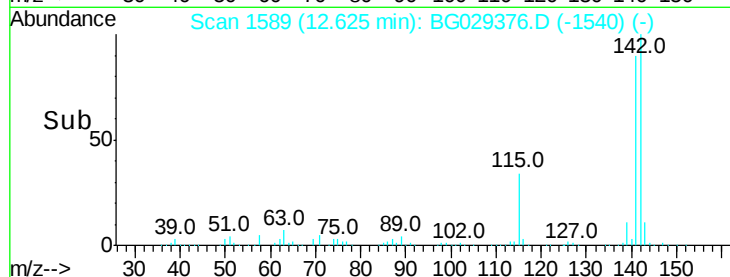
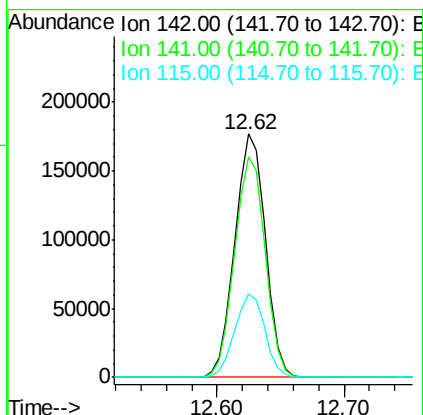
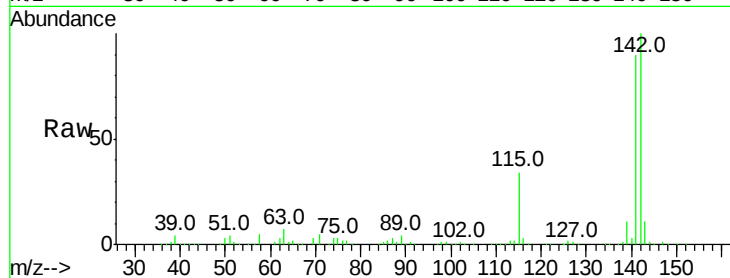




#37
2-Methylnaphthalene
Concen: 34.012 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

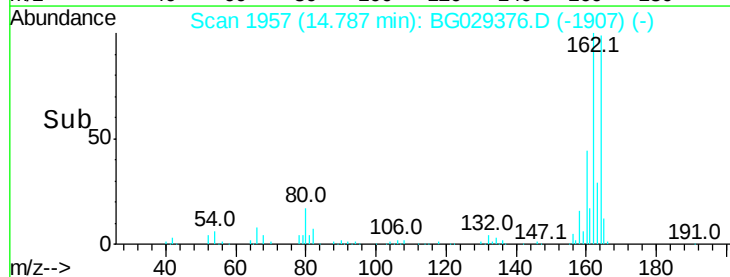
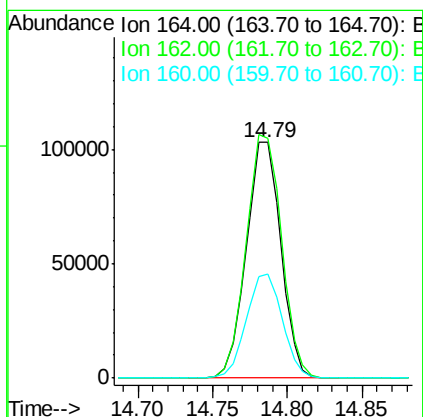
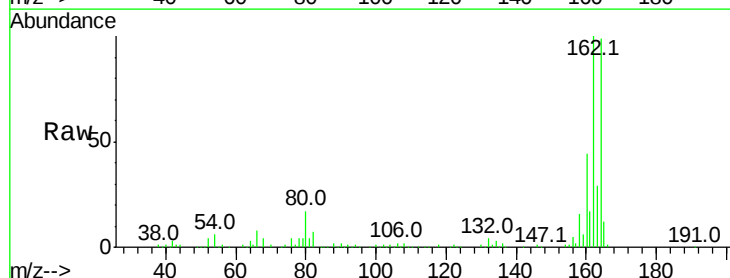
Instrument :
BNA_G
ClientSampleId :
PB103430BS

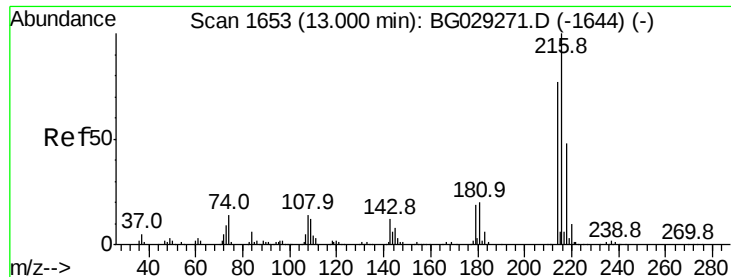
Tot Ion:142 Resp: 295065
Ion Ratio Lower Upper
142 100
141 90.3 67.1 100.7
115 34.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion:164 Resp: 164415
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 44.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.074 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

Tot Ion:216 Resp: 162522

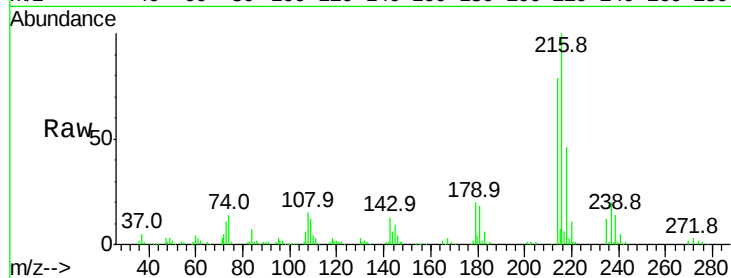
Ion Ratio Lower Upper

216 100

214 77.1 63.0 94.4

179 19.6 17.0 25.6

108 17.2 12.8 19.2

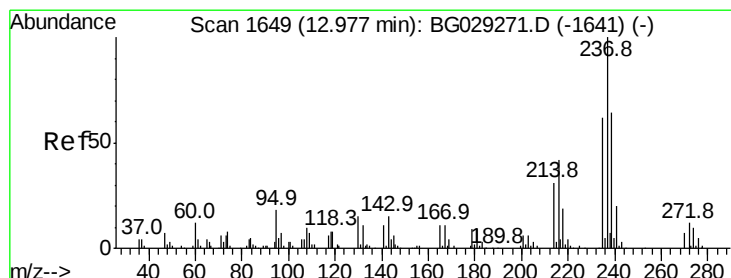
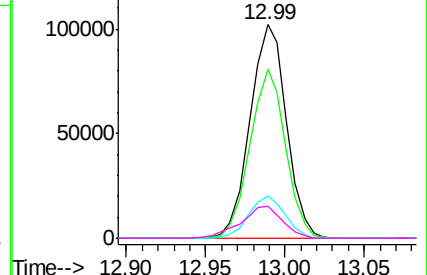
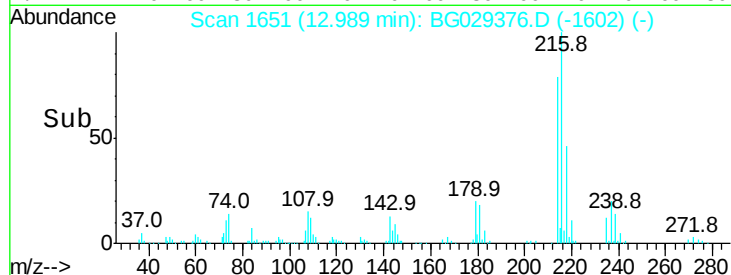


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.065 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

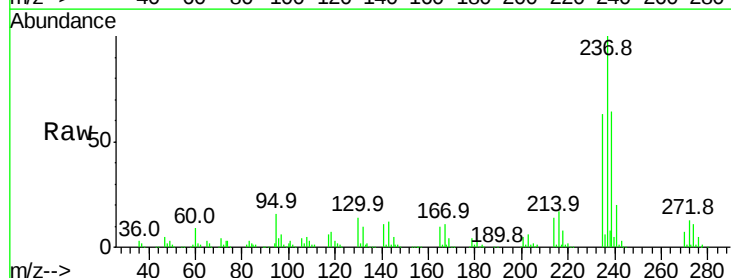
Tgt Ion:237 Resp: 203809

Ion Ratio Lower Upper

237 100

235 62.9 50.4 90.4

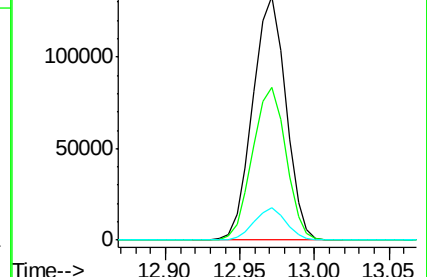
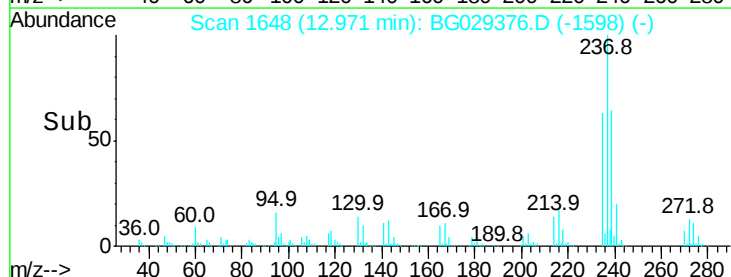
272 13.1 0.0 31.8

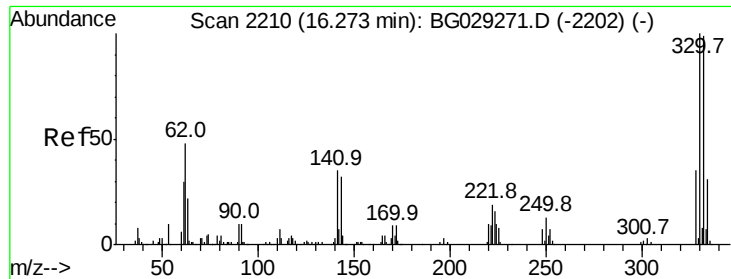


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

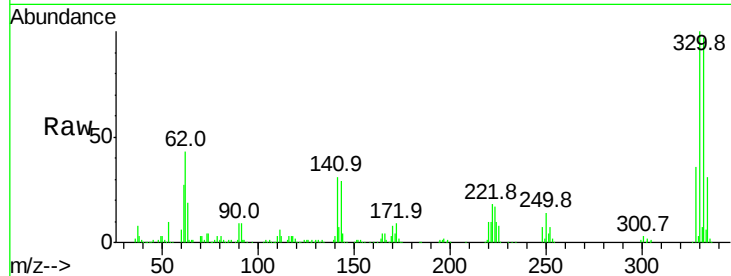




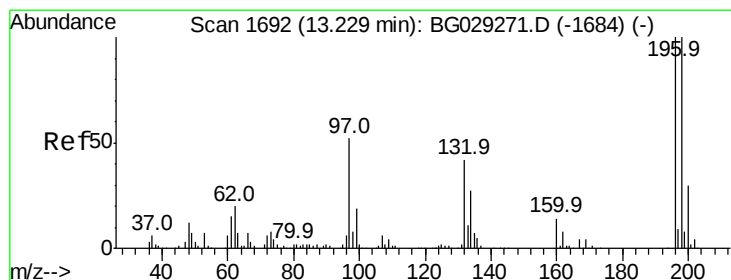
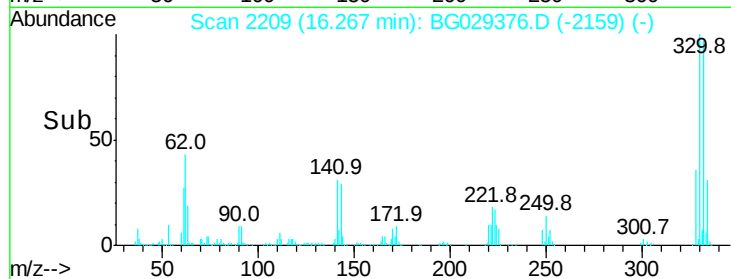
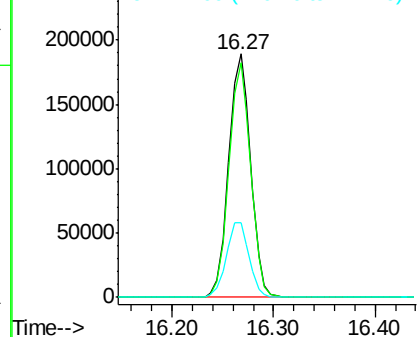
#41
 2,4,6-Tribromophenol
 Concen: 134.036 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.0	25.2	37.8

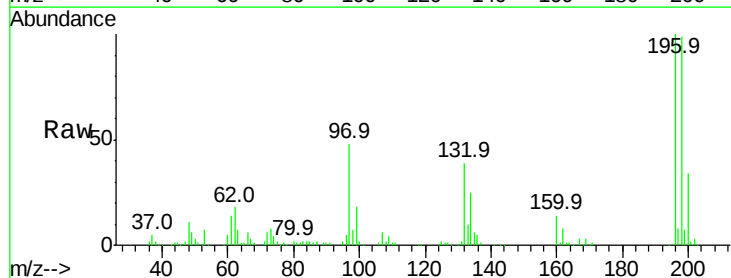


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

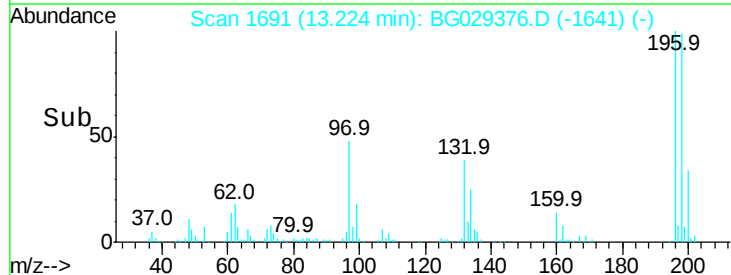
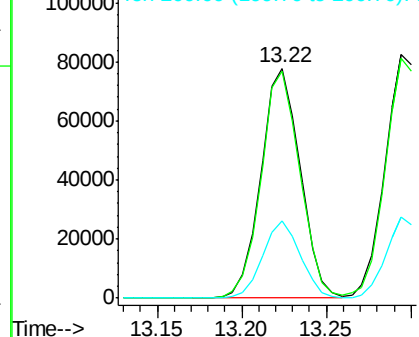


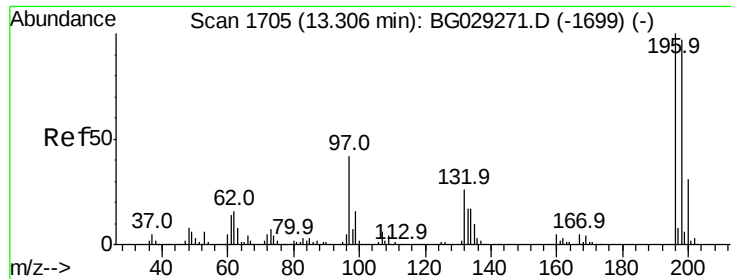
#42
 2,4,6-Trichlorophenol
 Concen: 33.114 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.2	117.2
200	33.8	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

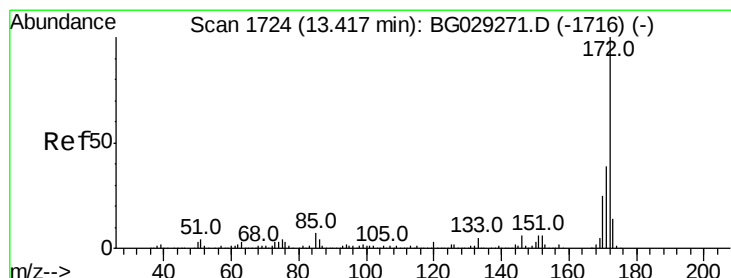
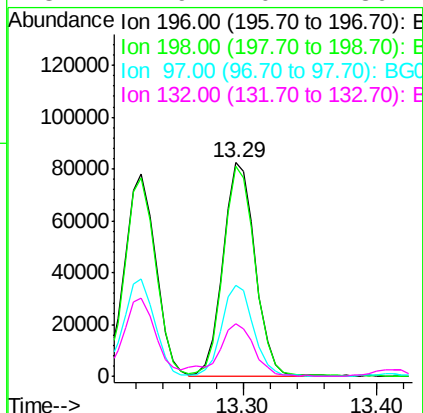
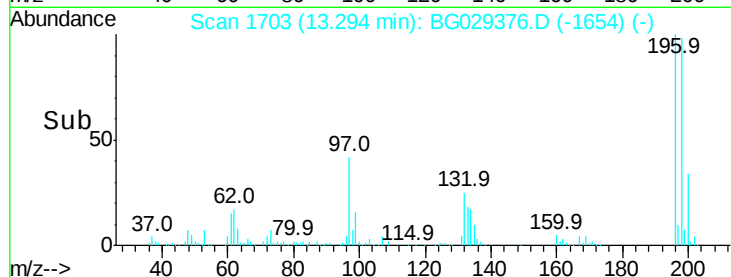
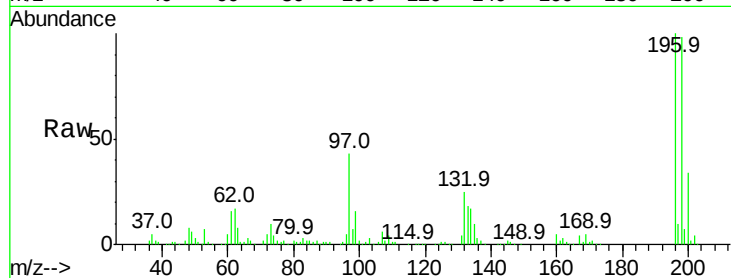




#43
 2,4,5-Trichlorophenol
 Concen: 35.656 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

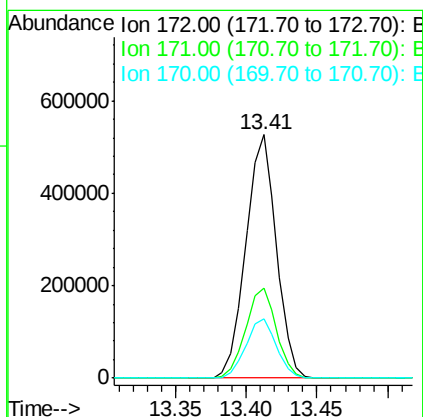
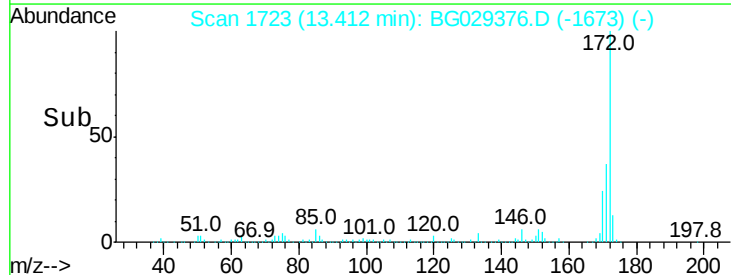
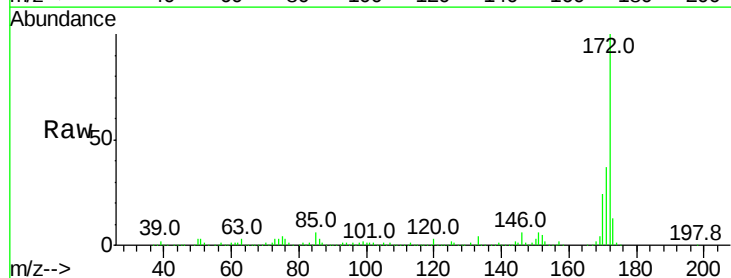
Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

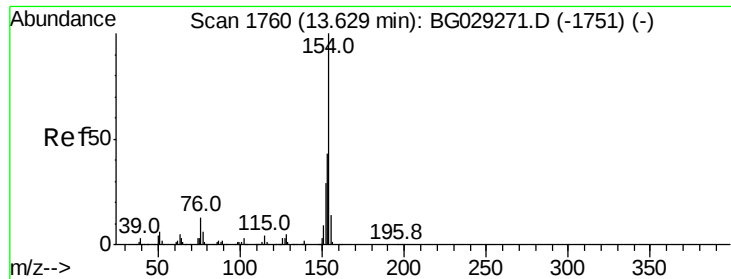
Tot Ion:	196	Resp:	137988
Ion	Ratio	Lower	Upper
196	100		
198	98.4	76.2	114.4
97	42.6	38.7	58.1
132	24.9	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 70.979 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion:	172	Resp:	795686
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3

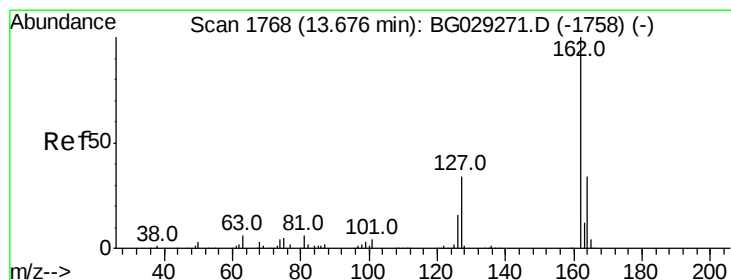
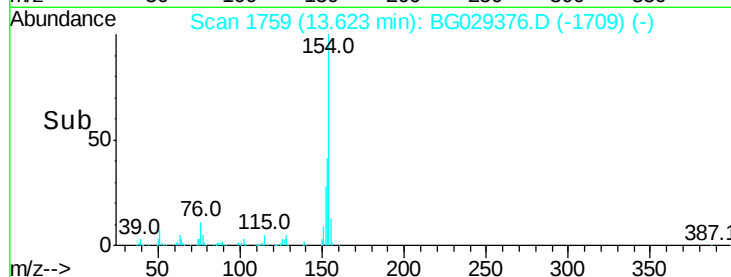
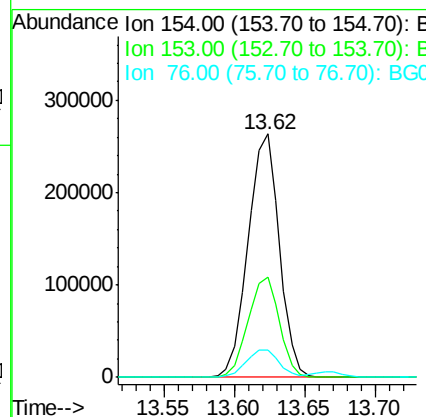
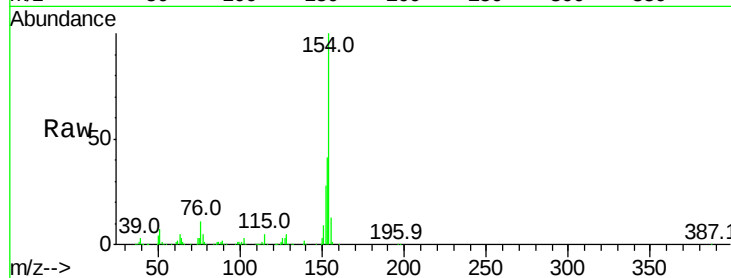




#45
 1,1'-Biphenyl
 Concen: 28.836 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

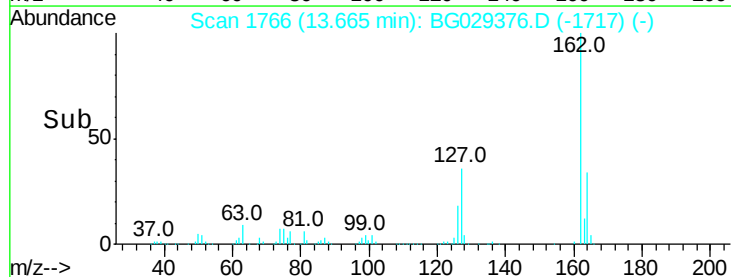
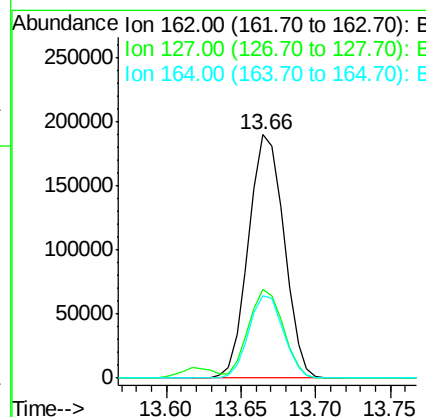
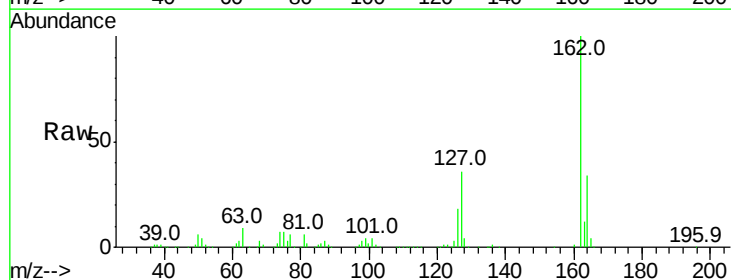
Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

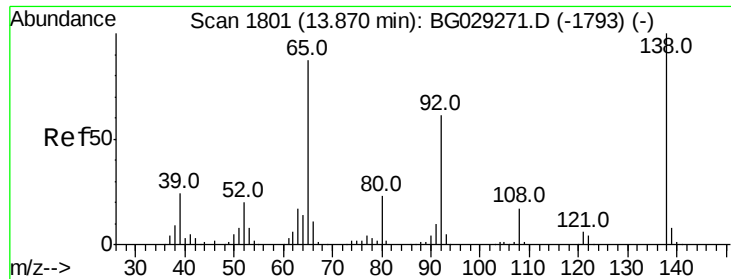
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	11.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 30.269 ng
 RT: 13.66 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.7	46.1
164	33.8	26.0	39.0

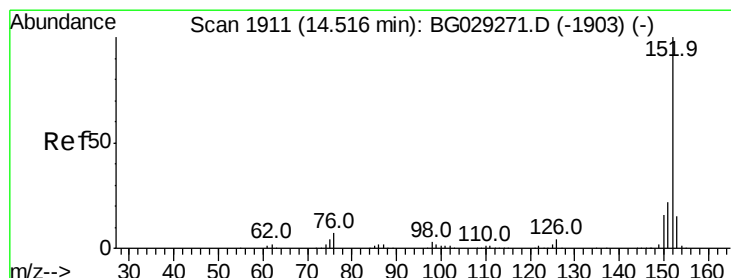
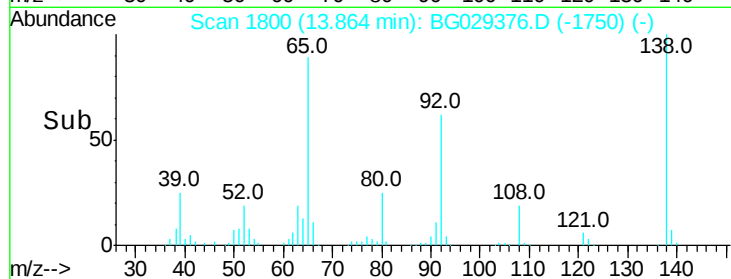
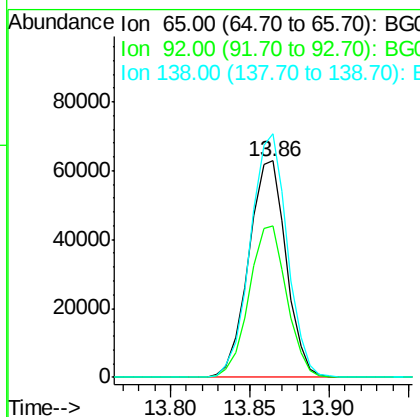
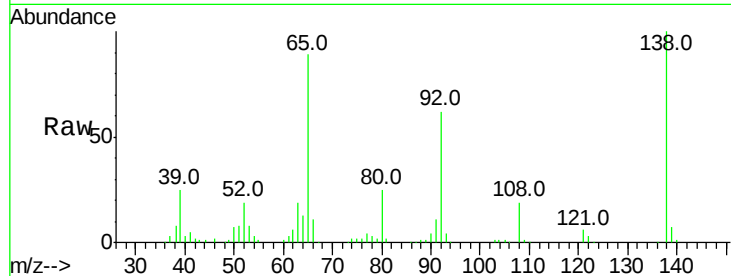




#47
 2-Nitroaniline
 Concen: 36.646 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

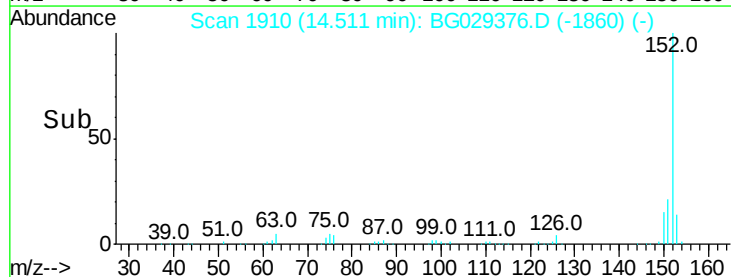
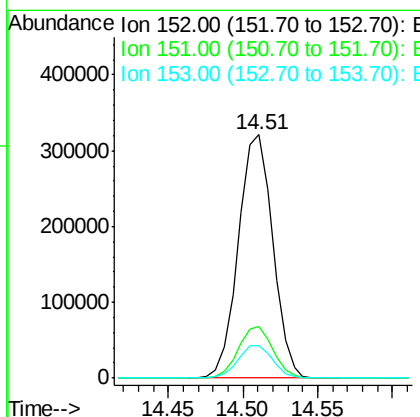
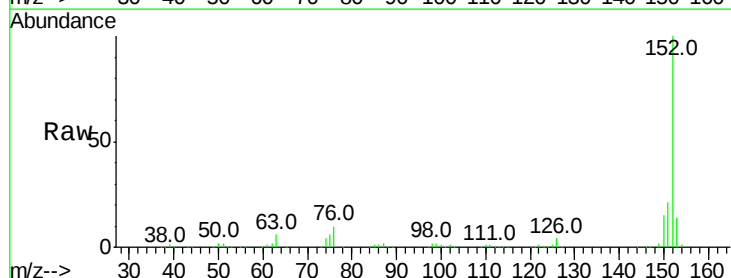
Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

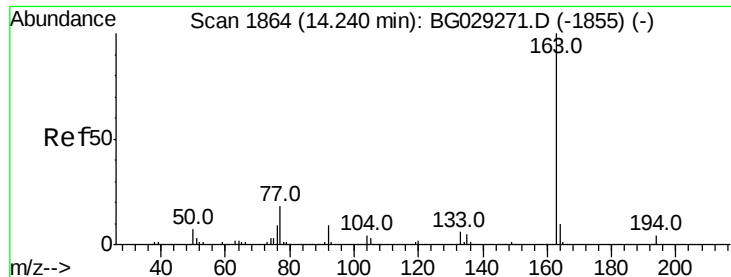
Tot Ion: 65 Resp: 103758
 Ion Ratio Lower Upper
 65 100
 92 69.6 54.6 82.0
 138 112.4 72.9 109.3#



#48
 Acenaphthylene
 Concen: 31.871 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion: 152 Resp: 514163
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.2 25.8
 153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 34.655 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

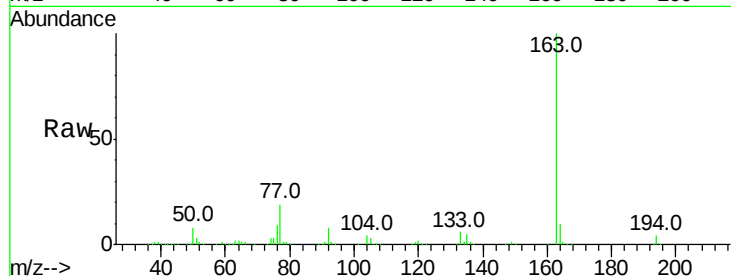
Tot Ion:163 Resp: 444555

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

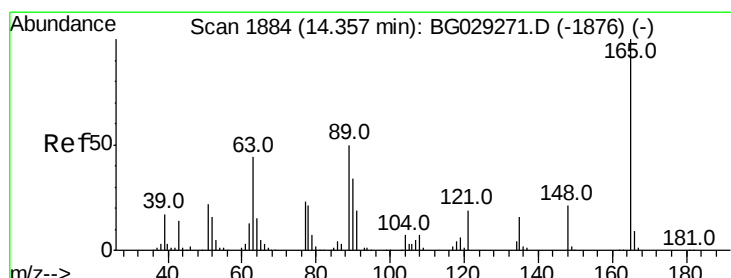
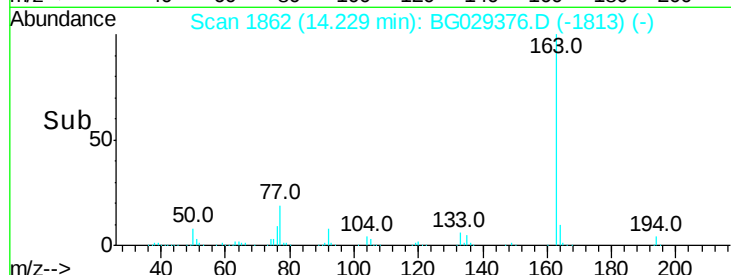
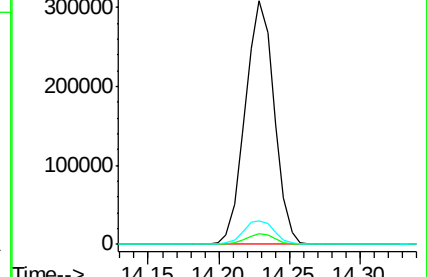
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.839 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

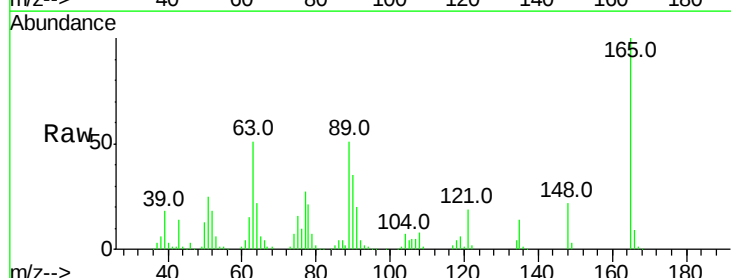
Tgt Ion:165 Resp: 99066

Ion Ratio Lower Upper

165 100

63 51.0 52.7 79.1#

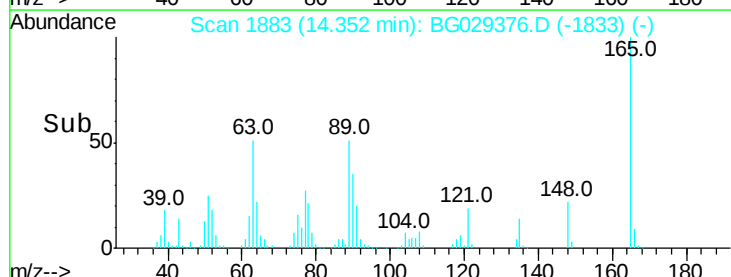
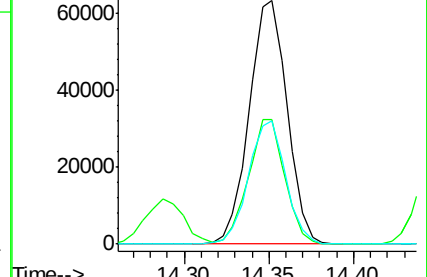
89 50.7 49.2 73.8

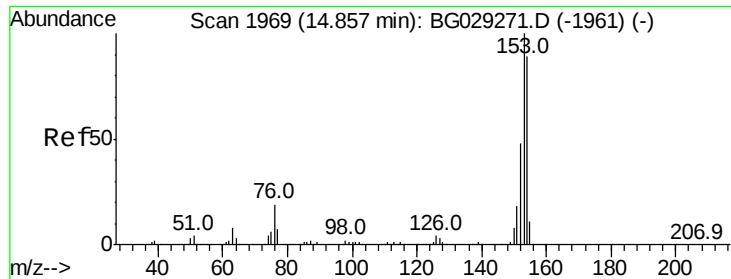


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 30.653 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

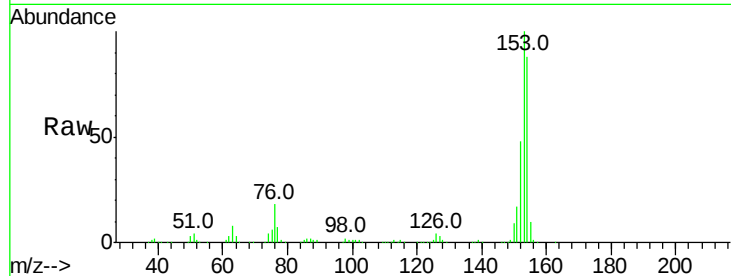
Tot Ion:154 Resp: 321752

Ion Ratio Lower Upper

154 100

153 113.3 90.4 135.6

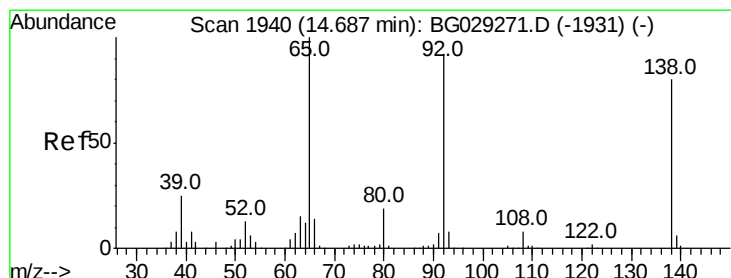
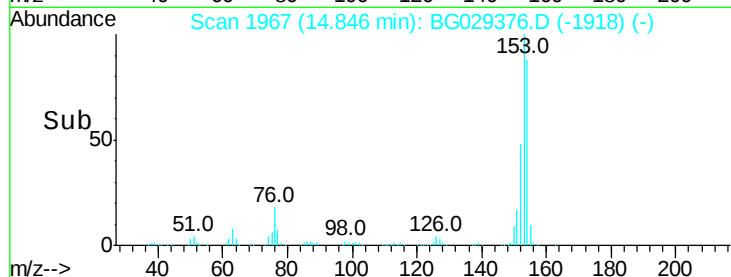
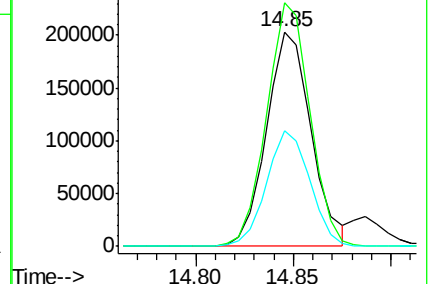
152 54.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.345 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

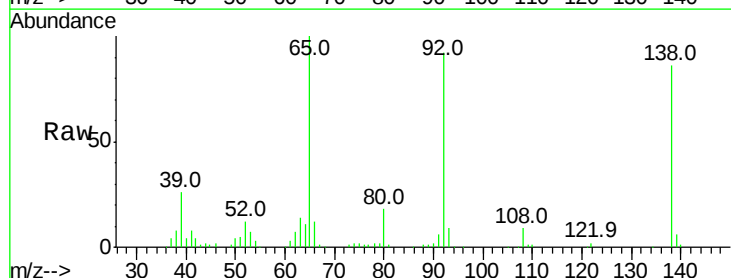
Tgt Ion:138 Resp: 70643

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

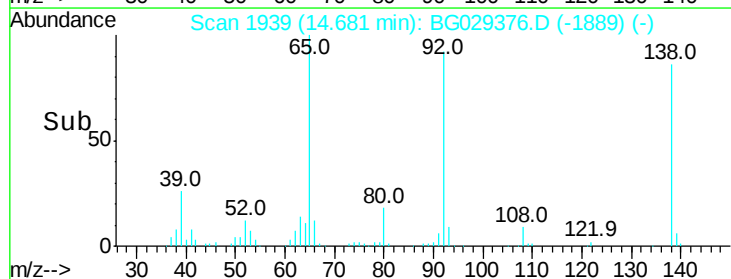
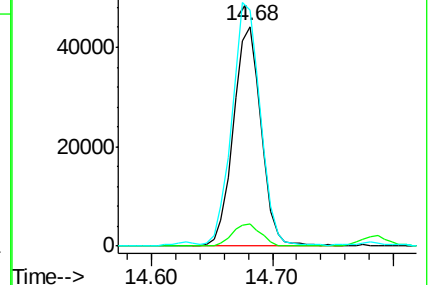
92 107.6 105.8 158.8

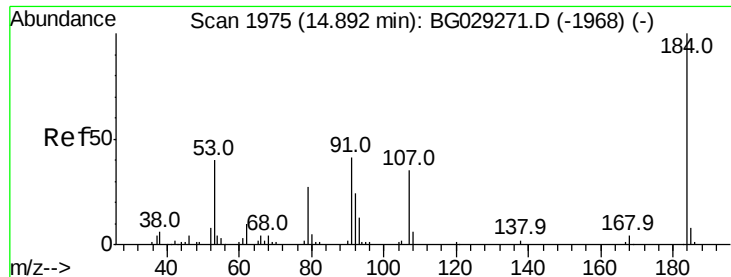


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

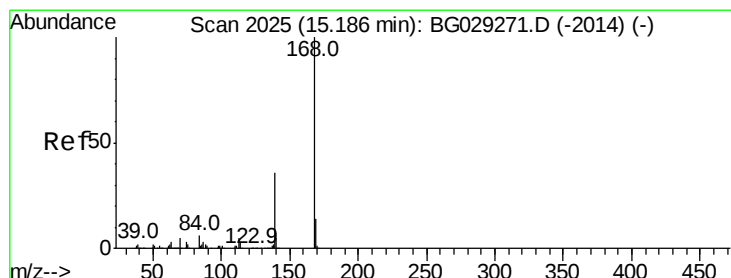
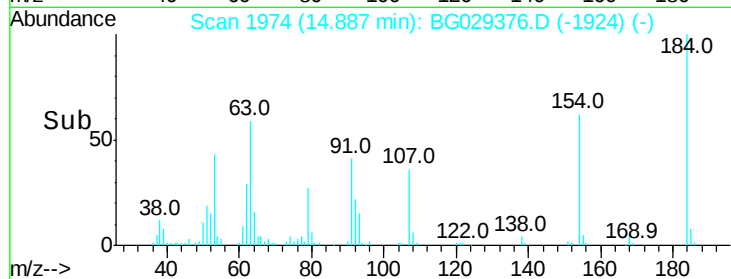
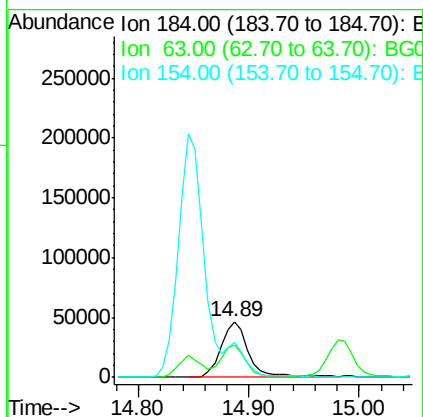
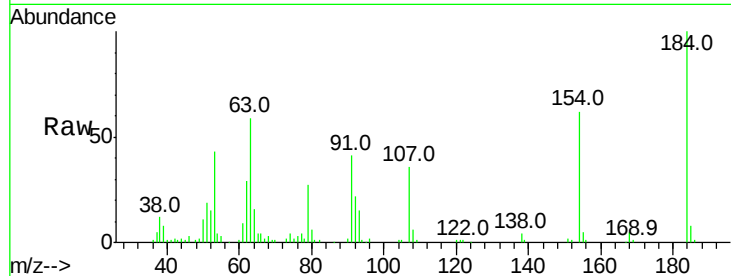




#53
 2,4-Dinitrophenol
 Concen: 57.301 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

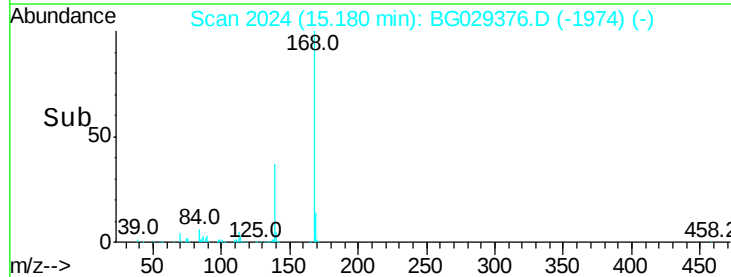
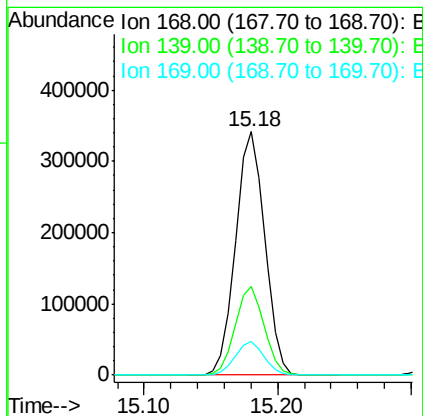
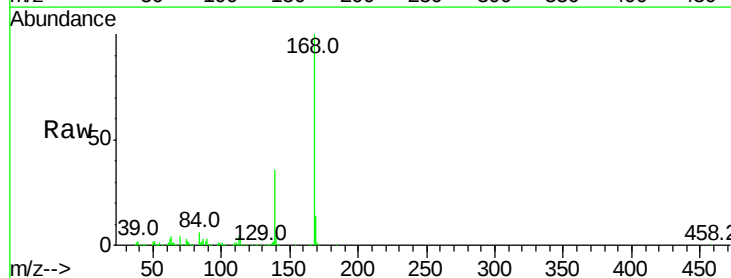
Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

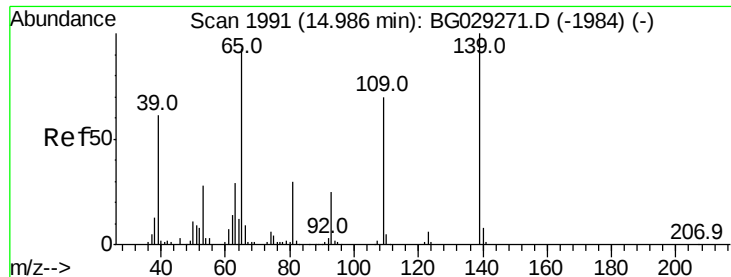
Tot Ion:184 Resp: 81816
 Ion Ratio Lower Upper
 184 100
 63 58.8 59.8 89.8#
 154 61.6 101.8 152.8#



#54
 Dibenzofuran
 Concen: 34.545 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion:168 Resp: 517642
 Ion Ratio Lower Upper
 168 100
 139 36.4 28.6 43.0
 169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 77.969 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

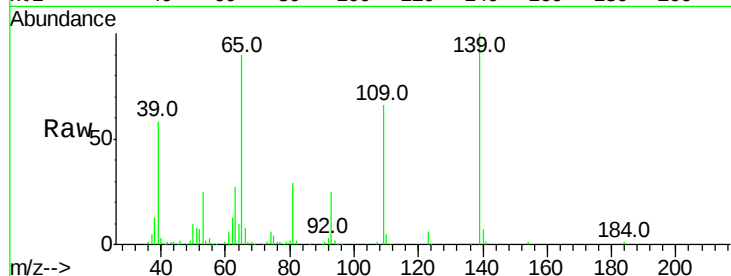
Tot Ion:139 Resp: 186526

Ion Ratio Lower Upper

139 100

109 66.3 62.2 102.2

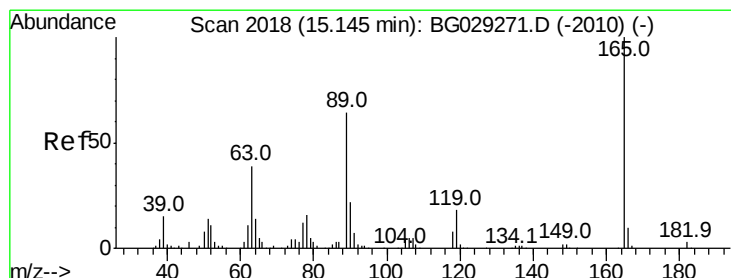
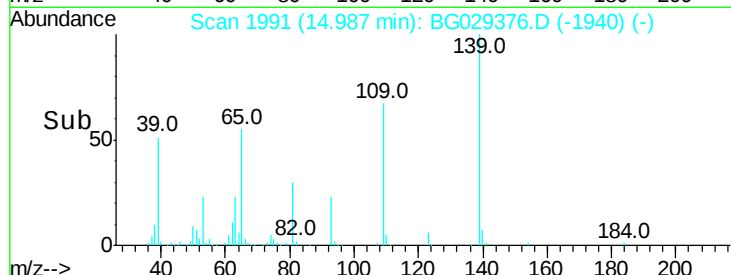
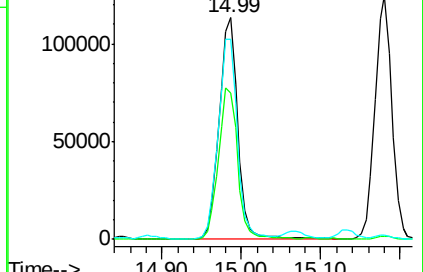
65 90.1 97.2 137.2#



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: 39.226 ng

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Tgt Ion:165 Resp: 142794

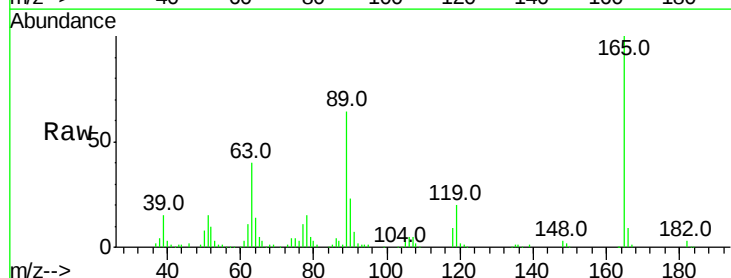
Ion Ratio Lower Upper

165 100

63 40.1 42.0 63.0#

89 63.7 66.9 100.3#

182 3.3 2.6 3.8

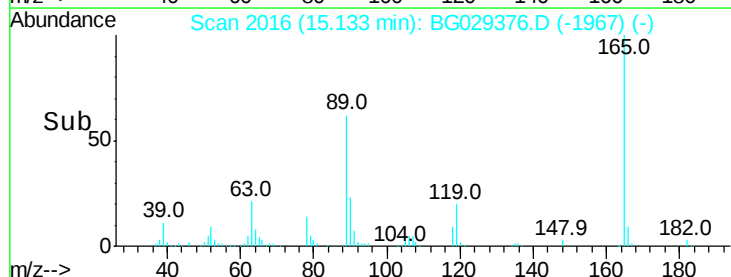
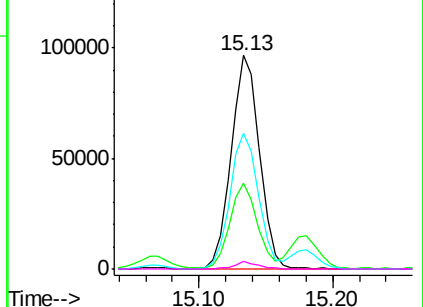


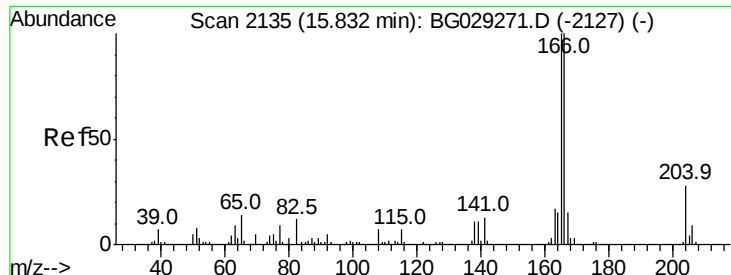
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

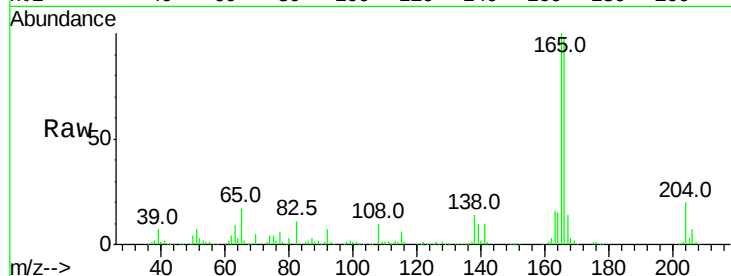




#57
Fluorene
 Concen: 34.102 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	80.6	121.0
167	14.4	10.4	15.6

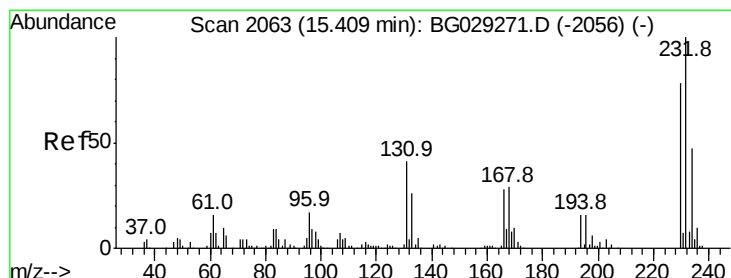
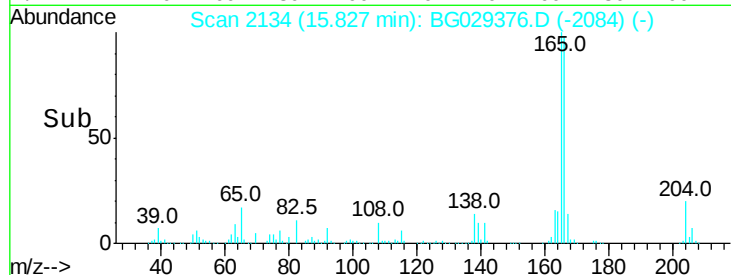
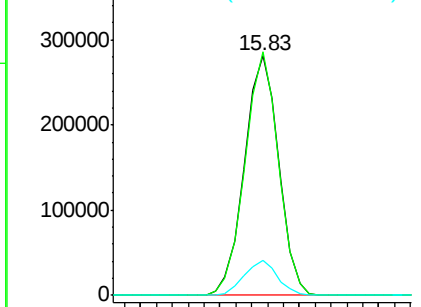


Abundance

Ion 166.00 (165.70 to 166.70): E

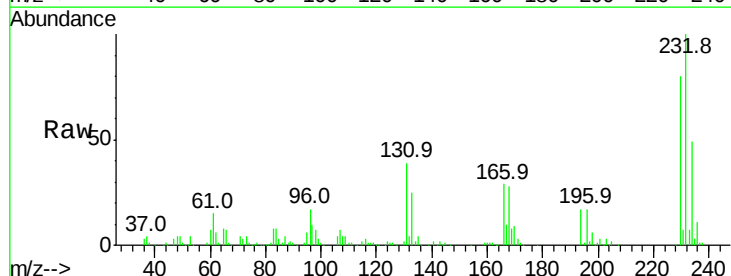
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.687 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.5	50.3
130	2.4	2.2	3.2
166	28.8	24.8	37.2



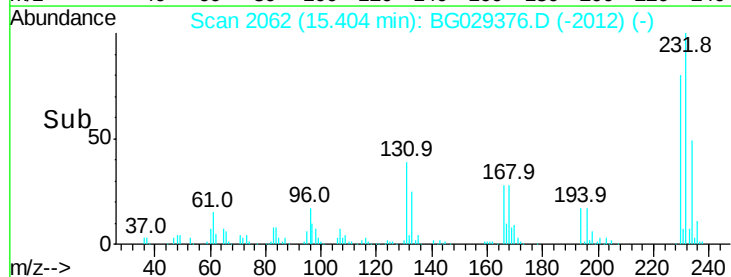
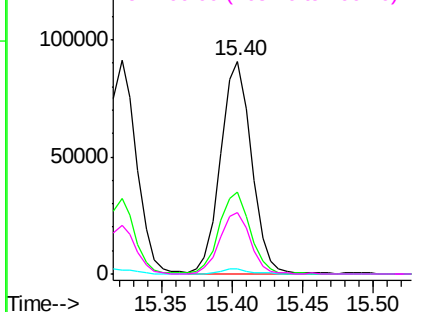
Abundance

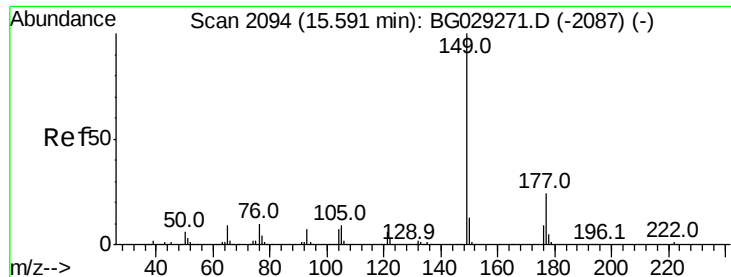
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

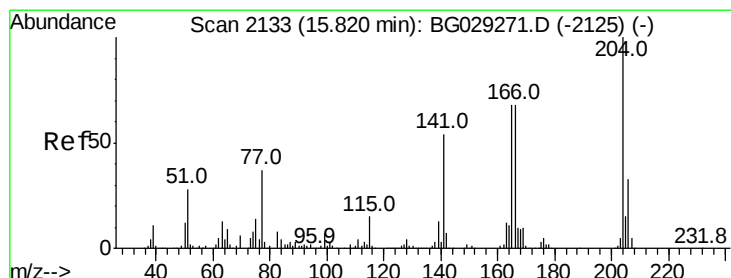
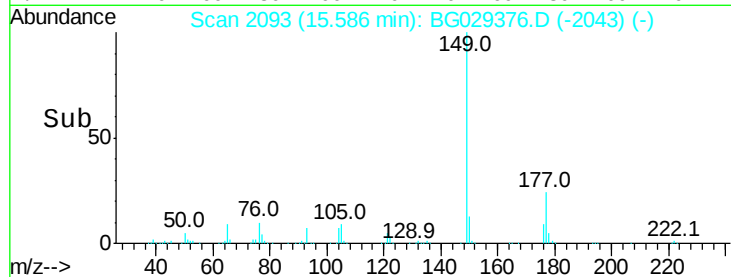
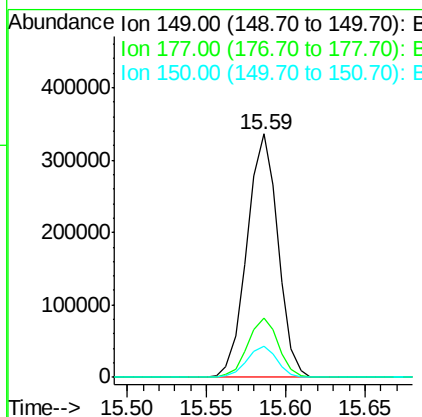
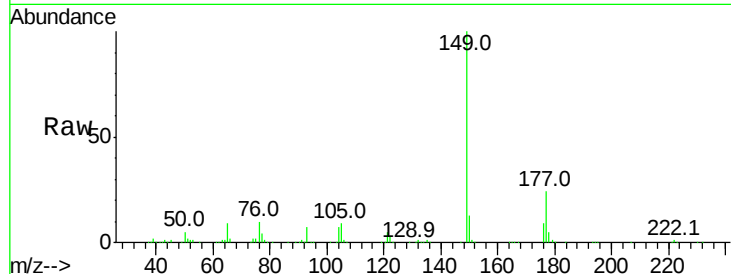




#59
Diethylphthalate
Concen: 35.637 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

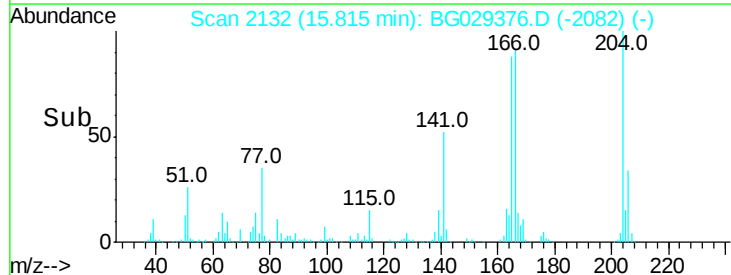
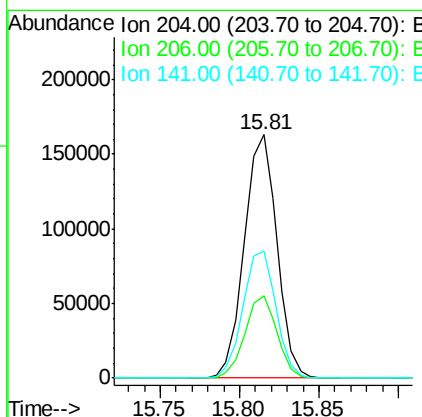
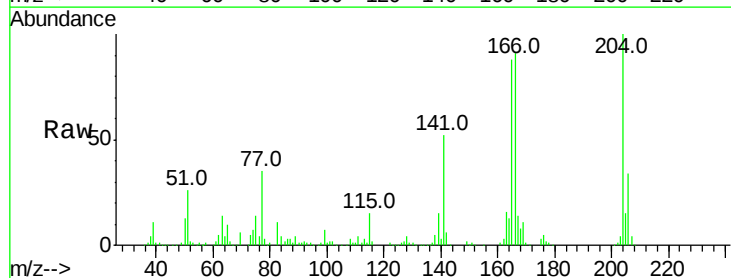
Instrument :
BNA_G
ClientSampleId :
PB103430BS

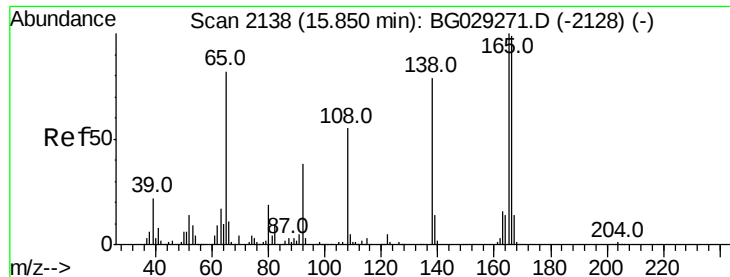
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.5	27.7
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.253 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	52.0	45.8	68.6





#61

4-Nitroaniline

Concen: 38.159 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

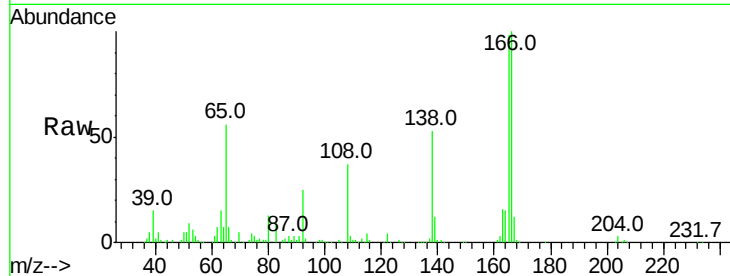
Tot Ion:138 Resp: 113701

Ion Ratio Lower Upper

138 100

92 47.0 40.1 80.1

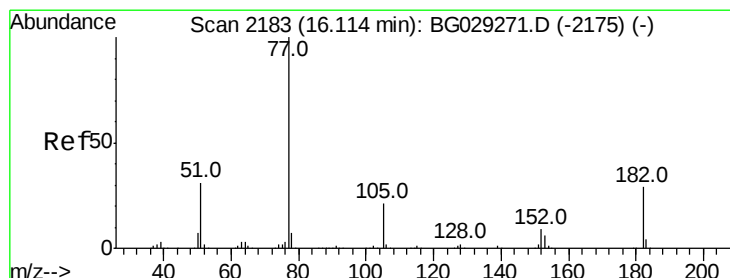
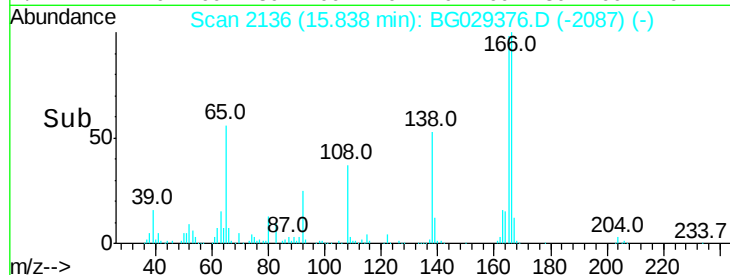
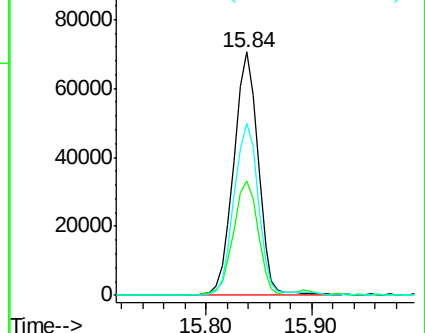
108 70.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.016 ng

RT: 16.10 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Tgt Ion: 77 Resp: 399060

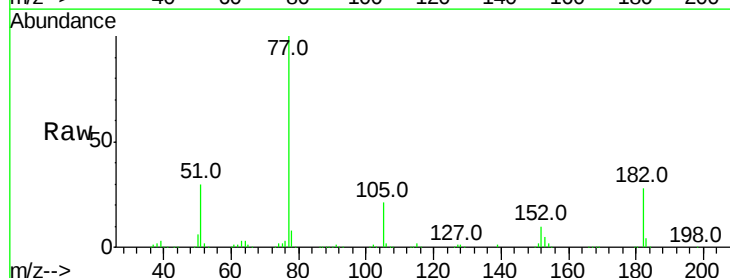
Ion Ratio Lower Upper

77 100

182 28.4 7.4 47.4

105 21.3 0.3 40.3

51 30.0 11.6 51.6

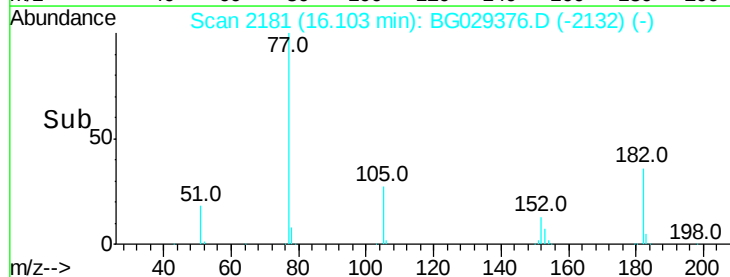
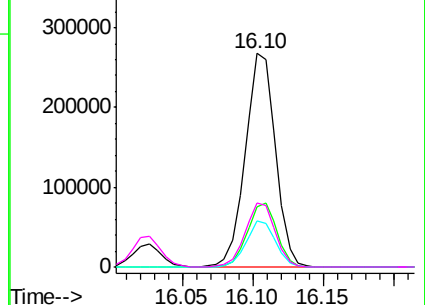


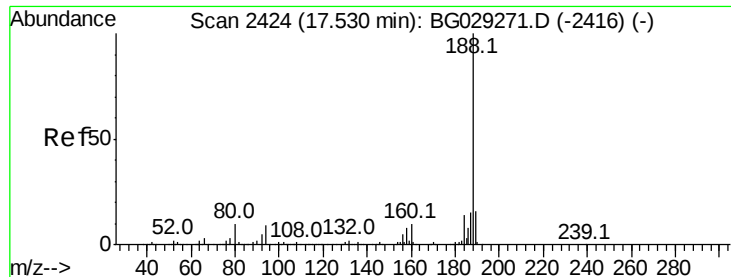
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

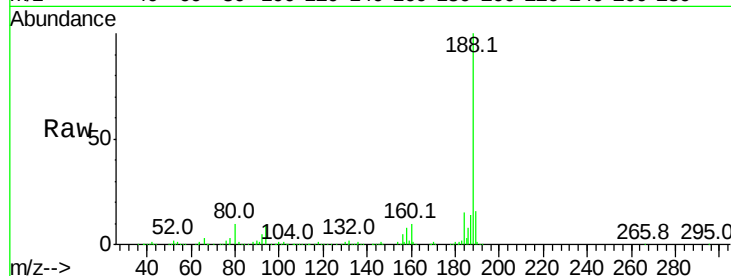
Tot Ion:188 Resp: 433139

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

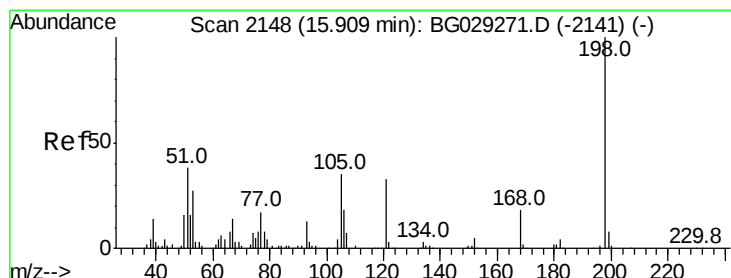
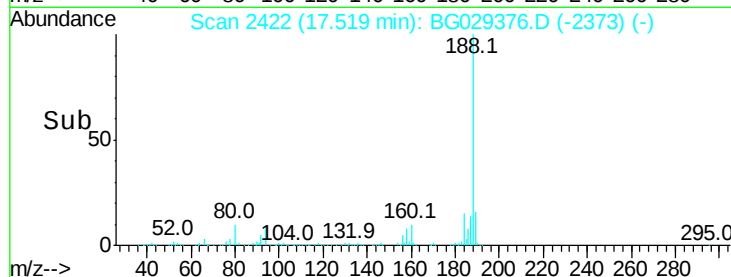
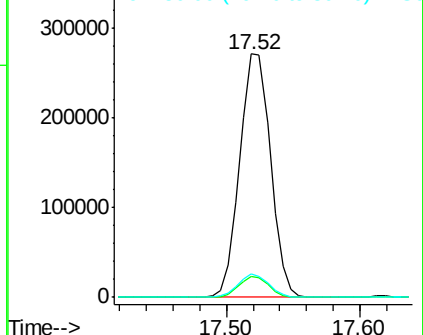
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 31.391 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

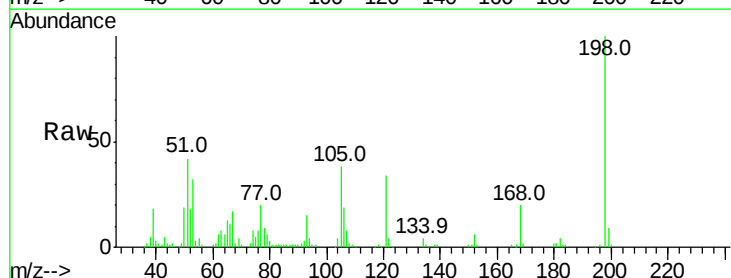
Tgt Ion:198 Resp: 72563

Ion Ratio Lower Upper

198 100

51 41.9 30.6 70.6

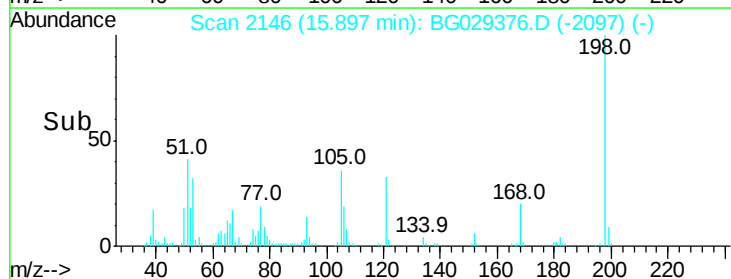
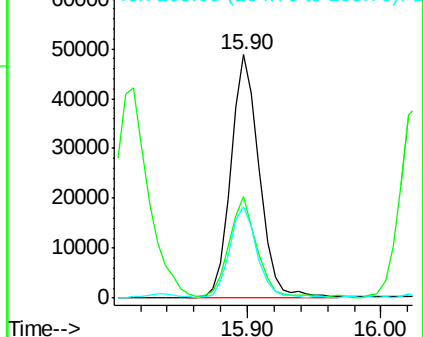
105 37.6 23.8 63.8

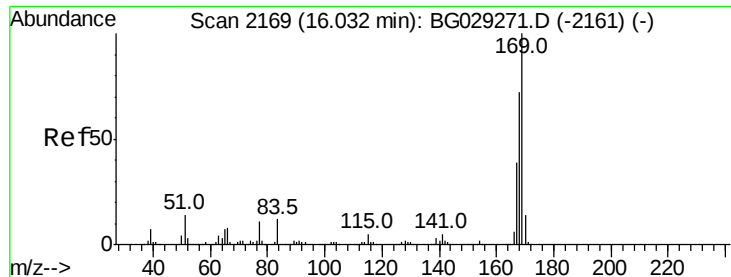


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 30.543 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

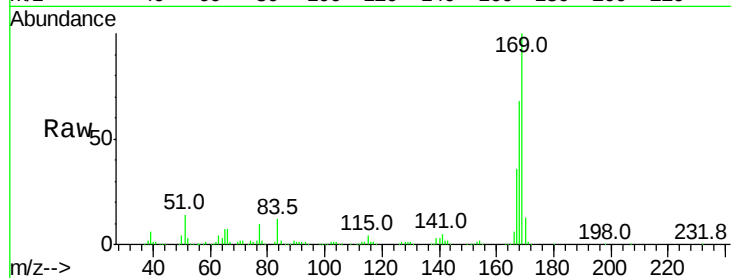
Tot Ion:169 Resp: 396296

Ion Ratio Lower Upper

169 100

168 67.8 55.7 83.5

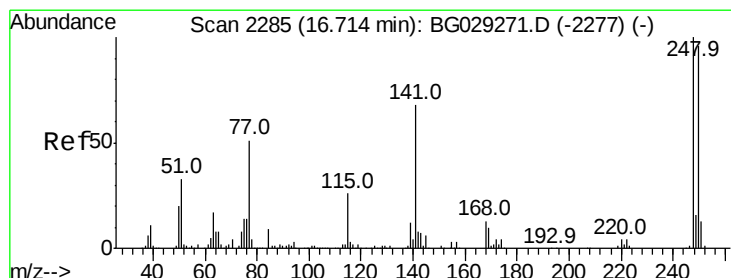
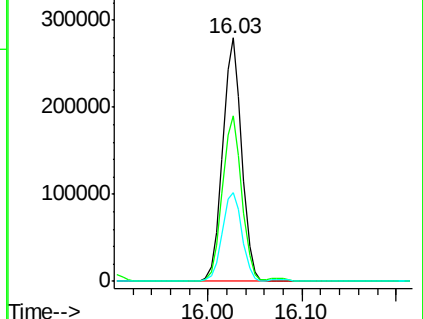
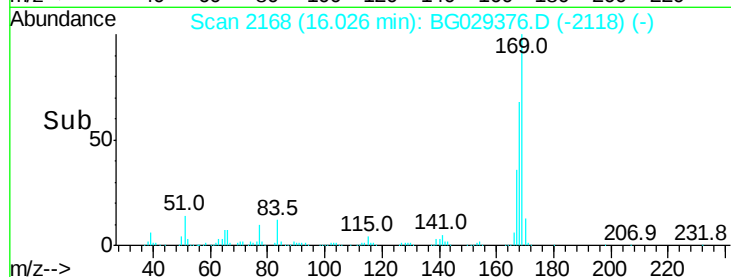
167 36.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.058 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

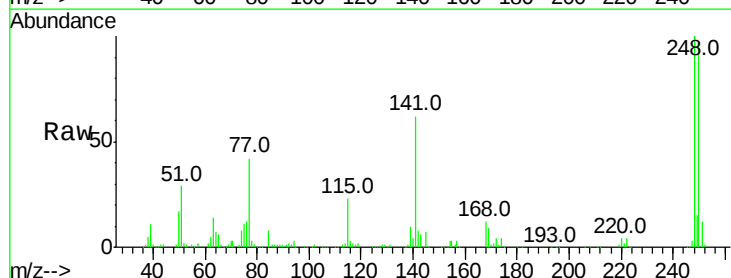
Tgt Ion:248 Resp: 159335

Ion Ratio Lower Upper

248 100

250 96.5 77.1 115.7

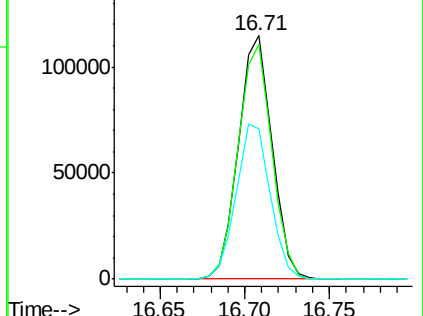
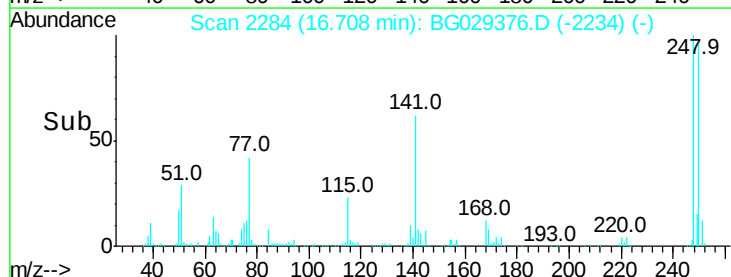
141 61.9 50.8 76.2

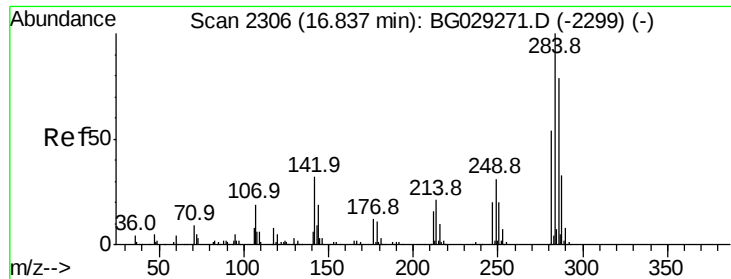


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

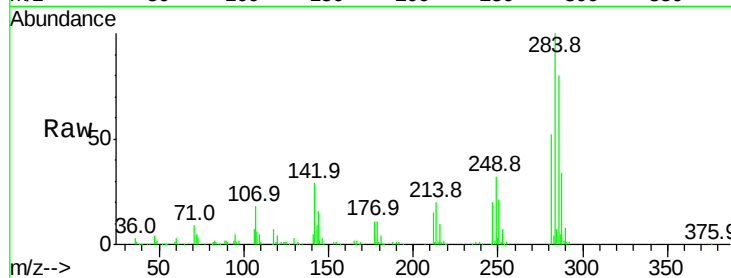




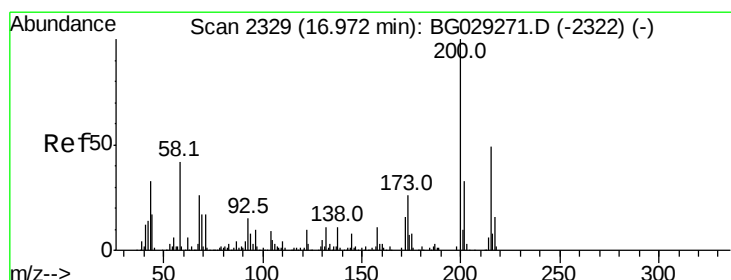
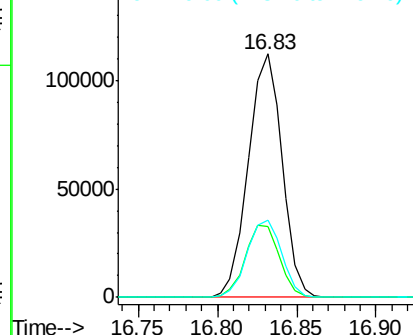
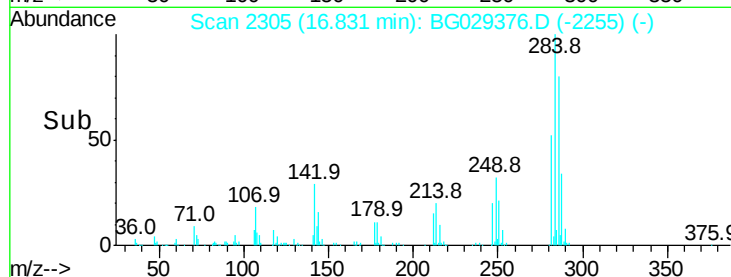
#67
Hexachlorobenzene
Concen: 29.561 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Instrument :
BNA_G
ClientSampleId :
PB103430BS

Tot Ion:284 Resp: 166423
Ion Ratio Lower Upper
284 100
142 28.9 26.8 40.2
249 31.8 26.3 39.5

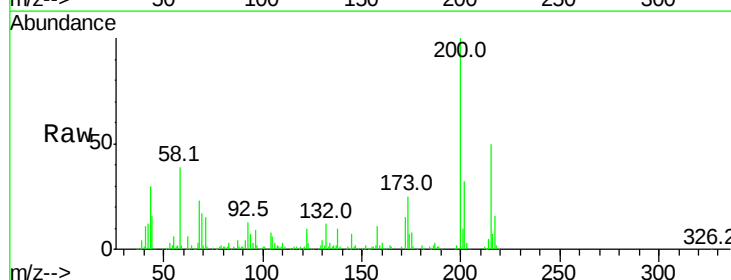


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

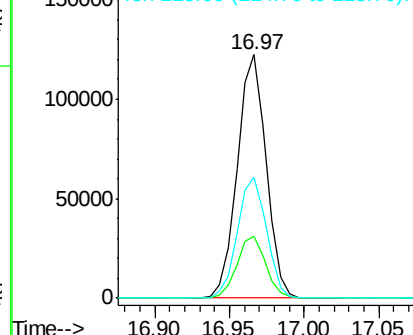
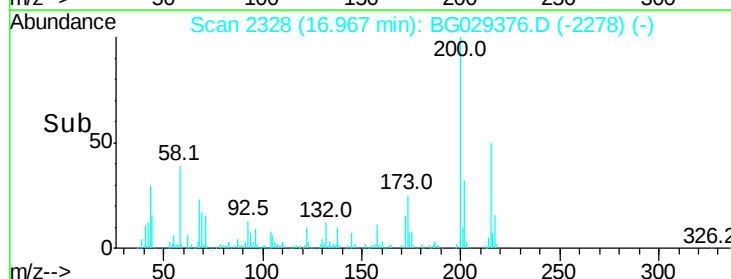


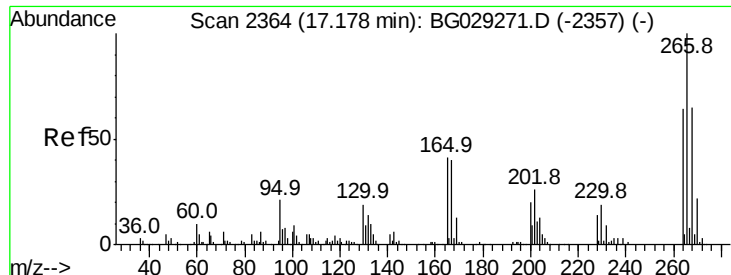
#68
Atrazine
Concen: 35.709 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion:200 Resp: 165321
Ion Ratio Lower Upper
200 100
173 25.4 5.2 45.2
215 49.7 30.4 70.4



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

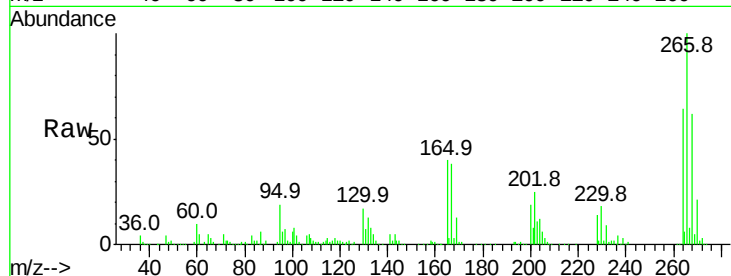




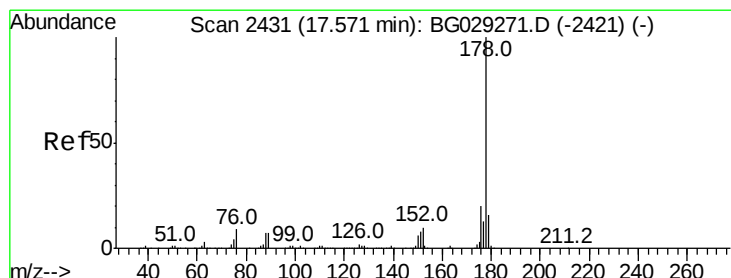
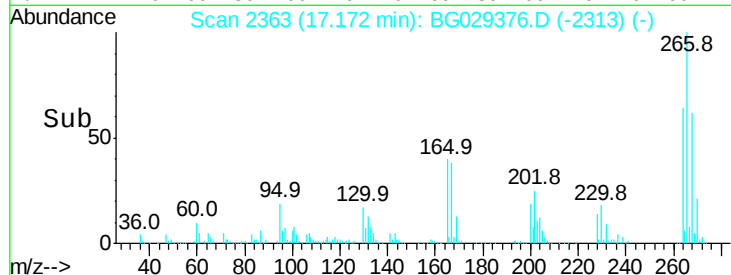
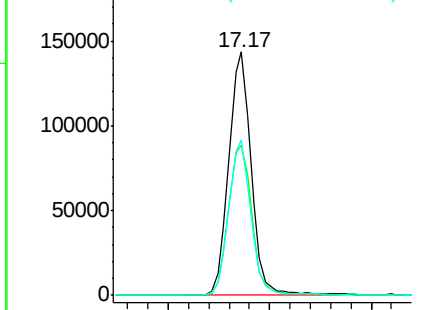
#69
 Pentachlorophenol
 Concen: 68.565 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

Tot Ion:	266	Resp:	221745
Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	63.6	49.6	74.4

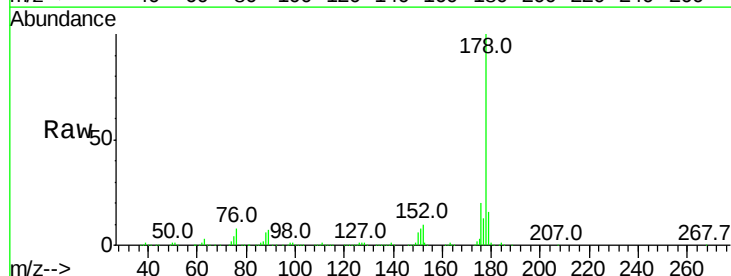


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

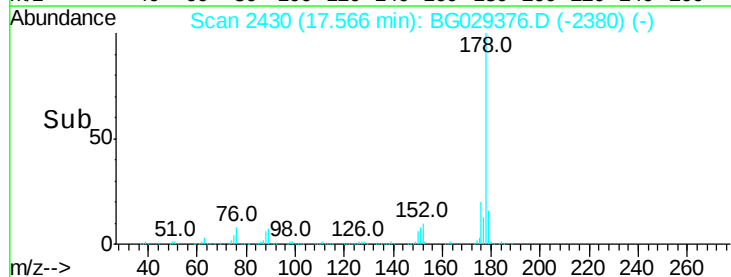
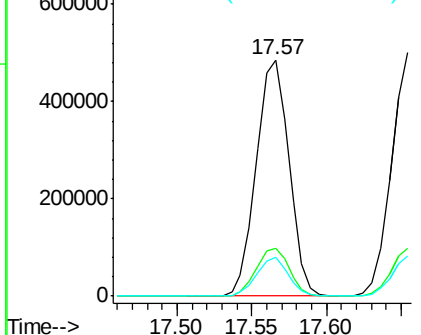


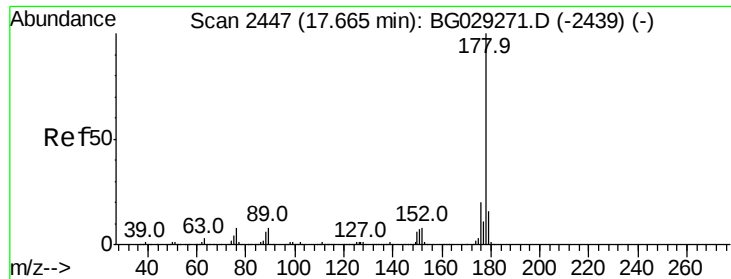
#70
 Phenanthrene
 Concen: 32.916 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion:	178	Resp:	736535
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.2	12.5	18.7



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

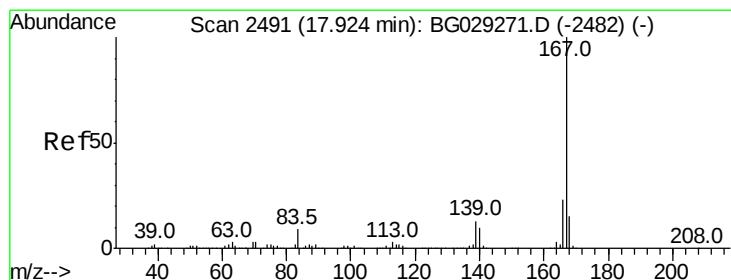
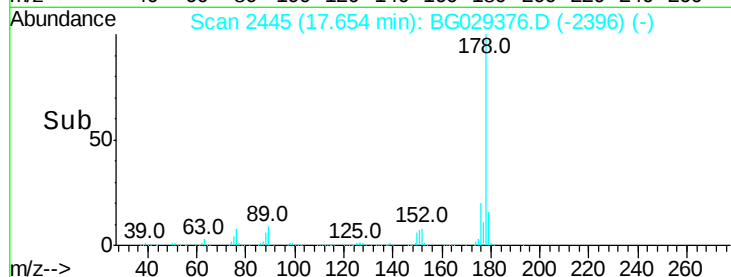
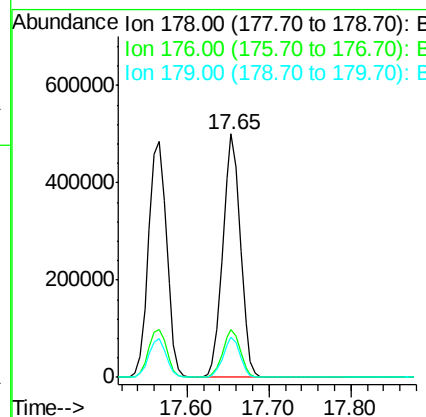
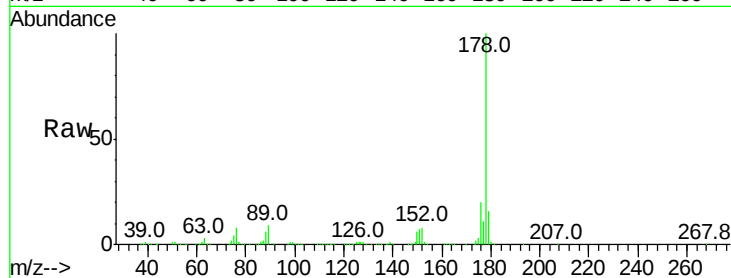




#71
 Anthracene
 Concen: 33.436 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

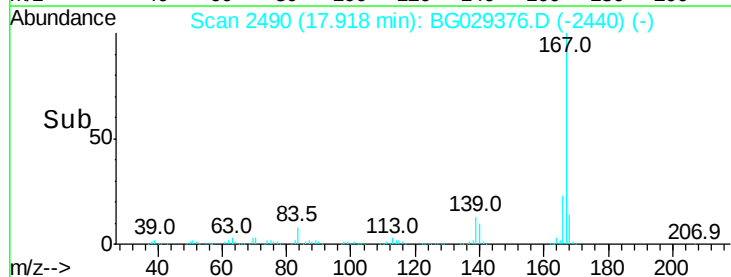
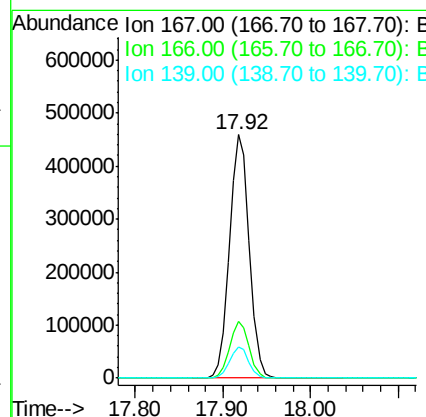
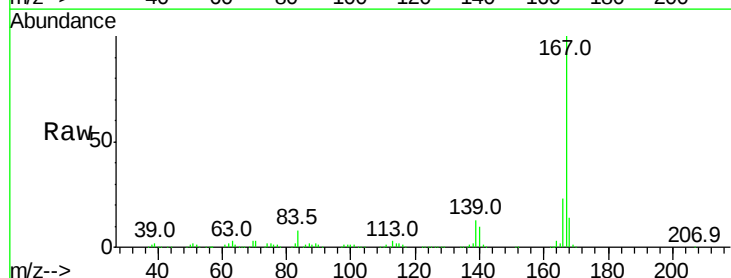
Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

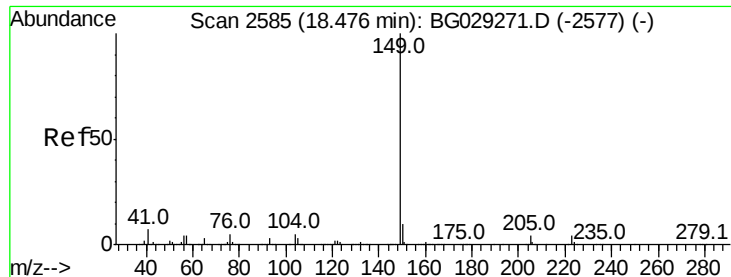
Tot Ion:178 Resp: 751247
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 32.942 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion:167 Resp: 710998
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.9 9.4 14.2

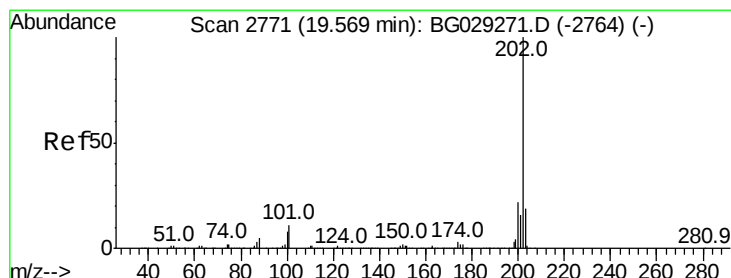
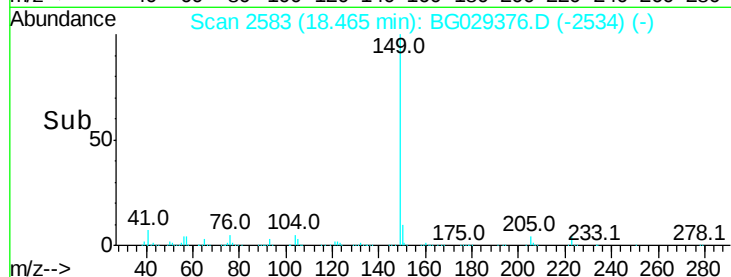
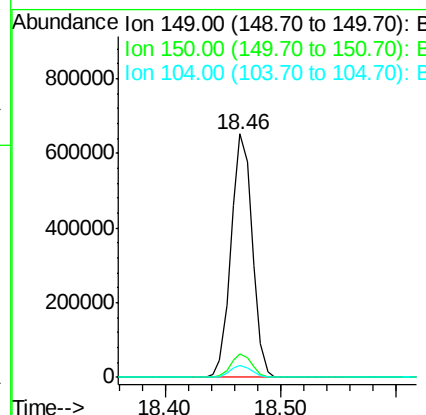
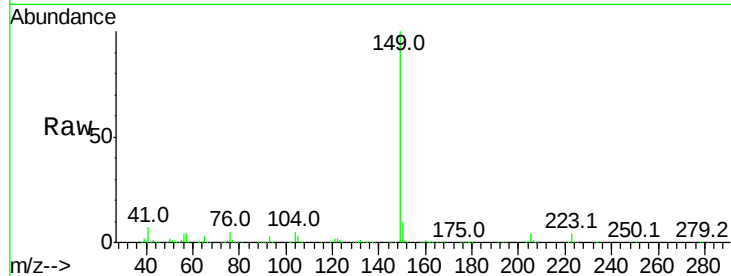




#73
Di-n-butylphthalate
Concen: 33.363 ng
RT: 18.46 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

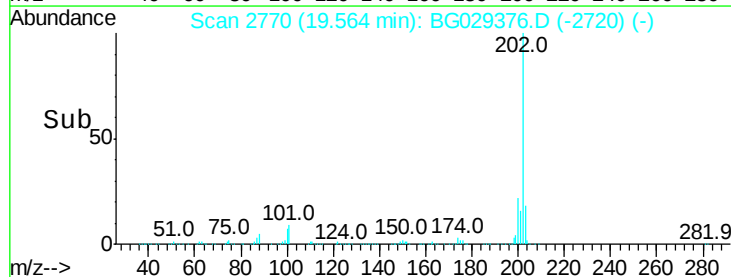
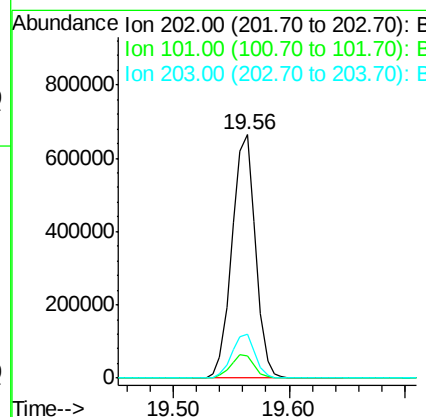
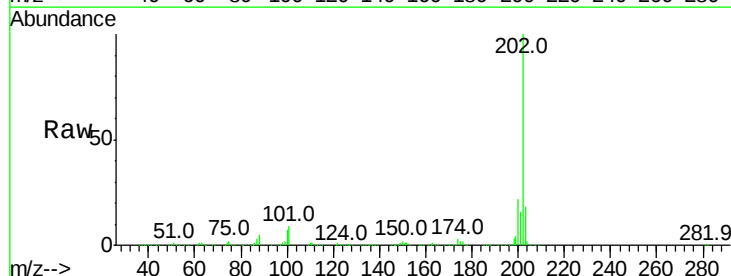
Instrument :
BNA_G
ClientSampleId :
PB103430BS

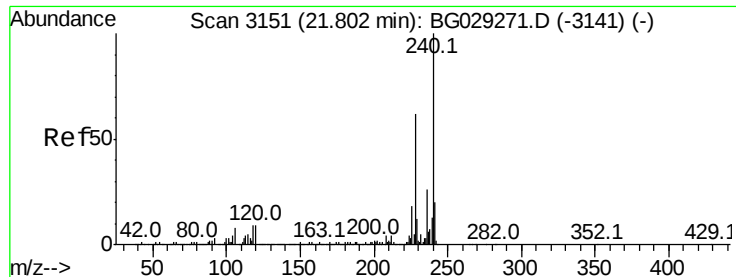
Tot Ion:149 Resp: 828191
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 35.607 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion:202 Resp: 931895
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

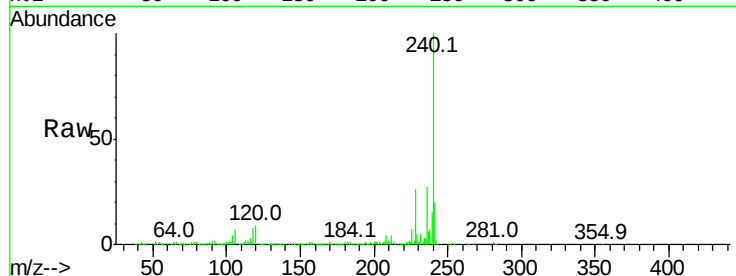
Tot Ion:240 Resp: 476786

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

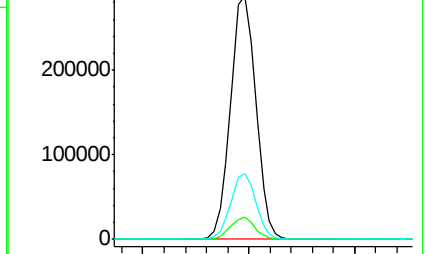
236 27.2 20.9 31.3



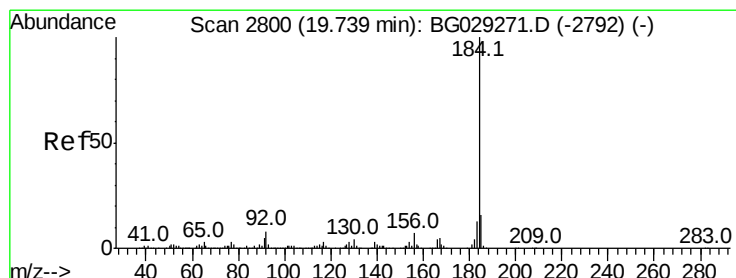
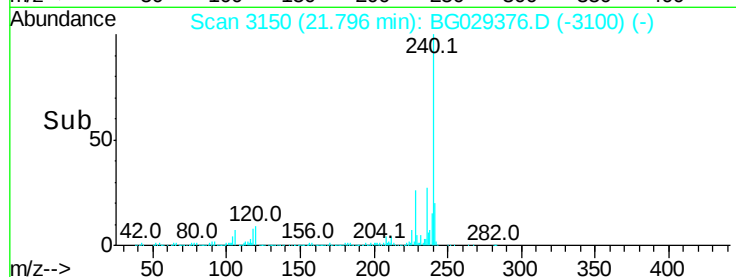
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 22.353 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

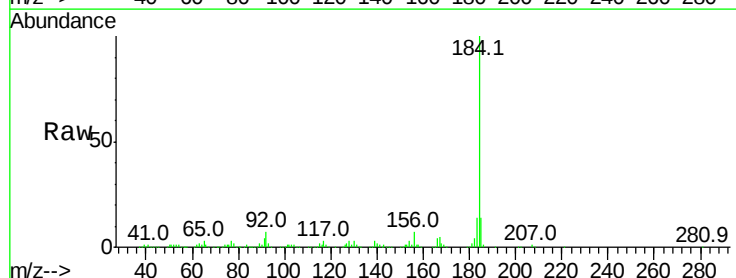
Tgt Ion:184 Resp: 321786

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

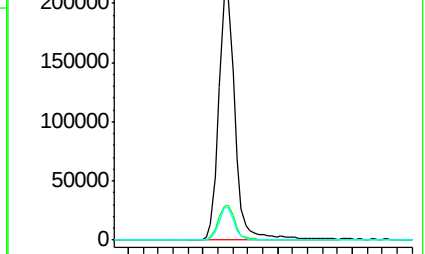
183 13.6 10.6 16.0



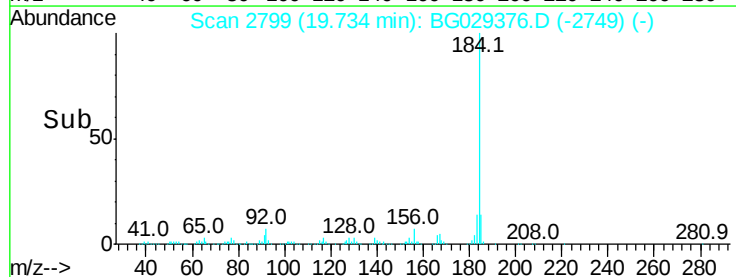
Abundance Ion 184.00 (183.70 to 184.70): E

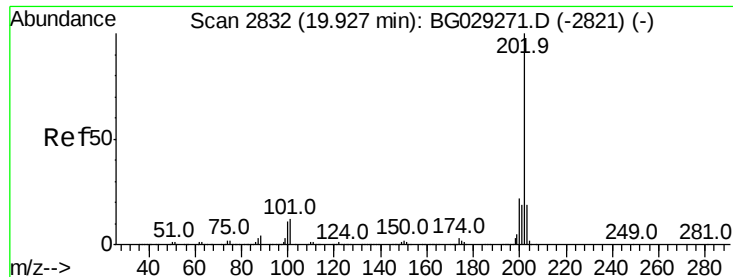
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 33.010 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

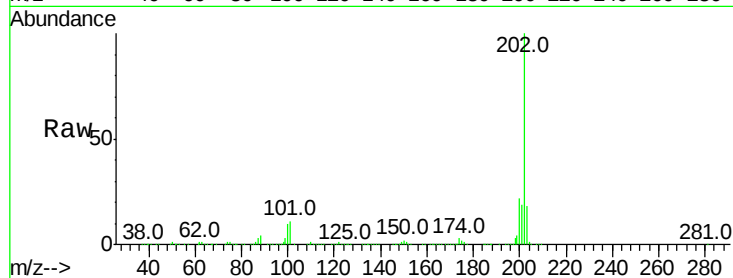
Tot Ion:202 Resp: 954741

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

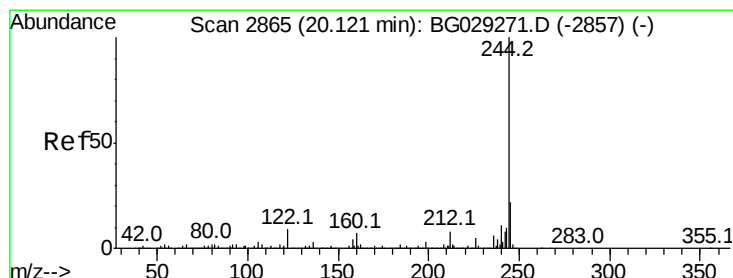
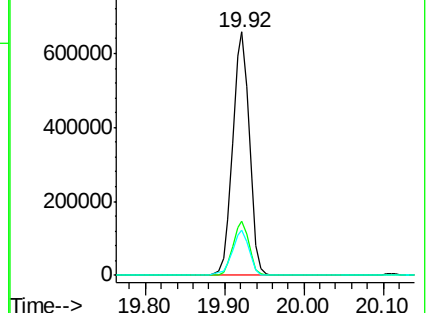
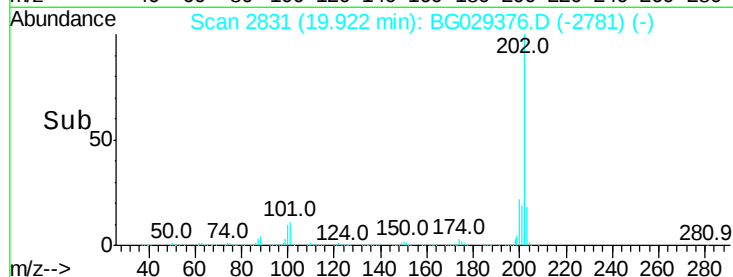
203 18.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.313 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

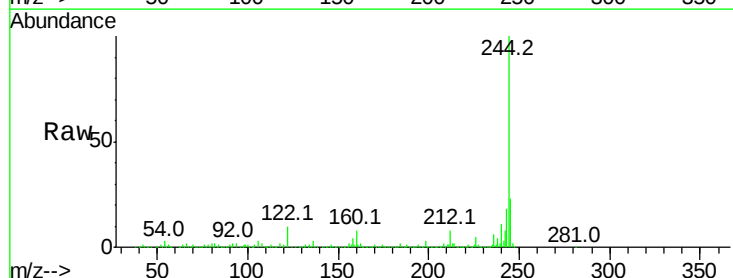
Tgt Ion:244 Resp: 1452670

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

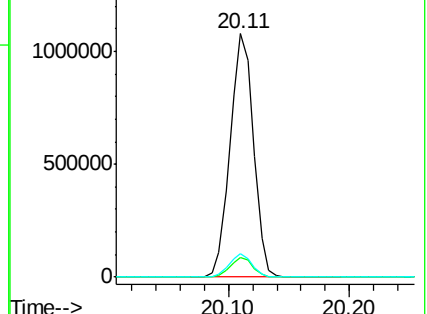
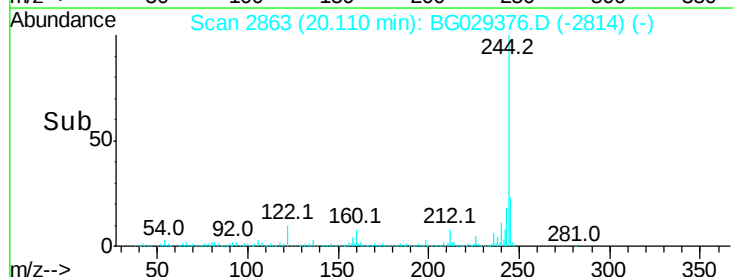
122 9.6 7.0 10.4

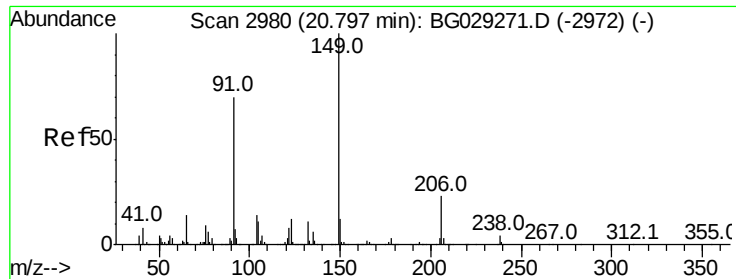


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

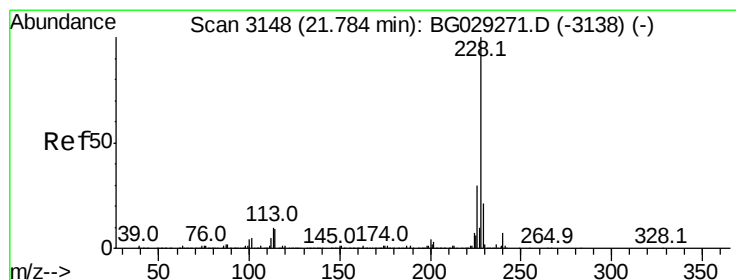
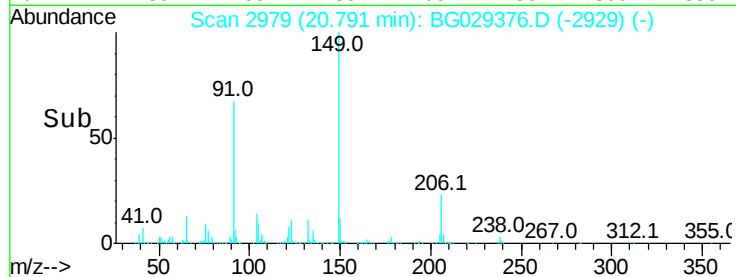
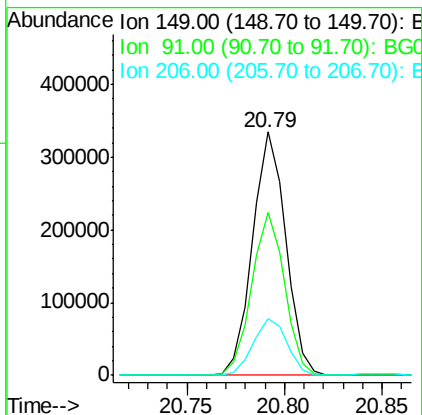
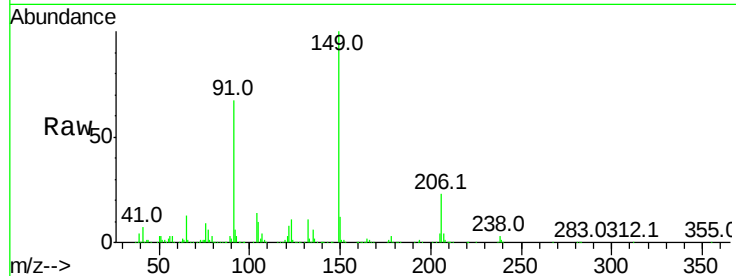




#79
Butylbenzylphthalate
Concen: 31.948 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

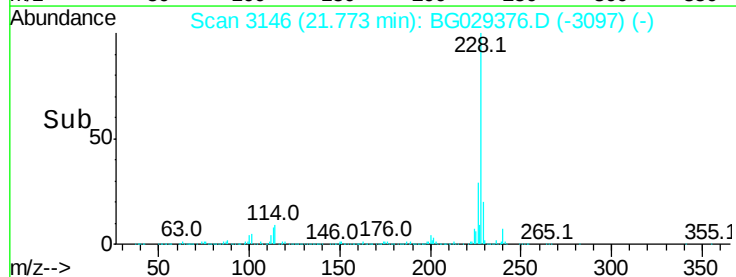
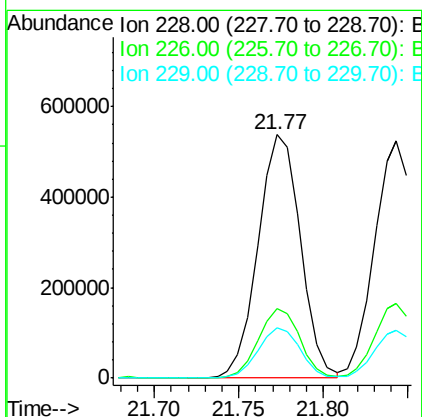
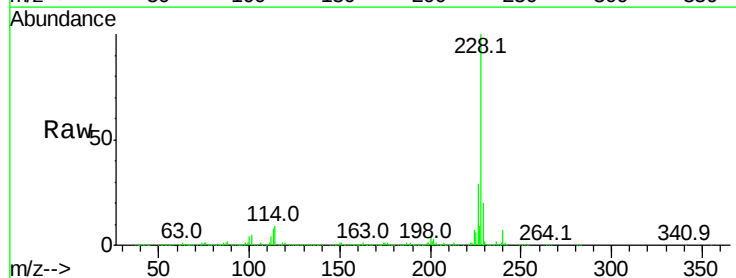
Instrument :
BNA_G
ClientSampleId :
PB103430BS

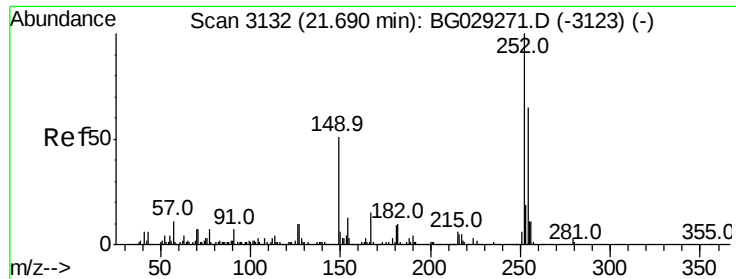
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.1	62.2	93.2
206	23.4	18.6	27.8



#80
Benzo(a)anthracene
Concen: 33.492 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029376.D
Acq: 20 Oct 2017 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.4	16.2	24.2

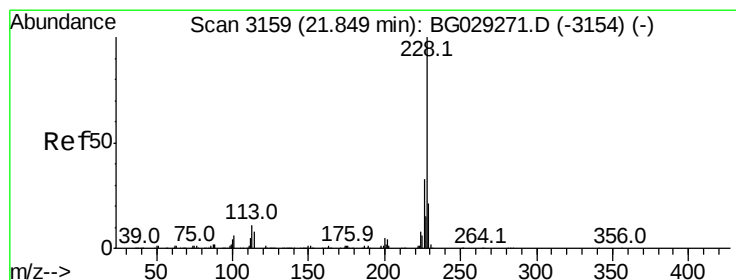
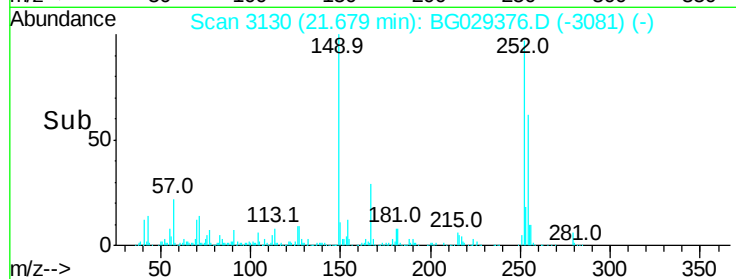
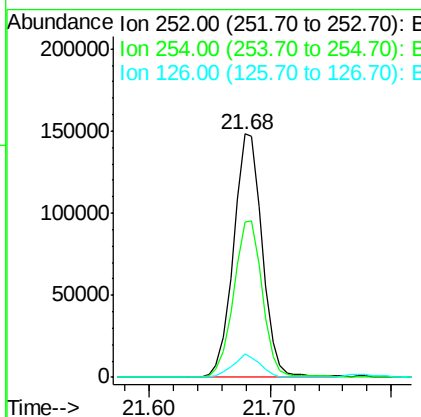
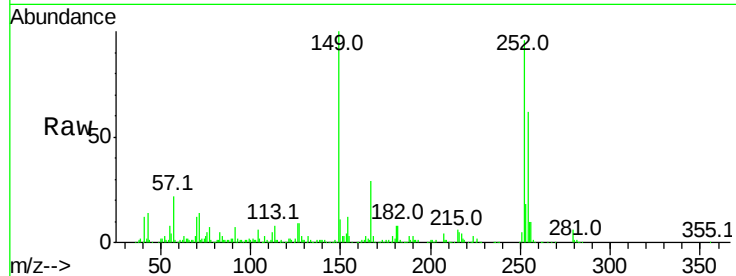




#81
 3,3'-Dichlorobenzidine
 Concen: 21.258 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

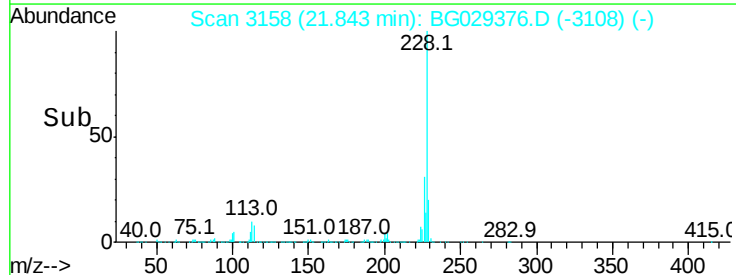
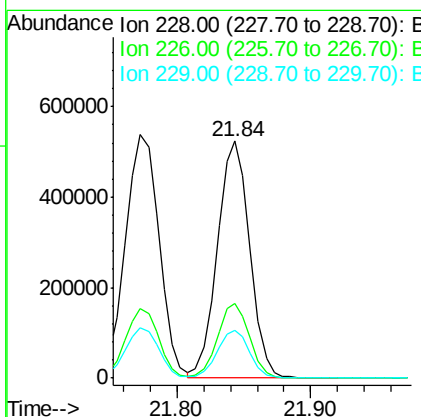
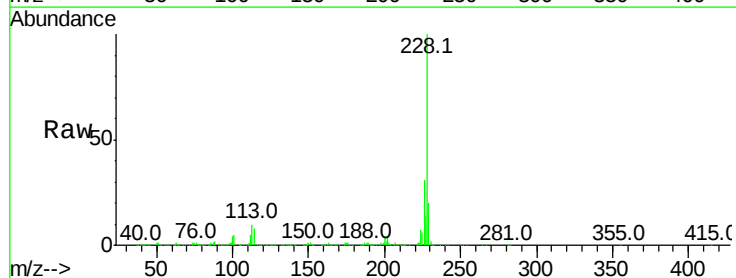
Instrument :
 BNA_G
 ClientSampleId :
 PB103430BS

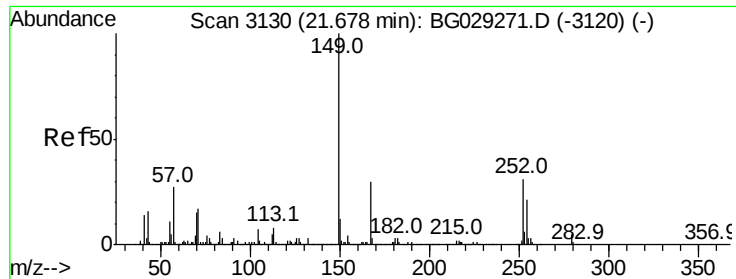
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.8	76.2
126	9.6	7.4	11.2



#82
 Chrysene
 Concen: 33.012 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG029376.D
 Acq: 20 Oct 2017 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.814 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

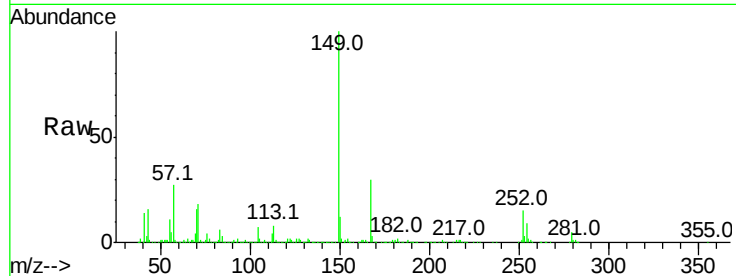
Tot Ion:149 Resp: 544929

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	5.2	4.0	6.0

149 100

167 30.3 24.3 36.5

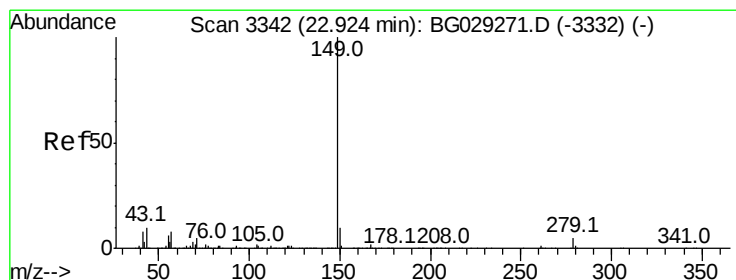
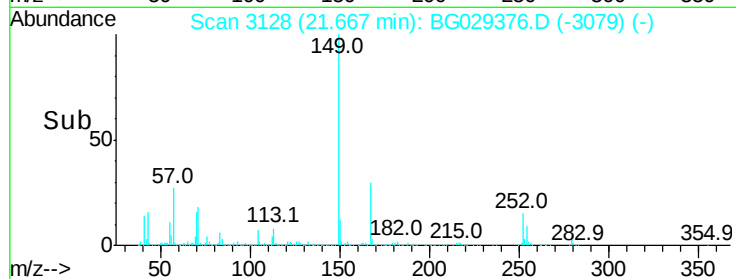
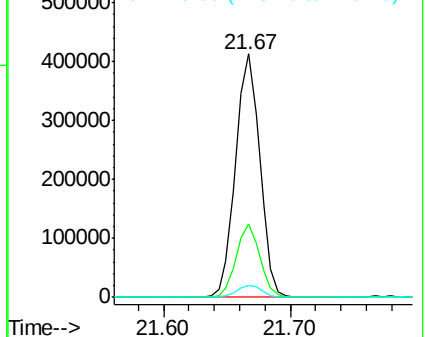
279 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.596 ng

RT: 22.91 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

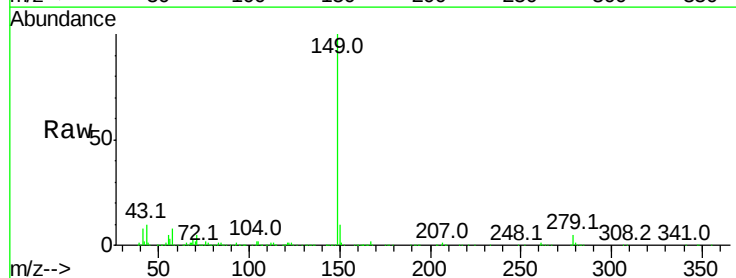
Tgt Ion:149 Resp: 942990

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.9	8.9	13.3

149 100

167 1.8 1.4 2.0

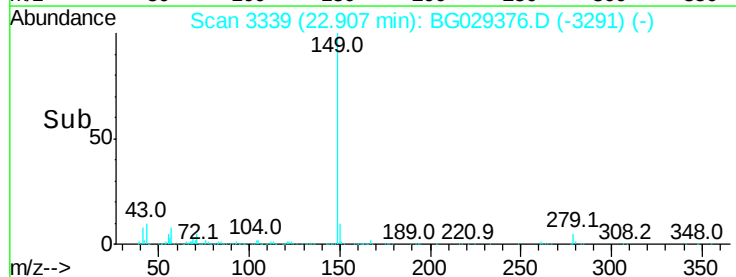
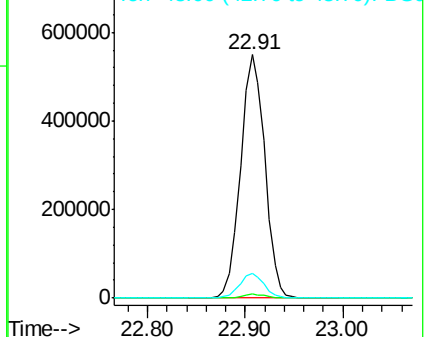
43 9.9 8.9 13.3

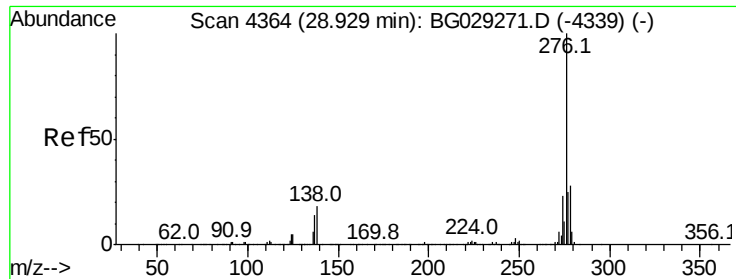


Abundance Ion 149.00 (148.70 to 149.70): E

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: 34.044 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.04 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

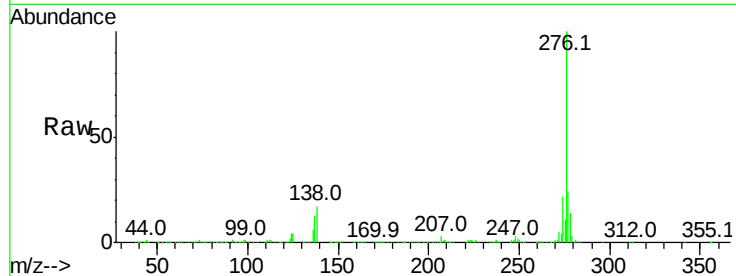
Tot Ion:276 Resp: 1122819

Ion Ratio Lower Upper

276 100

138 20.9 16.0 24.0

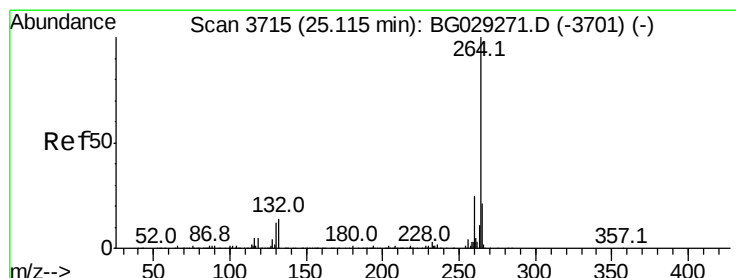
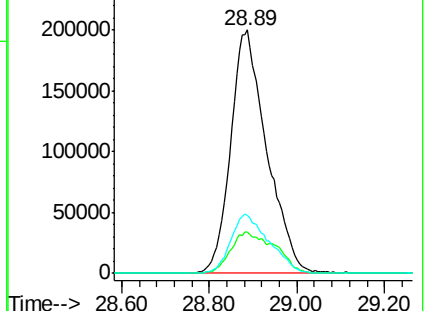
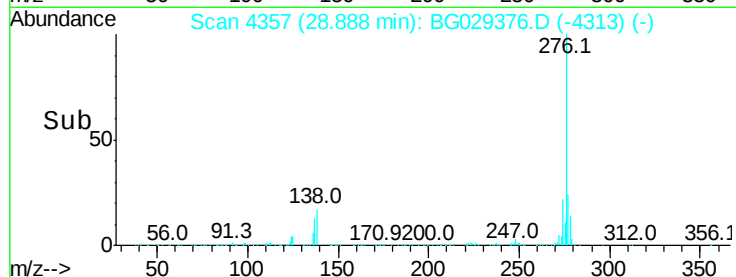
277 25.8 20.0 30.0



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: BG029376.D

Acq: 20 Oct 2017 17:27

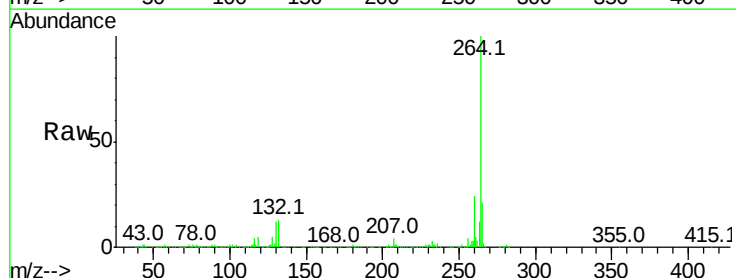
Tgt Ion:264 Resp: 496909

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

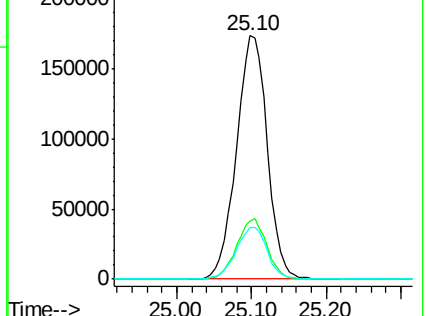
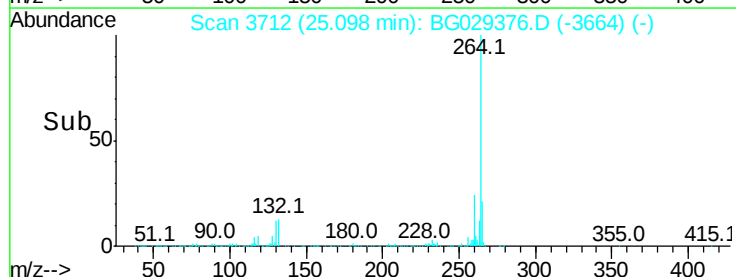
265 21.0 17.7 26.5

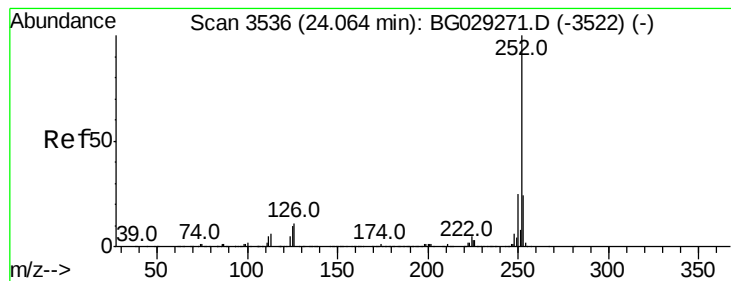


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 33.160 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

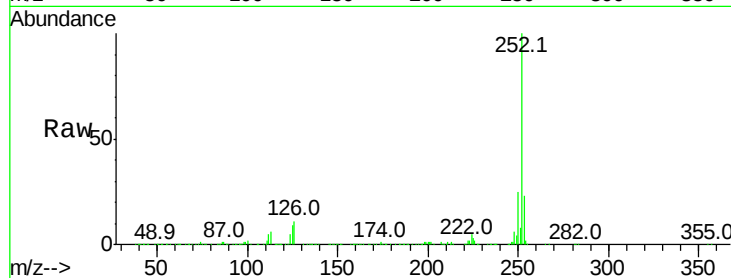
Tot Ion:252 Resp: 943353

Ion Ratio Lower Upper

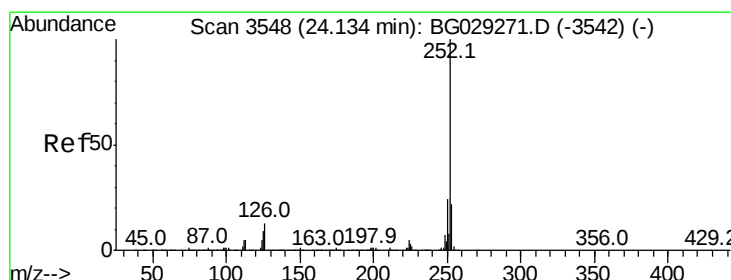
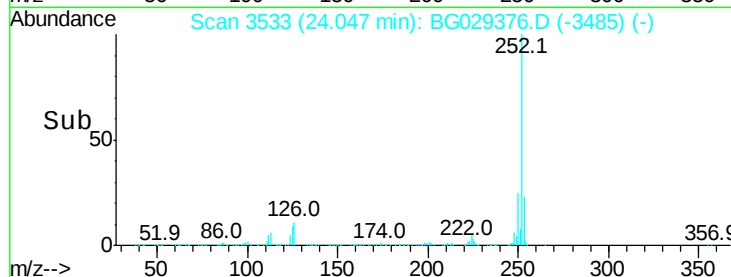
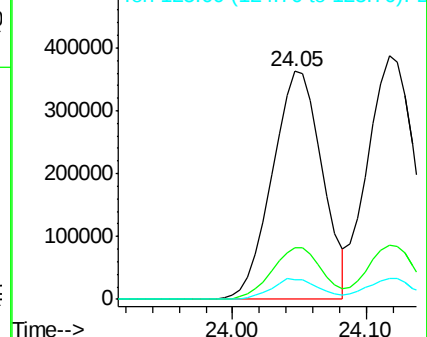
252 100

253 22.9 18.2 27.4

125 8.7 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: 33.262 ng

RT: 24.12 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

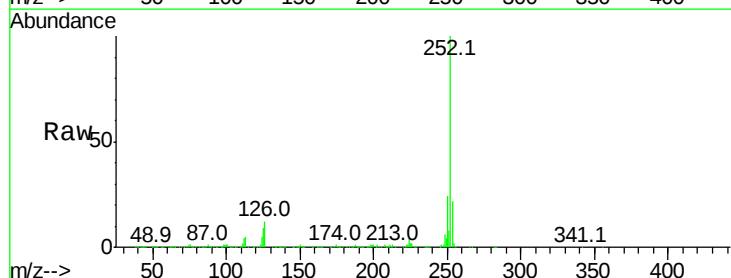
Tgt Ion:252 Resp: 942712

Ion Ratio Lower Upper

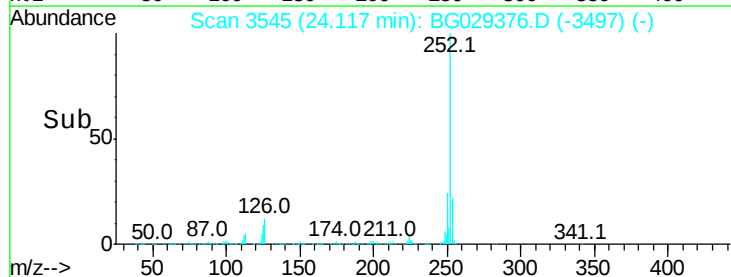
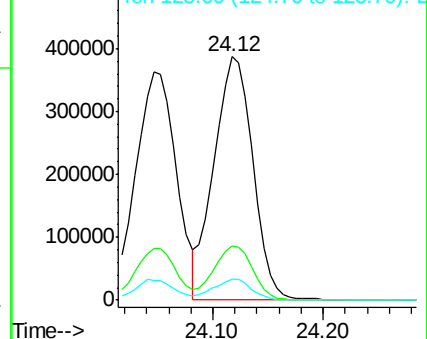
252 100

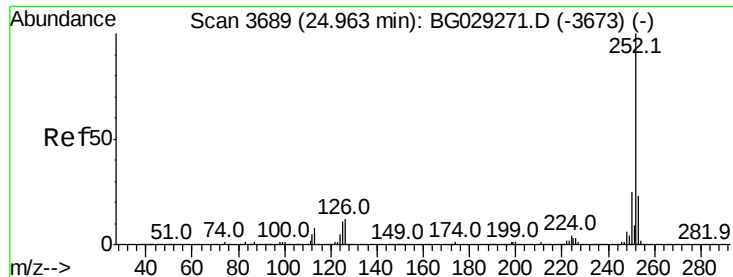
253 22.2 17.4 26.2

125 8.6 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: 33.685 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

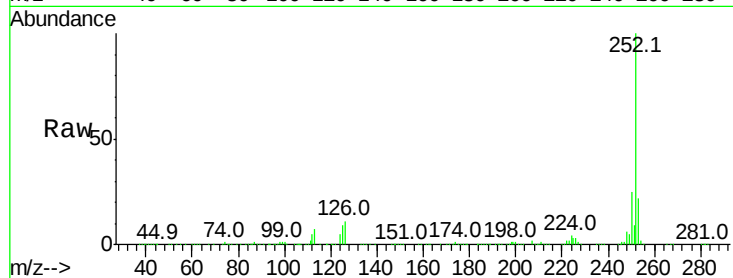
Tot Ion:252 Resp: 921248

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

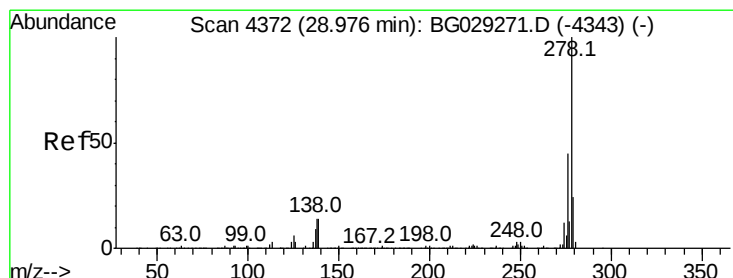
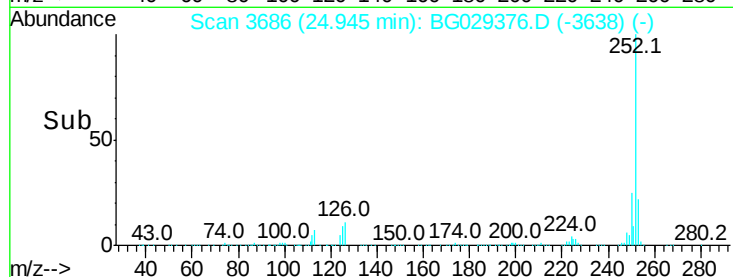
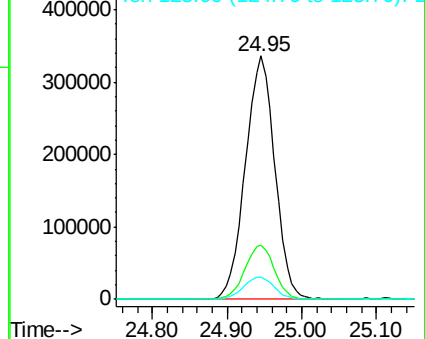
125 9.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.509 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.03 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

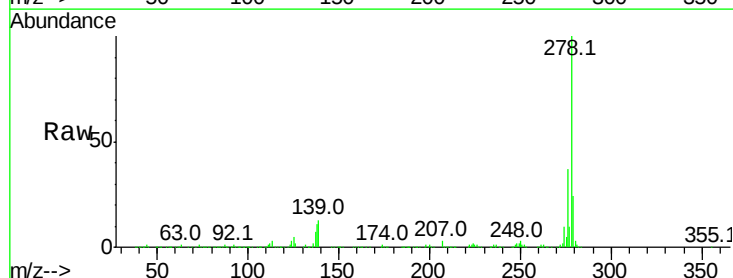
Tgt Ion:278 Resp: 927797

Ion Ratio Lower Upper

278 100

139 13.3 9.8 14.6

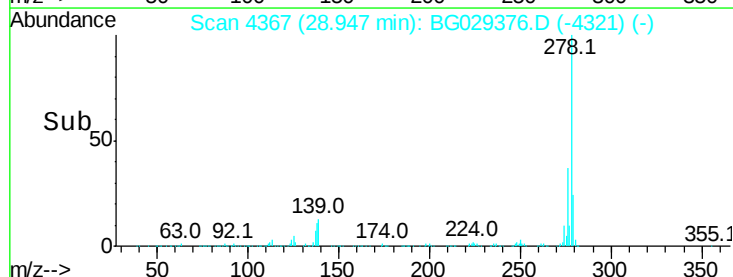
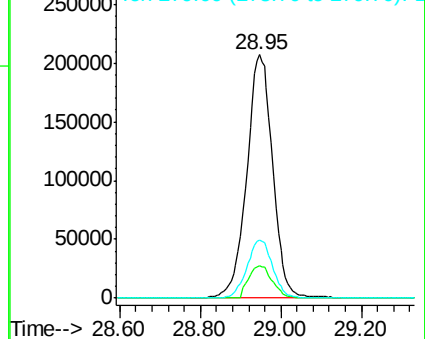
279 23.9 18.4 27.6

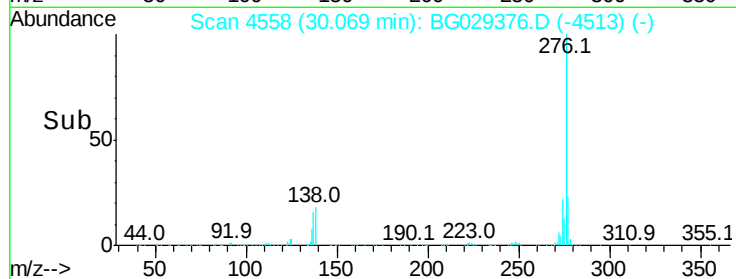
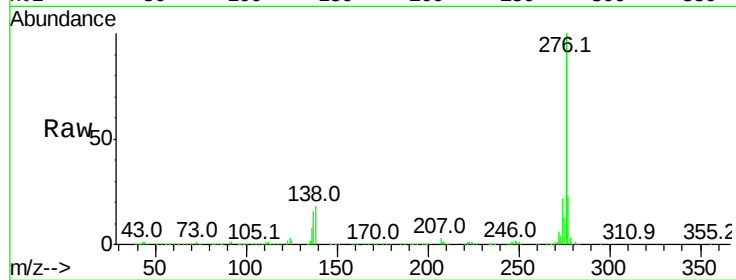
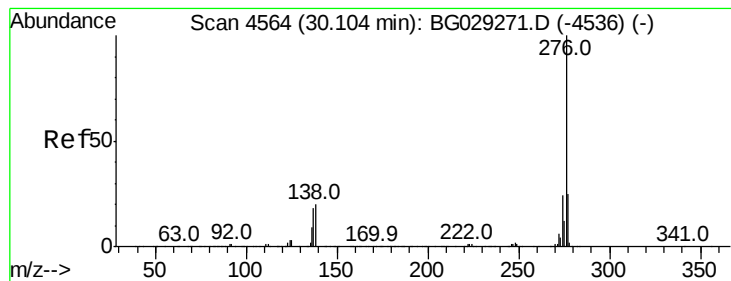


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.102 ng

RT: 30.07 min Scan# 4558

Delta R.T. -0.03 min

Lab File: BG029376.D

Acq: 20 Oct 2017 17:27

Instrument :

BNA_G

ClientSampleId :

PB103430BS

Tot Ion:276 Resp: 928773

Ion Ratio Lower Upper

276 100

277 22.8 18.3 27.5

138 18.3 13.9 20.9

